

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117456.D
 Acq On : 21 Oct 2019 19:21
 Operator : JU
 Sample : K5146-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:54:49 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	63991	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	269134	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	141394	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	236792	20.00	ng	0.00
76) Chrysene-d12	13.90	240	197192	20.00	ng	0.00
87) Perylene-d12	15.33	264	182554	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	362322	84.23	ng	0.02
7) Phenol-d6	6.39	99	489680	84.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	301288	55.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	106437	87.00	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	546873	54.50	ng	0.00
79) Terphenyl-d14	12.83	244	614288	50.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	49690	27.477	ng	# 84
3) Pyridine	3.32	79	56021	12.654	ng	93
4) n-Nitrosodimethylamine	3.17	42	52301	32.565	ng	99
6) Aniline	6.41	93	44019	6.490	ng	# 50
8) 2-Chlorophenol	6.53	128	140759	31.012	ng	94
9) Benzaldehyde	6.29	77	70299	21.896	ng	98
10) Phenol	6.40	94	176332	29.905	ng	# 69
11) bis(2-Chloroethyl)ether	6.47	93	139023	31.876	ng	98
12) 1,3-Dichlorobenzene	6.67	146	143893	28.409	ng	97
13) 1,4-Dichlorobenzene	6.75	146	147978	28.799	ng	97
14) 1,2-Dichlorobenzene	6.90	146	139394	28.780	ng	97
15) Benzyl Alcohol	6.89	79	130704	31.667	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133455	28.366	ng	68
17) 2-Methylphenol	7.00	107	120385	32.242	ng	94
18) Hexachloroethane	7.24	117	55020	27.434	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	107793	30.552	ng	96
20) 3+4-Methylphenols	7.16	107	155909	31.848	ng	# 78
22) Acetophenone	7.15	105	209619	29.332	ng	94
24) Nitrobenzene	7.32	77	159105	30.471	ng	99
25) Isophorone	7.56	82	297431	31.538	ng	98
26) 2-Nitrophenol	7.63	139	73918	31.741	ng	93
27) 2,4-Dimethylphenol	7.68	122	126008	36.206	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	174609	30.005	ng	99
29) 2,4-Dichlorophenol	7.89	162	116506	31.915	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	113112	28.874	ng	100
31) Naphthalene	8.03	128	407304	30.532	ng	100
32) Benzoic acid	7.84	122	84234	35.336	ng	95
33) 4-Chloroaniline	8.10	127	24650	4.378	ng	# 97
34) Hexachlorobutadiene	8.15	225	63583	28.042	ng	97
35) Caprolactam	8.47	113	19770	16.859	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	139763	33.571	ng	95
37) 2-Methylnaphthalene	8.73	142	279806	31.128	ng	98
38) 1-Methylnaphthalene	8.82	142	265481	31.430	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	107008	28.099	ng	98

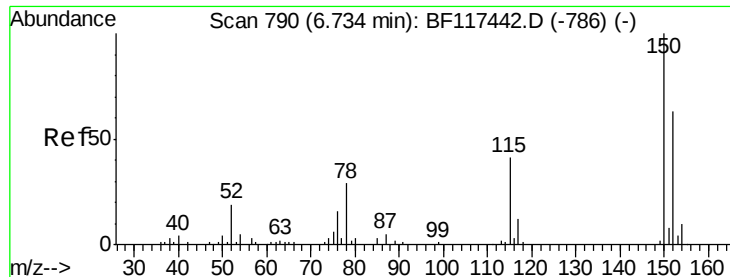
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117456.D
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	65595	68.355	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	75029	31.461	nq	96
44) 2,4,5-Trichlorophenol	9.06	196	83316	34.476	nq	98
46) 1,1'-Biphenyl	9.19	154	335500	28.662	nq	97
47) 2-Chloronaphthalene	9.22	162	257701	29.199	nq	97
48) 2-Nitroaniline	9.32	65	86047	29.699	nq	89
49) Acenaphthylene	9.63	152	402414	31.042	nq	99
50) Dimethylphthalate	9.49	163	340288	33.759	nq	100
51) 2,6-Dinitrotoluene	9.56	165	65489	31.135	nq	99
52) Acenaphthene	9.80	154	238260	29.957	nq	97
53) 3-Nitroaniline	9.73	138	39078	15.312	nq	88
54) 2,4-Dinitrophenol	9.85	184	55377	64.560	nq	98
55) Dibenzofuran	9.97	168	355436	30.846	nq	99
56) 4-Nitrophenol	9.92	139	87628	74.870	nq	93
57) 2,4-Dinitrotoluene	9.97	165	90843	32.484	nq	96
58) Fluorene	10.32	166	297948	31.267	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	56479	29.736	nq	94
60) Diethylphthalate	10.19	149	319437	31.331	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	129257	30.234	nq	95
62) 4-Nitroaniline	10.35	138	65984	27.430	nq	95
63) Azobenzene	10.46	77	333754	31.978	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	42045	34.924	nq	93
66) n-Nitrosodiphenylamine	10.43	169	267532	30.905	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	74506	29.212	nq	95
68) Hexachlorobenzene	10.87	284	78947	28.903	nq	92
69) Atrazine	10.96	200	79946	36.299	nq	98
70) Pentachlorophenol	11.07	266	72846	88.962	nq	99
71) Phenanthrene	11.27	178	429038	31.204	nq	99
72) Anthracene	11.33	178	456878	32.384	nq	99
73) Carbazole	11.49	167	417709	32.398	nq	99
74) Di-n-butylphthalate	11.81	149	545457	31.663	nq	100
75) Fluoranthene	12.46	202	453028	32.913	nq	99
77) Benzidine	12.59	184	10547	Below	Cal	98
78) Pyrene	12.69	202	471554	27.840	nq	100
80) Butylbenzylphthalate	13.30	149	244776	29.041	nq	99
81) Benzo(a)anthracene	13.89	228	398180	29.935	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	69369	16.620	nq	100
83) Chrysene	13.92	228	387701	29.740	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	353199	29.915	nq	98
85) Di-n-octyl phthalate	14.48	149	606838	33.429	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	307728	31.617	nq	99
88) Benzo(b)fluoranthene	14.93	252	347842	32.267	nq	98
89) Benzo(k)fluoranthene	14.95	252	329763	29.846	nq	100
90) Benzo(a)pyrene	15.27	252	297290	30.332	nq	97
91) Dibenzo(a,h)anthracene	16.74	278	264823	31.248	nq	97
92) Benzo(g,h,i)perylene	17.16	276	255601	31.875	nq	98

