

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117481.D
 Acq On : 22 Oct 2019 18:53
 Operator : JU
 Sample : PB124094BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 19:20:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	51764	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	223898	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	113413	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	179817	20.00	ng	0.00
76) Chrysene-d12	13.90	240	131385	20.00	ng	0.00
87) Perylene-d12	15.34	264	89046	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	341562	98.17	ng	0.02
7) Phenol-d6	6.39	99	460619	98.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	241368	53.22	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	91563	93.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	426945	53.04	ng	0.00
79) Terphenyl-d14	12.83	244	390873	48.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	47123	32.212	ng	95
3) Pyridine	3.26	79	104543	29.192	ng	95
4) n-Nitrosodimethylamine	3.19	42	45229	34.813	ng	98
6) Aniline	6.40	93	134118	24.445	ng	# 14
8) 2-Chlorophenol	6.53	128	139655	38.037	ng	94
9) Benzaldehyde	6.29	77	50158	18.680	ng	93
10) Phenol	6.40	94	173925	36.464	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	125493	35.571	ng	99
12) 1,3-Dichlorobenzene	6.67	146	135405	33.048	ng	98
13) 1,4-Dichlorobenzene	6.75	146	140959	33.913	ng	97
14) 1,2-Dichlorobenzene	6.90	146	133447	34.061	ng	98
15) Benzyl Alcohol	6.89	79	123628	37.027	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	127764	33.570	ng	66
17) 2-Methylphenol	7.00	107	114960	38.062	ng	97
18) Hexachloroethane	7.24	117	53606	33.043	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	102092	35.771	ng	98
20) 3+4-Methylphenols	7.16	107	153010	38.639	ng	# 80
22) Acetophenone	7.15	105	198527	33.392	ng	96
24) Nitrobenzene	7.32	77	155667	35.836	ng	96
25) Isophorone	7.56	82	277080	35.316	ng	96
26) 2-Nitrophenol	7.64	139	71440	36.874	ng	98
27) 2,4-Dimethylphenol	7.68	122	119228	41.179	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	164333	33.945	ng	99
29) 2,4-Dichlorophenol	7.89	162	110554	36.404	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	109920	33.728	ng	98
31) Naphthalene	8.04	128	391616	35.287	ng	99
32) Benzoic acid	7.84	122	65098	32.825	ng	94
33) 4-Chloroaniline	8.09	127	101563	21.684	ng	98
34) Hexachlorobutadiene	8.15	225	60214	31.922	ng	96
35) Caprolactam	8.46	113	18807	19.278	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	127888	36.925	ng	99
37) 2-Methylnaphthalene	8.73	142	268180	35.862	ng	99
38) 1-Methylnaphthalene	8.83	142	252069	35.872	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101466	33.217	ng	99

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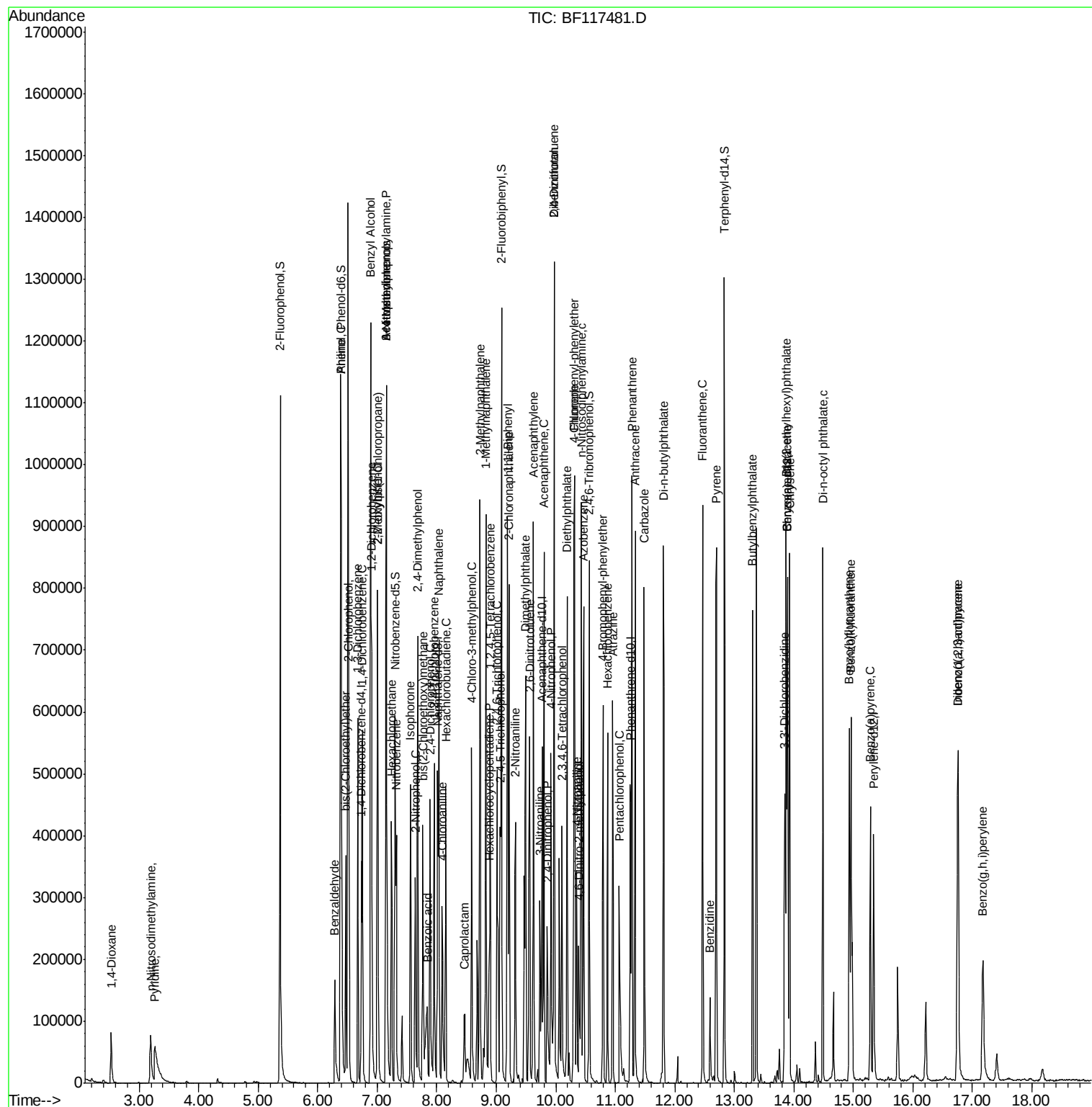
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	30498	47.432	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	68221	35.663	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	73247	37.787	nq	94
46) 1,1'-Biphenyl	9.19	154	308258	32.832	nq	100
47) 2-Chloronaphthalene	9.22	162	237135	33.497	nq	99
48) 2-Nitroaniline	9.32	65	79154	34.060	nq	96
49) Acenaphthylene	9.63	152	367342	35.328	nq	98
50) Dimethylphthalate	9.49	163	272096	33.654	nq	99
51) 2,6-Dinitrotoluene	9.56	165	60485	35.850	nq	97
52) Acenaphthene	9.80	154	216658	33.961	nq	98
53) 3-Nitroaniline	9.73	138	47797	23.349	nq	99
54) 2,4-Dinitrophenol	9.86	184	41823	61.051	nq	97
55) Dibenzofuran	9.97	168	321760	34.812	nq	97
56) 4-Nitrophenol	9.92	139	62793	67.328	nq	88
57) 2,4-Dinitrotoluene	9.97	165	79327	35.364	nq	98
58) Fluorene	10.32	166	262360	34.325	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	54340	35.668	nq	96
60) Diethylphthalate	10.19	149	273206	33.408	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	117346	34.219	nq	97
62) 4-Nitroaniline	10.35	138	62128	32.199	nq	94
63) Azobenzene	10.47	77	289867	34.625	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32810	35.888	nq	89
66) n-Nitrosodiphenylamine	10.43	169	227922	34.672	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	64034	33.061	nq	97
68) Hexachlorobenzene	10.87	284	67127	32.362	nq	99
69) Atrazine	10.96	200	67344	40.265	nq	97
70) Pentachlorophenol	11.07	266	50976	81.979	nq	98
71) Phenanthrene	11.28	178	365501	35.005	nq	99
72) Anthracene	11.33	178	380788	35.543	nq	99
73) Carbazole	11.49	167	345811	35.320	nq	99
74) Di-n-butylphthalate	11.81	149	423805	32.396	nq	99
75) Fluoranthene	12.47	202	366406	35.054	nq	99
77) Benzidine	12.59	184	72944	15.638	nq	98
78) Pyrene	12.70	202	372088	32.971	nq	99
80) Butylbenzylphthalate	13.30	149	177968	31.691	nq	98
81) Benzo(a)anthracene	13.89	228	300404	33.896	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	92056	33.102	nq	# 98
83) Chrysene	13.93	228	296130	34.094	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	245392	31.194	nq	97
85) Di-n-octyl phthalate	14.49	149	405534	33.529	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	214789	33.122	nq	99
88) Benzo(b)fluoranthene	14.93	252	241529	45.933	nq	97
89) Benzo(k)fluoranthene	14.96	252	254242	47.174	nq	99
90) Benzo(a)pyrene	15.29	252	217189	45.429	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	184661	44.670	nq	97
92) Benzo(g,h,i)perylene	17.18	276	177777	45.451	nq	98

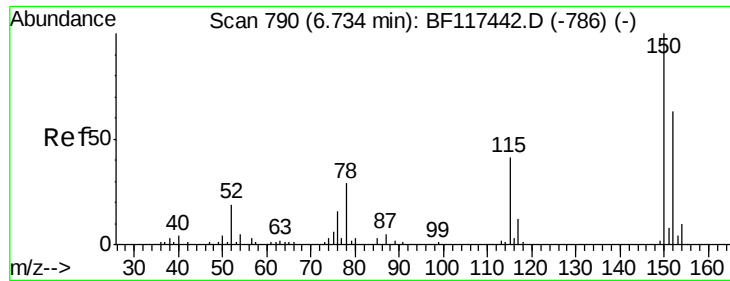
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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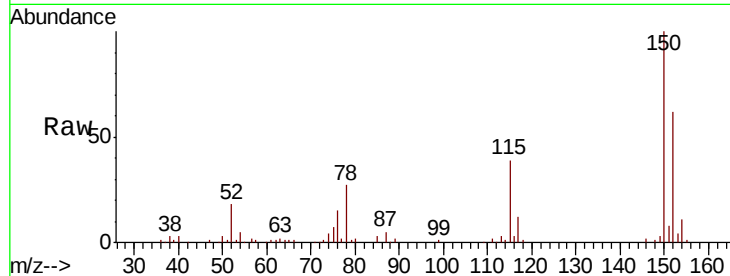


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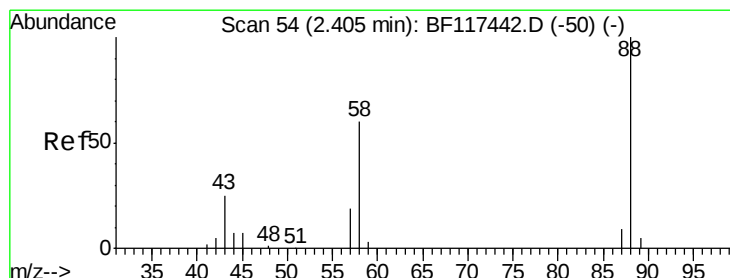
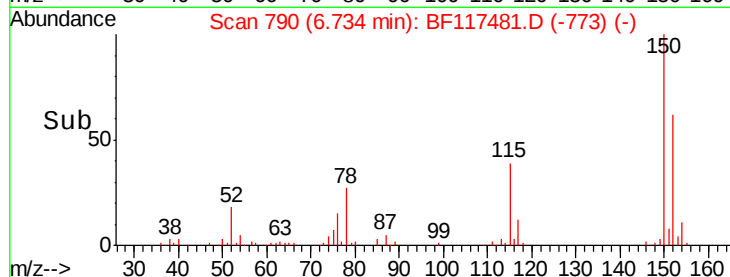
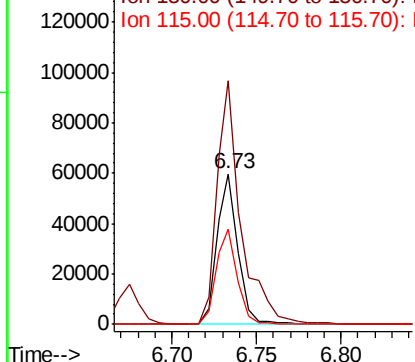
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51764
Ion Ratio Lower Upper
152 100
150 161.6 126.8 190.2
115 63.1 51.6 77.4



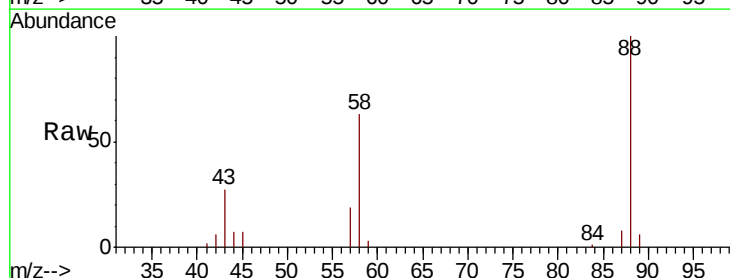
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



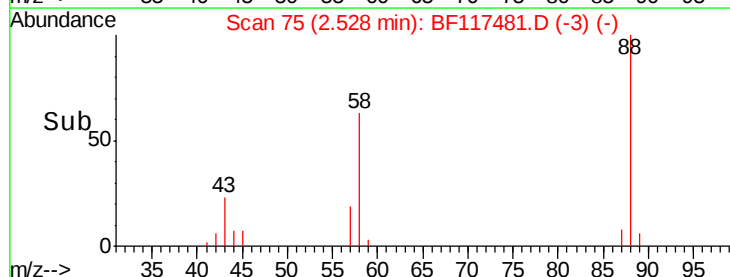
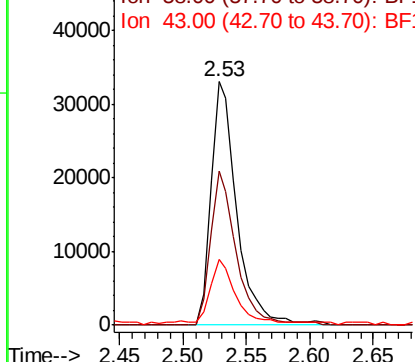
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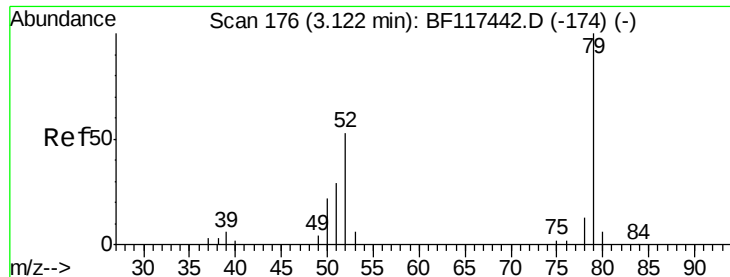
1,4-Dioxane
Concen: 32.212 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.12 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion: 88 Resp: 47123
Ion Ratio Lower Upper
88 100
58 63.0 48.8 73.2
43 27.7 18.5 27.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



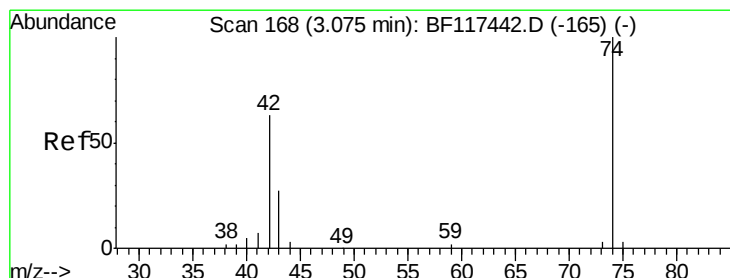
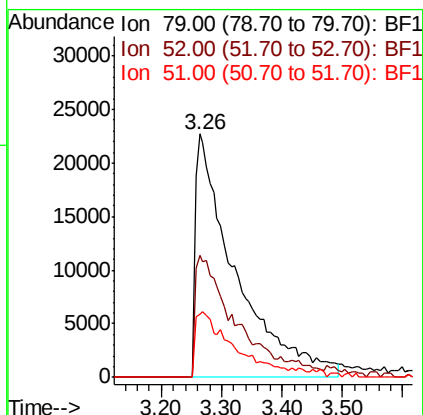
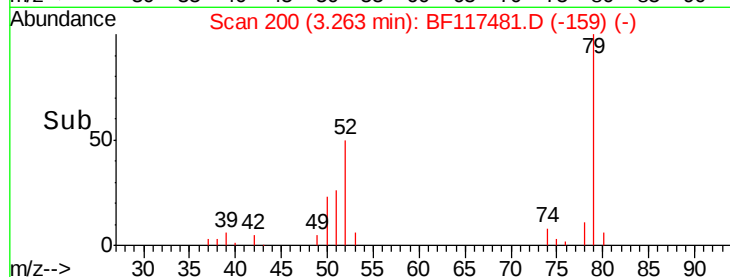
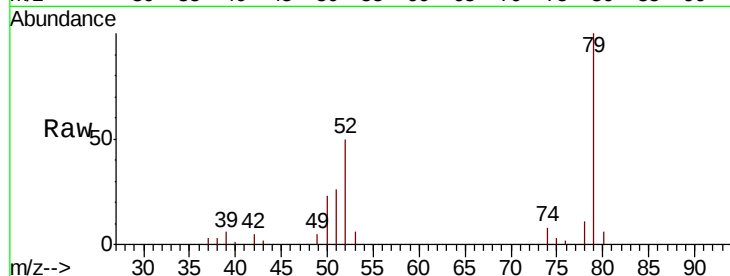


#3
 Pvridine
 Concen: 29.192 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.14 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 104543

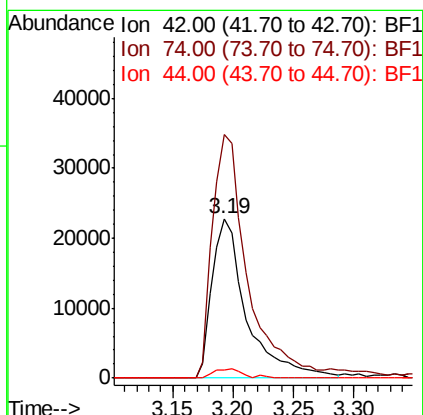
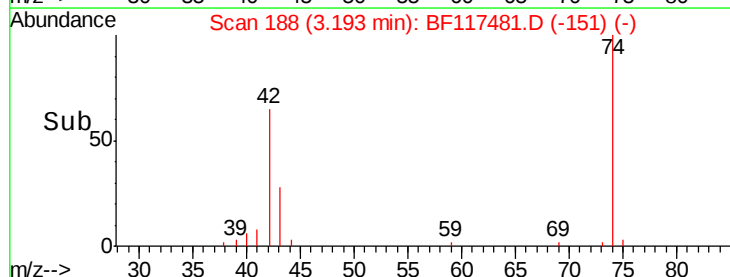
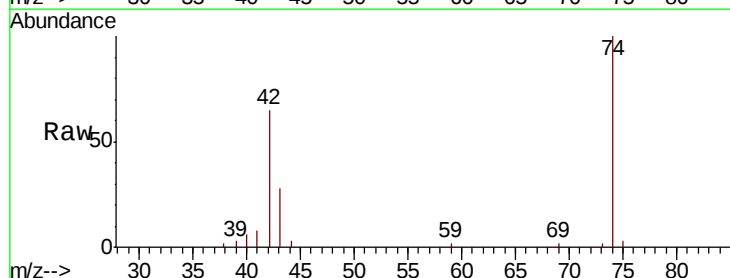
Ion	Ratio	Lower	Upper
79	100		
52	50.0	42.4	63.6
51	26.0	23.3	34.9

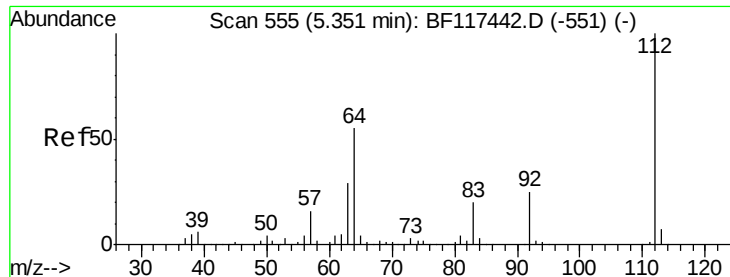


#4
 n-Nitrosodimethylamine
 Concen: 34.813 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.12 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion: 42 Resp: 45229

Ion	Ratio	Lower	Upper
42	100		
74	152.8	124.2	186.4
44	5.1	4.2	6.4





#5

2-Fluorophenol

Concen: 98.165 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

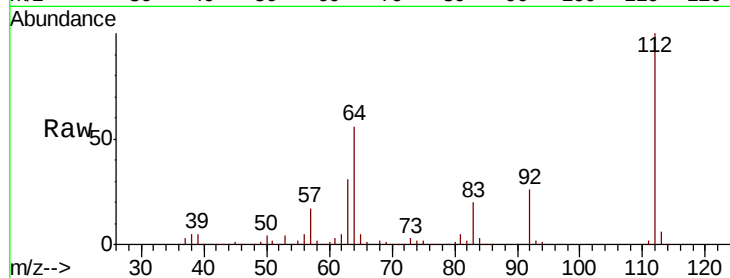
Tot Ion: 112 Resp: 341562

Ion Ratio Lower Upper

112 100

64 56.5 44.1 66.1

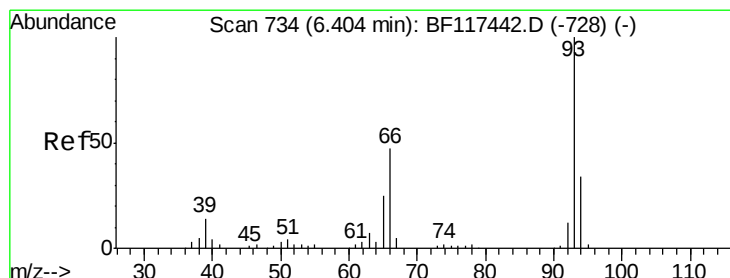
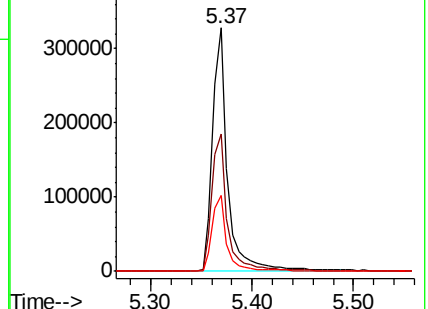
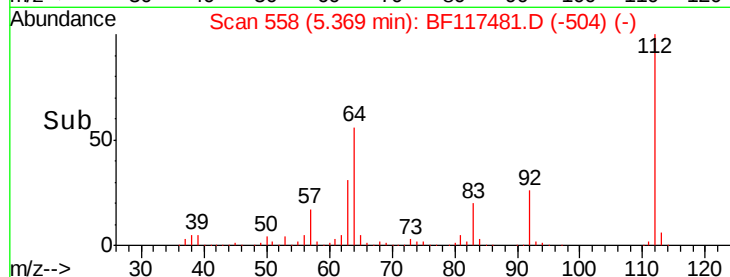
63 30.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.445 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

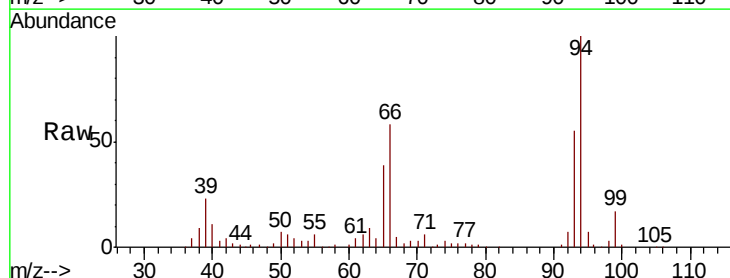
Tgt Ion: 93 Resp: 134118

Ion Ratio Lower Upper

93 100

66 105.6 38.7 58.1#

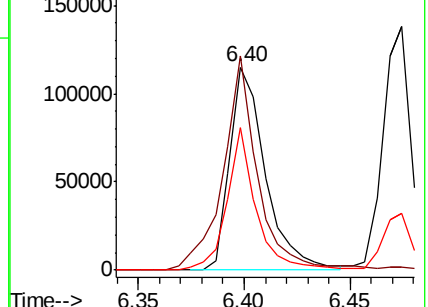
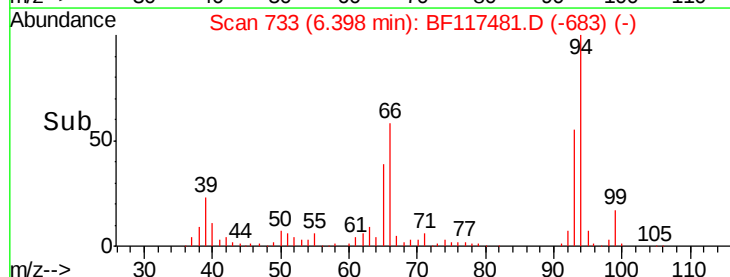
65 70.1 20.1 30.1#

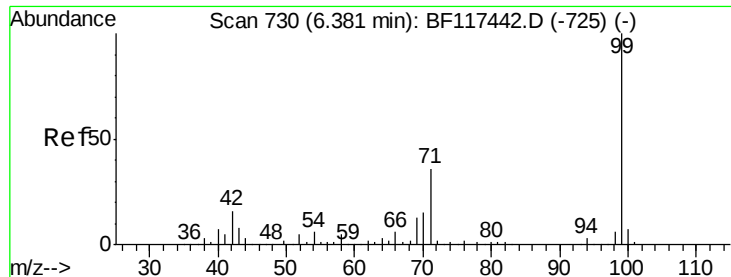


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.564 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

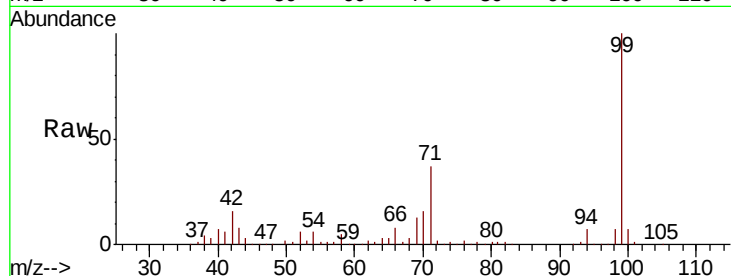
Tot Ion: 99 Resp: 460619

Ion Ratio Lower Upper

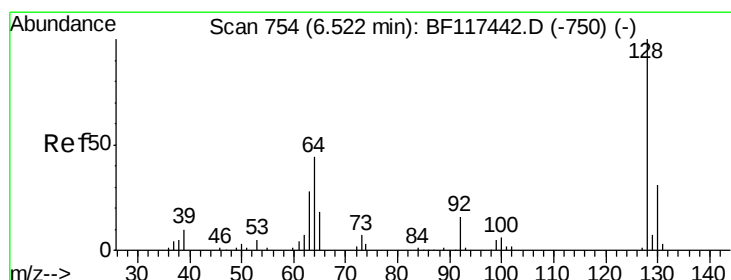
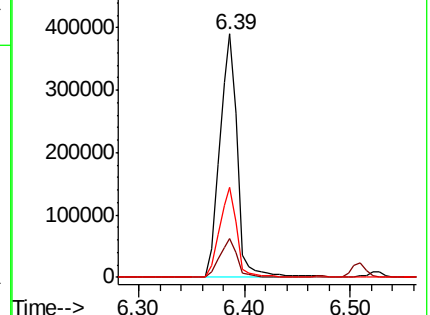
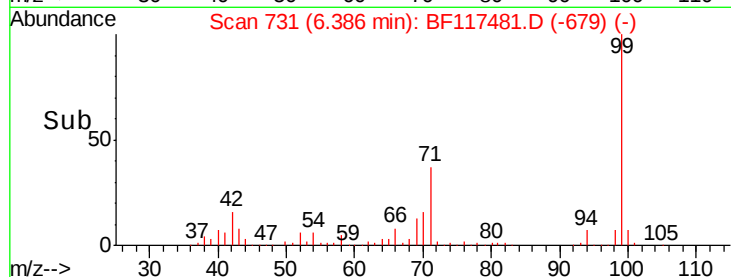
99 100

42 16.0 12.8 19.2

71 36.8 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.037 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

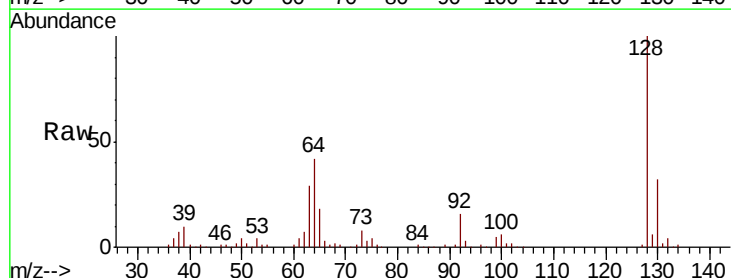
Tgt Ion:128 Resp: 139655

Ion Ratio Lower Upper

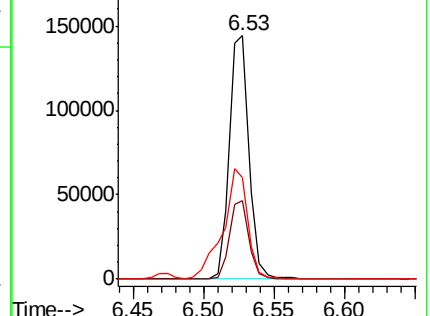
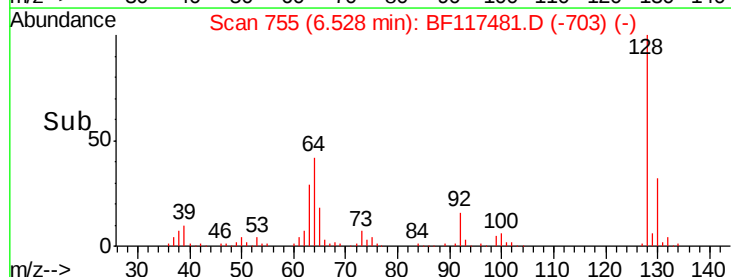
128 100

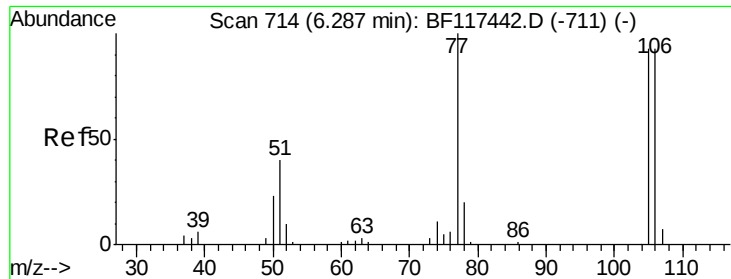
130 32.5 11.1 51.1

64 41.8 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

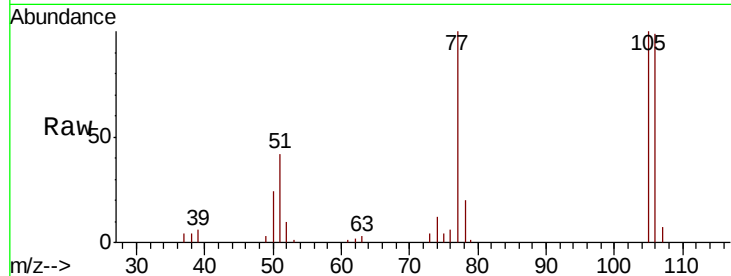




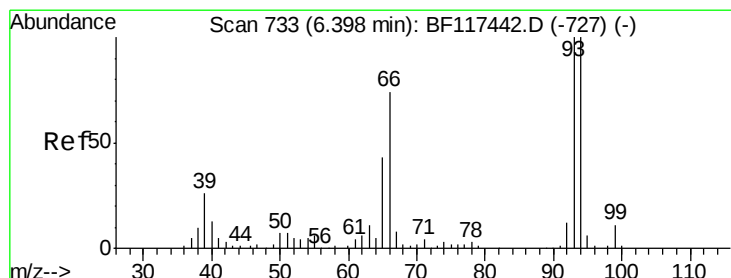
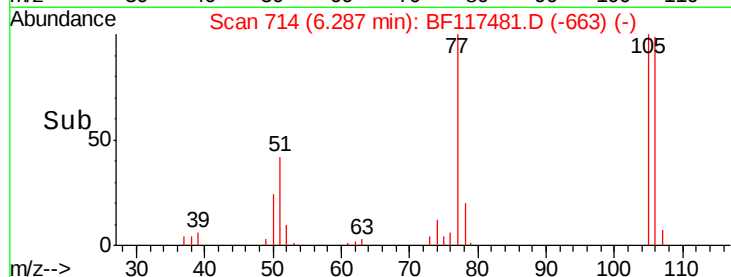
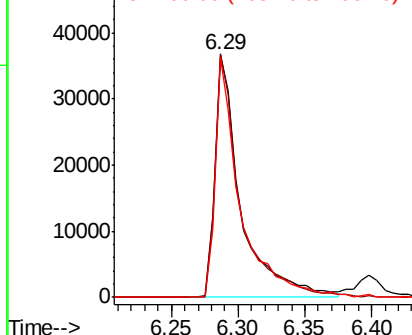
#9
Benzaldehyde
Concen: 18.680 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 50158
Ion Ratio Lower Upper
77 100
105 100.2 73.4 113.4
106 98.8 73.0 113.0

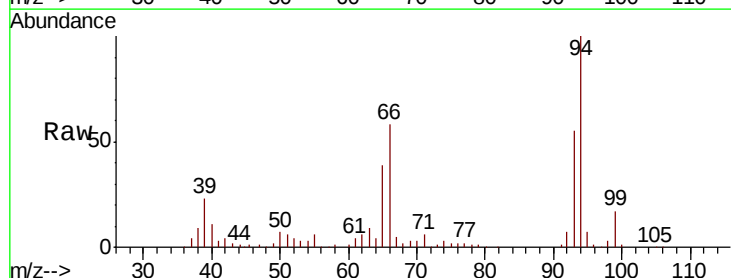


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

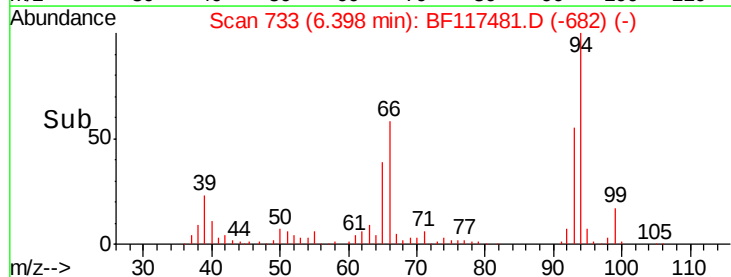
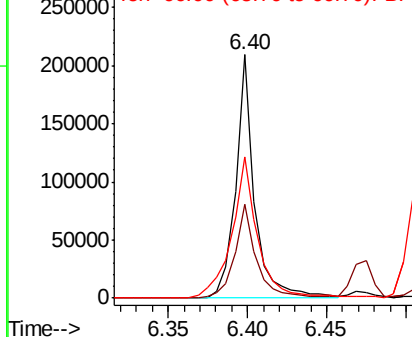


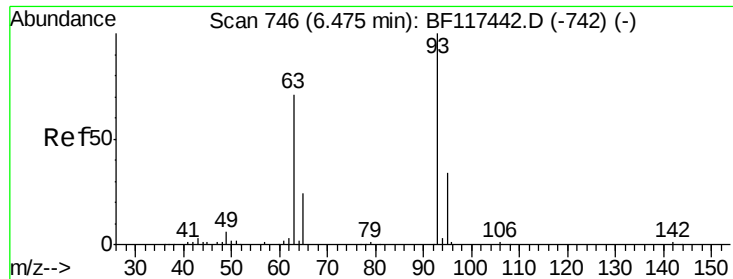
#10
Phenol
Concen: 36.464 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion: 94 Resp: 173925
Ion Ratio Lower Upper
94 100
65 38.5 23.4 63.4
66 58.1 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

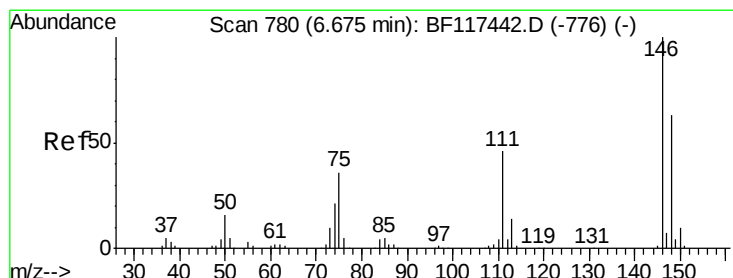
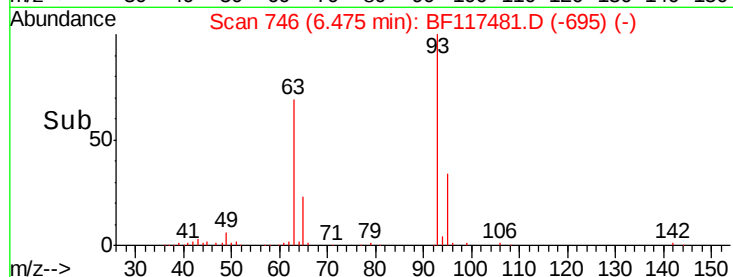
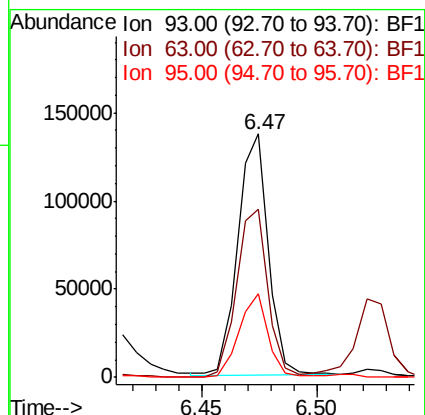
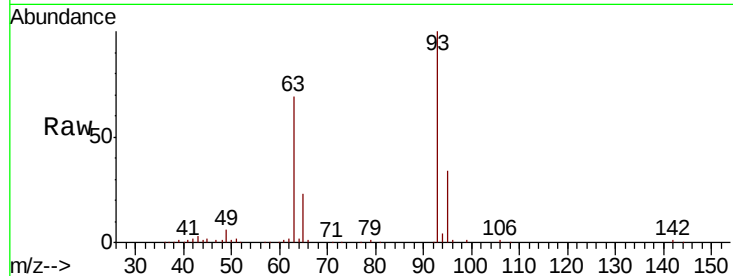




#11
bis(2-Chloroethyl)ether
Concen: 35.571 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

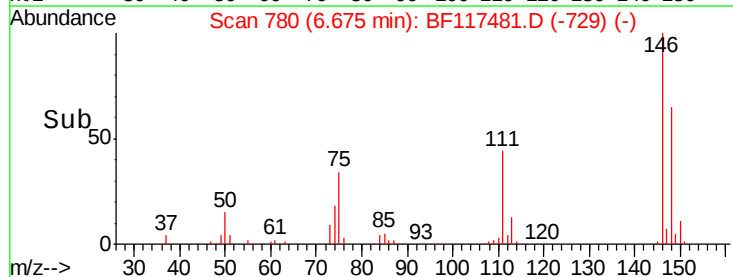
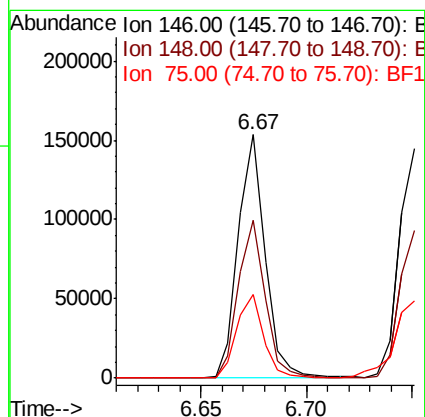
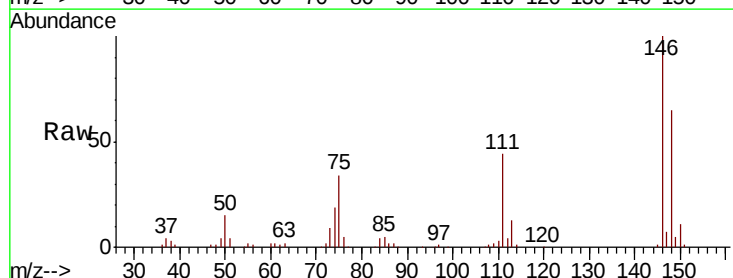
Instrument :
BNA_F
ClientSampleId :

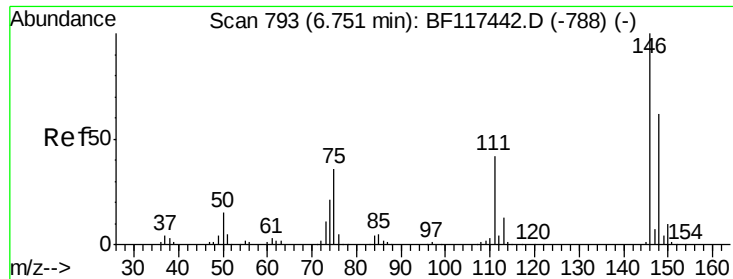
Tot Ion: 93 Resp: 125493
Ion Ratio Lower Upper
93 100
63 68.9 50.2 90.2
95 34.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 33.048 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion: 146 Resp: 135405
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
75 34.2 28.6 43.0

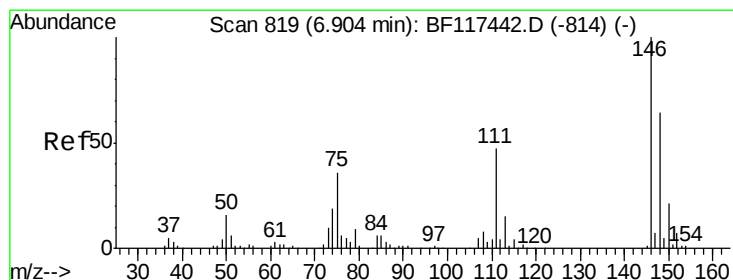
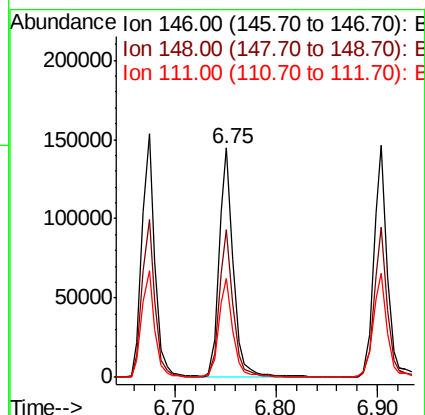
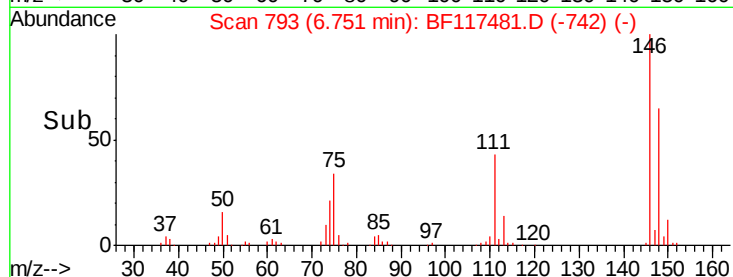
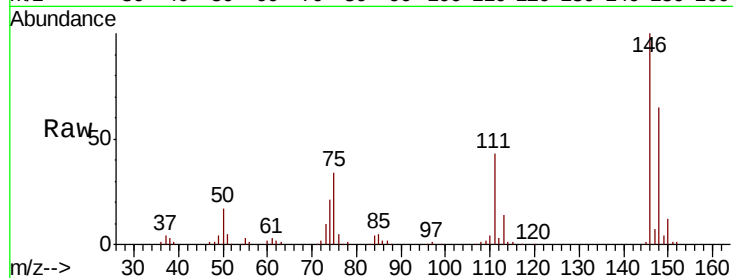




#13
 1,4-Dichlorobenzene
 Concen: 33.913 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

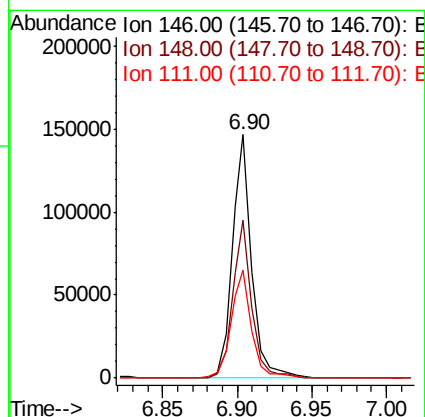
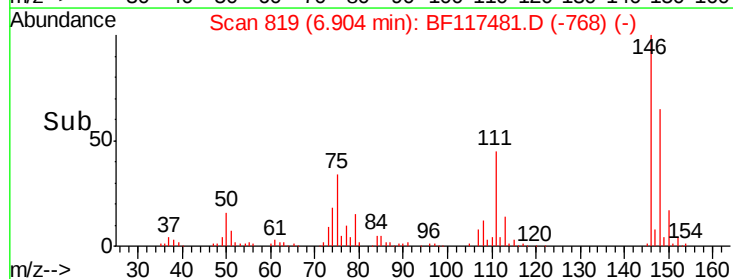
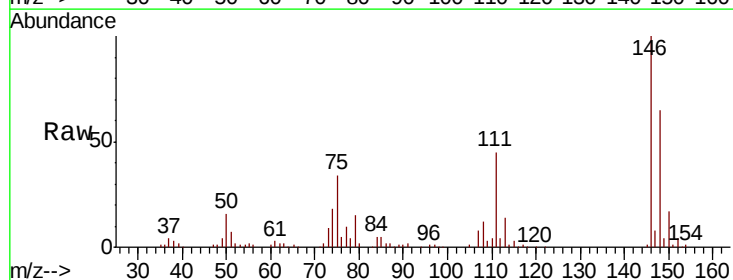
Instrument :
 BNA_F
 ClientSampleId :

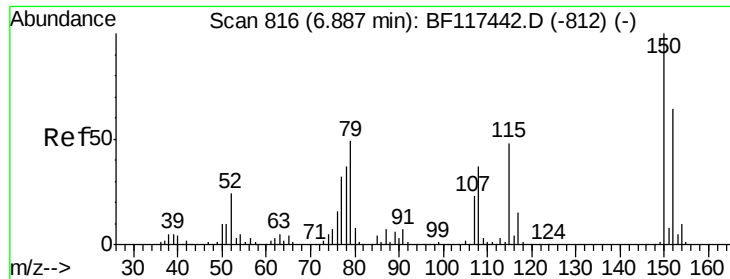
Tot Ion:146 Resp: 140959
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.3 73.9
 111 43.5 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 34.061 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:146 Resp: 133447
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 44.5 37.7 56.5

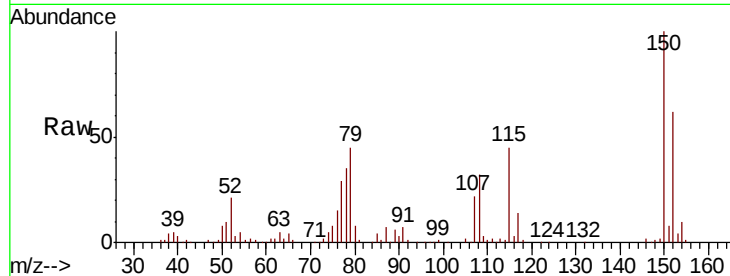




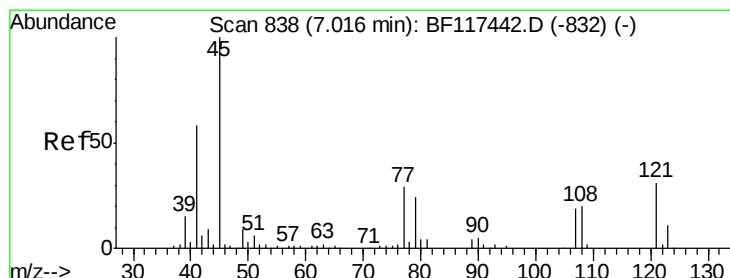
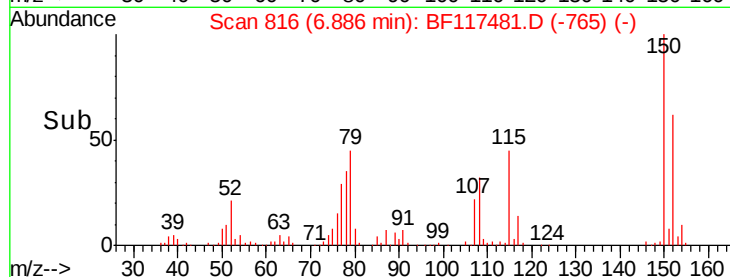
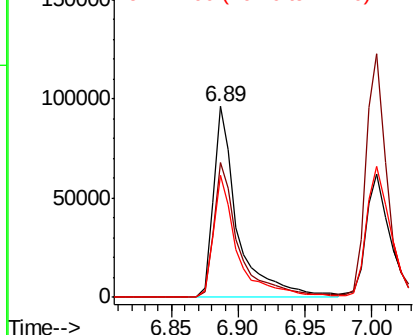
#15
Benzyl Alcohol
Concen: 37.027 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 123628
Ion Ratio Lower Upper
79 100
108 70.5 59.8 89.8
77 63.9 51.4 77.0

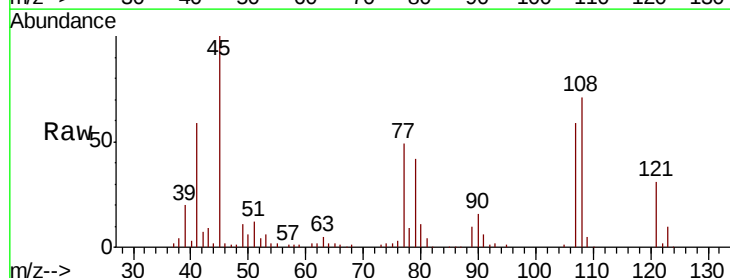


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

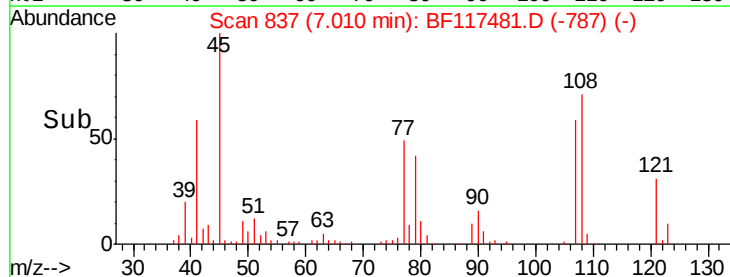
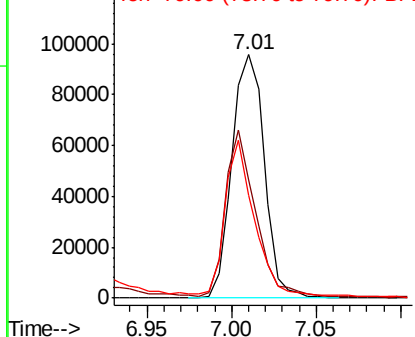


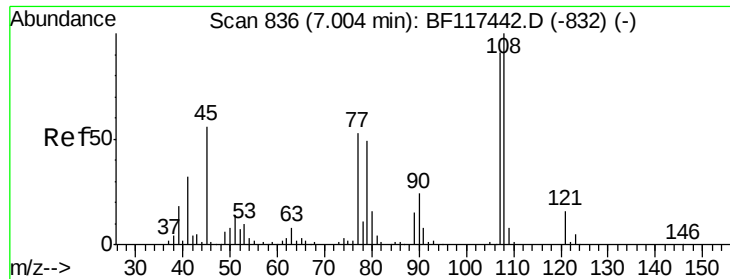
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.570 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion: 45 Resp: 127764
Ion Ratio Lower Upper
45 100
77 48.8 9.9 49.9
79 42.0 5.5 45.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

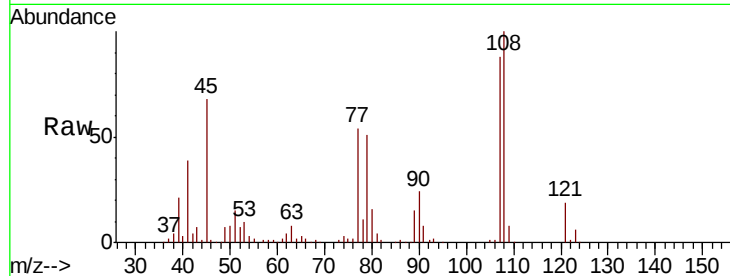




#17
2-Methylphenol
Concen: 38.062 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.0	132.0
77	61.4	47.2	70.8
79	57.5	44.1	66.1



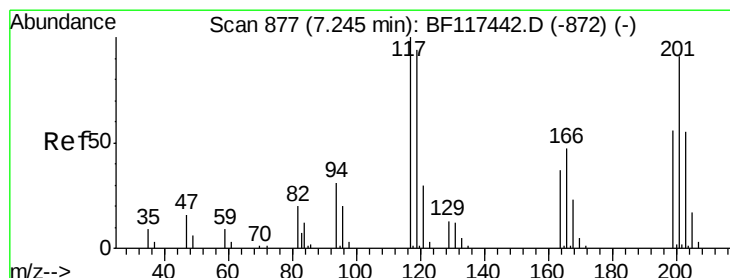
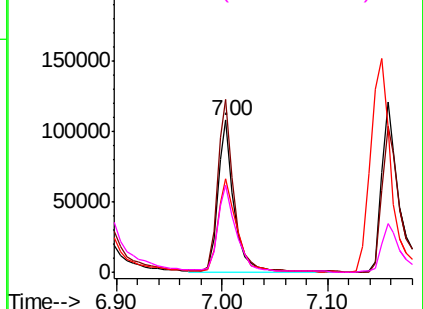
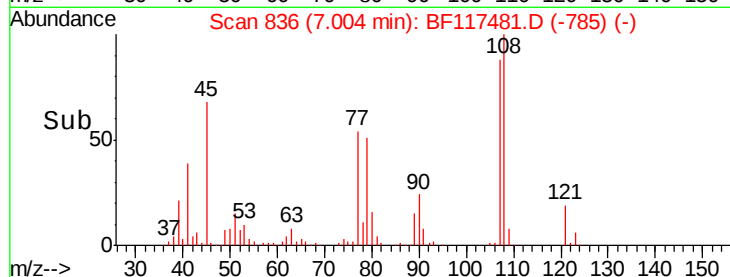
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

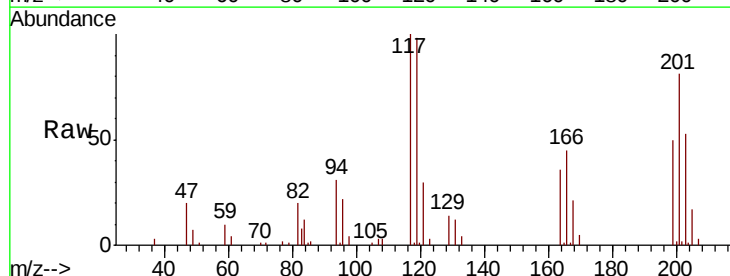
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.043 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
201	81.3	72.5	108.7

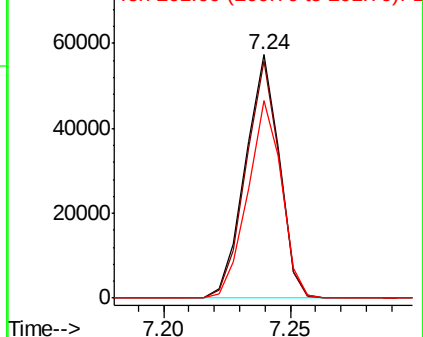
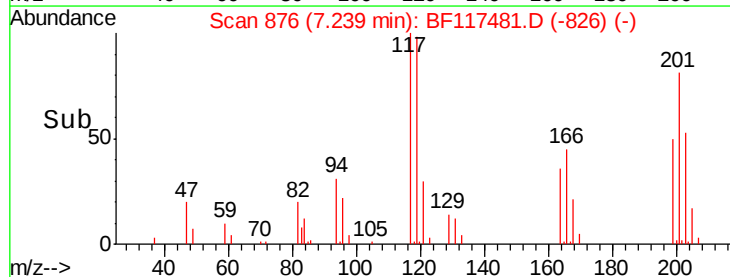


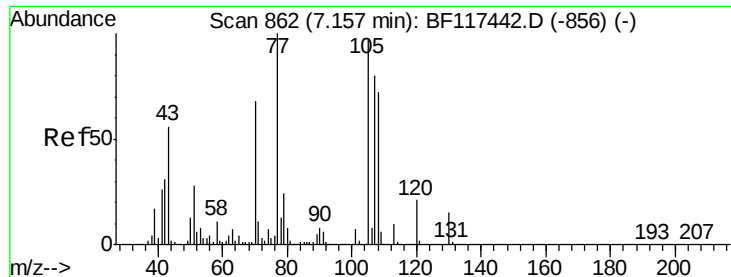
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

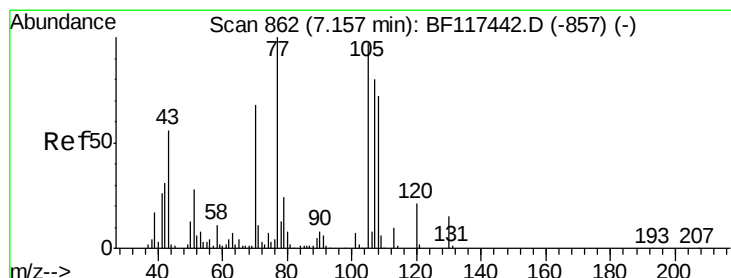
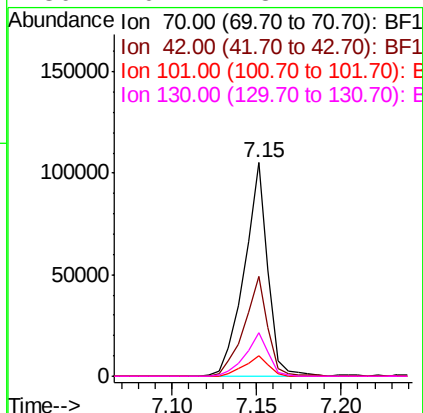
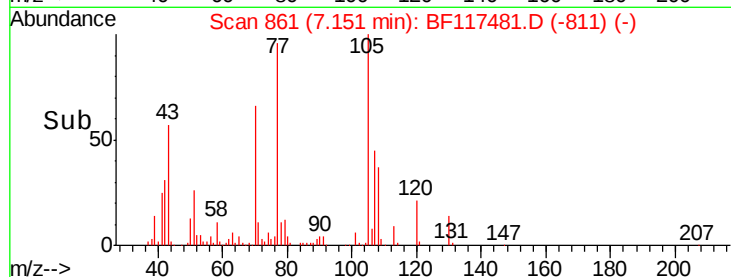
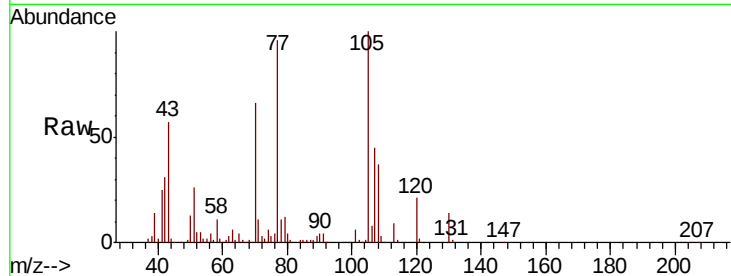




#19
n-Nitroso-di-n-propylamine
Concen: 35.771 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

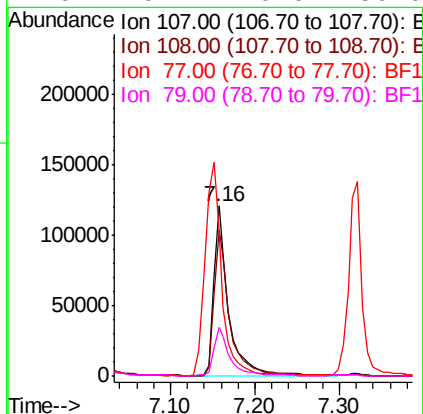
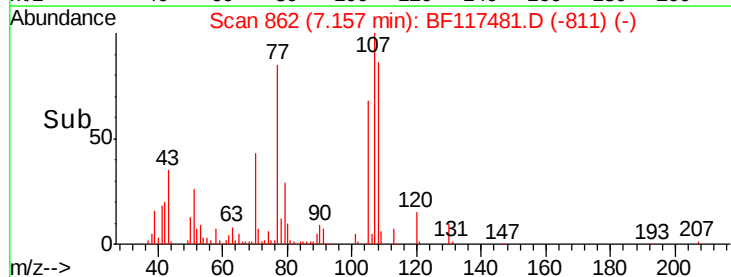
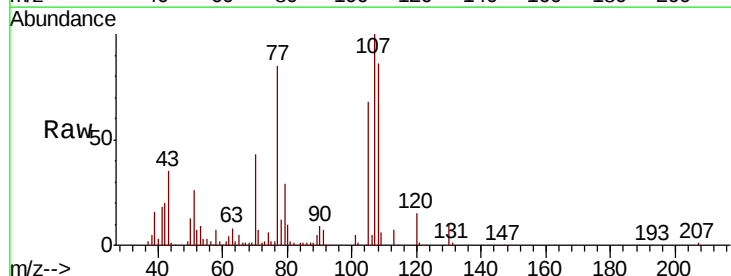
Instrument :
BNA_F
ClientSampleId :