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

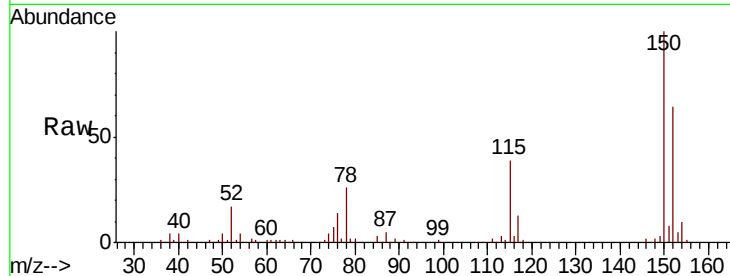


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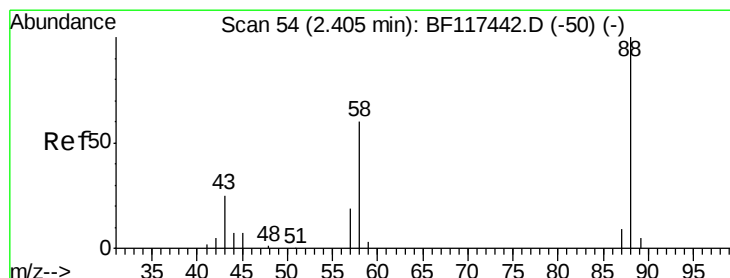
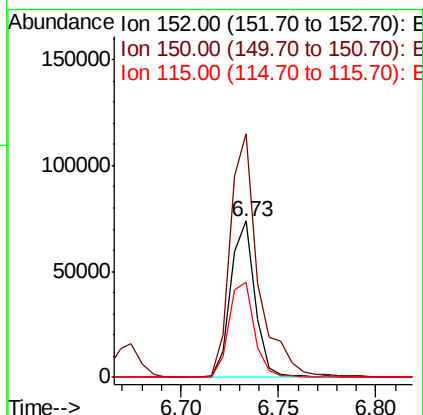
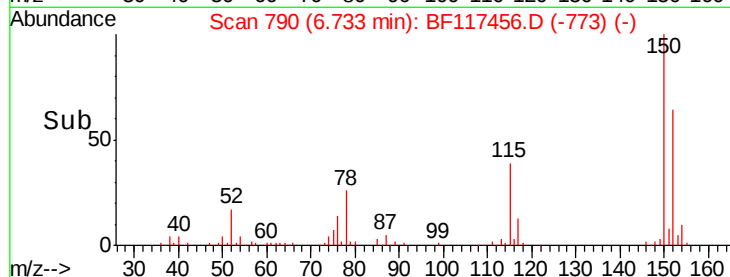
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63991
Ion Ratio Lower Upper
152 100
150 155.9 126.8 190.2
115 61.2 51.6 77.4



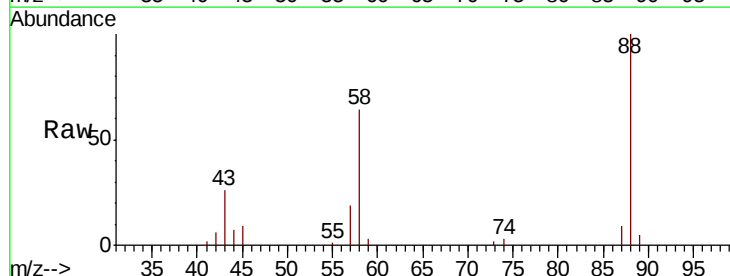
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



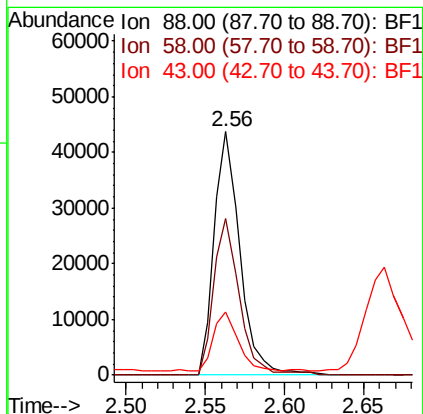
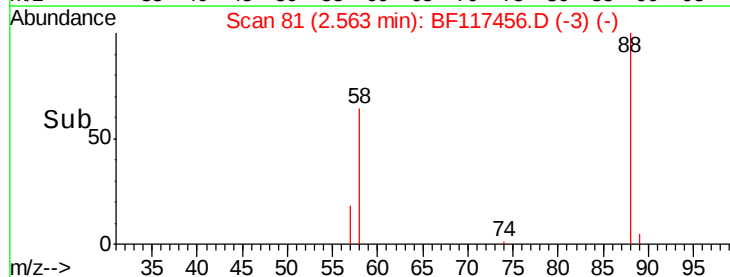
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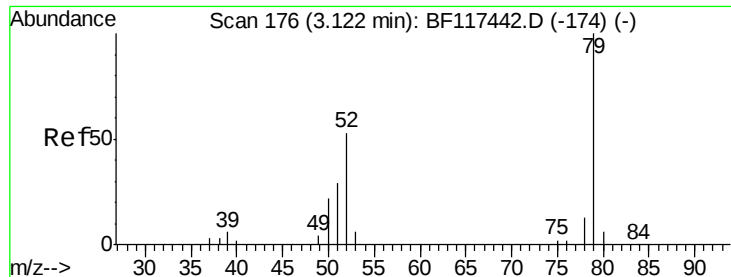
1,4-Dioxane
Concen: 27.477 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.16 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion: 88 Resp: 49690
Ion Ratio Lower Upper
88 100
58 64.0 48.8 73.2
43 0.0 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: 12.654 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.19 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

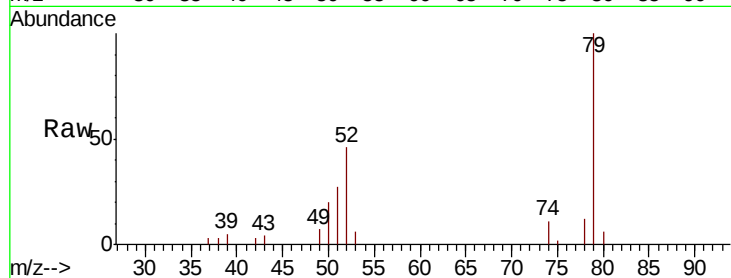
Tot Ion: 79 Resp: 56021

Ion Ratio Lower Upper

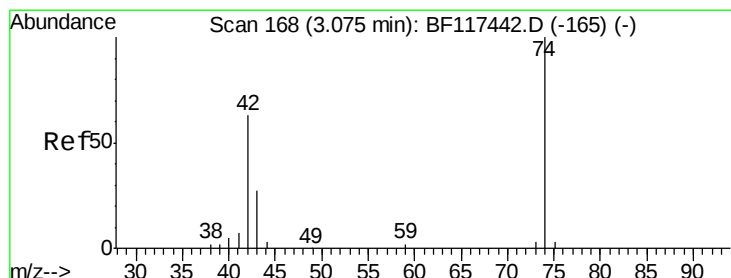
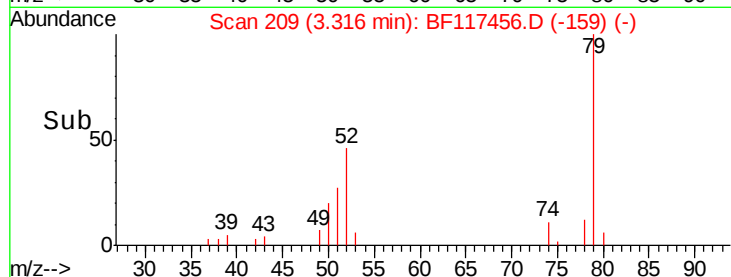
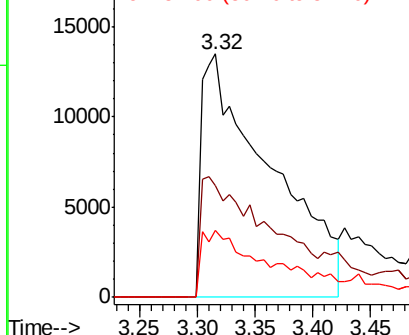
79 100

52 46.0 42.4 63.6

51 27.5 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.565 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.10 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