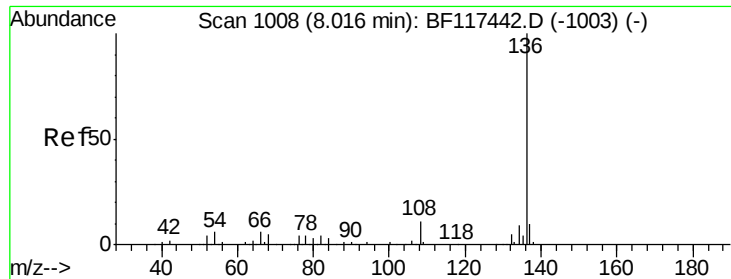
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	36.7	55.1
101	9.7	8.3	12.5
130	20.4	18.1	27.1



#20
3+4-Methylphenols
Concen: 38.639 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.3	110.3
77	85.4	104.8	144.8#
79	29.1	10.0	50.0

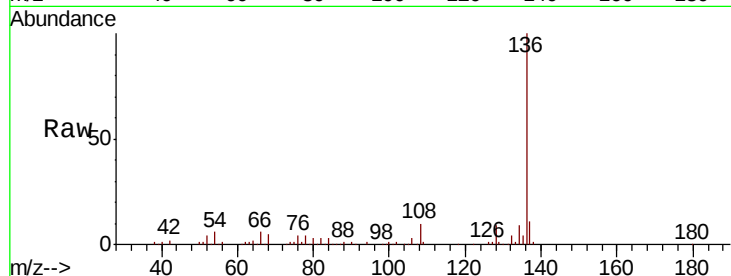




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	223898
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.4
54 6.0	4.5	6.7
68 5.1	4.3	6.5



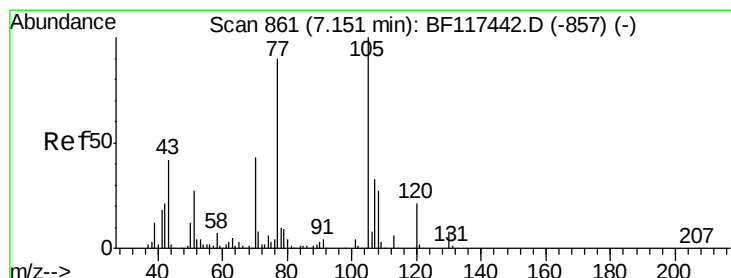
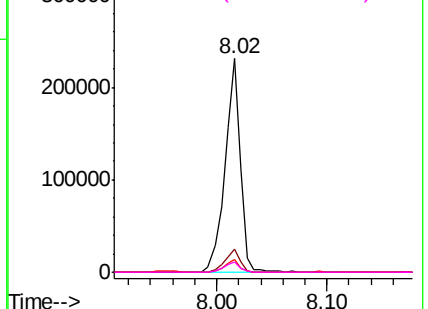
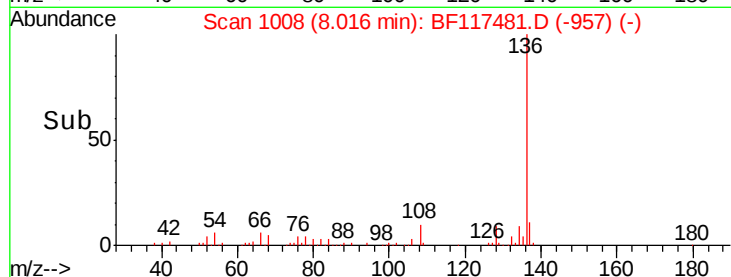
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

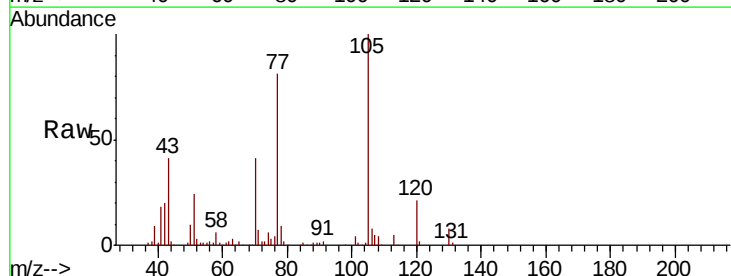
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 33.392 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt	Ion:105	Resp:	198527
Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.2	9.2
51	23.9	21.8	32.6
120	20.6	16.7	25.1



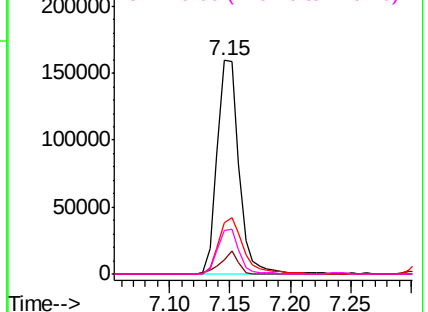
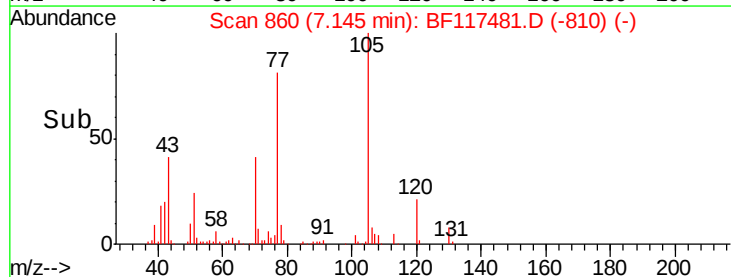
Abundance

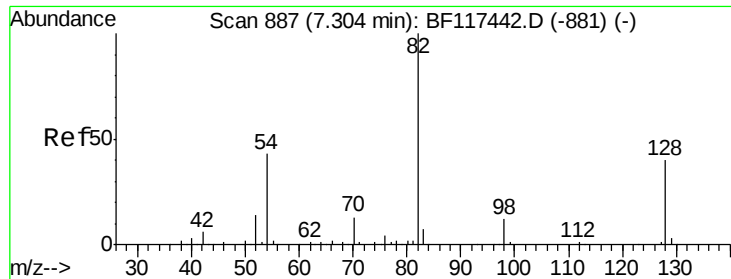
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

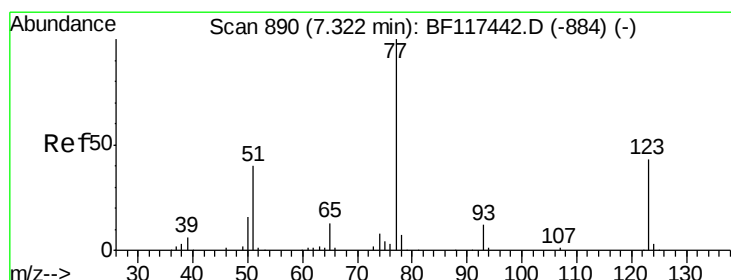
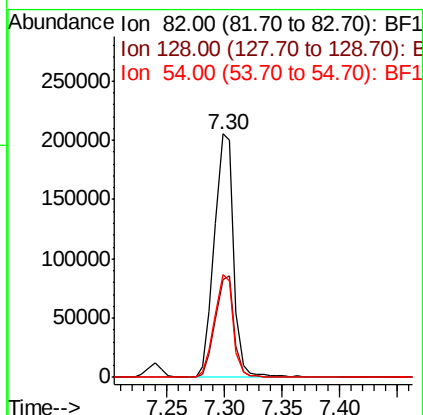
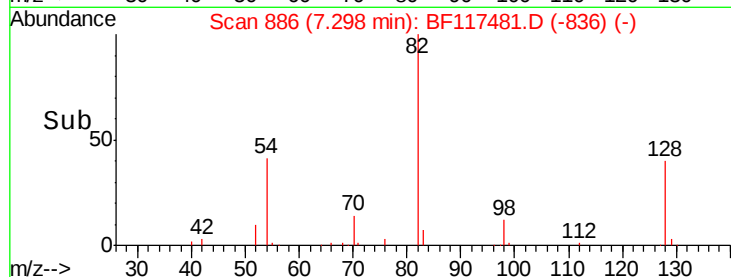
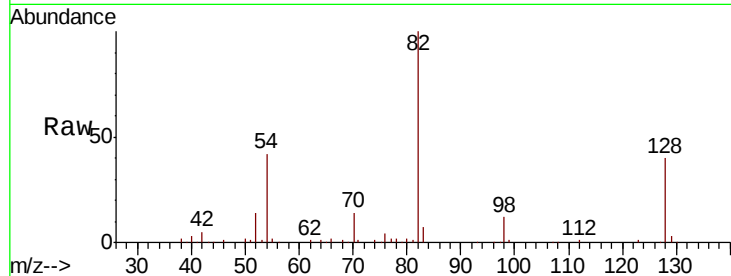




#23
 Nitrobenzene-d5
 Concen: 53.220 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

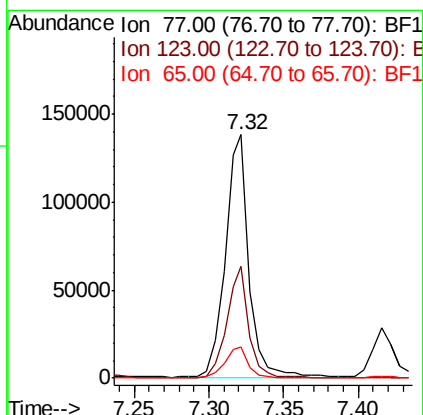
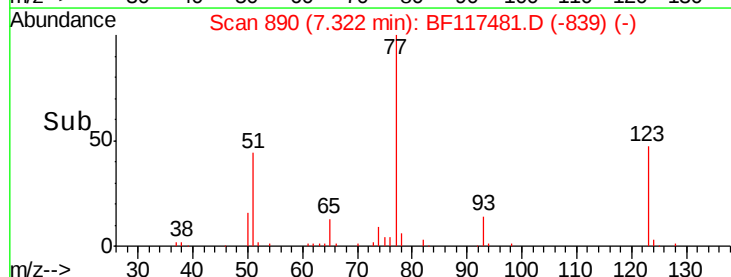
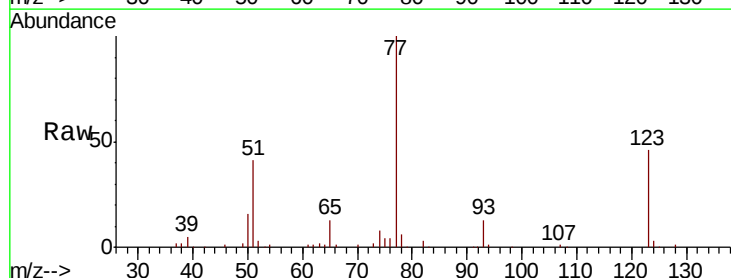
Instrument :
 BNA_F
 ClientSampleId :

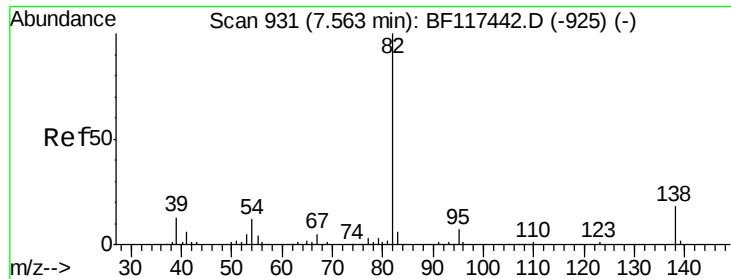
Tot Ion: 82 Resp: 241368
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.2 48.2
 54 42.3 34.2 51.2



#24
 Nitrobenzene
 Concen: 35.836 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion: 77 Resp: 155667
 Ion Ratio Lower Upper
 77 100
 123 45.7 34.2 51.2
 65 12.6 10.3 15.5





#25

Isophorone

Concen: 35.316 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

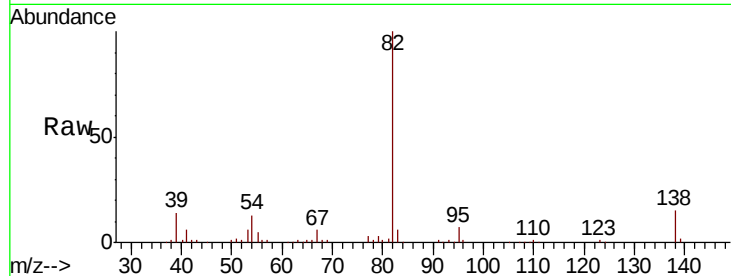
Tot Ion: 82 Resp: 277080

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

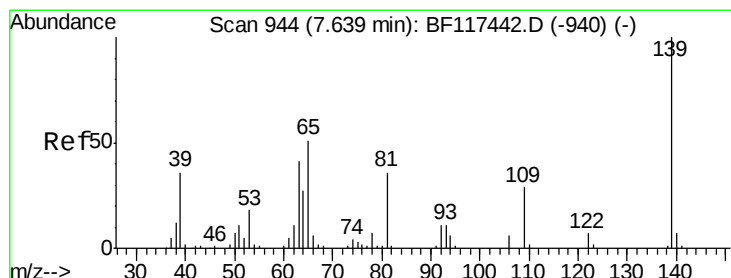
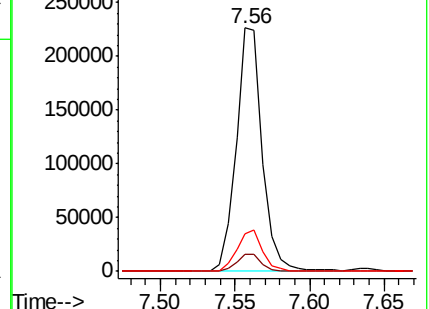
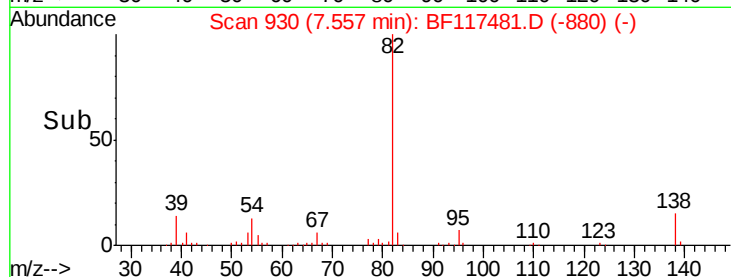
138 15.3 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.874 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

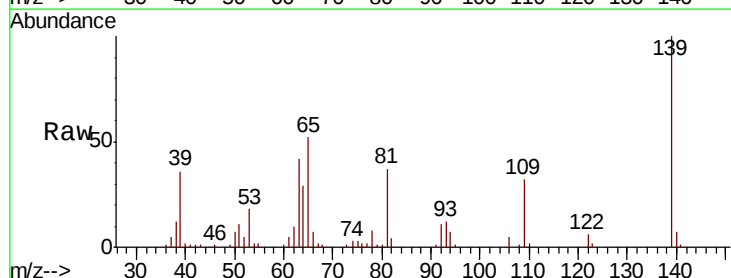
Tgt Ion: 139 Resp: 71440

Ion Ratio Lower Upper

139 100

109 31.9 23.2 34.8

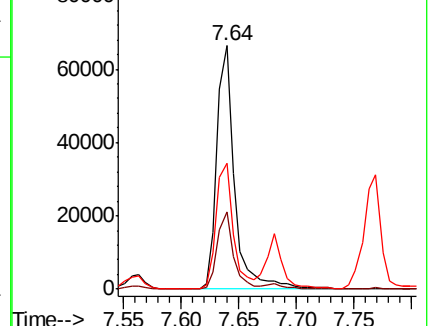
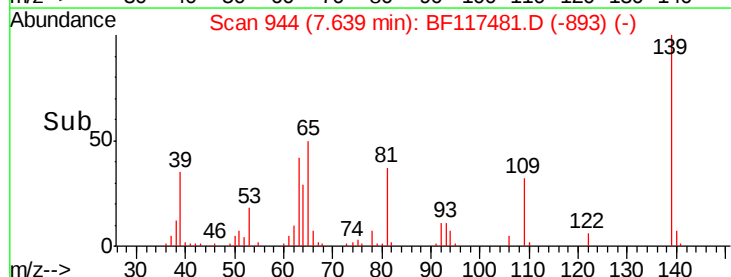
65 51.5 41.1 61.7

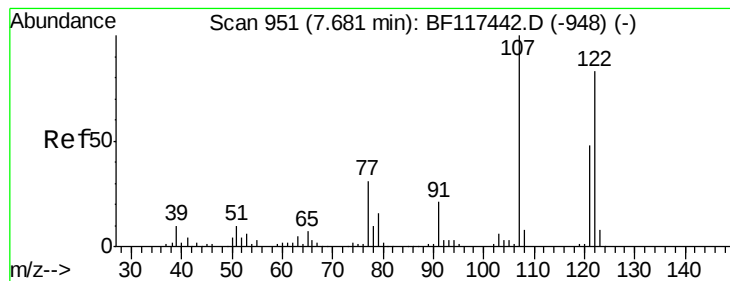


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.179 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

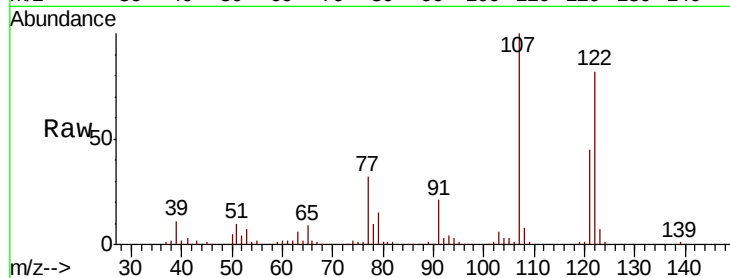
Tot Ion:122 Resp: 119228

Ion Ratio Lower Upper

122 100

107 121.7 96.8 145.2

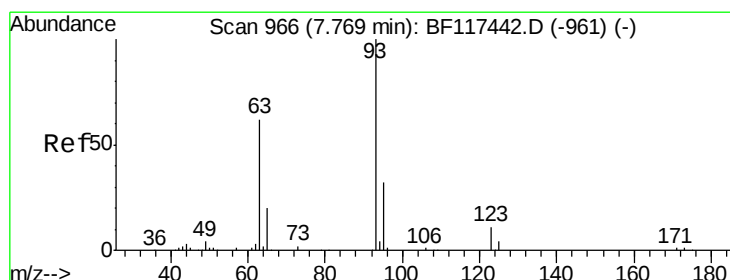
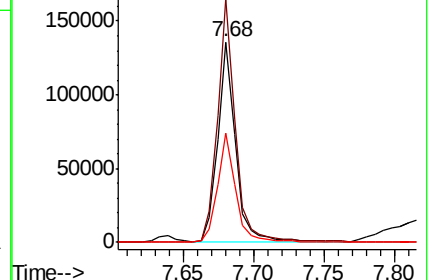
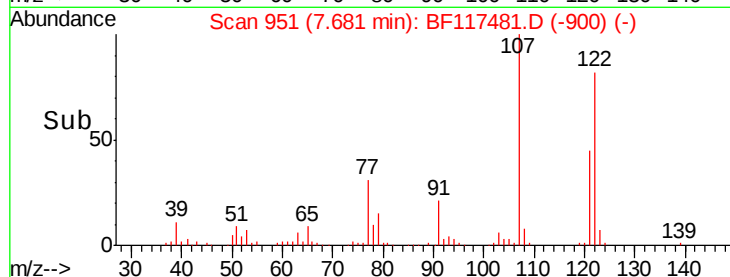
121 54.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.945 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

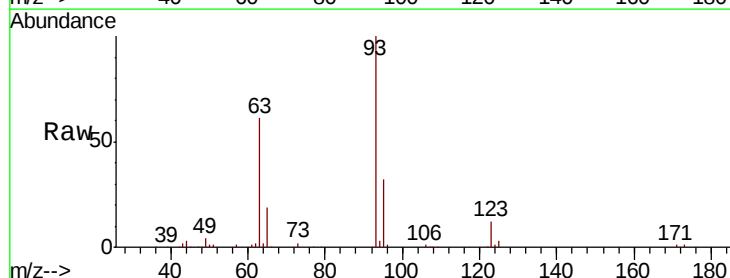
Tgt Ion: 93 Resp: 164333

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

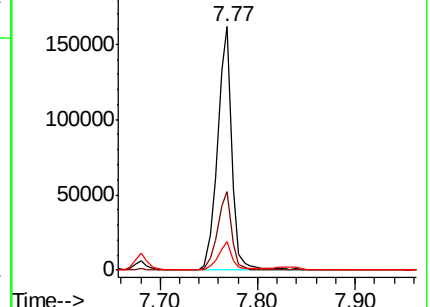
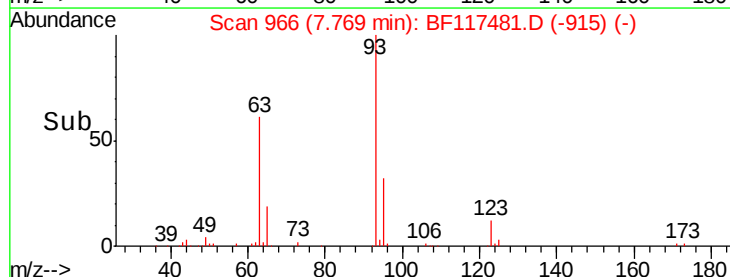
123 11.7 9.0 13.6

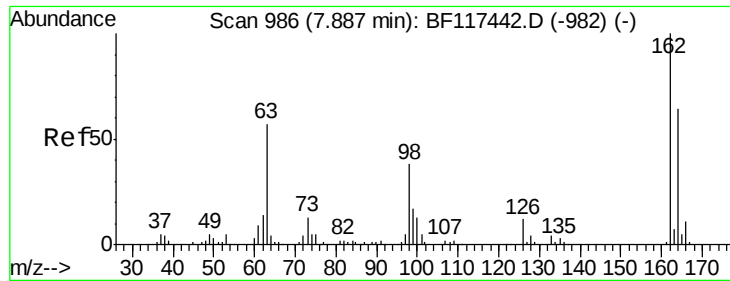


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

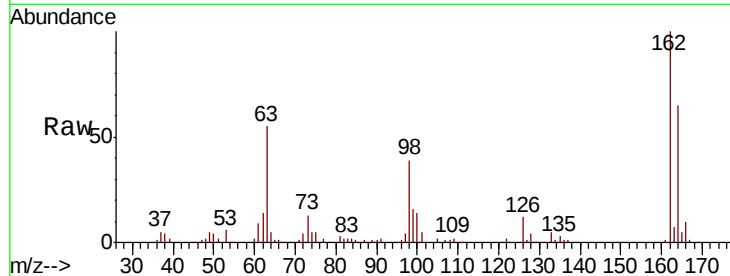




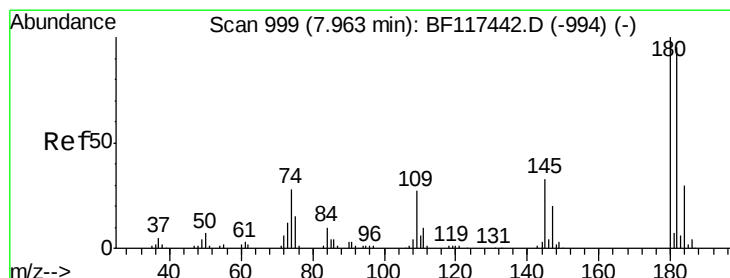
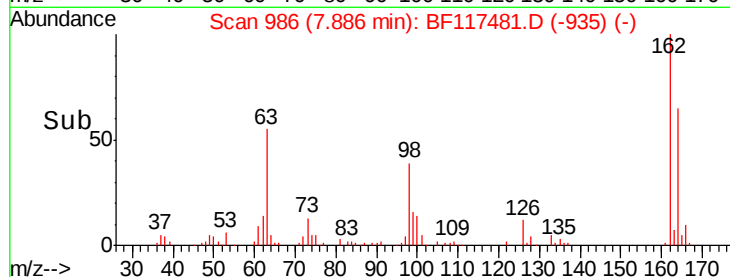
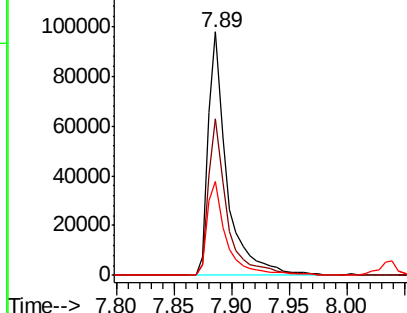
#29
2,4-Dichlorophenol
Concen: 36.404 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 110554
Ion Ratio Lower Upper
162 100
164 64.5 44.4 84.4
98 38.6 18.2 58.2

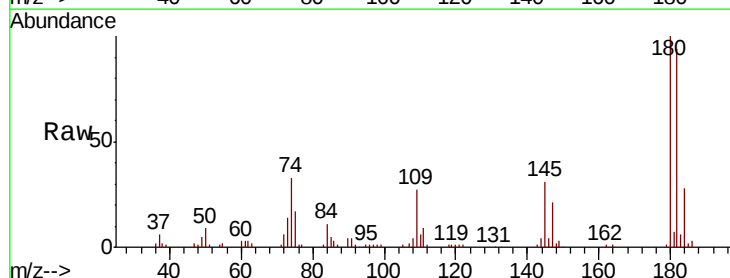


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

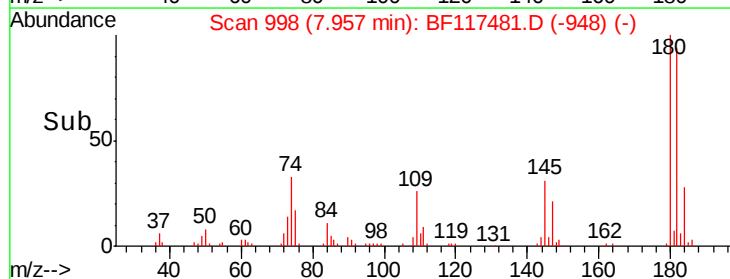
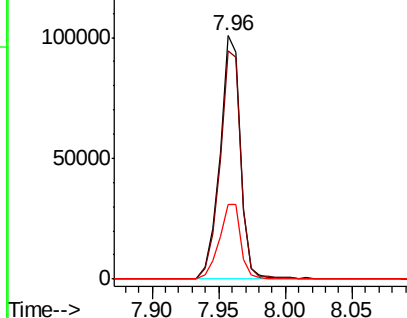


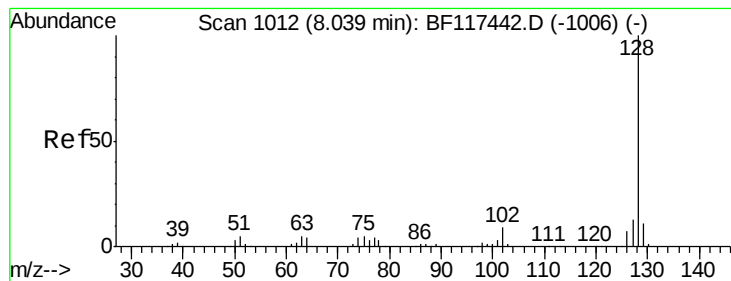
#30
1,2,4-Trichlorobenzene
Concen: 33.728 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:180 Resp: 109920
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.8
145 30.9 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.287 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

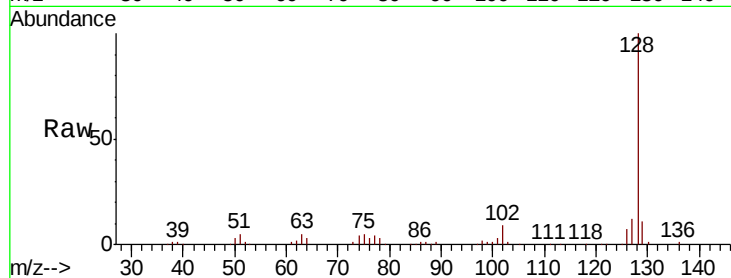
Tot Ion:128 Resp: 391616

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

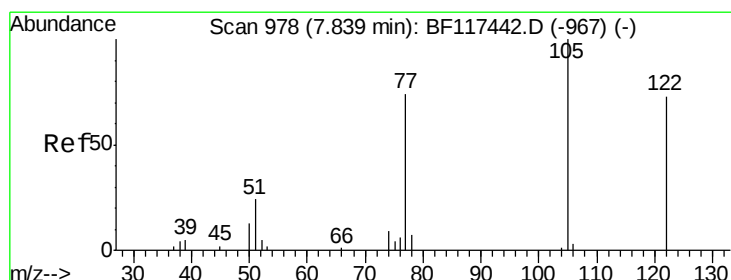
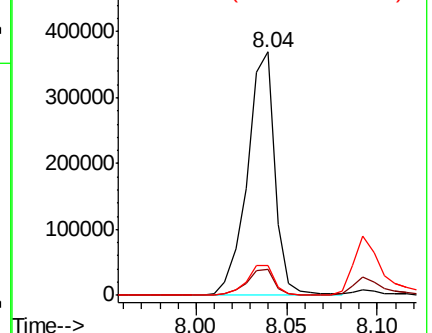
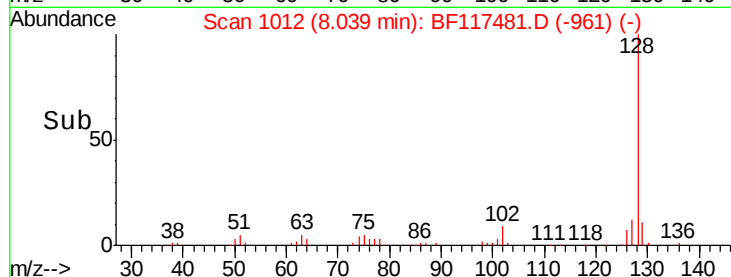
127 12.4 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.825 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

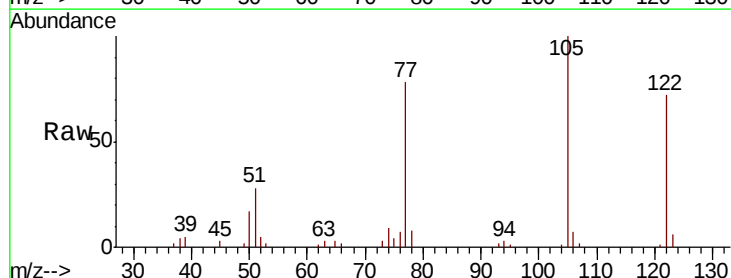
Tgt Ion:122 Resp: 65098

Ion Ratio Lower Upper

122 100

105 139.3 115.0 155.0

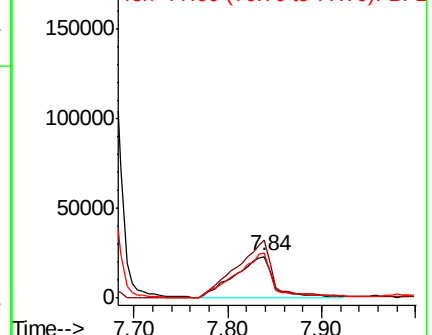
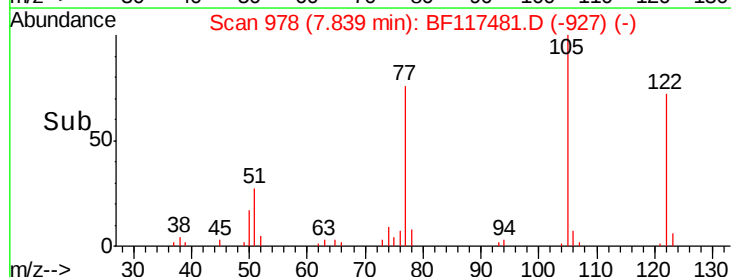
77 108.3 79.7 119.7