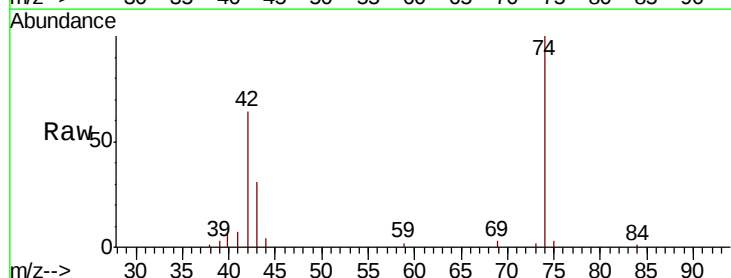
Tgt Ion: 42 Resp: 52301

Ion Ratio Lower Upper

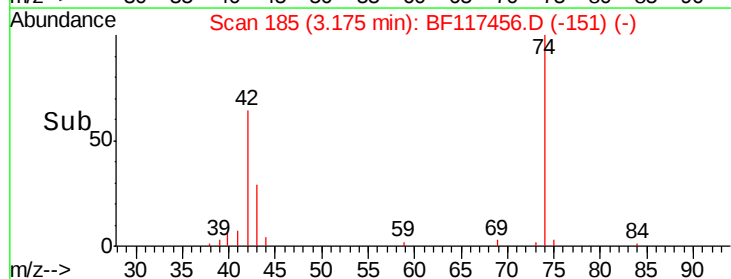
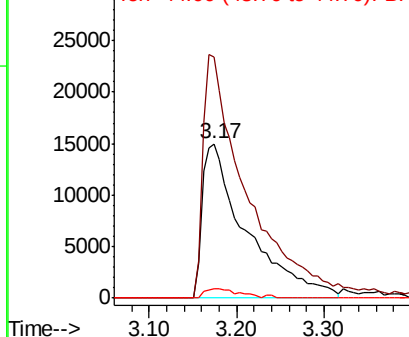
42 100

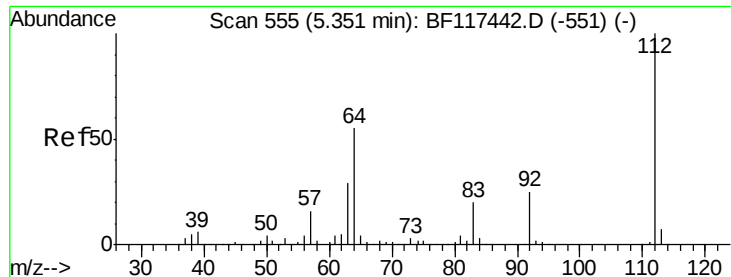
74 156.9 124.2 186.4

44 6.3 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.235 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

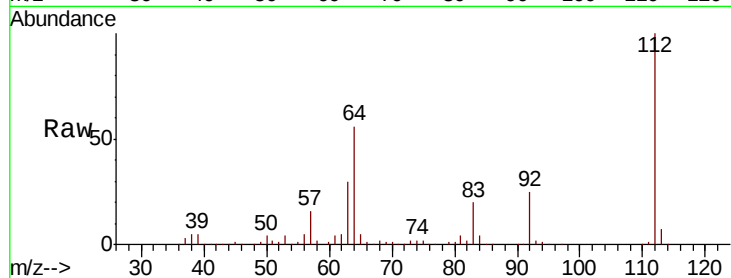
Tot Ion: 112 Resp: 362322

Ion Ratio Lower Upper

112 100

64 55.8 44.1 66.1

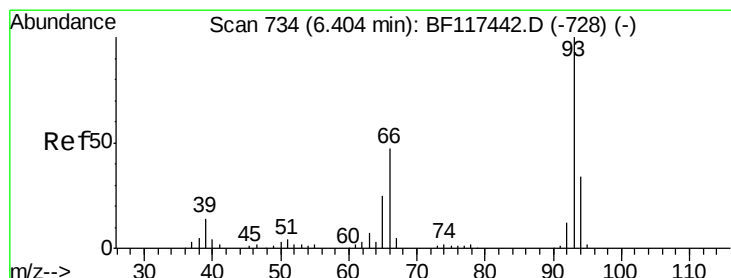
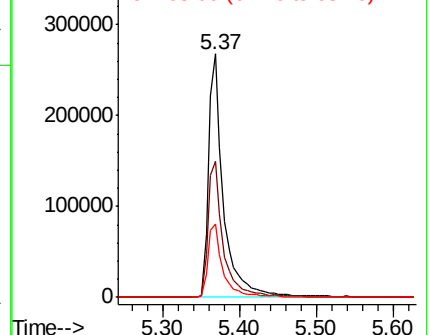
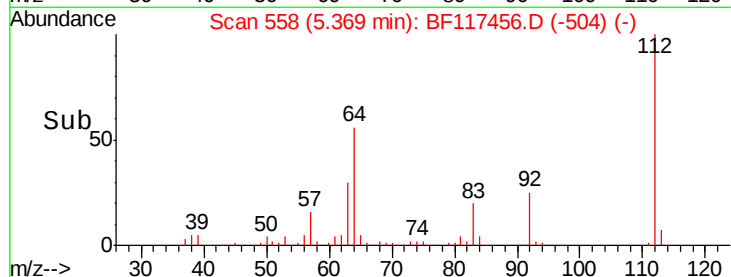
63 30.3 23.4 35.2



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: 6.490 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

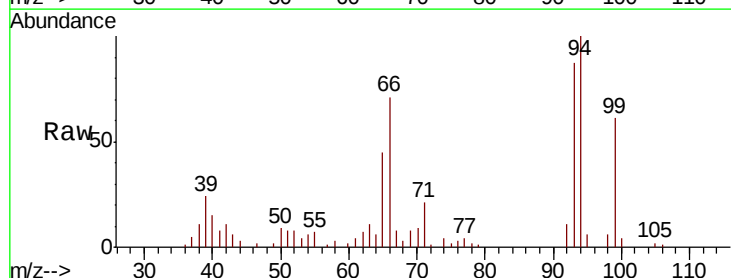
Tgt Ion: 93 Resp: 44019

Ion Ratio Lower Upper

93 100

66 81.6 38.7 58.1#

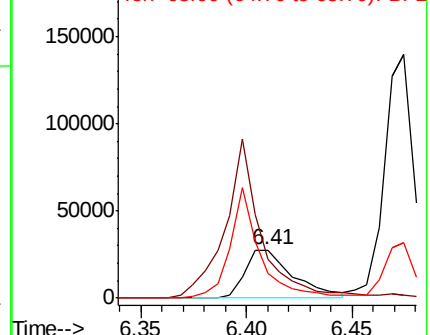
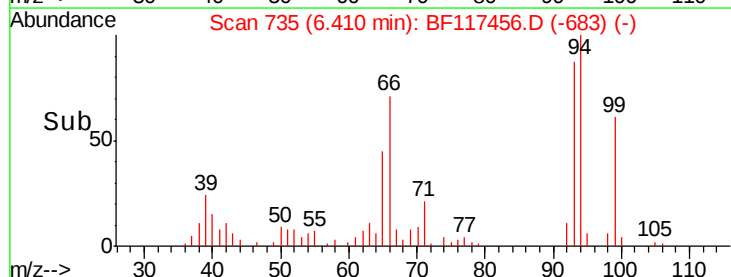
65 51.4 20.1 30.1#

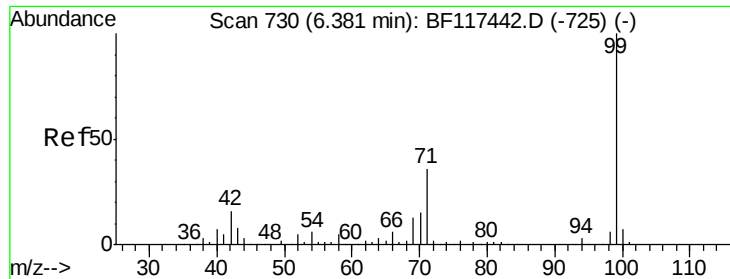


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.761 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

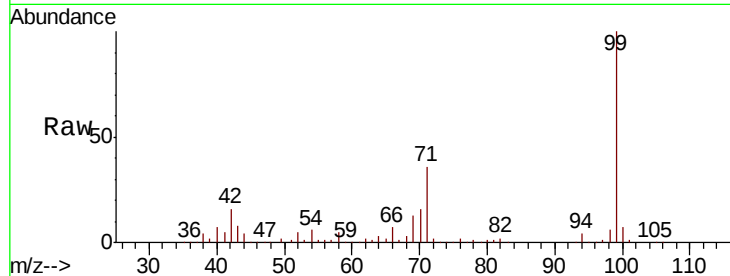
Tot Ion: 99 Resp: 489680

Ion Ratio Lower Upper

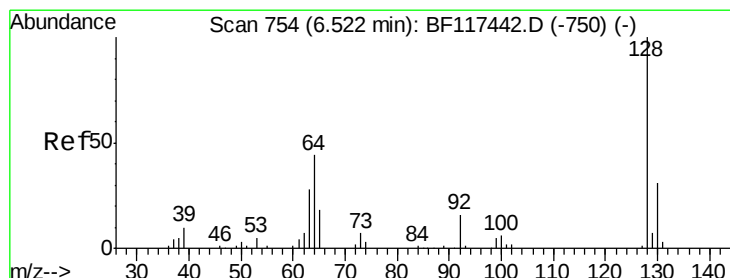
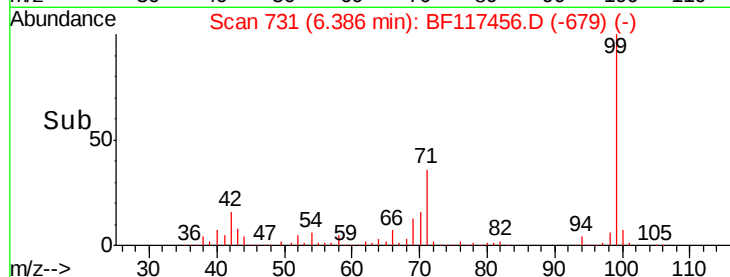
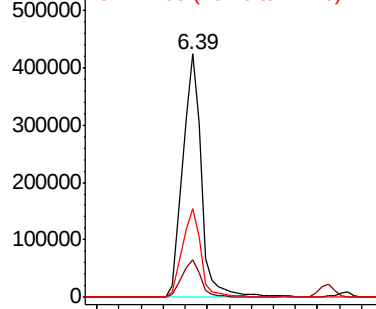
99 100

42 15.6 12.8 19.2

71 36.4 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: 31.012 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

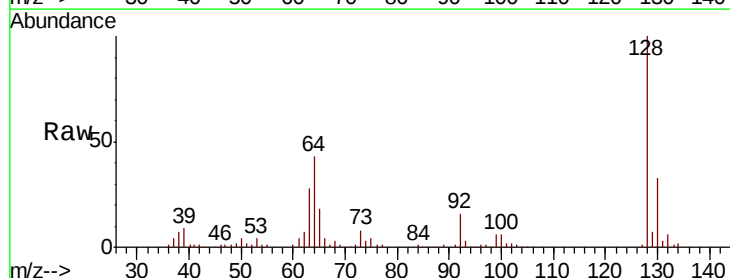
Tgt Ion: 128 Resp: 140759

Ion Ratio Lower Upper

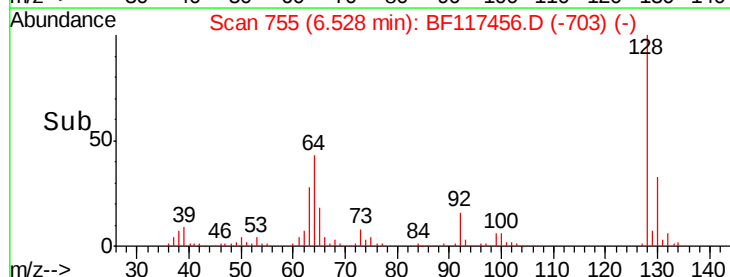
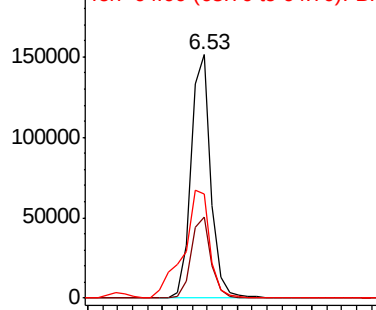
128 100

130 33.5 11.1 51.1

64 42.5 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: 21.896 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

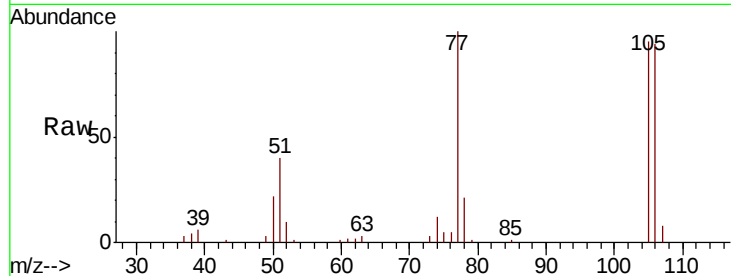
Tot Ion: 77 Resp: 70299

Ion Ratio Lower Upper

77 100

105 95.0 73.4 113.4

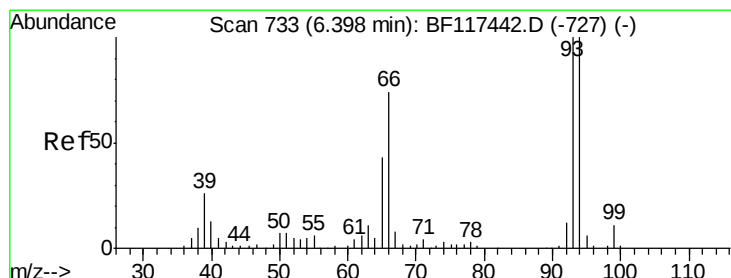
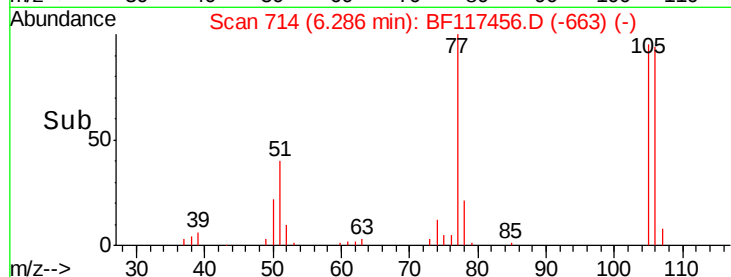
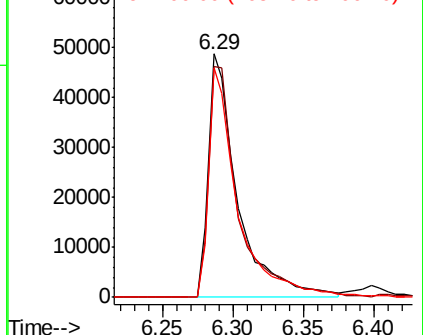
106 94.4 73.0 113.0



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: 29.905 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

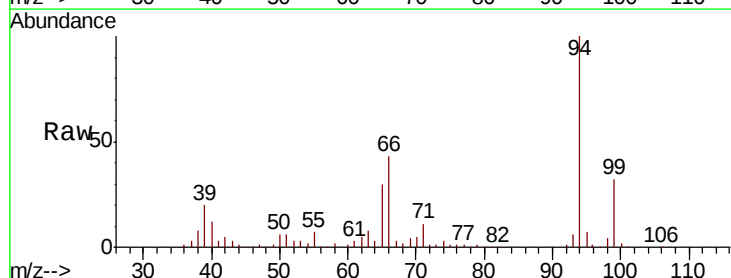
Tgt Ion: 94 Resp: 176332

Ion Ratio Lower Upper

94 100

65 30.4 23.4 63.4

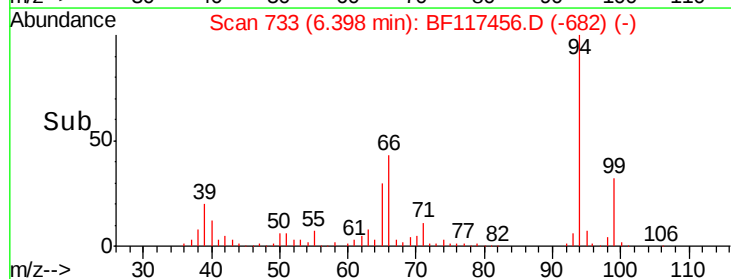
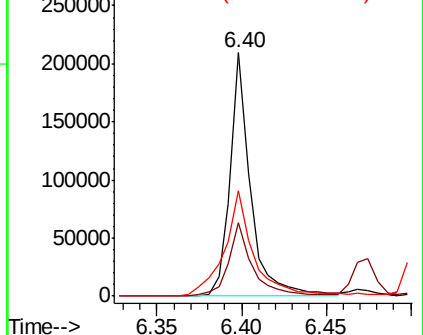
66 43.5 54.7 94.7#