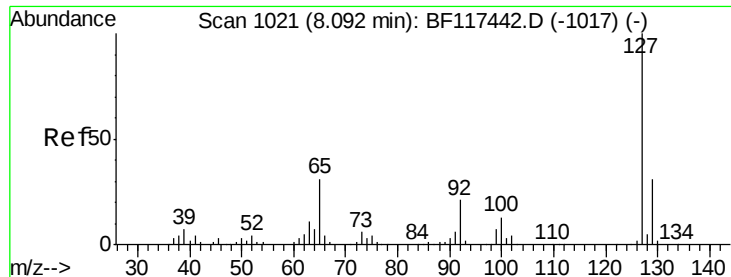


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

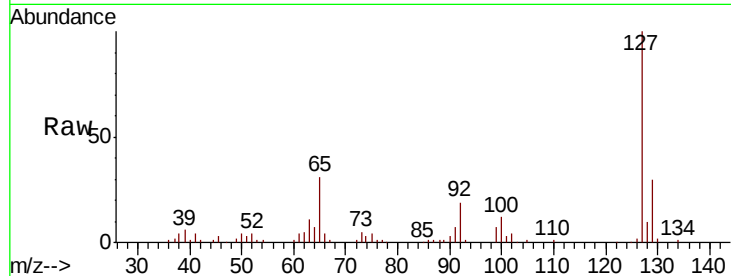




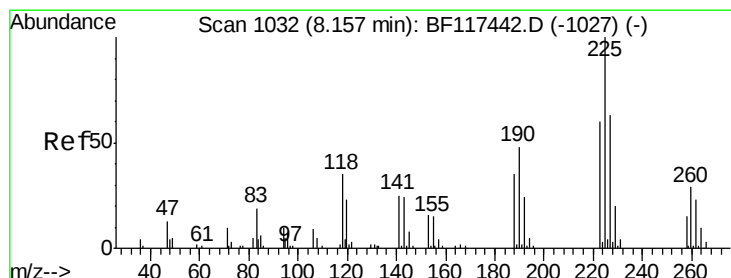
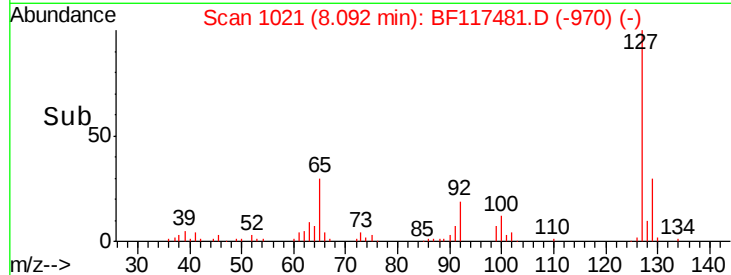
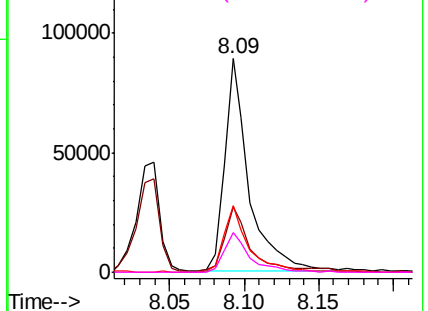
#33
4-Chloroaniline
Concen: 21.684 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	101563
Ion	Ratio	Lower	Upper
127	100		
129	30.5	24.8	37.2
65	31.0	24.6	37.0
92	18.6	16.5	24.7

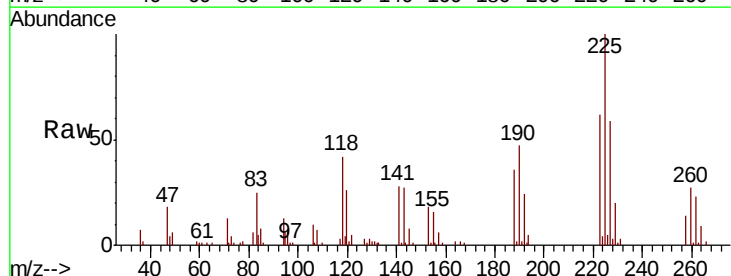


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

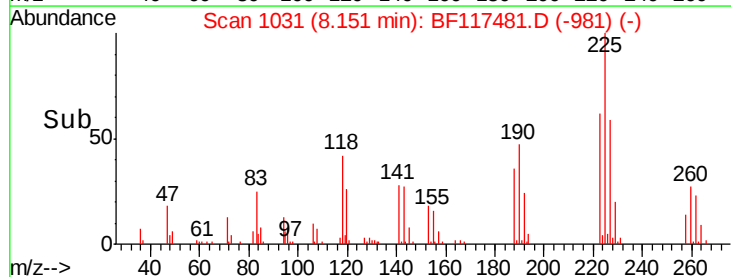
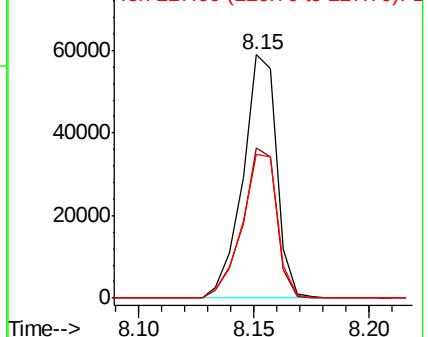


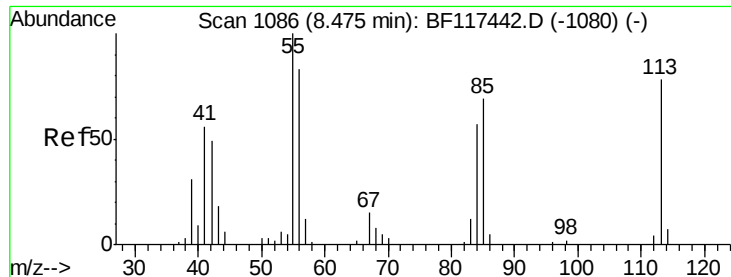
#34
Hexachlorobutadiene
Concen: 31.922 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:	225	Resp:	60214
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.2	72.4
227	59.0	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

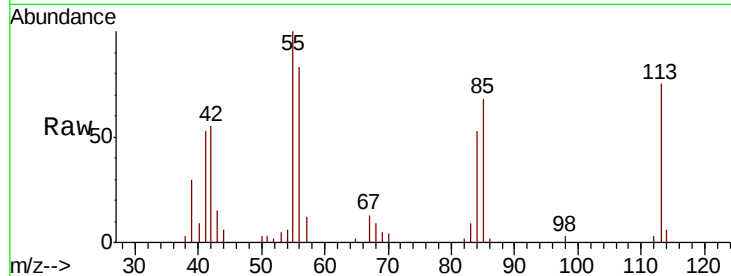




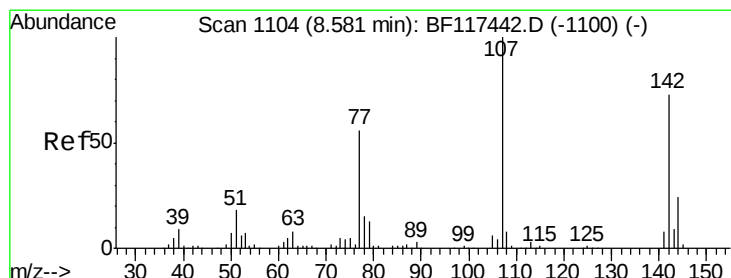
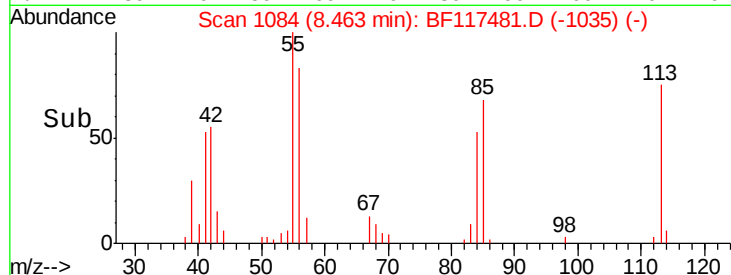
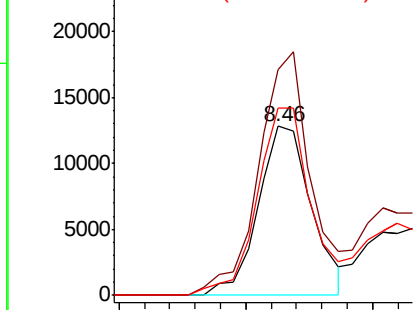
#35
 Caprolactam
 Concen: 19.278 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 18807
 Ion Ratio Lower Upper
 113 100
 55 133.6 108.8 148.8
 56 111.3 87.2 127.2

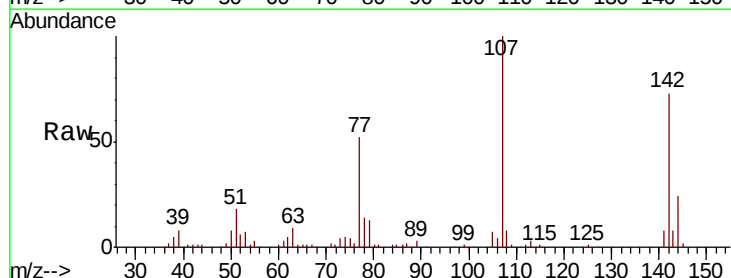


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

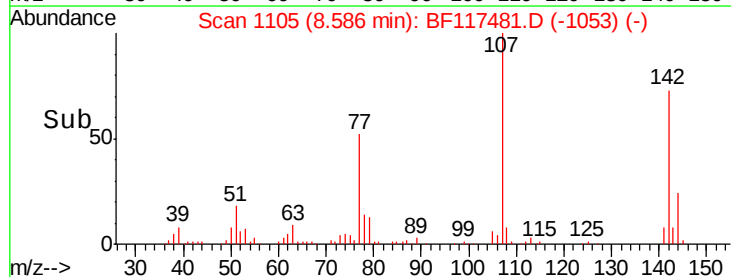
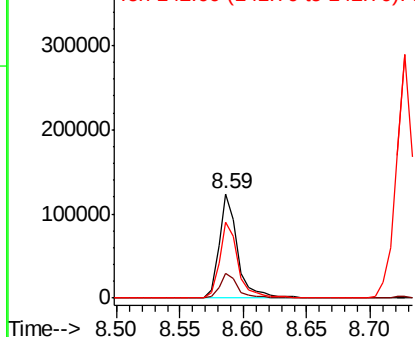


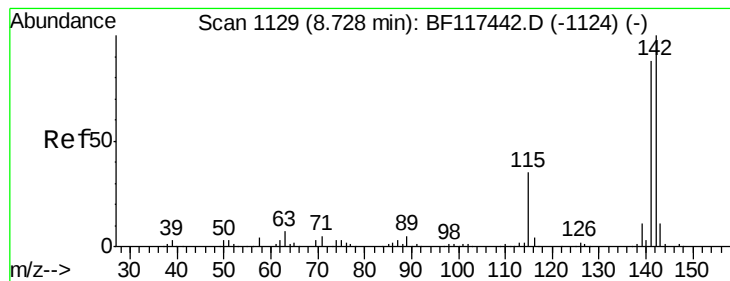
#36
 4-Chloro-3-methylphenol
 Concen: 36.925 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:107 Resp: 127888
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.9 28.3
 142 72.7 58.6 88.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.862 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

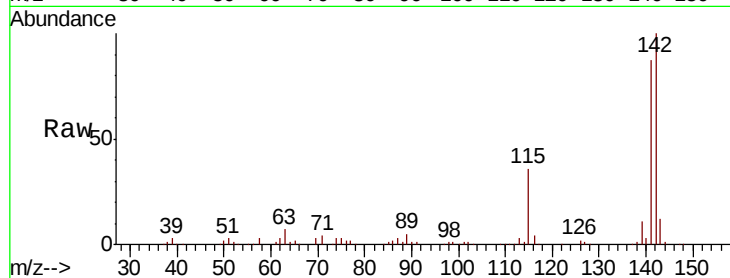
Tot Ion:142 Resp: 268180

Ion Ratio Lower Upper

142 100

141 87.0 70.3 105.5

115 35.6 28.2 42.2

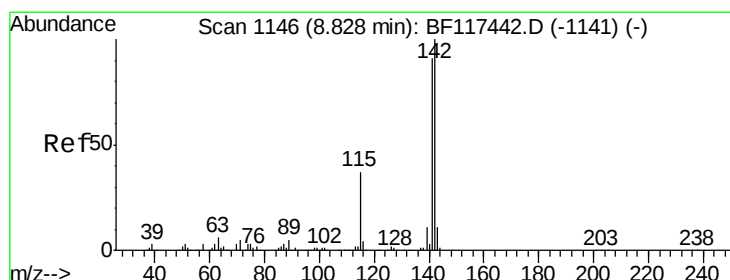
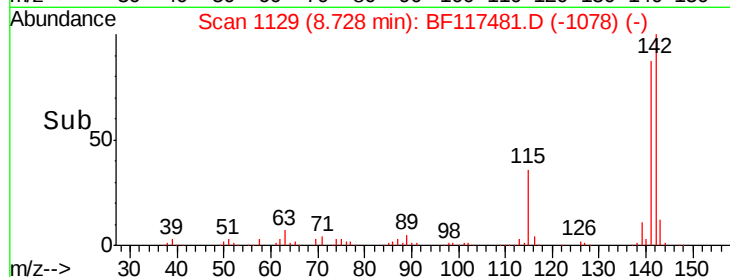
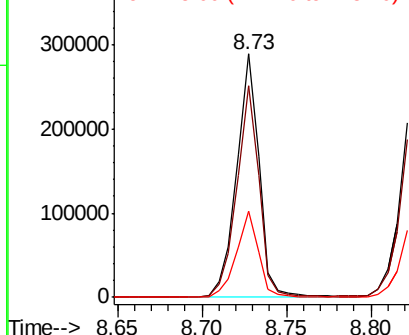


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.872 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

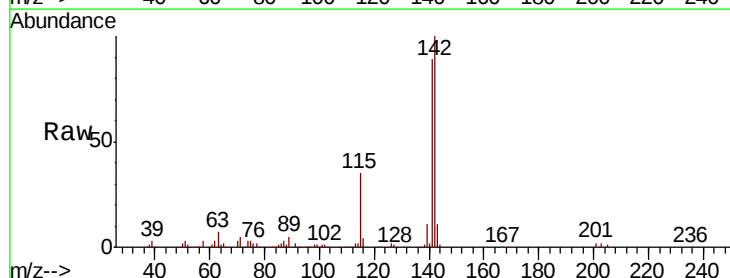
Tgt Ion:142 Resp: 252069

Ion Ratio Lower Upper

142 100

141 88.6 73.3 109.9

116 3.8 3.1 4.7

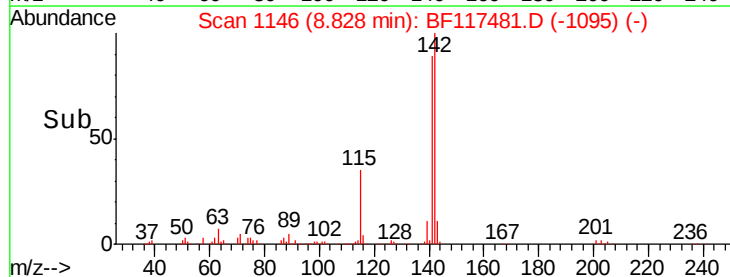
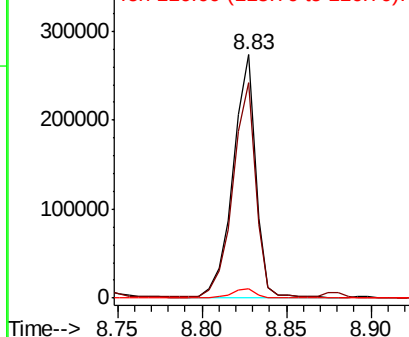


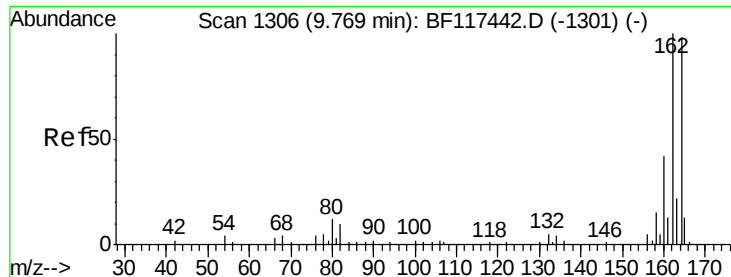
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

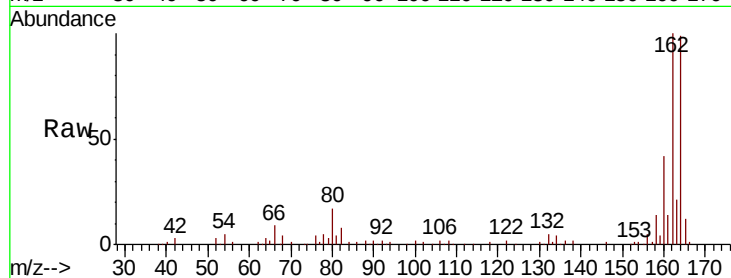
Tot Ion:164 Resp: 113413

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

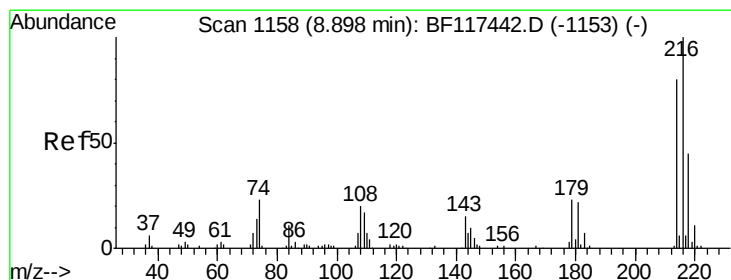
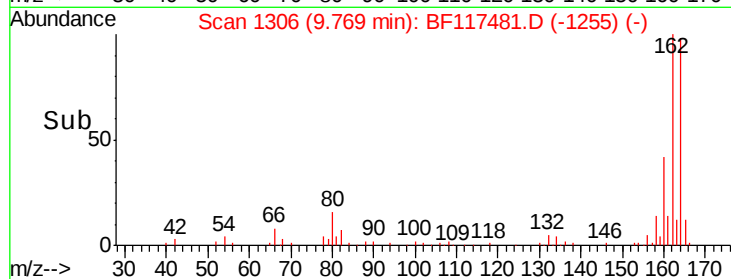
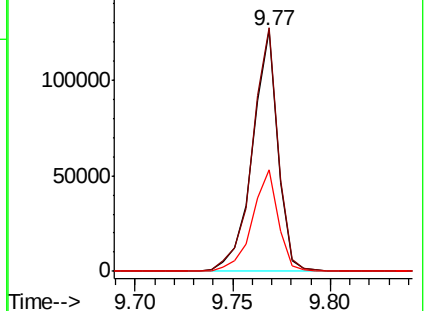
160 42.5 34.4 51.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.217 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:216 Resp: 101466

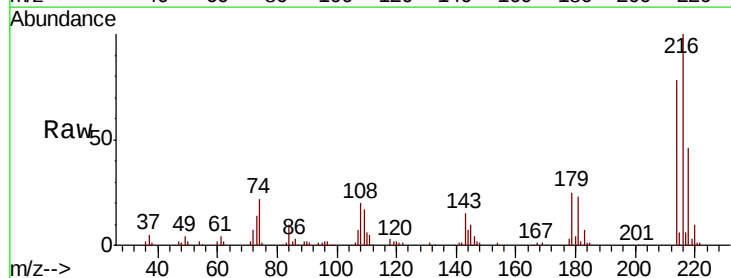
Ion Ratio Lower Upper

216 100

214 78.1 62.4 93.6

179 23.6 18.1 27.1

108 22.9 16.6 24.8

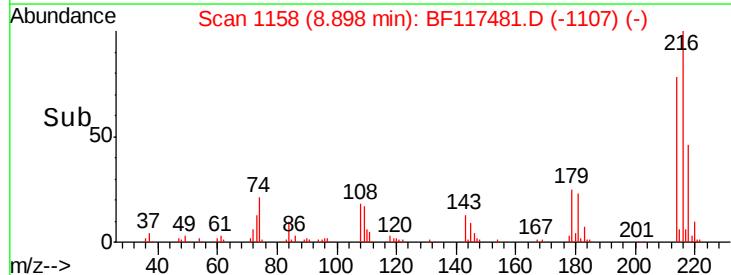
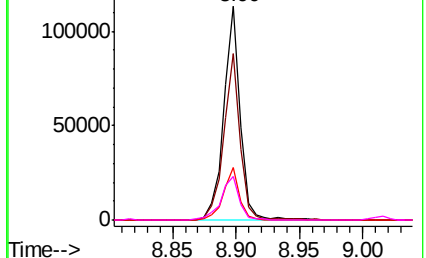


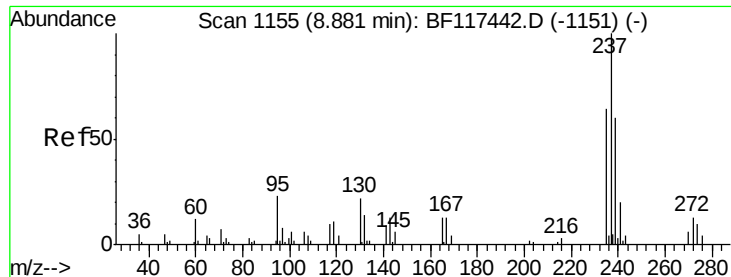
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.432 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

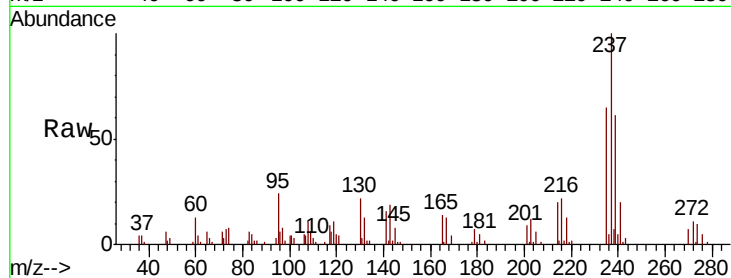
Tot Ion:237 Resp: 30498

Ion Ratio Lower Upper

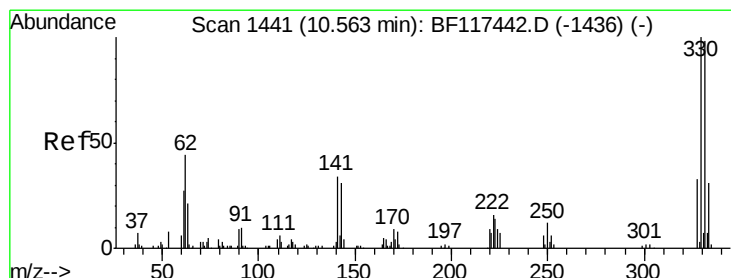
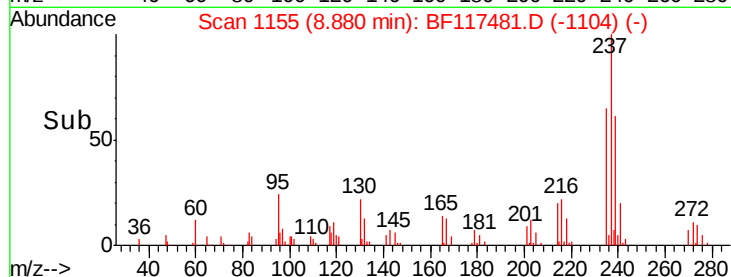
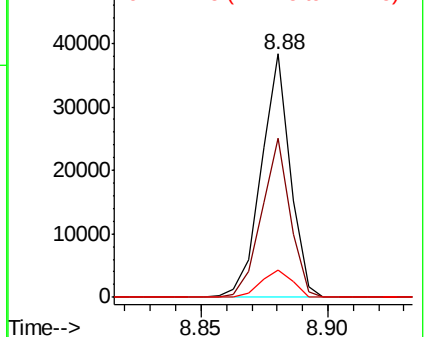
237 100

235 65.5 44.3 84.3

272 11.1 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 93.307 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

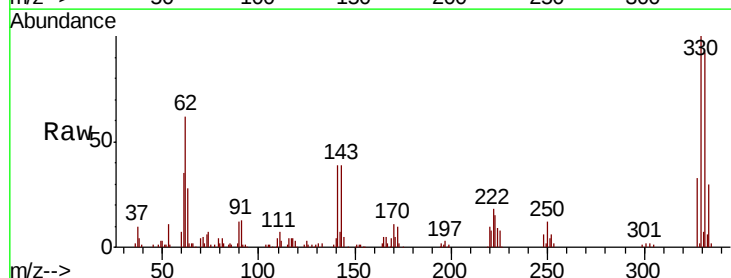
Tgt Ion:330 Resp: 91563

Ion Ratio Lower Upper

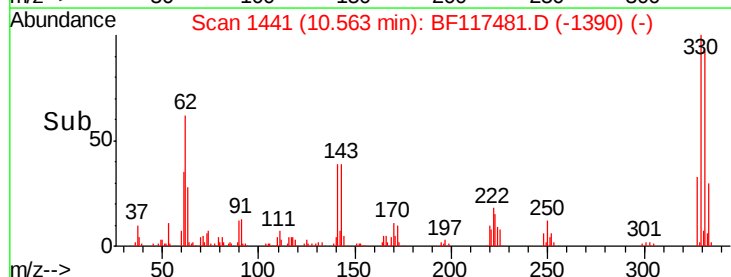
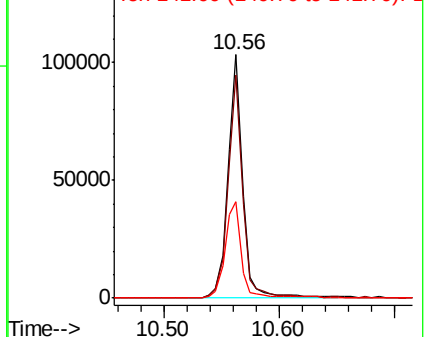
330 100

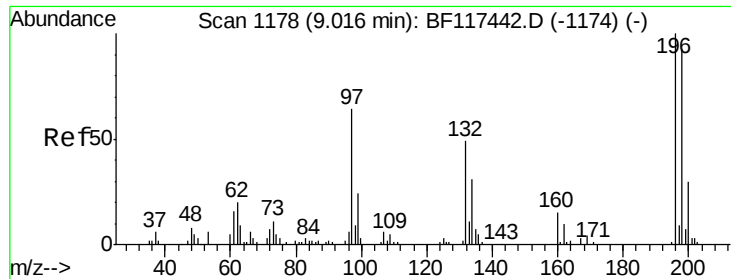
332 92.4 78.5 117.7

141 43.4 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

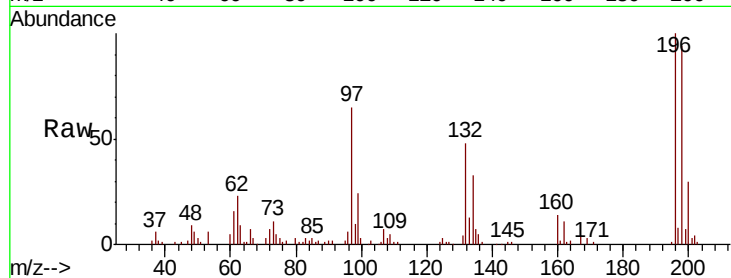




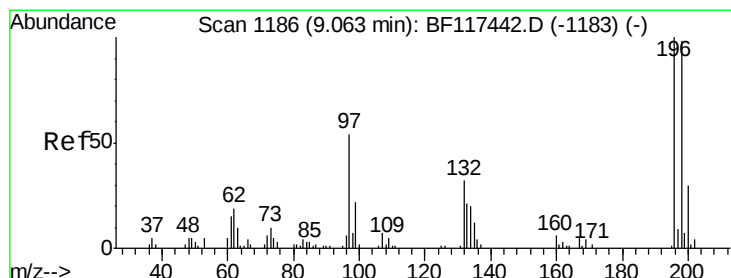
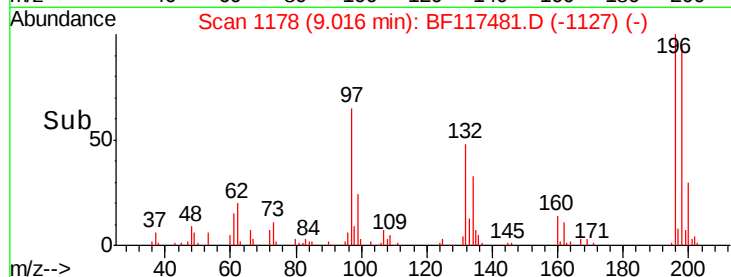
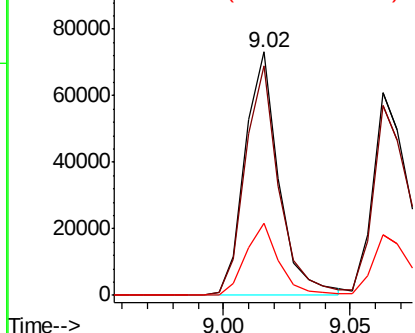
#43
 2,4,6-Trichlorophenol
 Concen: 35.663 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	68221
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.1	111.1
200	29.8	23.9	35.9



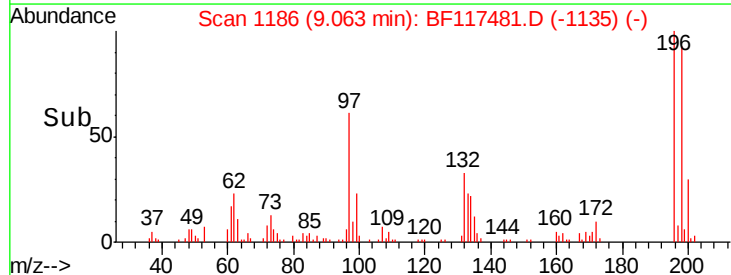
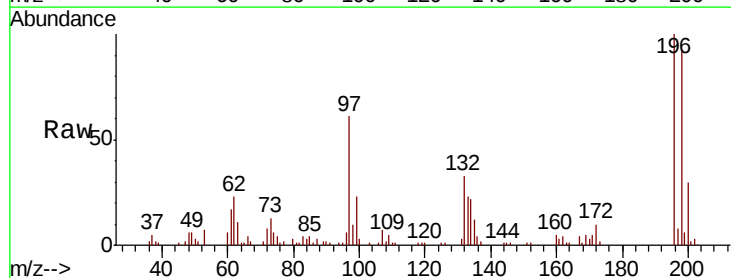
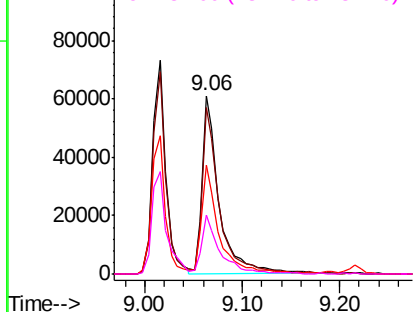
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

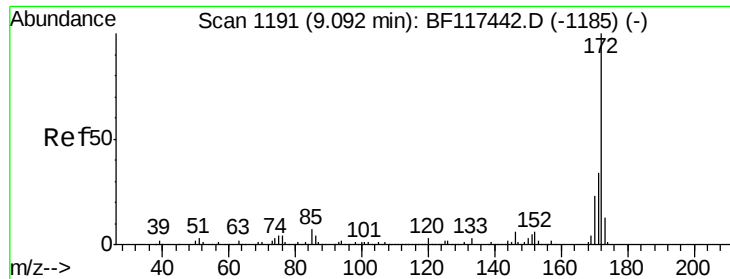


#44
 2,4,5-Trichlorophenol
 Concen: 37.787 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	196	Resp	73247
Ion Ratio	Lower	Upper	
196	100		
198	93.4	78.6	117.8
97	61.2	43.4	65.2
132	32.9	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

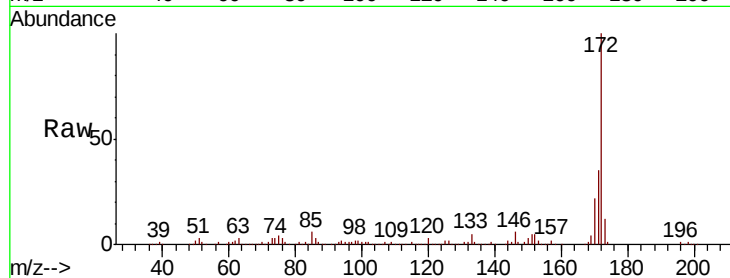




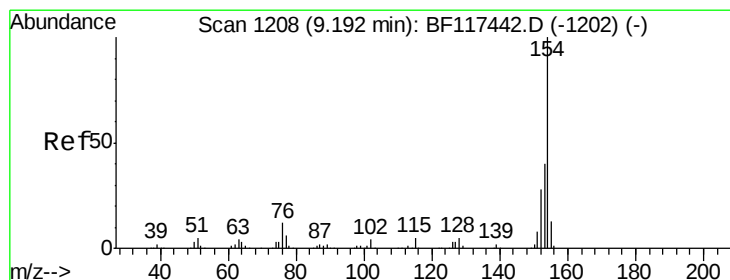
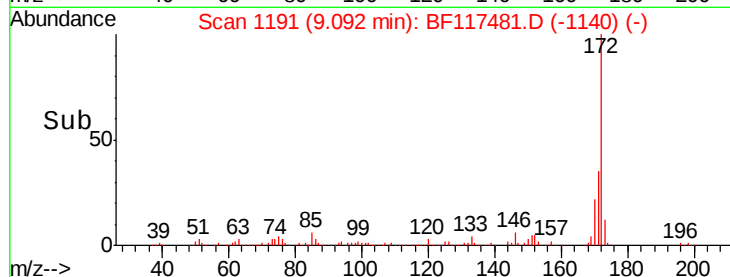
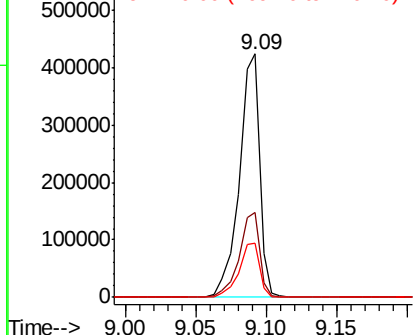
#45
2-Fluorobiphenyl
Concen: 53.042 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	22.4	18.6	27.8

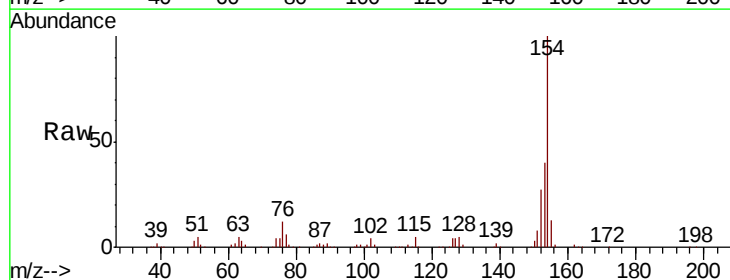


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

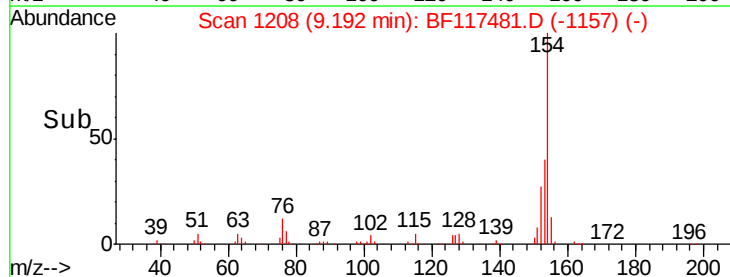
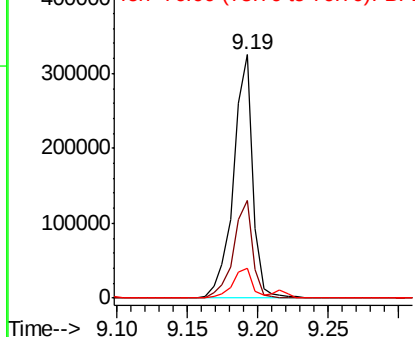


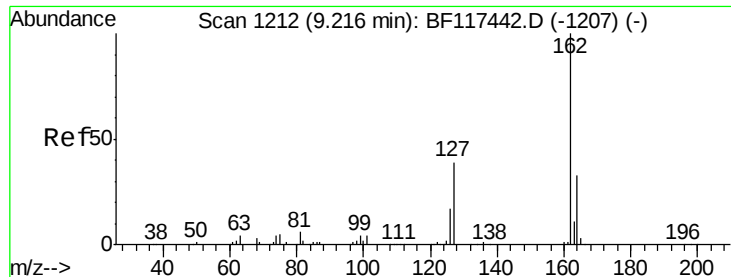
#46
1,1'-Biphenyl
Concen: 32.832 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	12.2	0.0	32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

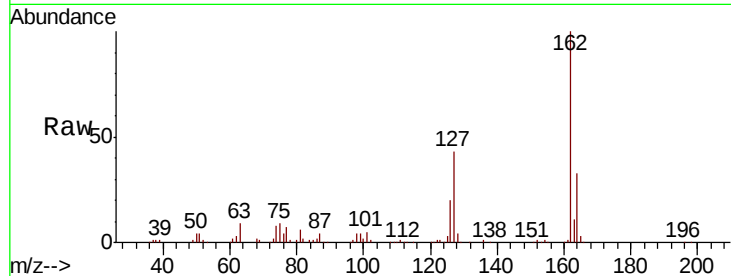




#47
 2-Chloronaphthalene
 Concen: 33.497 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.2	51.4
164	32.6	26.4	39.6

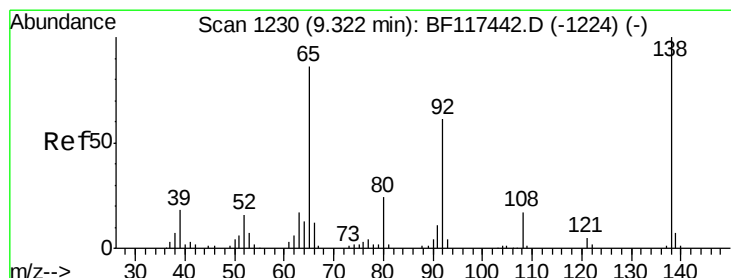
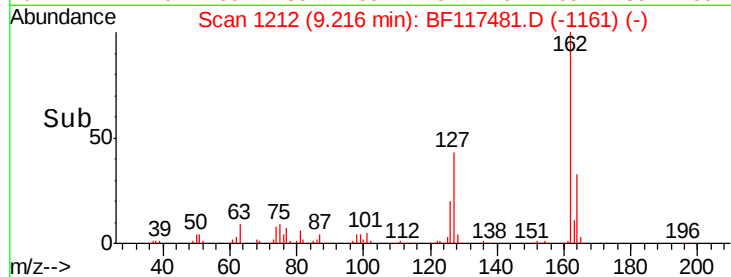
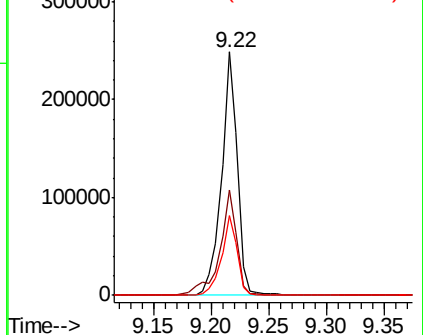


Abundance

Ion 162.00 (161.70 to 162.70): E

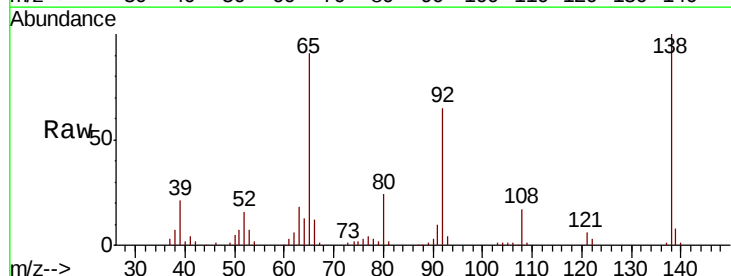
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 34.060 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.3	85.9
138	110.1	93.3	139.9

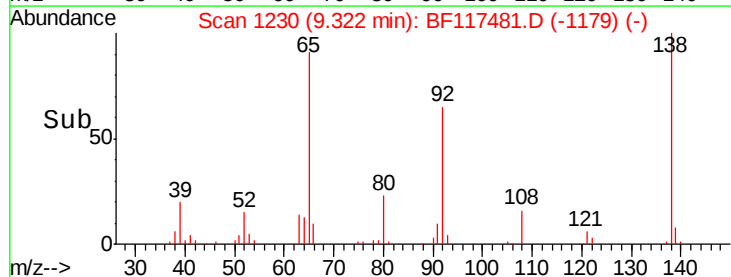
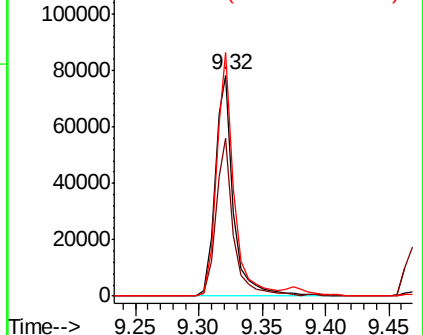


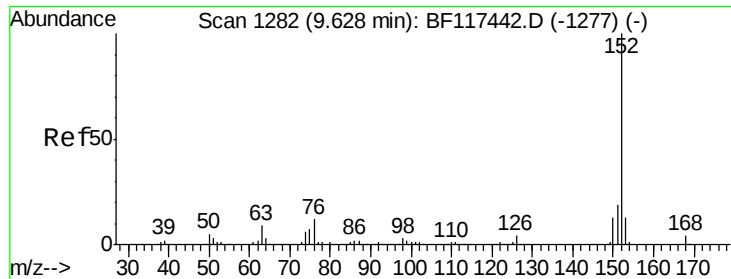
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.328 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

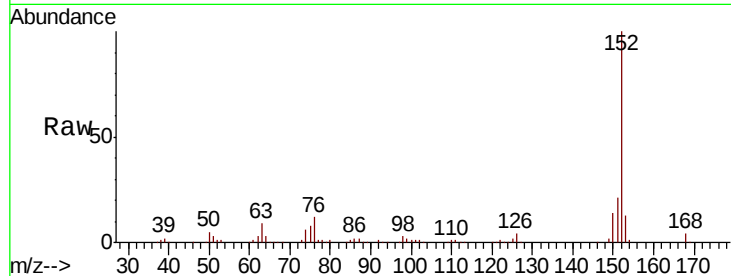
Tot Ion:152 Resp: 367342

Ion Ratio Lower Upper

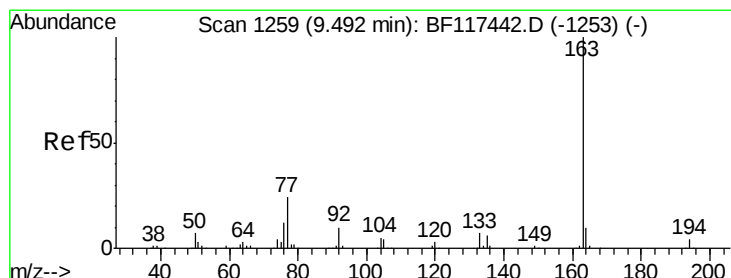
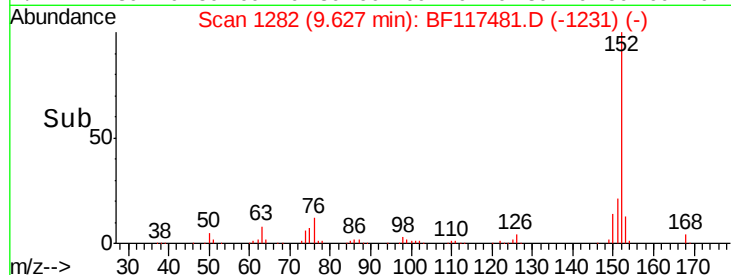
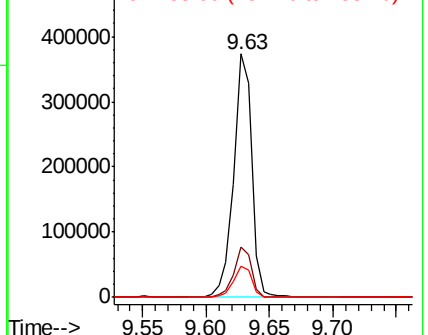
152 100

151 20.7 15.4 23.0

153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.654 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

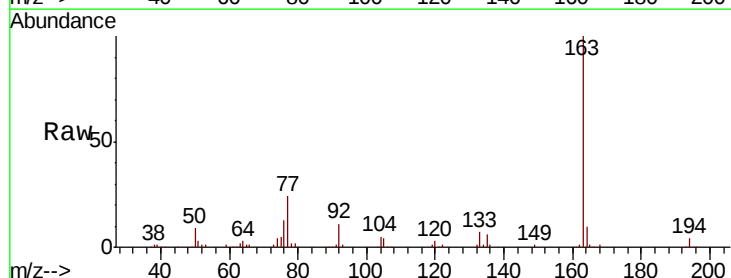
Tgt Ion:163 Resp: 272096

Ion Ratio Lower Upper

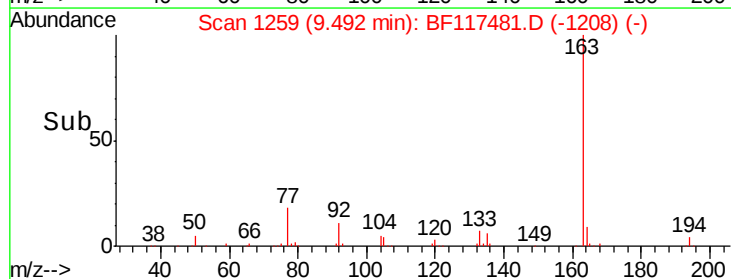
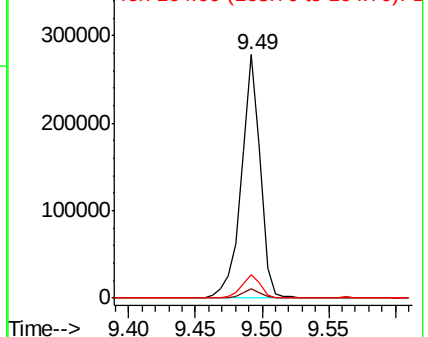
163 100

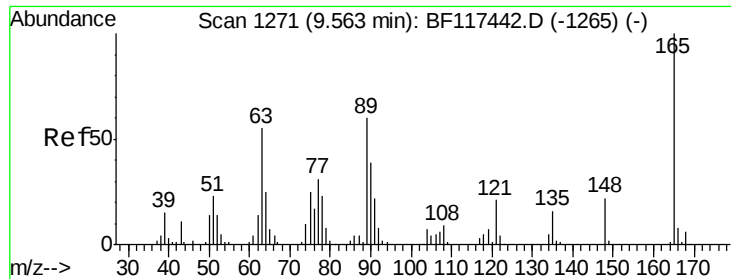
194 3.7 2.9 4.3

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

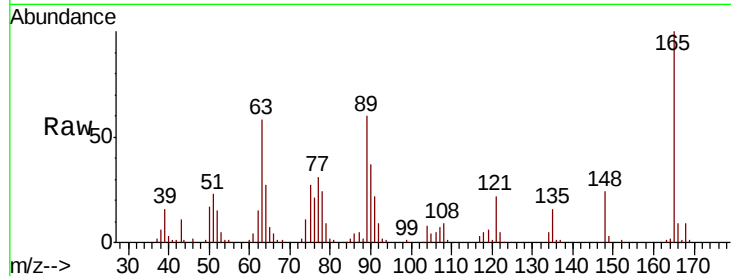




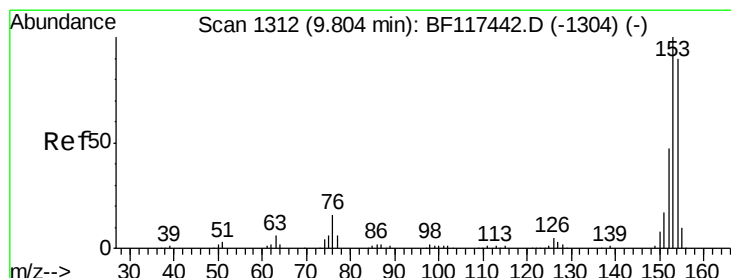
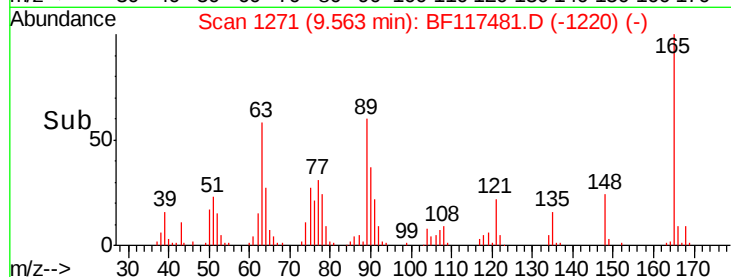
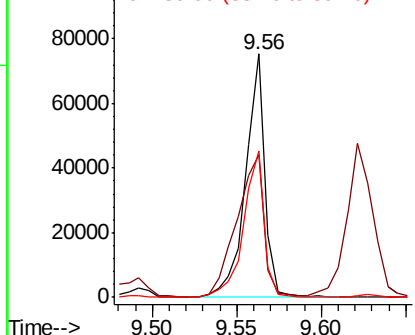
#51
 2,6-Dinitrotoluene
 Concen: 35.850 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 60485
 Ion Ratio Lower Upper
 165 100
 63 58.3 43.8 65.8
 89 60.4 47.6 71.4

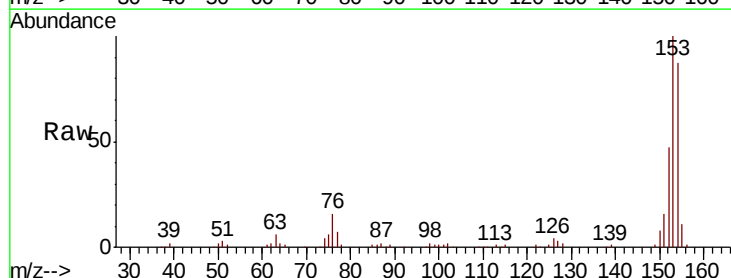


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

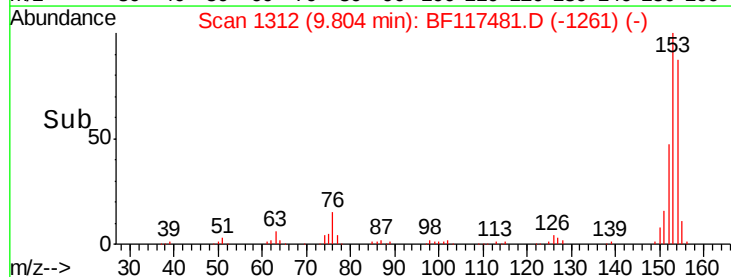
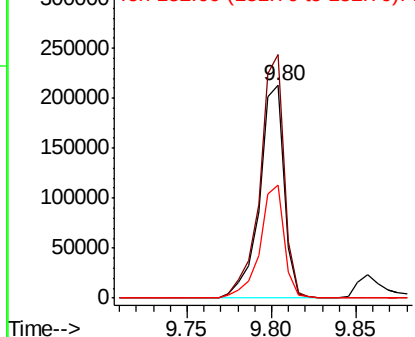


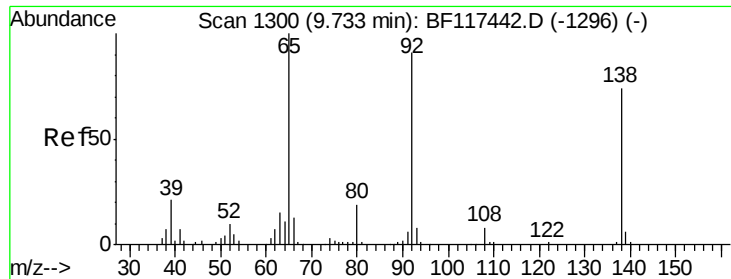
#52
 Acenaphthene
 Concen: 33.961 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:154 Resp: 216658
 Ion Ratio Lower Upper
 154 100
 153 114.4 89.2 133.8
 152 53.3 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

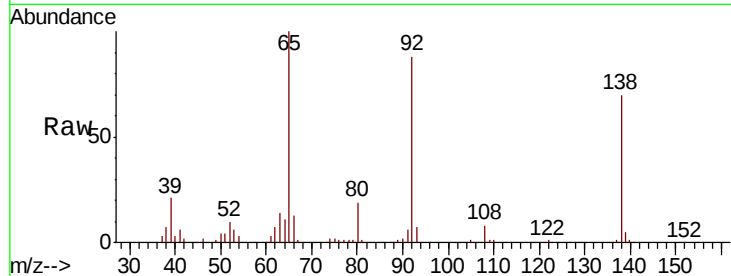




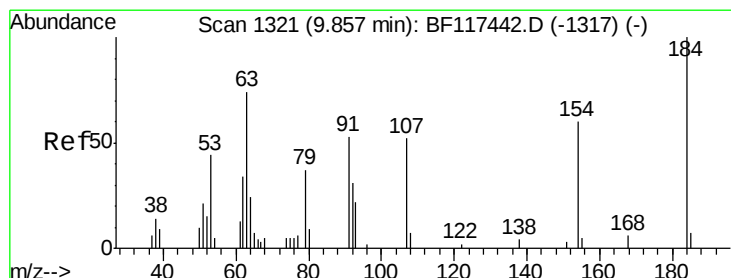
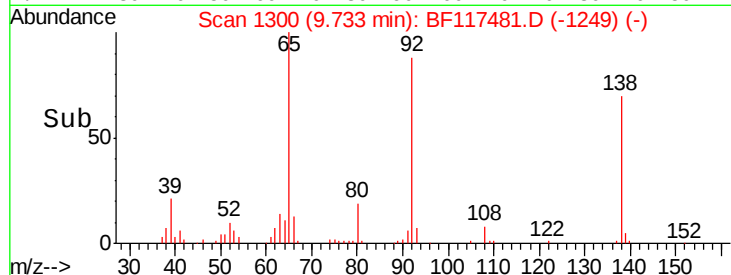
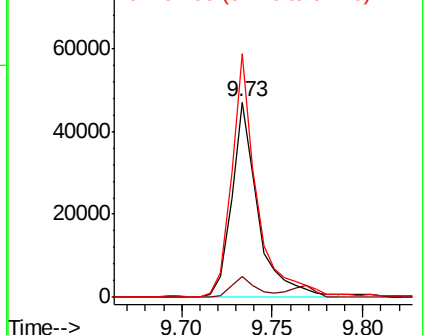
#53
3-Nitroaniline
Concen: 23.349 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 47797
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 124.8 98.4 147.6

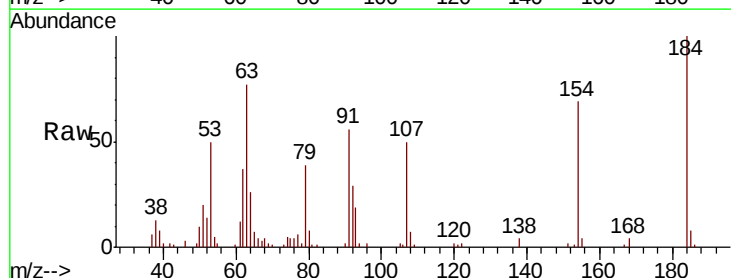


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

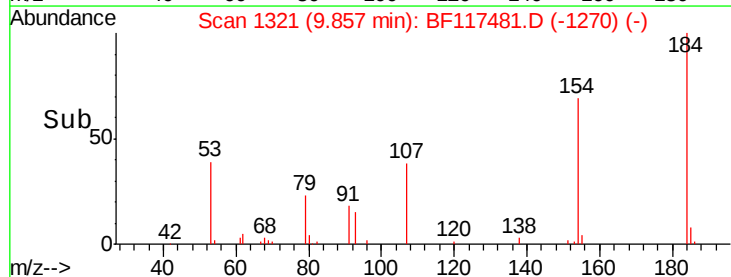
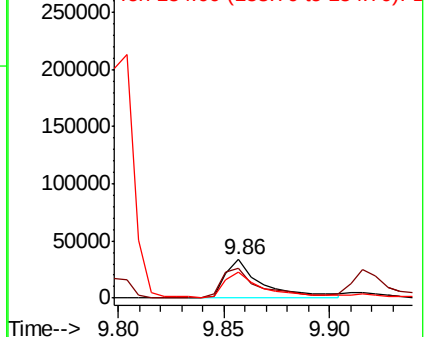


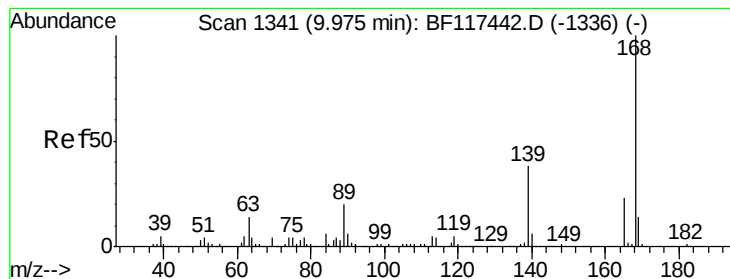
#54
2,4-Dinitrophenol
Concen: 61.051 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:184 Resp: 41823
Ion Ratio Lower Upper
184 100
63 76.7 59.2 88.8
154 68.7 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.812 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

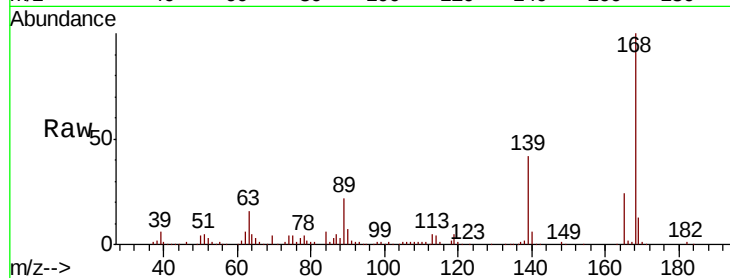
Tot Ion:168 Resp: 321760

Ion Ratio Lower Upper

168 100

139 41.5 31.8 47.6

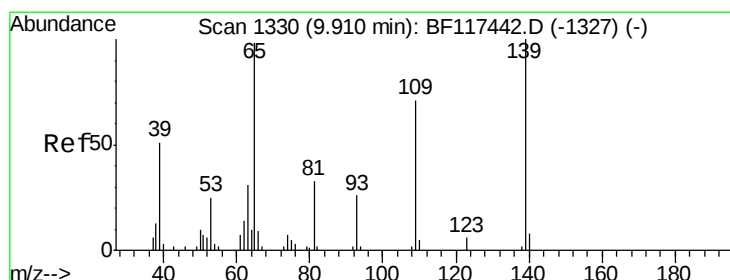
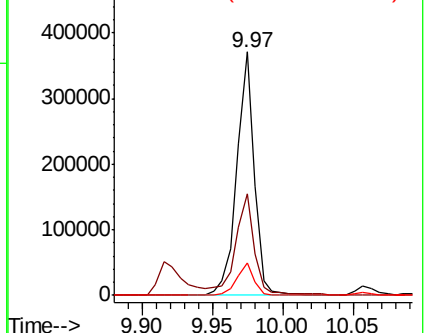
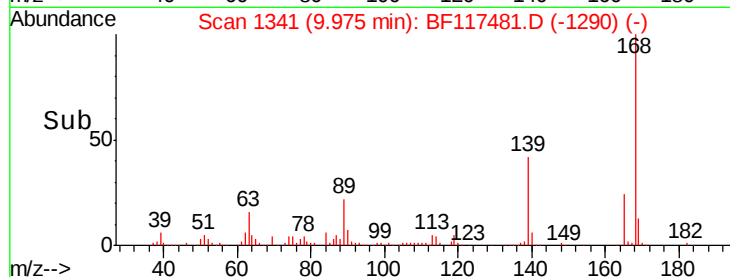
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 67.328 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

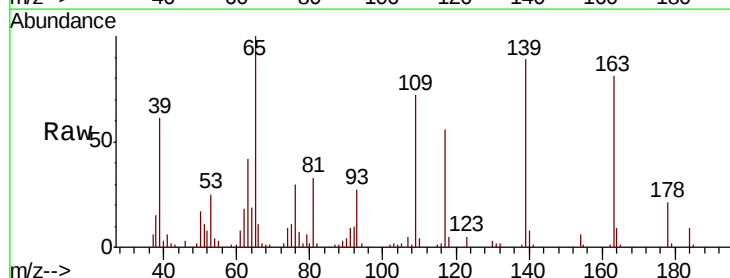
Tgt Ion:139 Resp: 62793

Ion Ratio Lower Upper

139 100

109 80.5 51.4 91.4

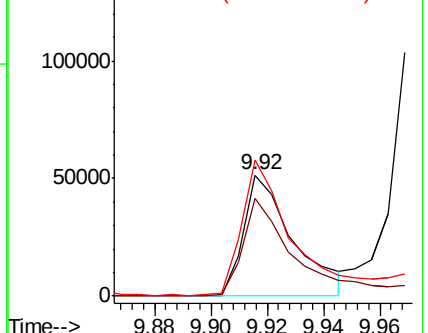
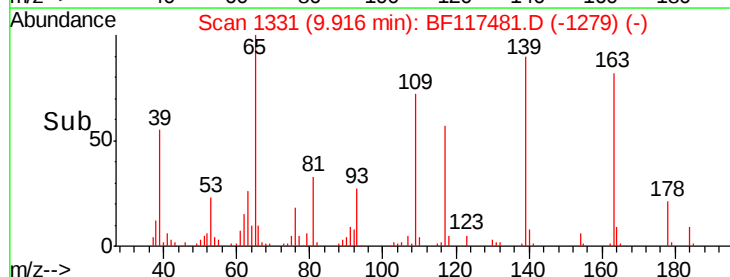
65 112.2 79.4 119.4