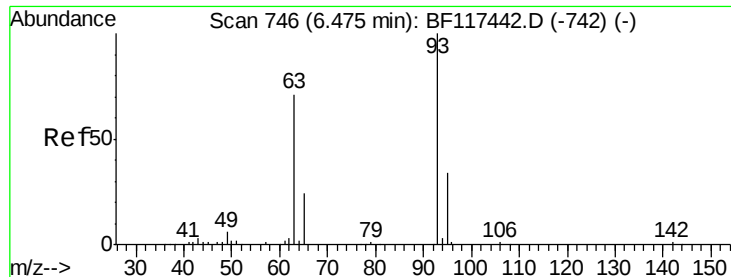


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

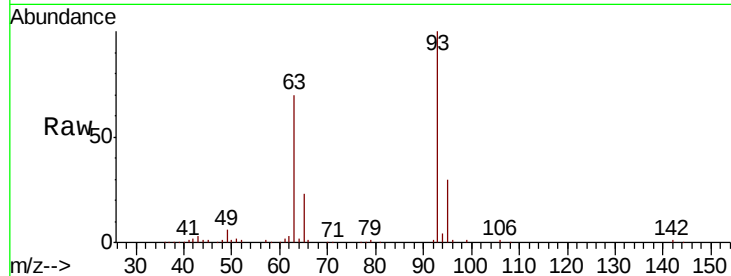




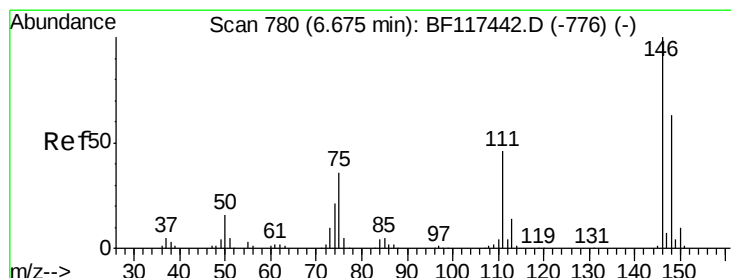
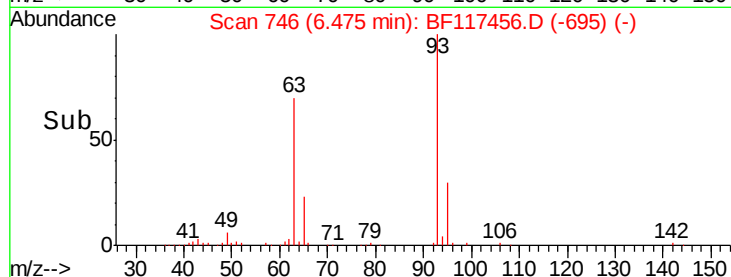
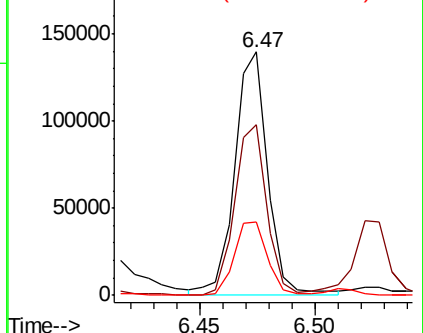
#11
bis(2-Chloroethyl)ether
Concen: 31.876 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 139023
Ion Ratio Lower Upper
93 100
63 70.1 50.2 90.2
95 30.3 13.9 53.9

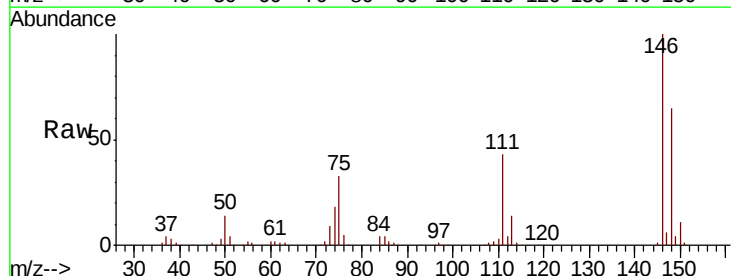


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

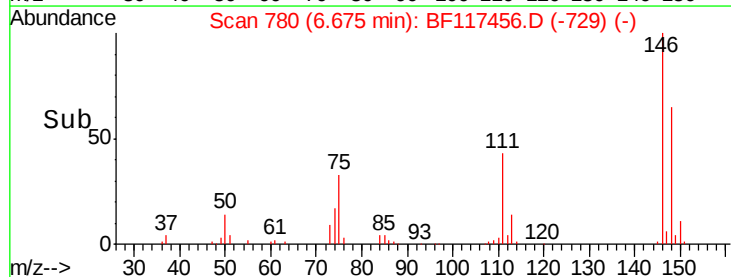
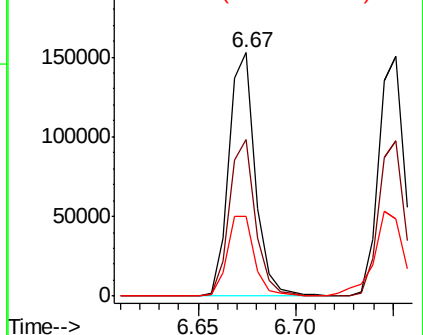


#12
1,3-Dichlorobenzene
Concen: 28.409 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion: 146 Resp: 143893
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 32.7 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

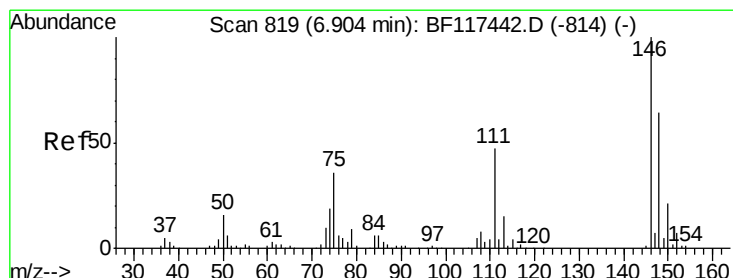
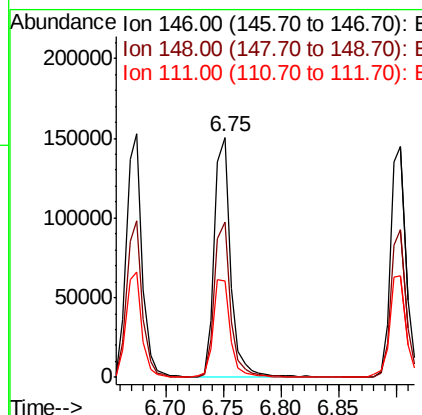
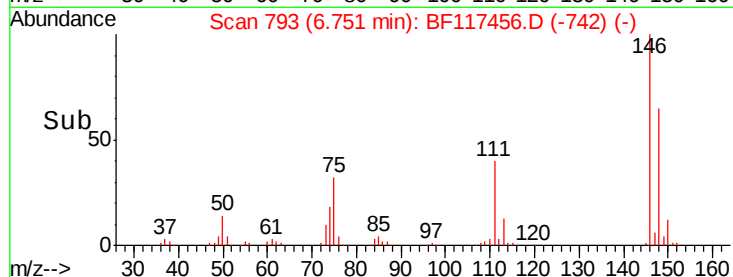
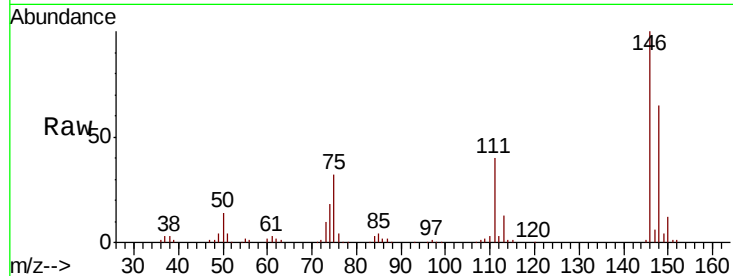