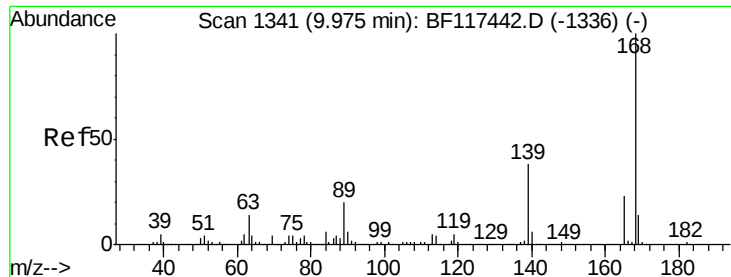


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

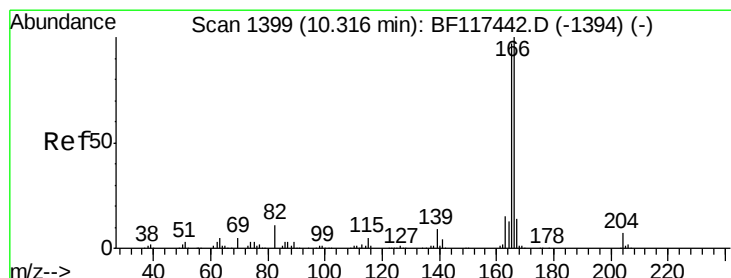
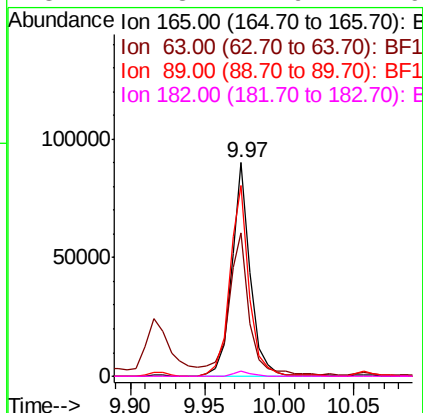
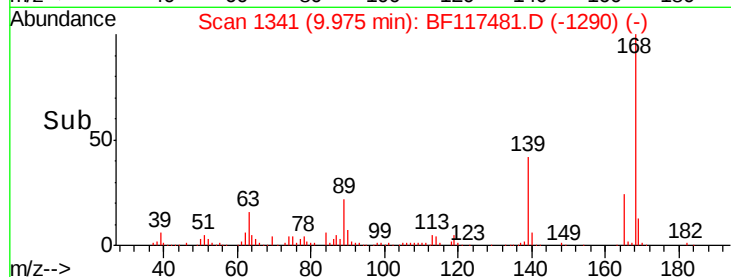
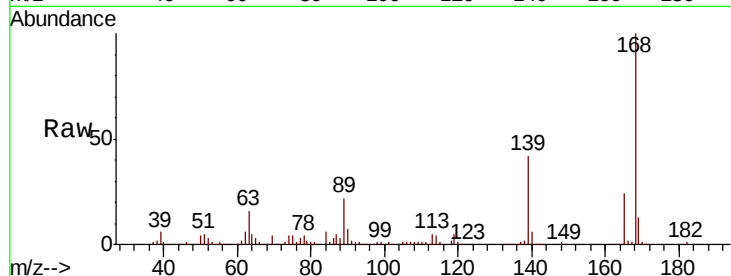




#57
2,4-Dinitrotoluene
Concen: 35.364 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

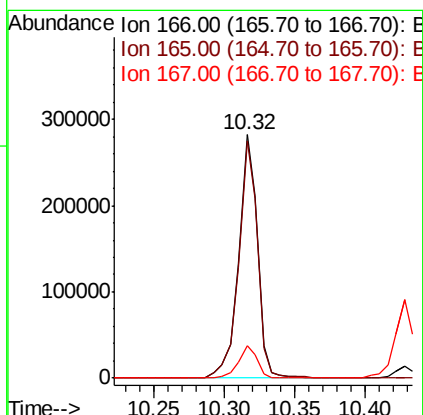
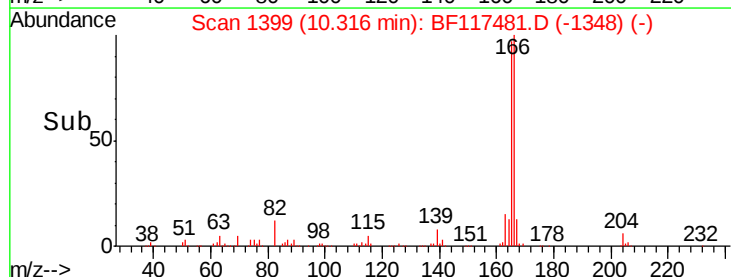
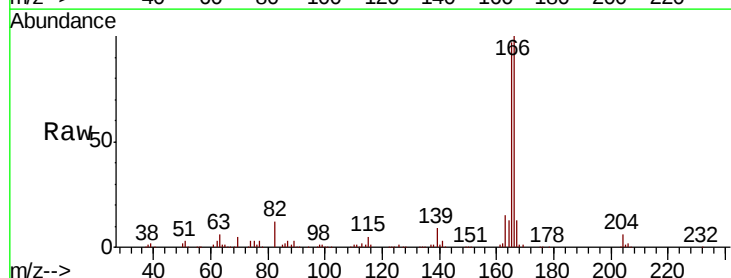
Instrument :
BNA_F
ClientSampleId :

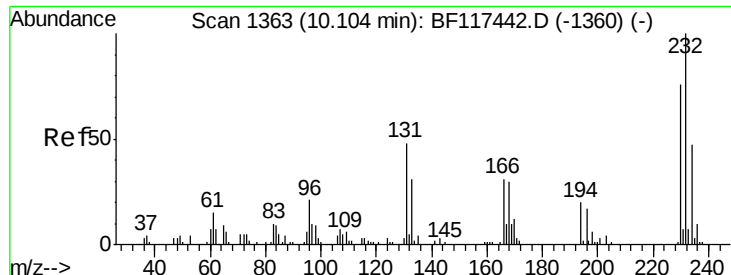
Tot Ion:165 Resp: 79327
Ion Ratio Lower Upper
165 100
63 66.9 51.4 77.0
89 89.1 69.9 104.9
182 2.3 1.9 2.9



#58
Fluorene
Concen: 34.325 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:166 Resp: 262360
Ion Ratio Lower Upper
166 100
165 97.4 77.6 116.4
167 13.1 11.0 16.4

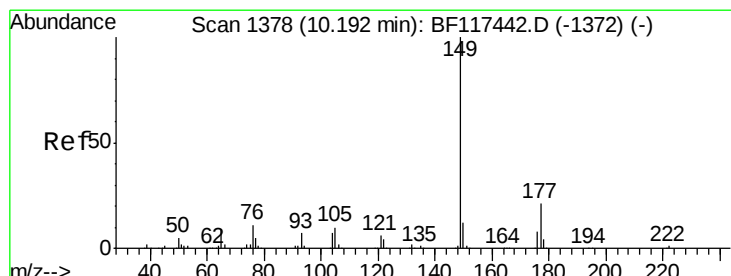
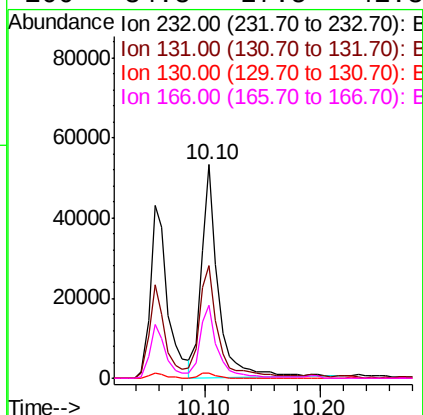
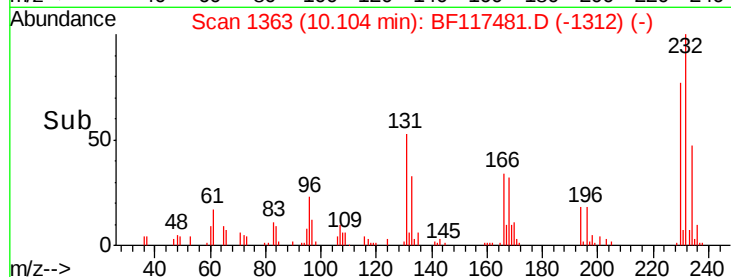
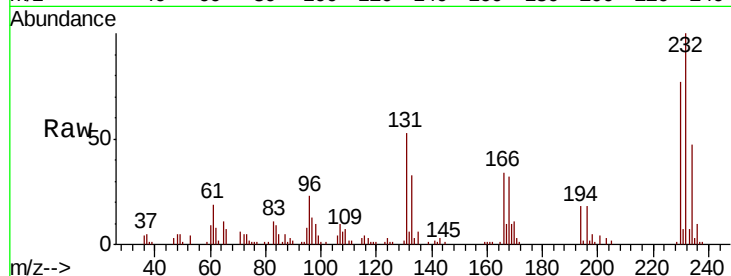




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.668 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

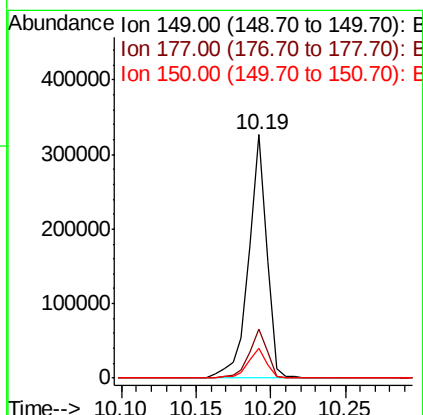
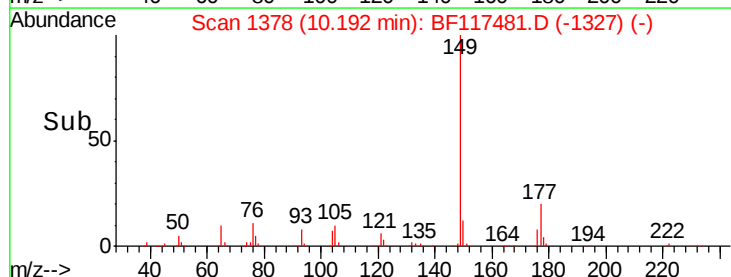
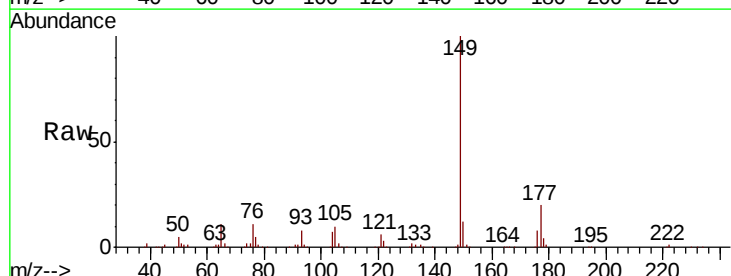
Instrument :
 BNA_F
 ClientSampleId :

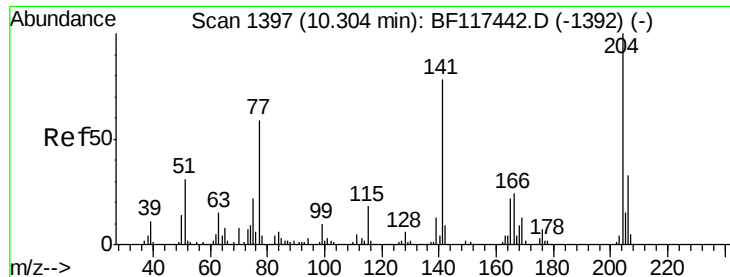
Tot Ion:232 Resp: 54340
 Ion Ratio Lower Upper
 232 100
 131 57.3 42.6 63.8
 130 2.6 2.2 3.4
 166 34.8 27.5 41.3



#60
 Diethylphthalate
 Concen: 33.408 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:149 Resp: 273206
 Ion Ratio Lower Upper
 149 100
 177 20.1 17.0 25.4
 150 12.0 9.8 14.6

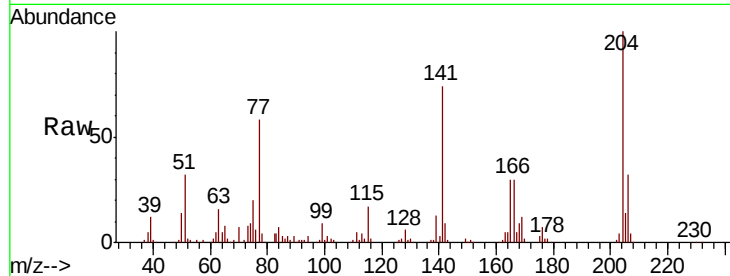




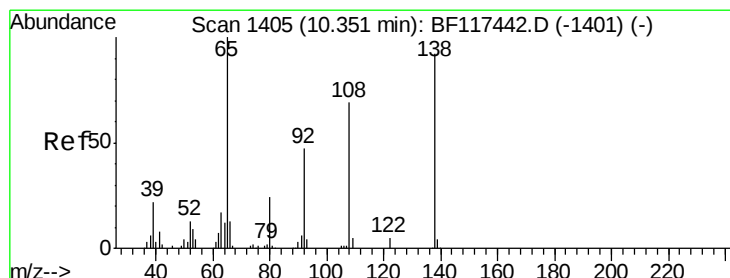
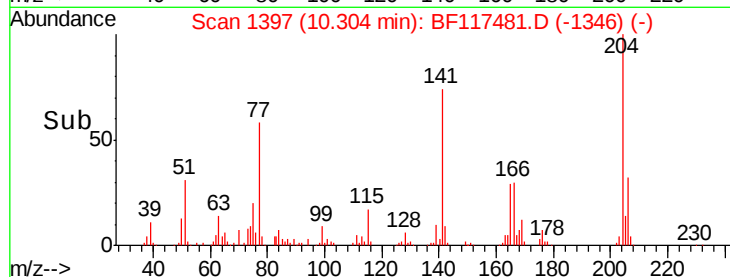
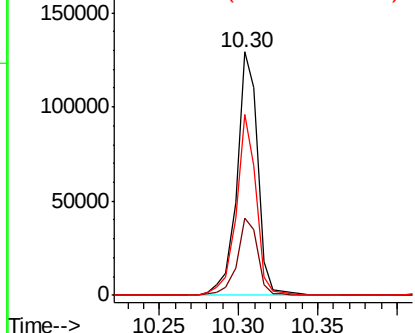
#61
4-Chlorophenyl-phenylether
Concen: 34.219 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 117346
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 74.3 62.2 93.4

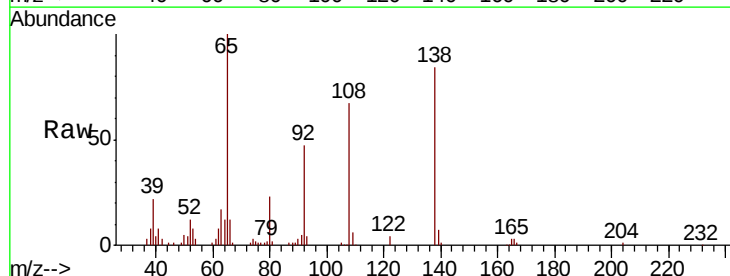


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

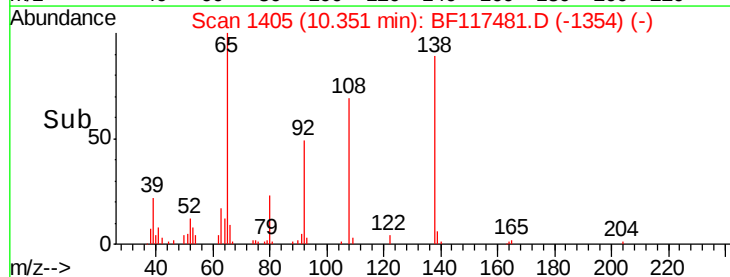
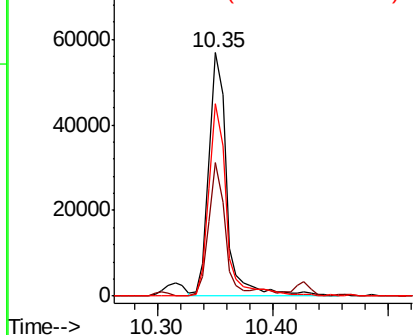


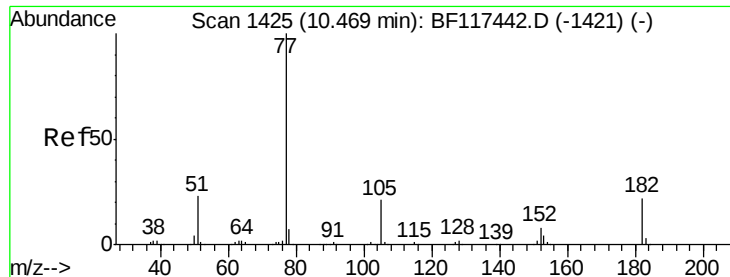
#62
4-Nitroaniline
Concen: 32.199 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:138 Resp: 62128
Ion Ratio Lower Upper
138 100
92 55.1 30.3 70.3
108 79.2 54.9 94.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.625 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 289867

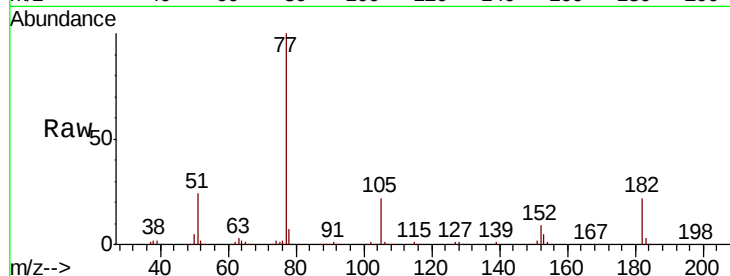
Ion Ratio Lower Upper

77 100

182 22.5 2.3 42.3

105 21.9 1.3 41.3

51 23.8 3.5 43.5

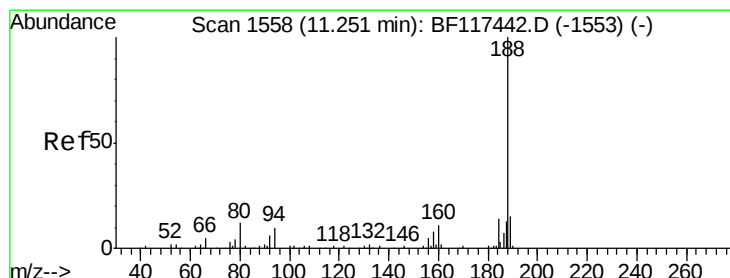
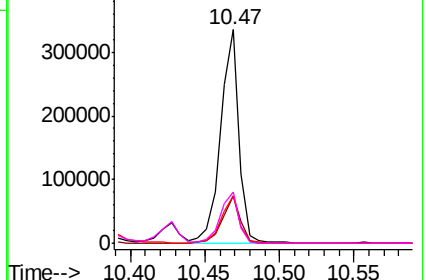
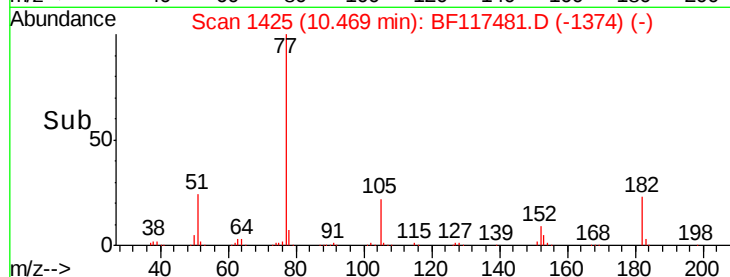


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

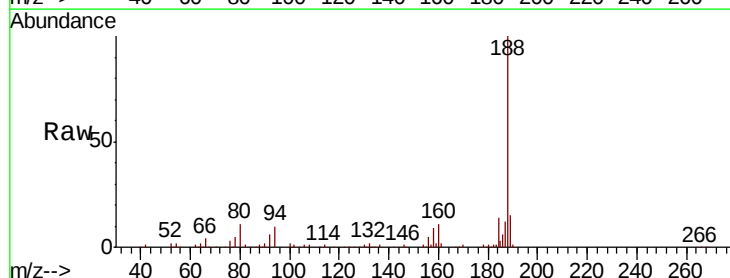
Tgt Ion: 188 Resp: 179817

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

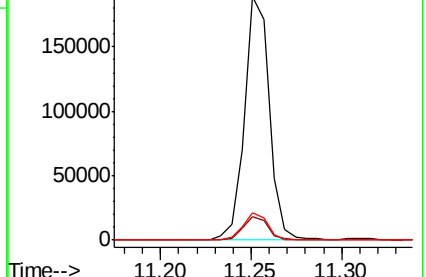
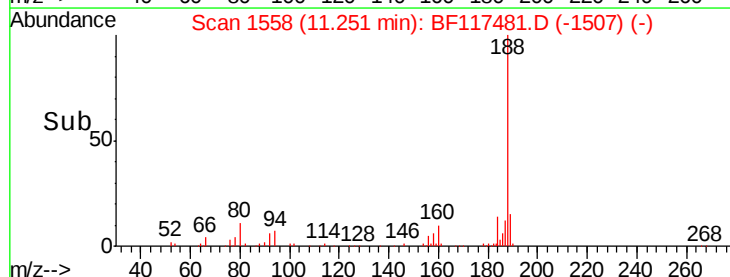
80 11.2 9.5 14.3

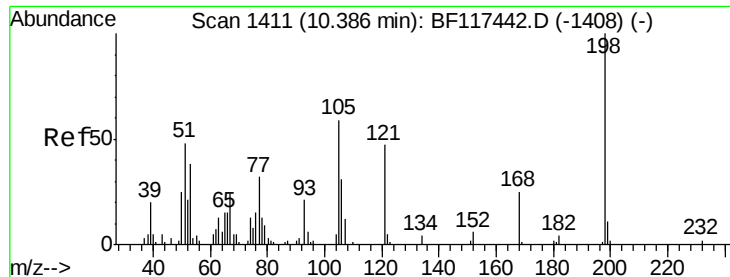


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

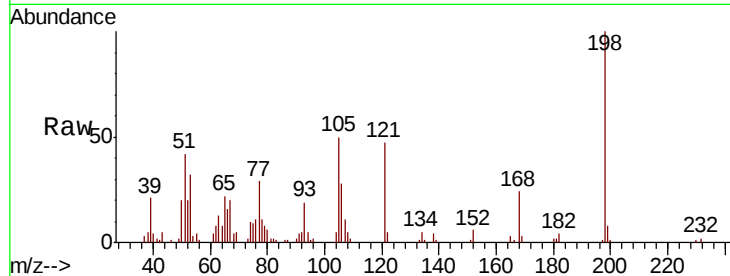




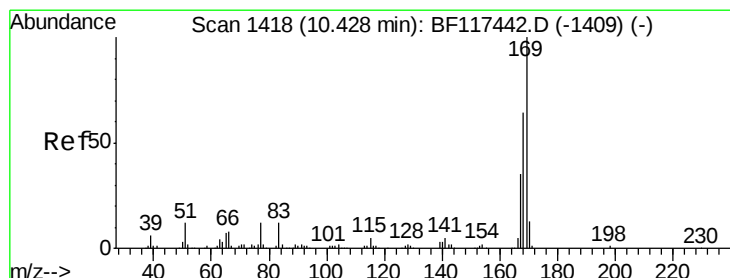
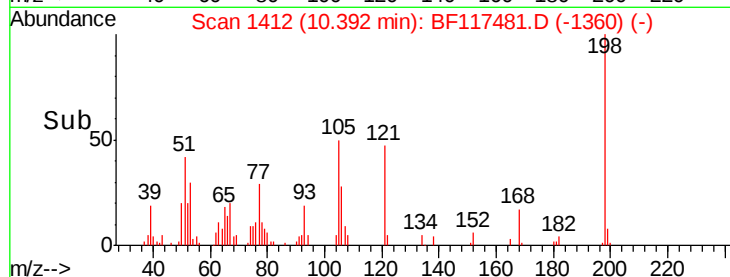
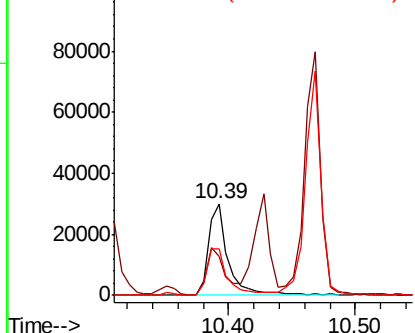
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.888 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 32810
 Ion Ratio Lower Upper
 198 100
 51 42.5 29.1 69.1
 105 50.3 39.4 79.4

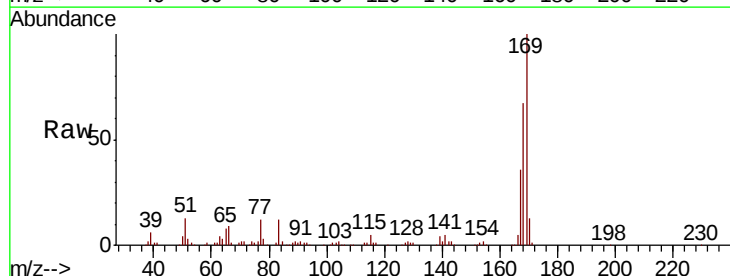


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

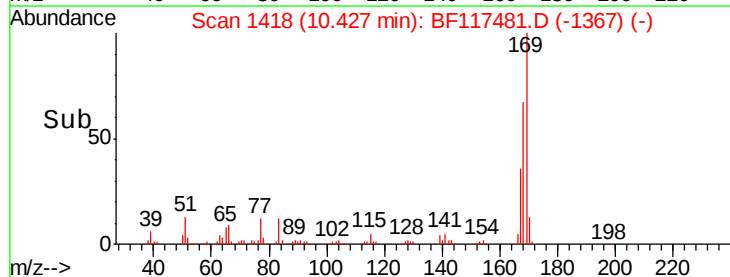
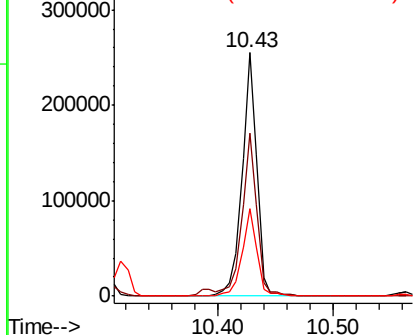


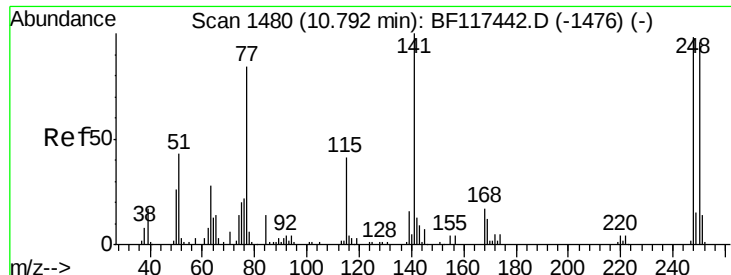
#66
 n-Nitrosodiphenylamine
 Concen: 34.672 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:169 Resp: 227922
 Ion Ratio Lower Upper
 169 100
 168 67.2 51.3 76.9
 167 35.8 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

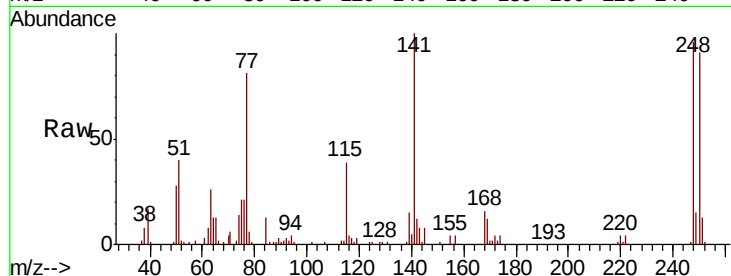




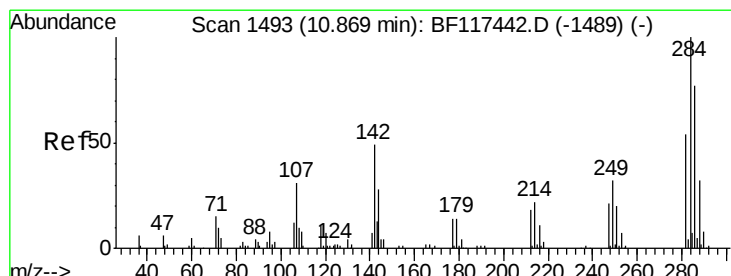
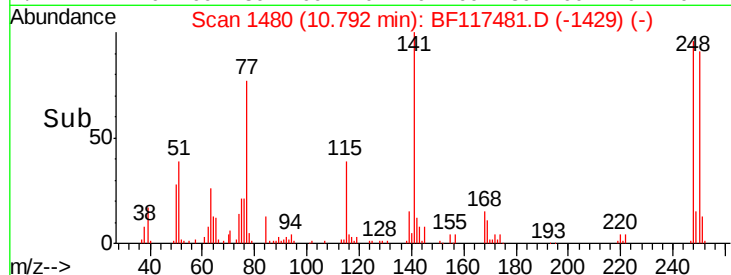
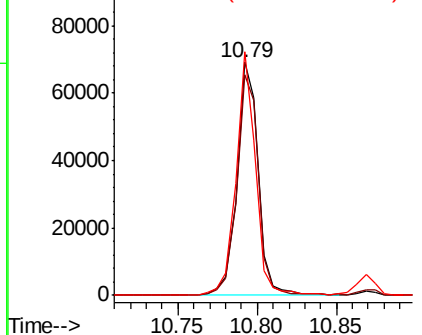
#67
 4-Bromophenyl-phenylether
 Concen: 33.061 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 64034
 Ion Ratio Lower Upper
 248 100
 250 94.8 78.0 117.0
 141 104.5 81.7 122.5

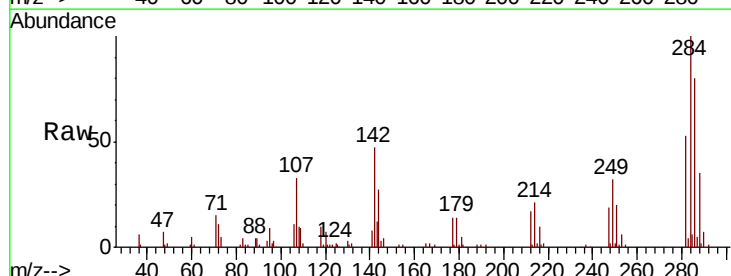


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

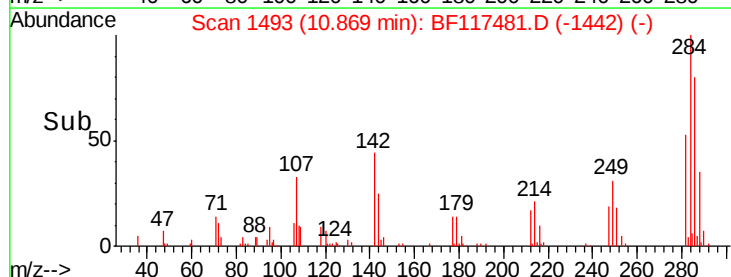
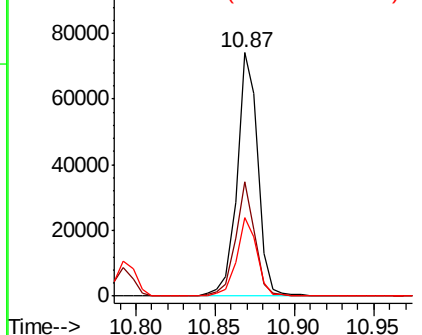


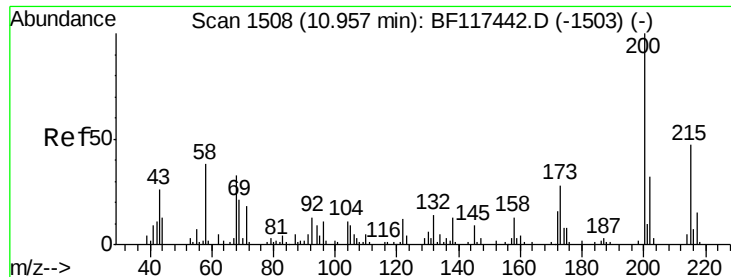
#68
 Hexachlorobenzene
 Concen: 32.362 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion:284 Resp: 67127
 Ion Ratio Lower Upper
 284 100
 142 47.2 39.0 58.6
 249 32.2 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

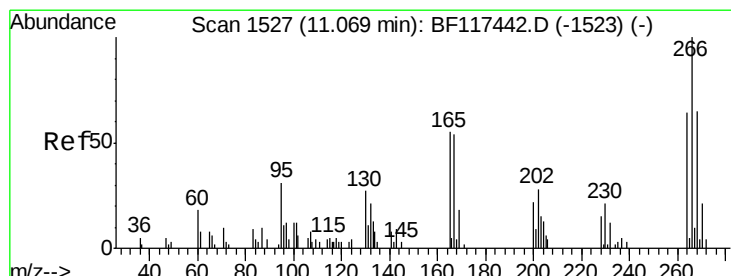
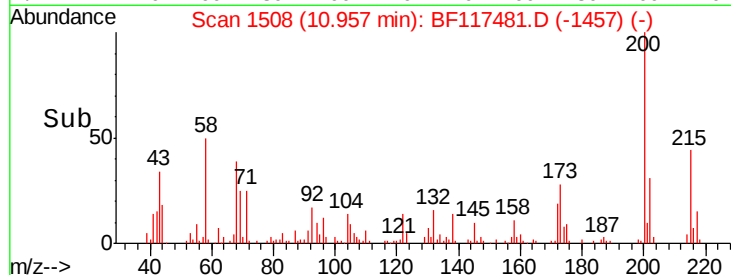
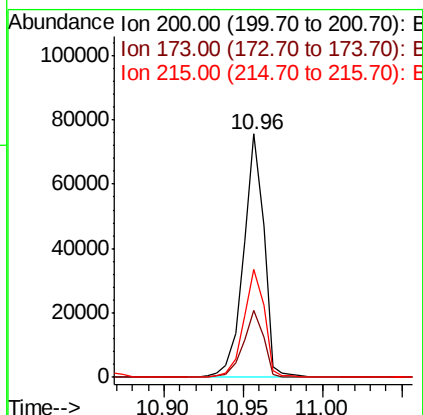
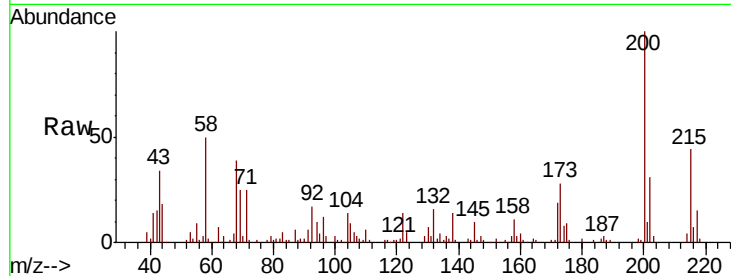




#69
 Atrazine
 Concen: 40.265 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

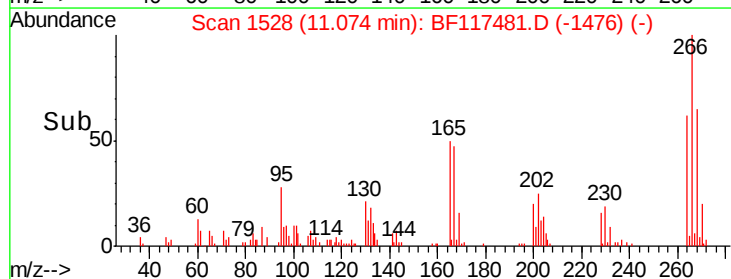
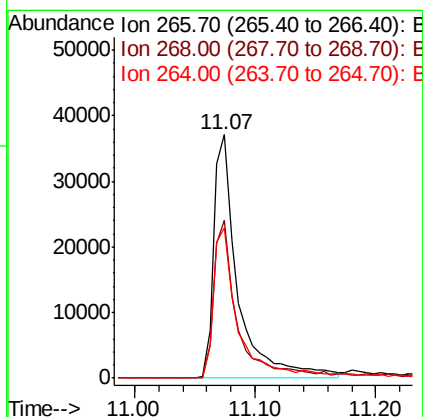
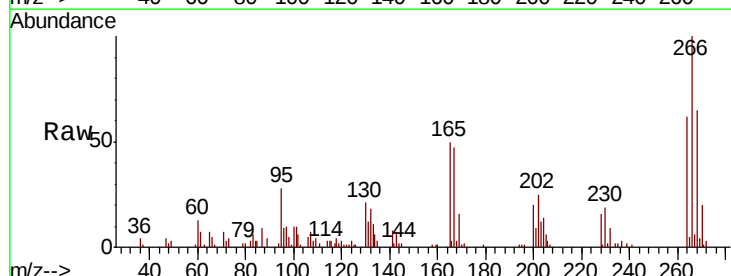
Instrument :
 BNA_F
 ClientSampleId :

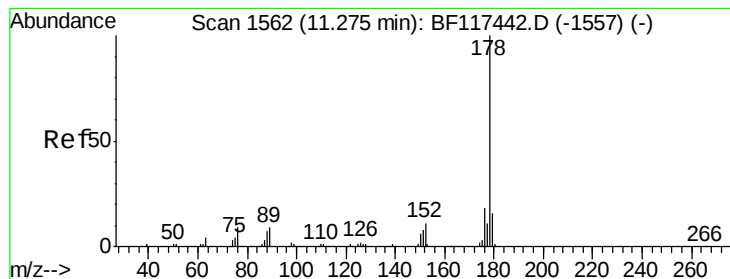
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.2	48.2
215	44.3	26.8	66.8



#70
 Pentachlorophenol
 Concen: 81.979 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	61.9	51.4	77.2





#71

Phenanthrene

Concen: 35.005 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

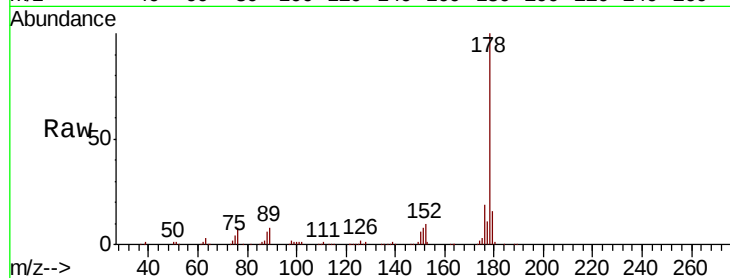
Tot Ion:178 Resp: 365501

Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

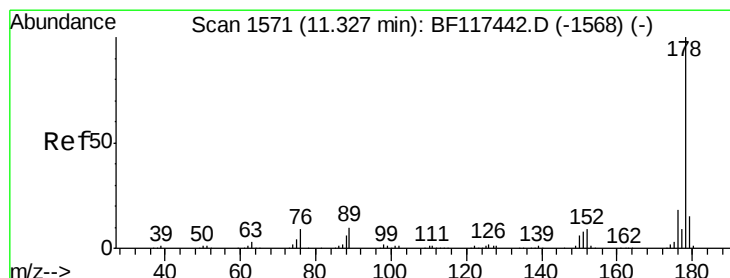
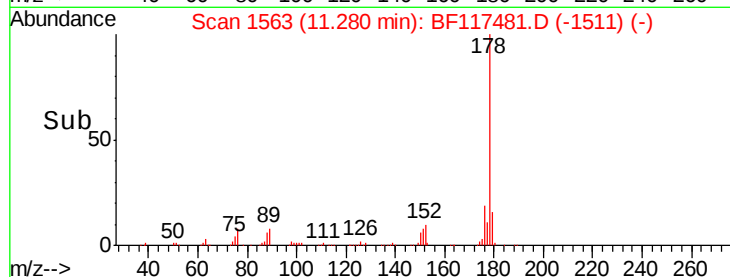
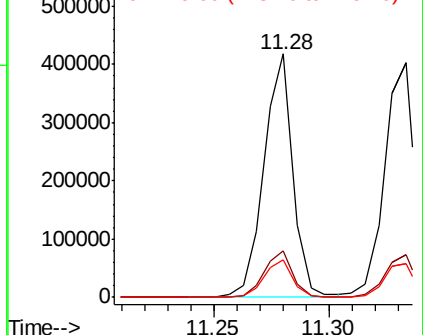
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.543 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

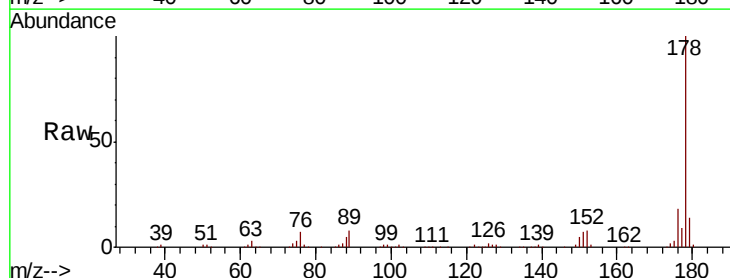
Tgt Ion:178 Resp: 380788

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

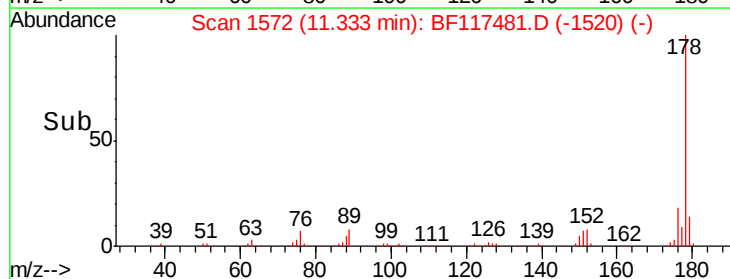
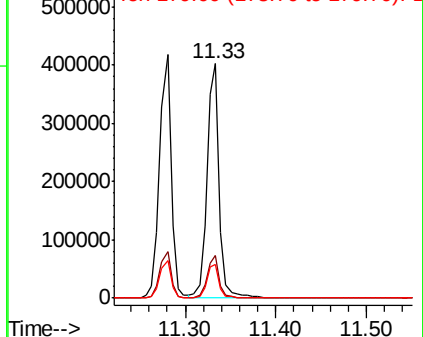
179 14.4 12.2 18.2

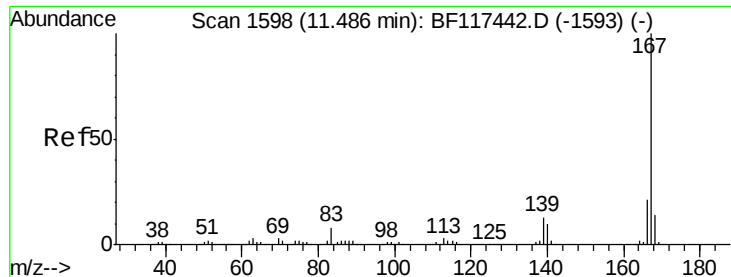


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.320 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

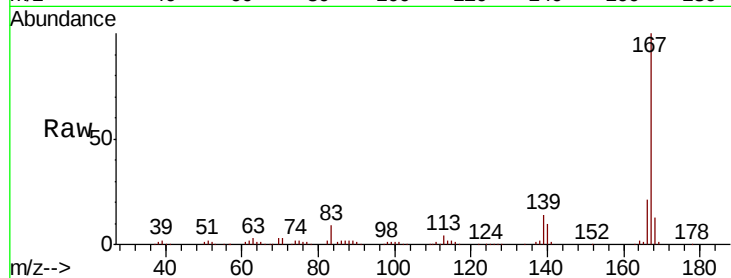
Tot Ion:167 Resp: 345811

Ion Ratio Lower Upper

167 100

166 20.6 17.0 25.6

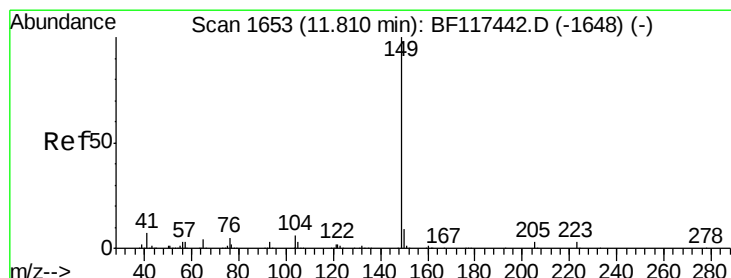
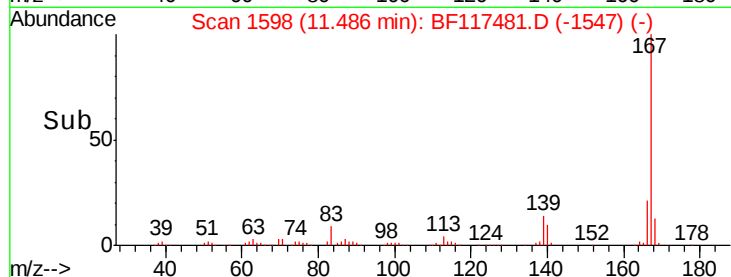
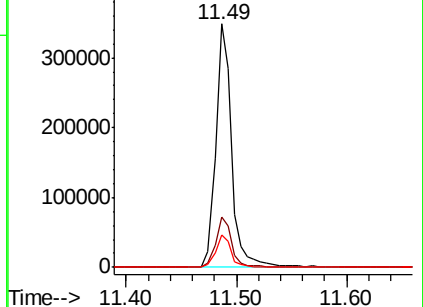
139 13.6 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 32.396 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

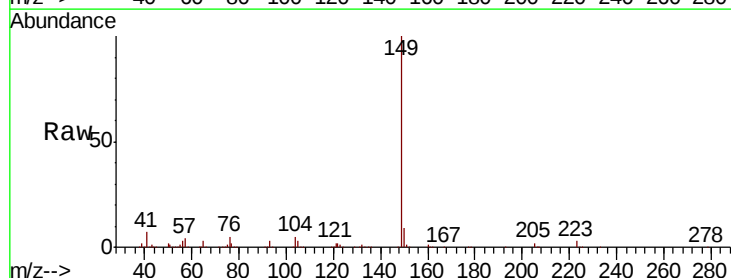
Tgt Ion:149 Resp: 423805

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

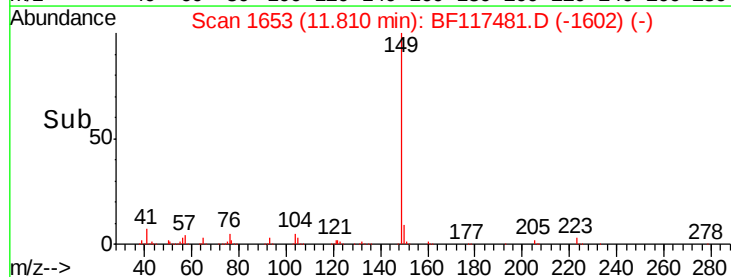
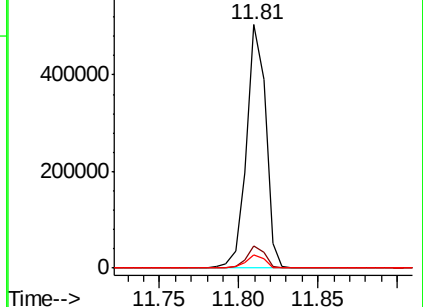
104 5.4 4.6 6.8

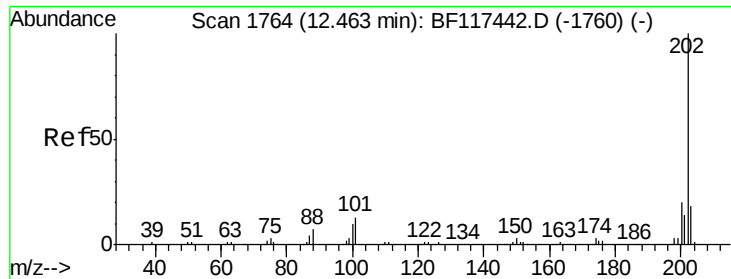


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

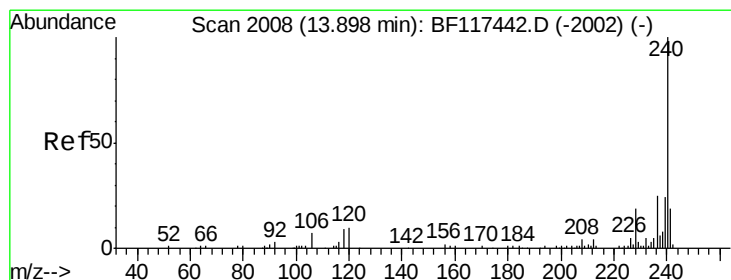
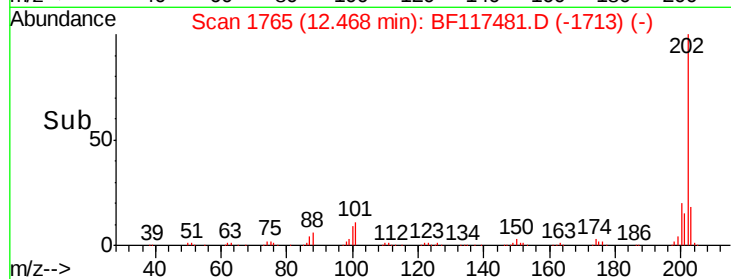
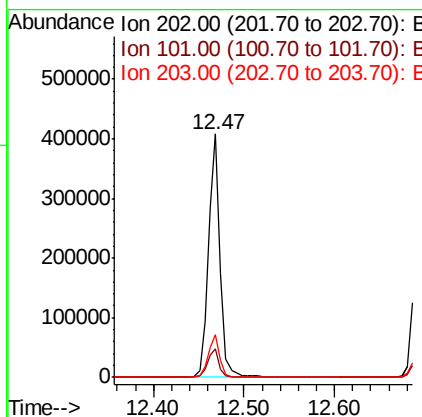
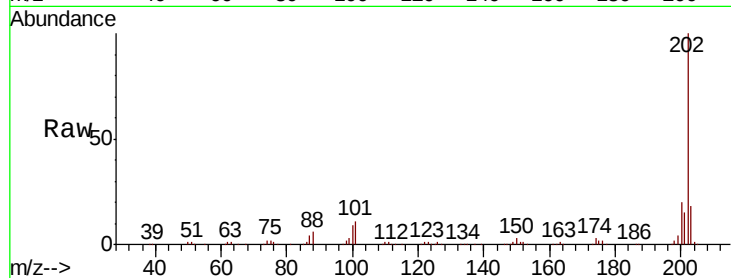




#75
 Fluoranthene
 Concen: 35.054 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

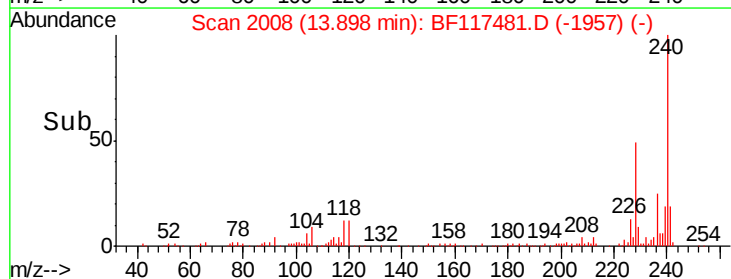
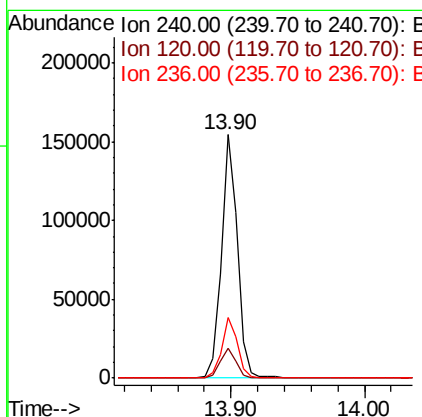
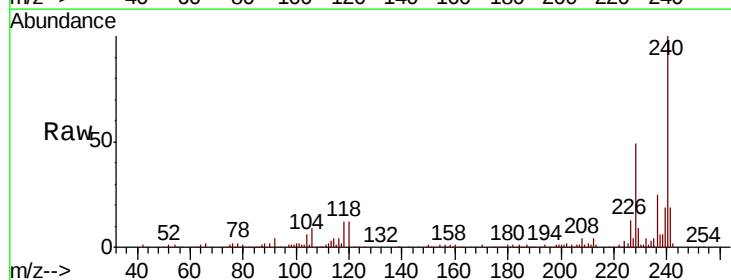
Instrument :
 BNA_F
 ClientSampled :

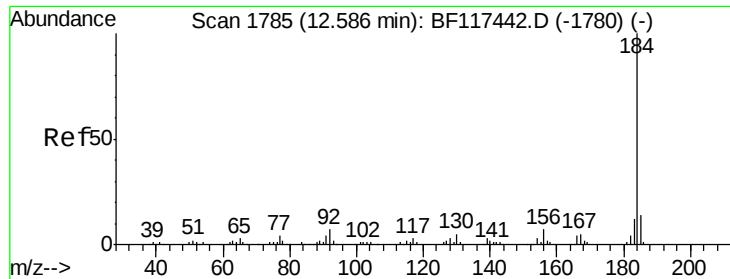
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.7
203	17.6	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117481.D
 Acq: 22 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.4	12.6
236	25.0	20.0	30.0





#77

Benzidine

Concen: 15.638 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

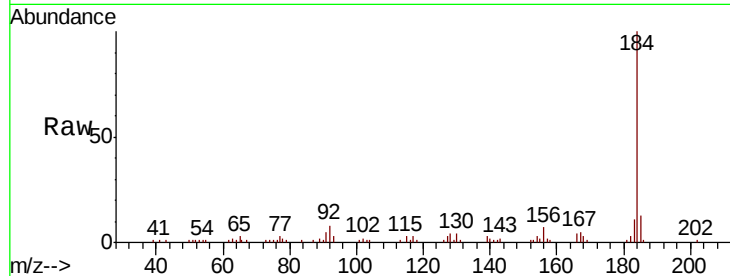
Tot Ion:184 Resp: 72944

Ion Ratio Lower Upper

184 100

185 13.4 11.4 17.0

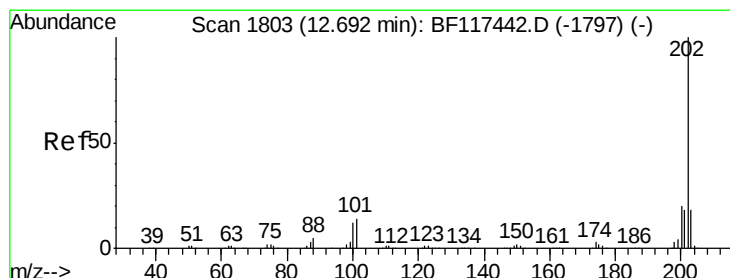
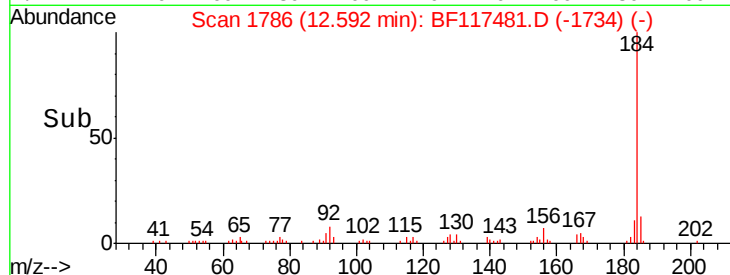
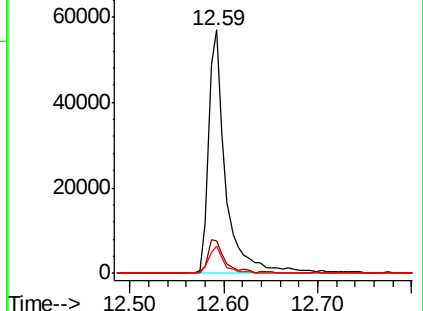
183 11.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.971 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

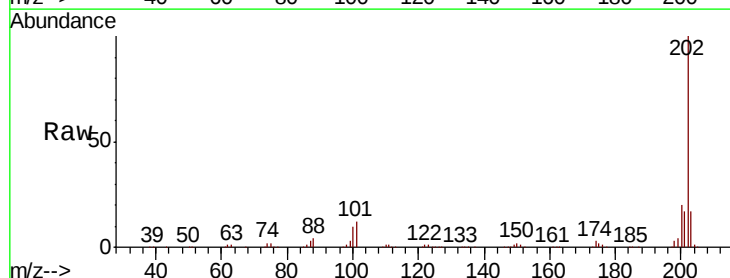
Tgt Ion:202 Resp: 372088

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

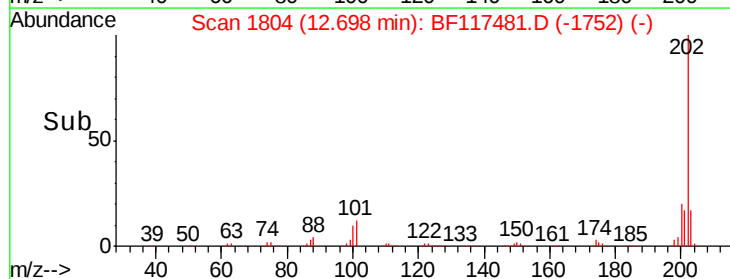
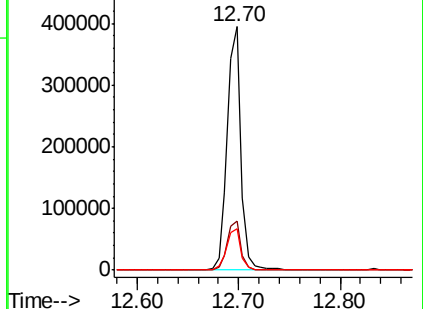
203 16.9 14.0 21.0

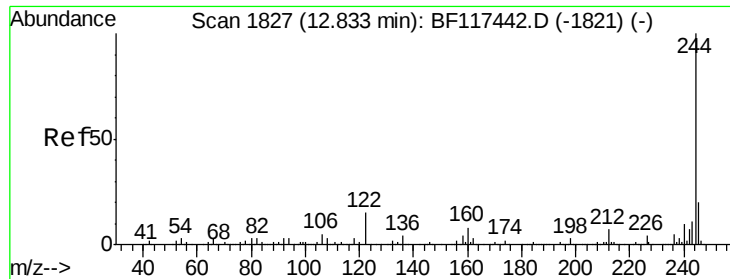


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.526 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

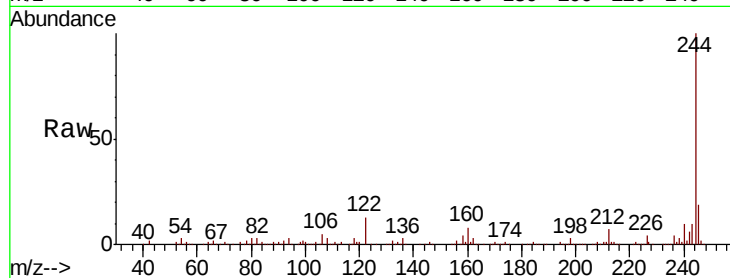
Tot Ion:244 Resp: 390873

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

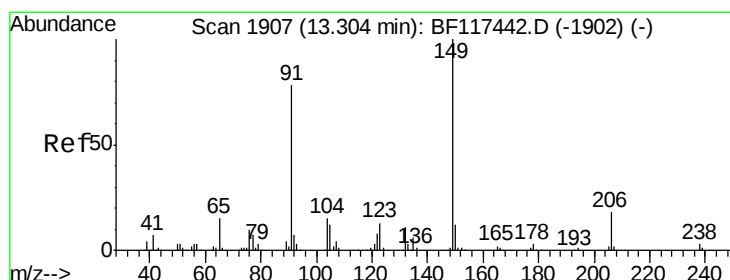
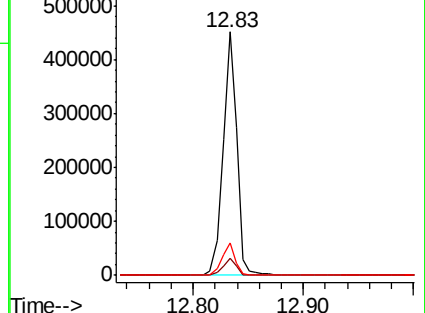
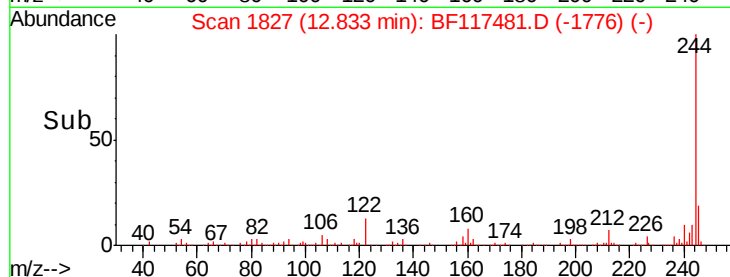
122 13.1 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 31.691 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