#13
 1,4-Dichlorobenzene
 Concen: 28.799 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

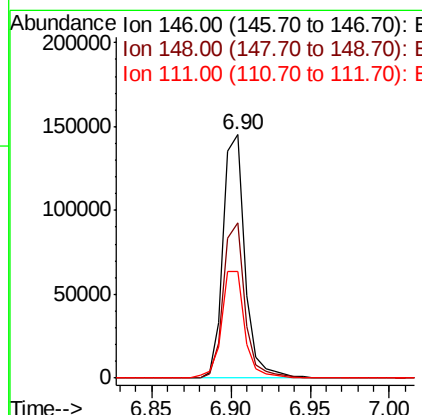
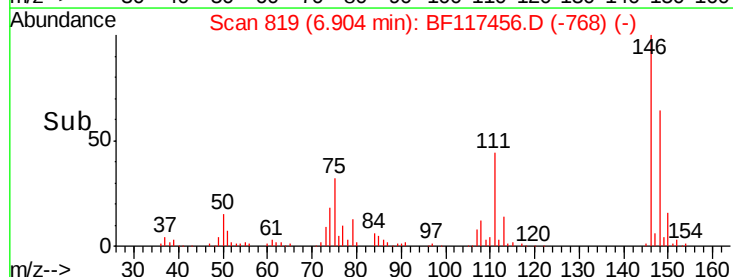
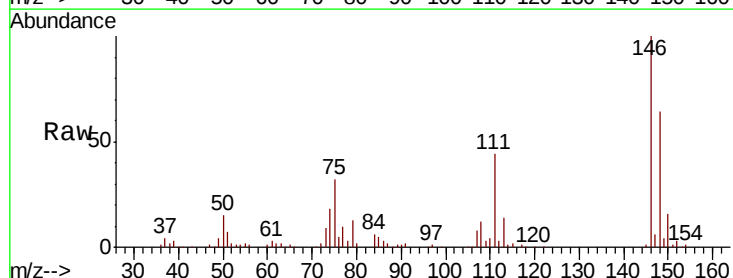
Instrument :
 BNA_F
 ClientSampleId :

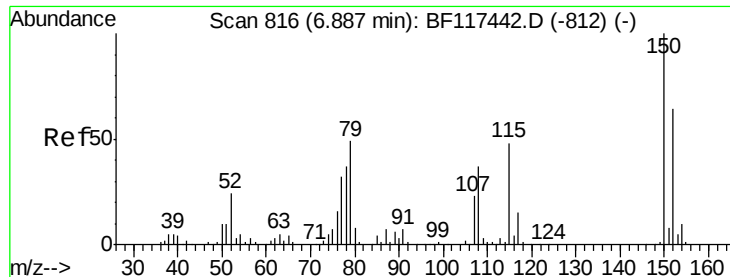
Tot Ion:146 Resp: 147978
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.3 73.9
 111 40.3 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 28.780 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:146 Resp: 139394
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 43.6 37.7 56.5

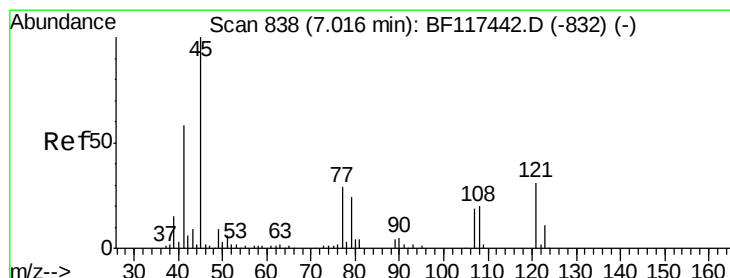
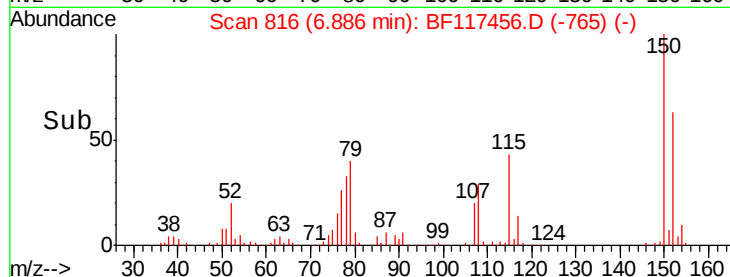
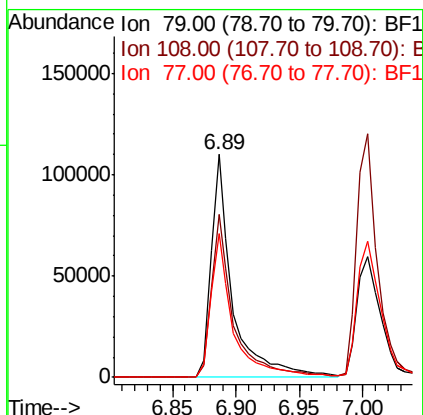
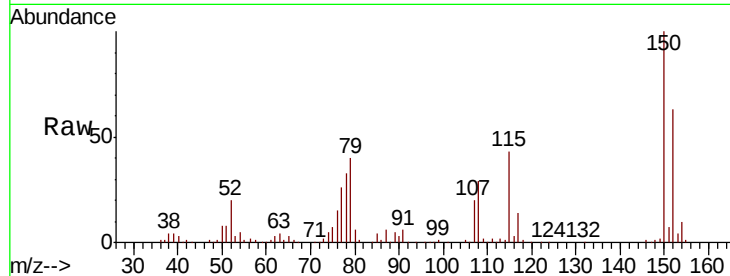




#15
Benzyl Alcohol
Concen: 31.667 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

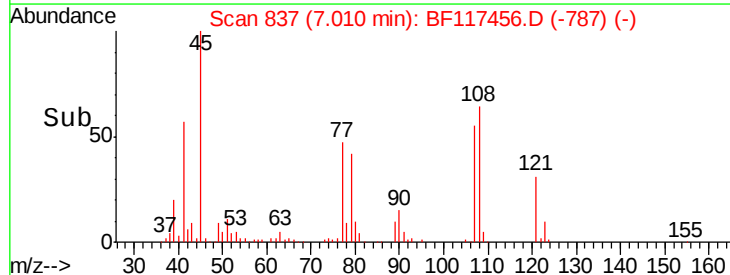
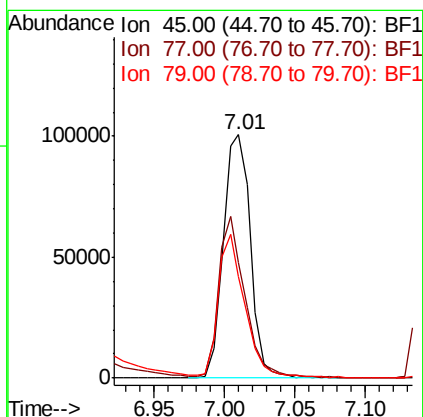
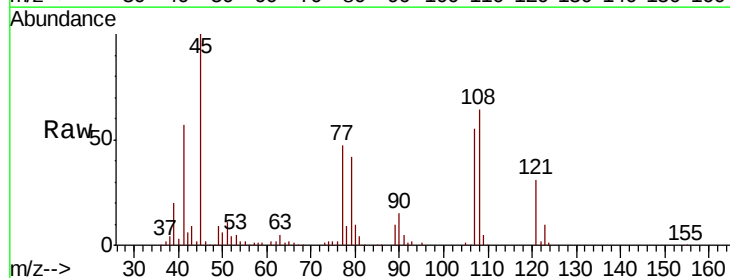
Instrument :
BNA_F
ClientSampleId :

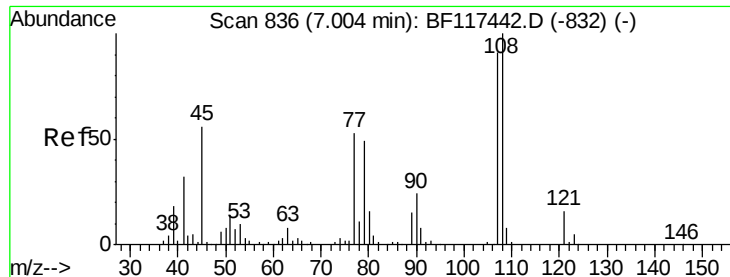
Tot Ion: 79 Resp: 130704
Ion Ratio Lower Upper
79 100
108 73.4 59.8 89.8
77 64.7 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.366 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion: 45 Resp: 133455
Ion Ratio Lower Upper
45 100
77 47.4 9.9 49.9
79 41.8 5.5 45.5

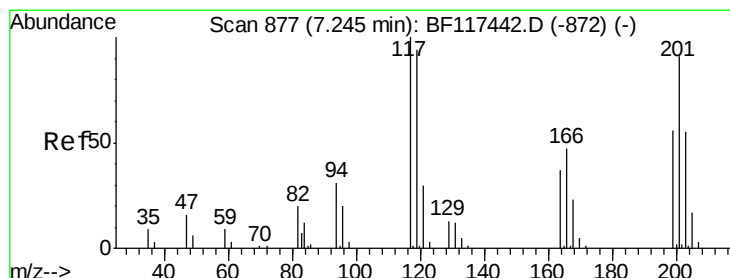
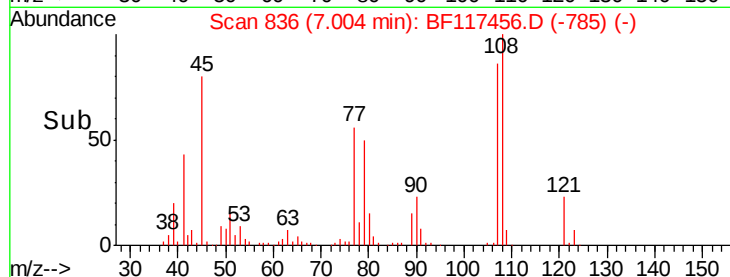
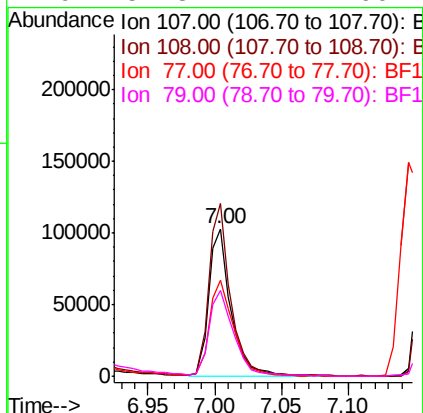
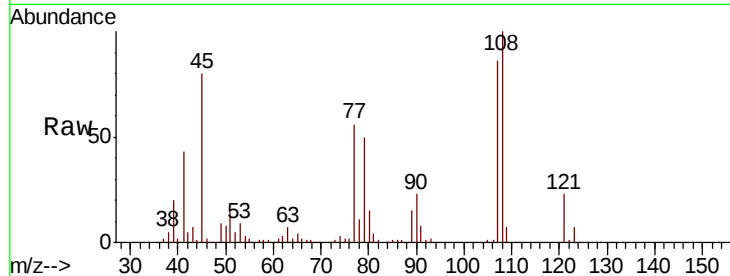




#17
2-Methylphenol
Concen: 32.242 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

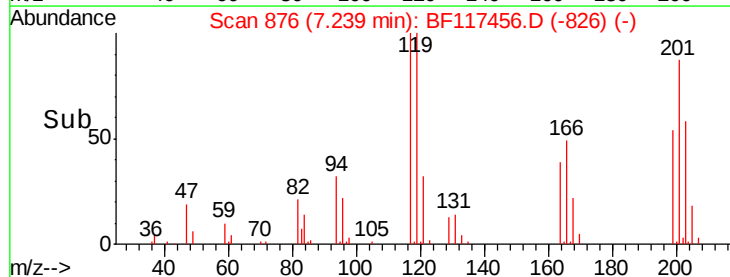
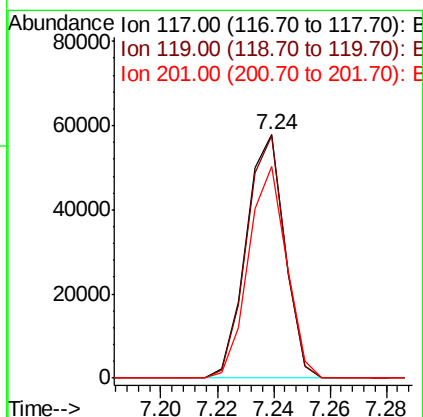
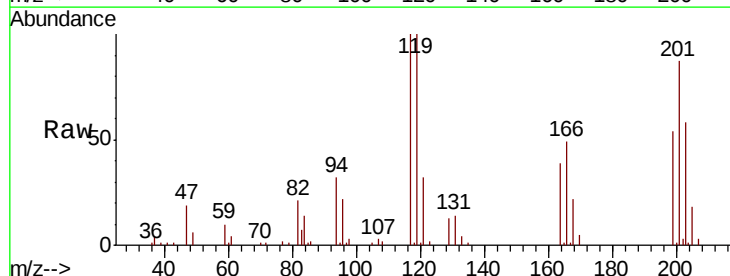
Instrument :
BNA_F
ClientSampled :

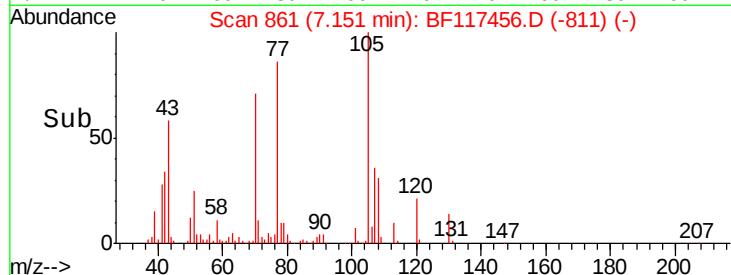
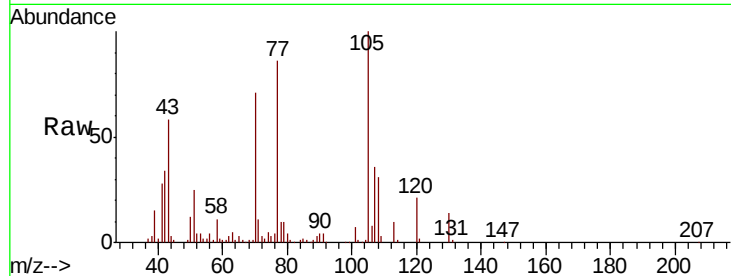
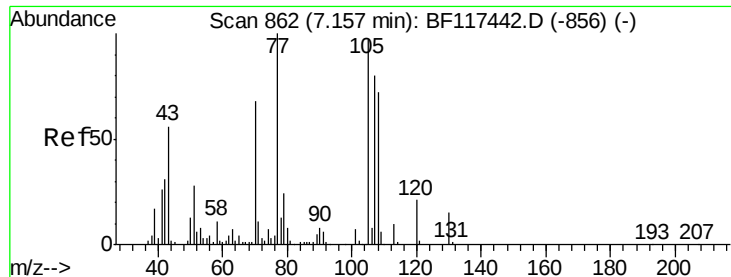
Tot Ion:107 Resp: 120385
Ion Ratio Lower Upper
107 100
108 116.7 88.0 132.0
77 65.1 47.2 70.8
79 57.8 44.1 66.1