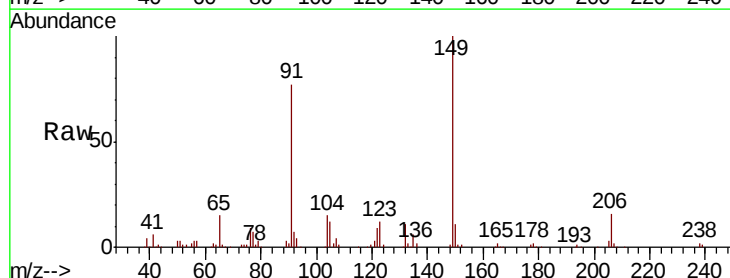
Tgt Ion:149 Resp: 177968

Ion Ratio Lower Upper

149 100

91 76.8 62.1 93.1

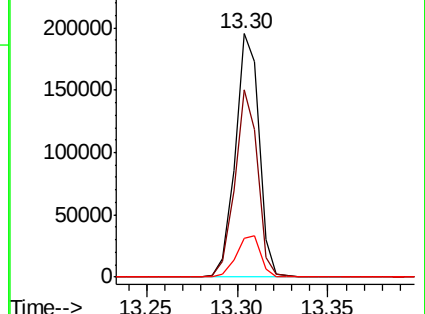
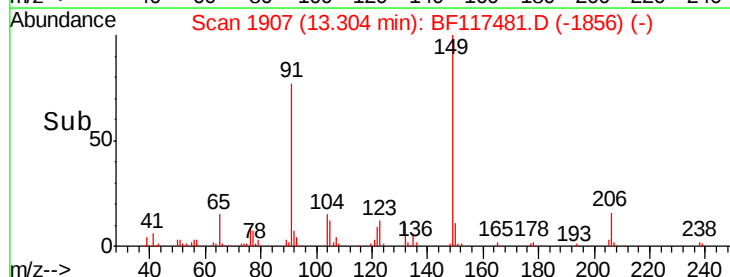
206 16.2 14.3 21.5

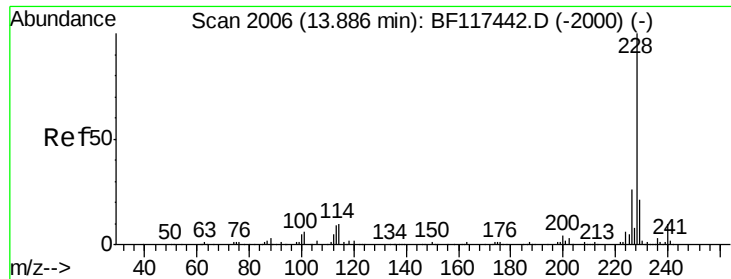


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.896 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

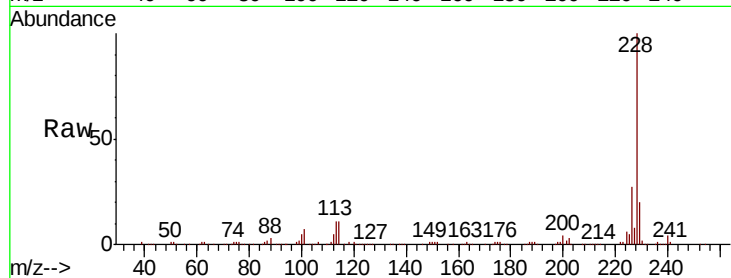
Tot Ion:228 Resp: 300404

Ion Ratio Lower Upper

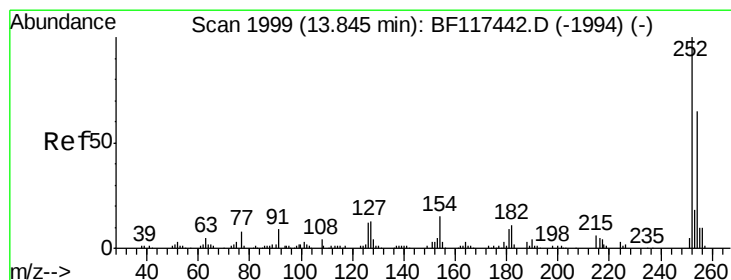
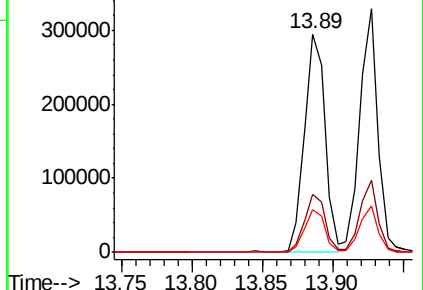
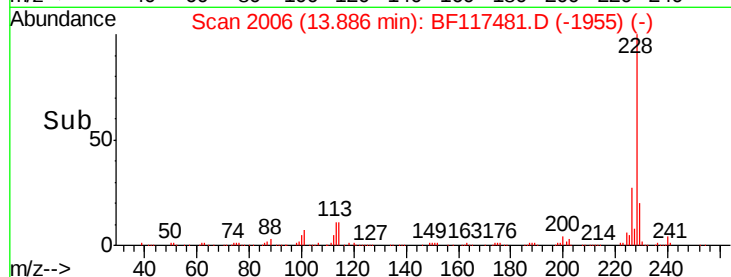
228 100

226 26.9 21.0 31.4

229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.102 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

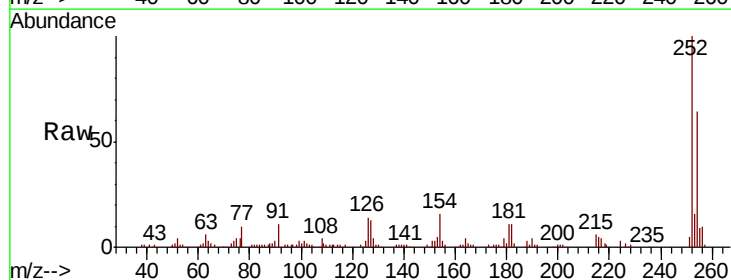
Tgt Ion:252 Resp: 92056

Ion Ratio Lower Upper

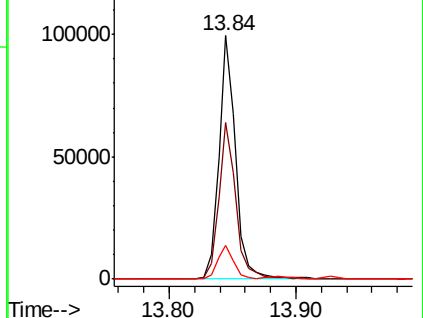
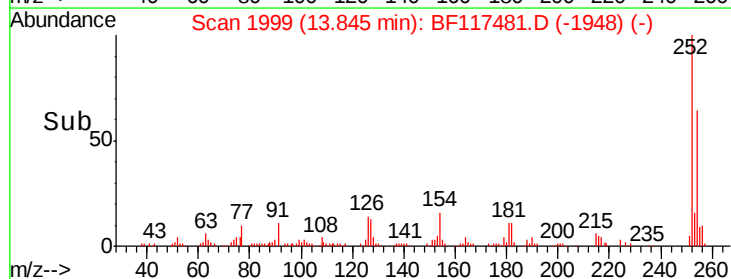
252 100

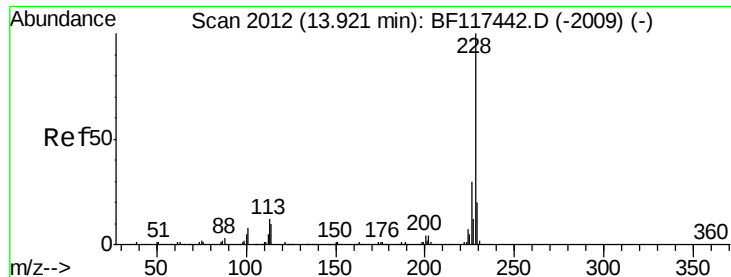
254 64.4 52.2 78.4

126 13.9 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.094 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

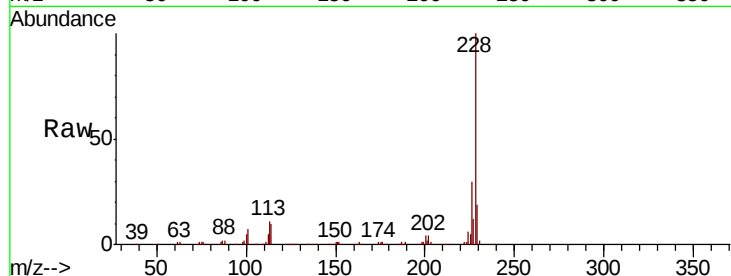
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 296130

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.2	15.8	23.6

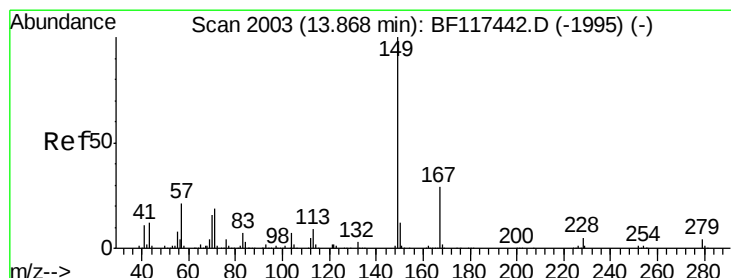
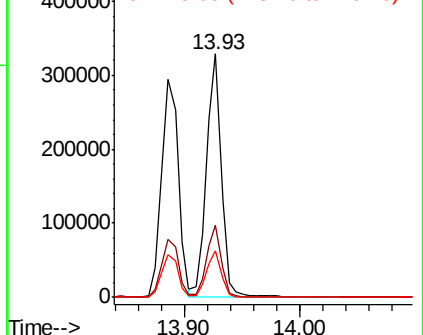
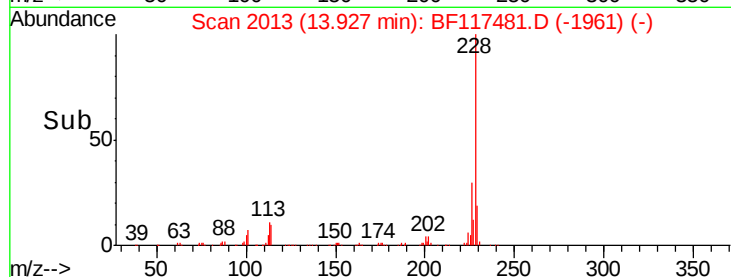


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.194 ng

RT: 13.87 min Scan# 2003

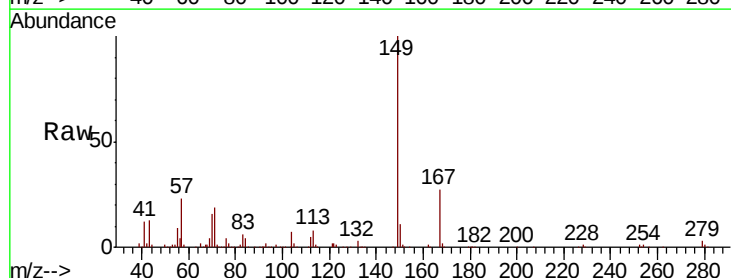
Delta R.T. -0.00 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Tgt Ion:149 Resp: 245392

Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.3	34.9
279	3.4	3.2	4.8

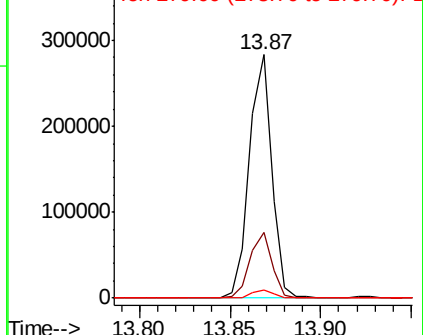
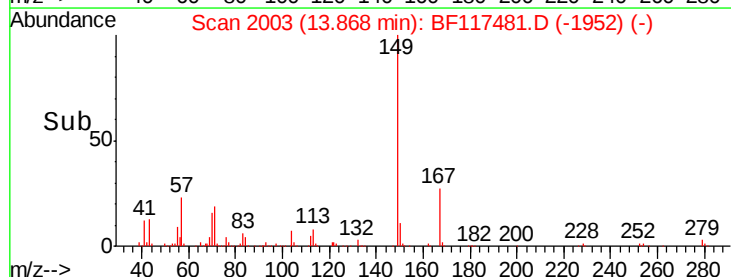


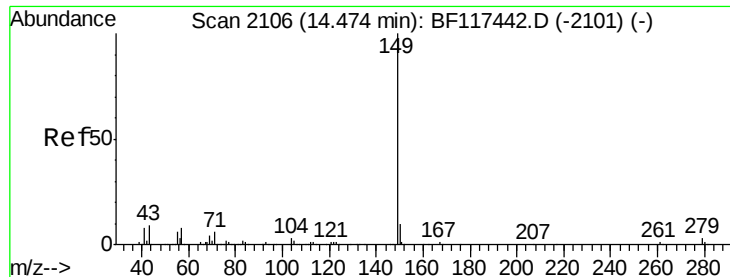
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.529 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

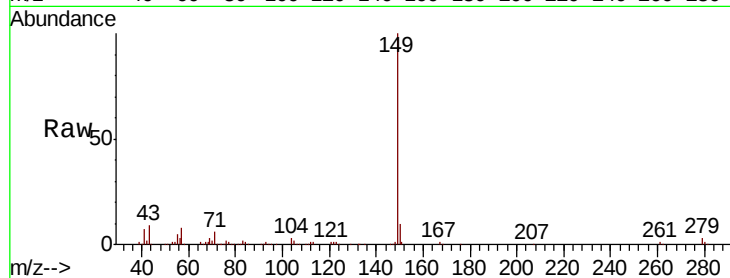
Tot Ion:149 Resp: 405534

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.4 6.8 10.2



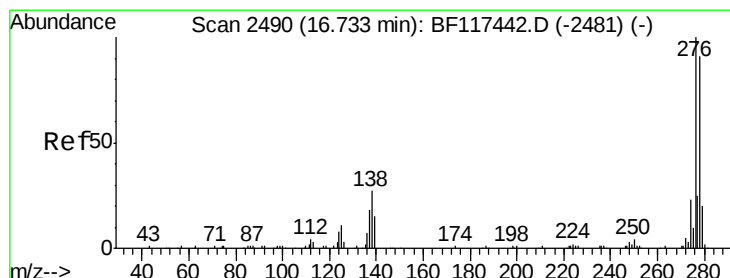
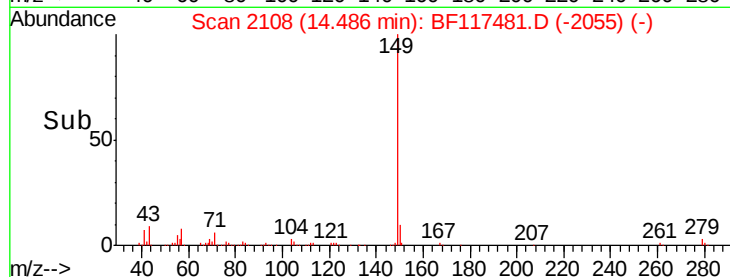
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

14.49

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.122 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

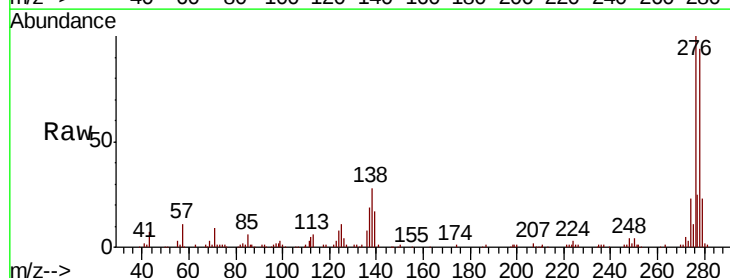
Tgt Ion:276 Resp: 214789

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.8

277 24.1 20.0 30.0



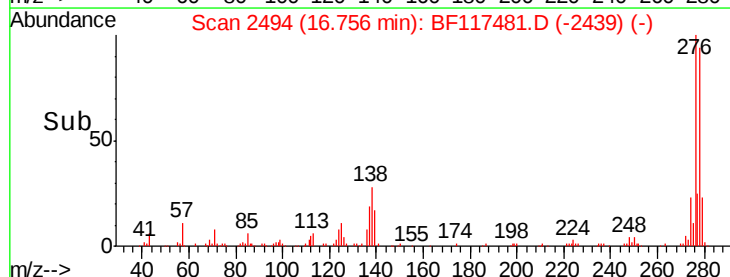
Abundance Ion 276.00 (275.70 to 276.70): E

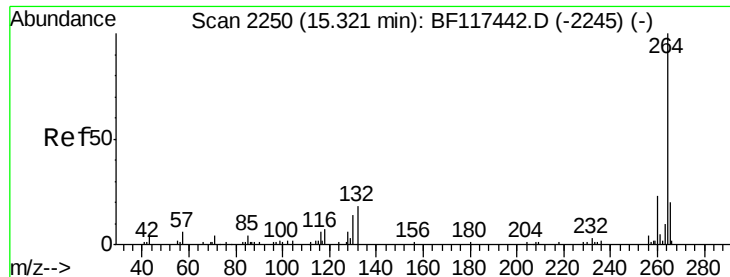
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.76

Time-->

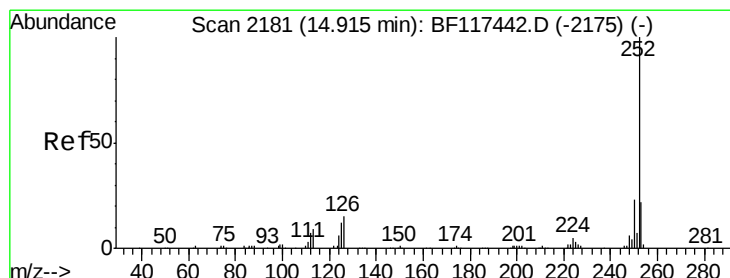
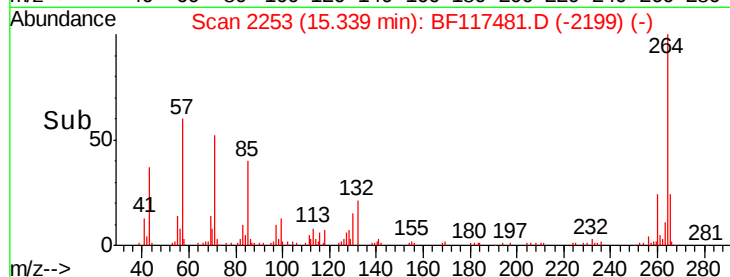
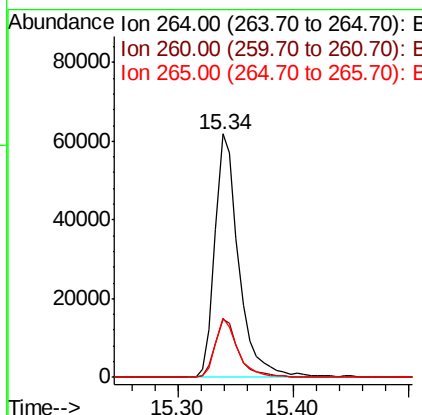
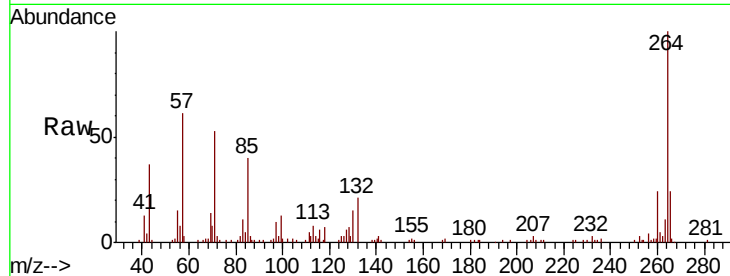




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

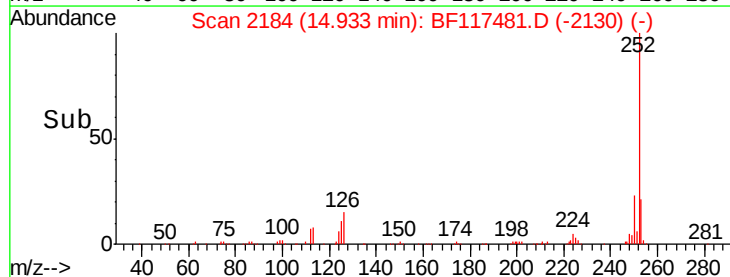
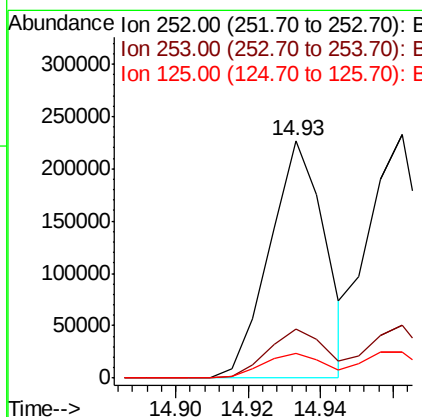
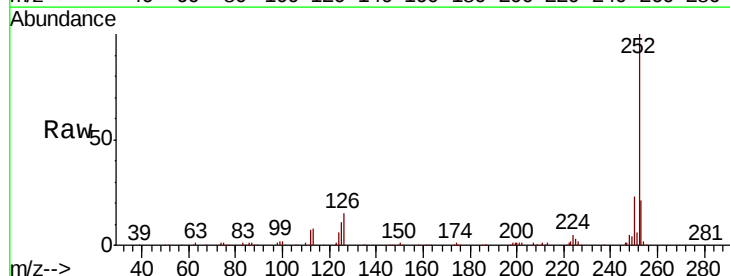
Instrument :
BNA_F
ClientSampleId :

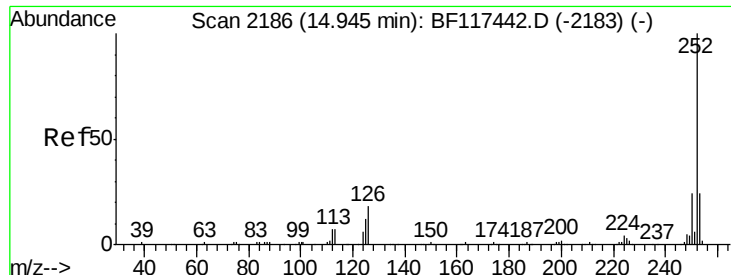
Tot Ion:264 Resp: 89046
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 24.4 16.1 24.1#



#88
Benzo(b)fluoranthene
Concen: 45.933 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:252 Resp: 241529
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.6
125 10.7 9.9 14.9

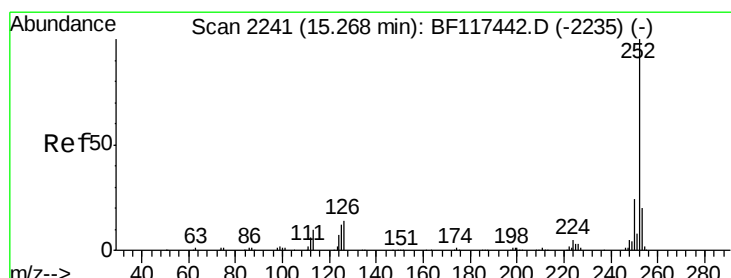
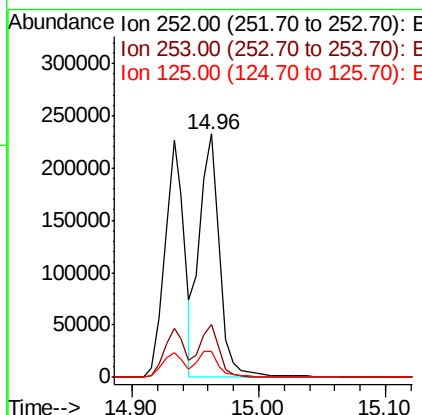
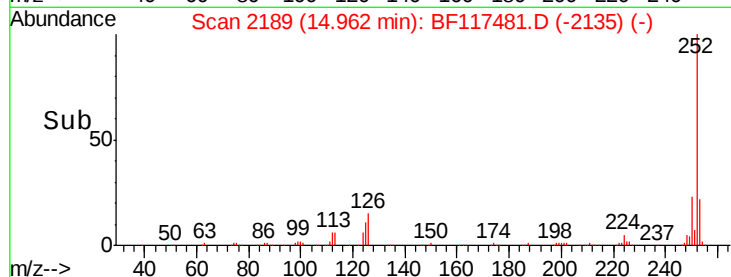
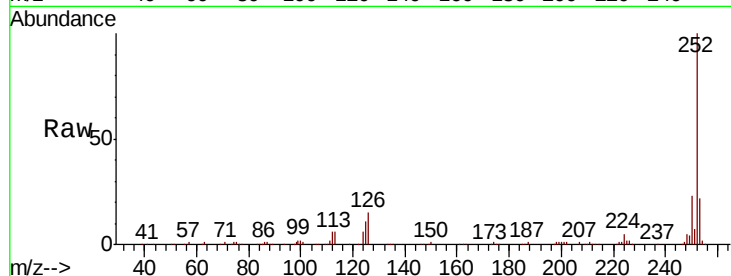




#89
Benzo(k)fluoranthene
Concen: 47.174 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

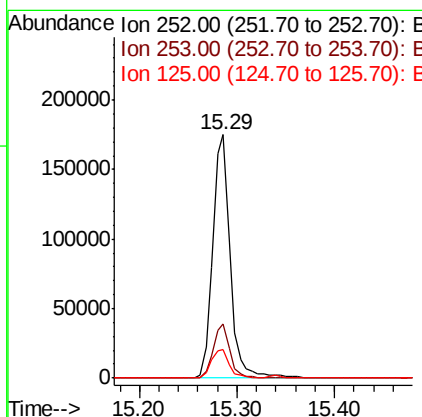
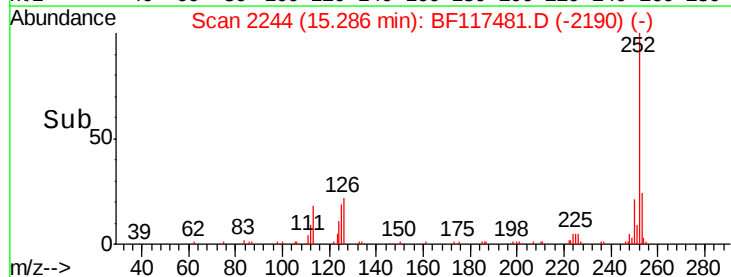
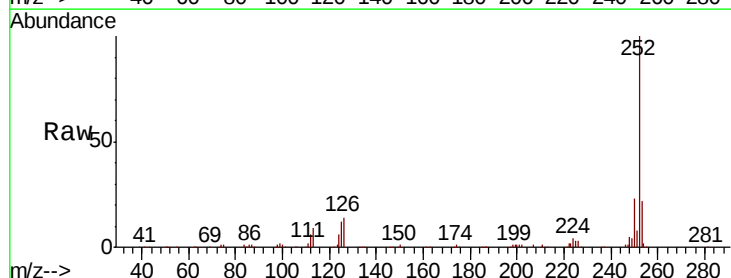
Instrument :
BNA_F
ClientSampleId :

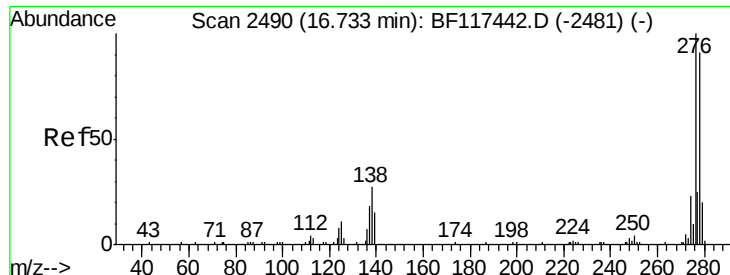
Tot Ion:252 Resp: 254242
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 45.429 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117481.D
Acq: 22 Oct 2019 18:53

Tgt Ion:252 Resp: 217189
Ion Ratio Lower Upper
252 100
253 22.1 16.3 24.5
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.670 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

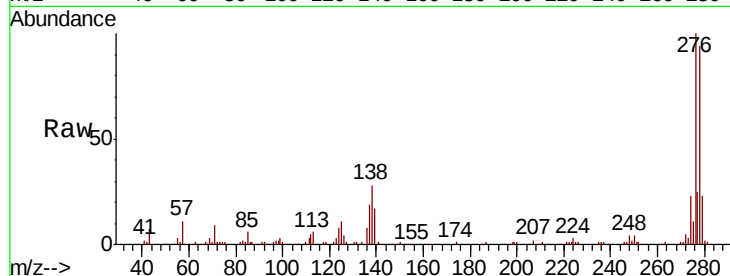
Tot Ion:278 Resp: 184661

Ion Ratio Lower Upper

278 100

139 17.9 13.4 20.0

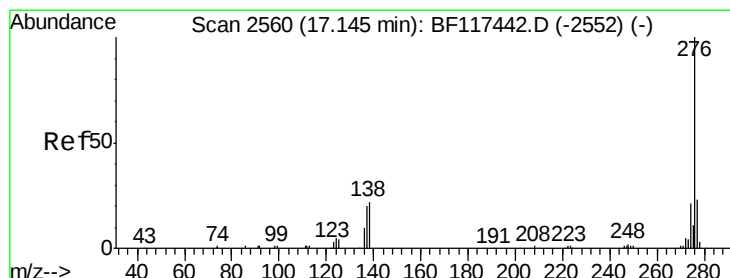
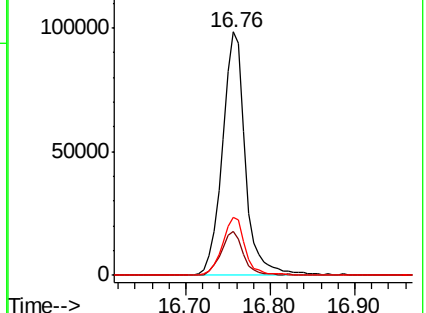
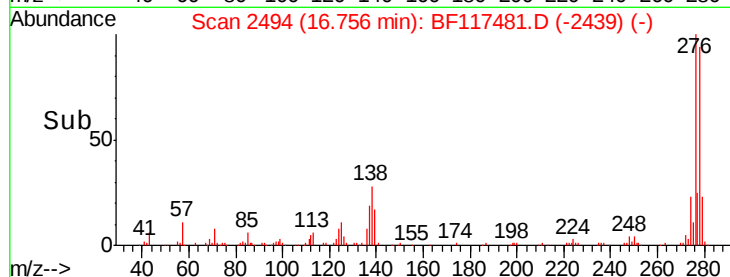
279 23.9 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.451 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF117481.D

Acq: 22 Oct 2019 18:53

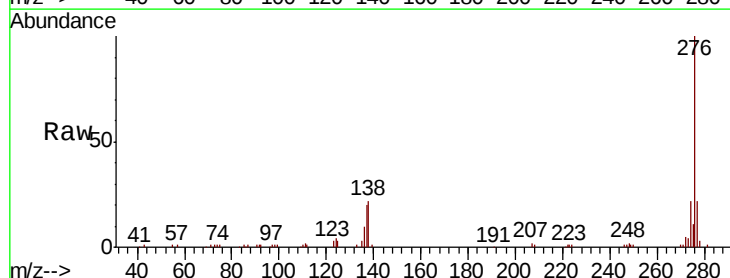
Tgt Ion:276 Resp: 177777

Ion Ratio Lower Upper

276 100

277 21.6 18.4 27.6

138 21.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