#18
Hexachloroethane
Concen: 27.434 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:117 Resp: 55020
Ion Ratio Lower Upper
117 100
119 99.7 75.4 113.0
201 87.1 72.5 108.7

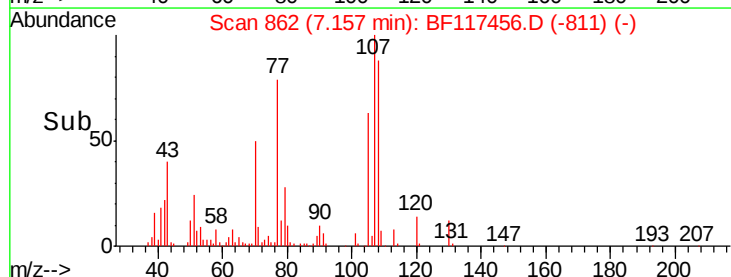
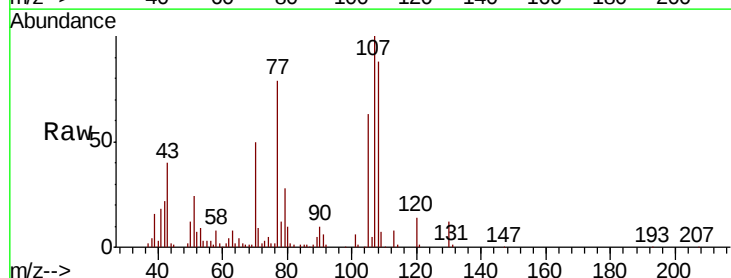
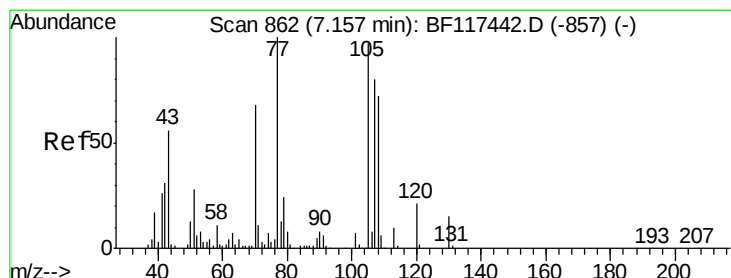
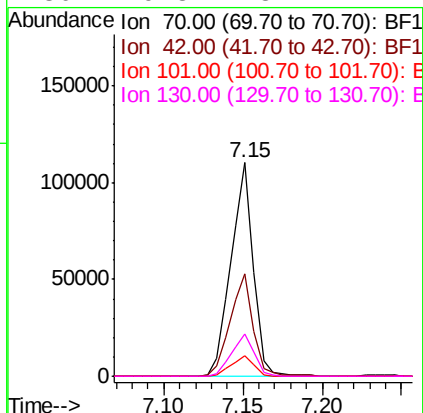




#19
n-Nitroso-di-n-propylamine
Concen: 30.552 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

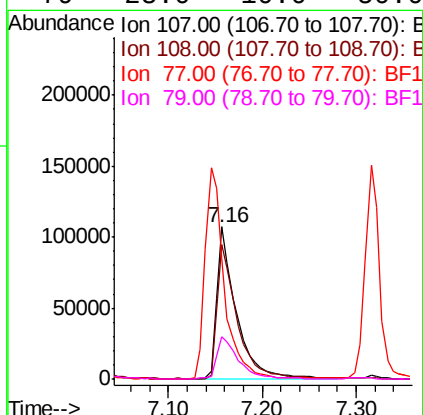
Instrument :
BNA_F
ClientSampleId :

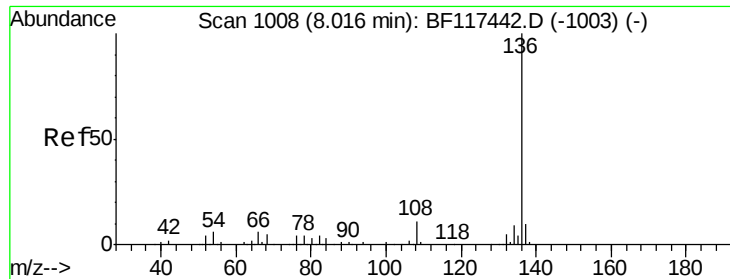
Tot Ion	70	Resp	107793
Ion	Ratio	Lower	Upper
70	100		
42	47.8	36.7	55.1
101	9.4	8.3	12.5
130	19.8	18.1	27.1



#20
3+4-Methylphenols
Concen: 31.848 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	107	Resp	155909
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	79.1	104.8	144.8#
79	28.0	10.0	50.0

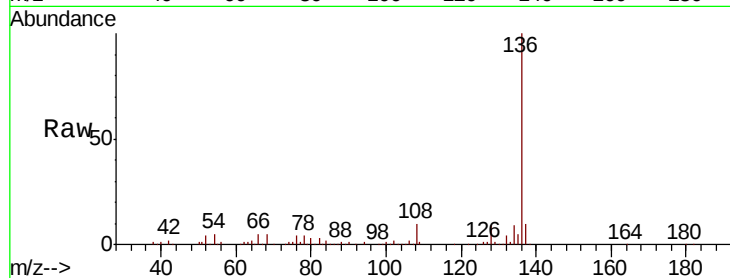




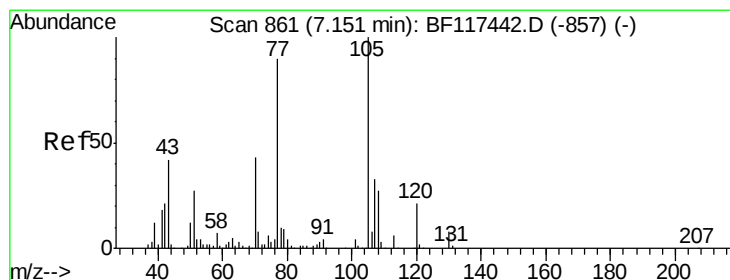
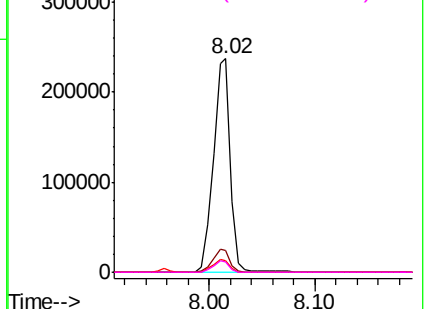
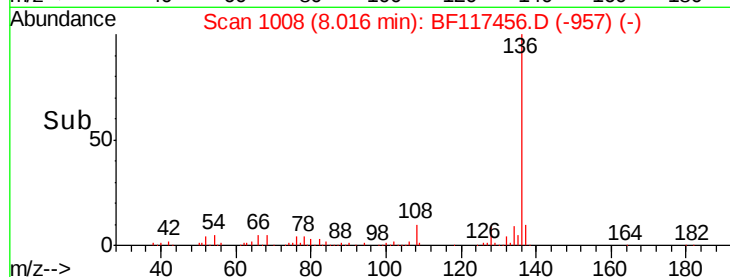
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	269134
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.2	12.4
54 5.4	4.5	6.7
68 4.8	4.3	6.5

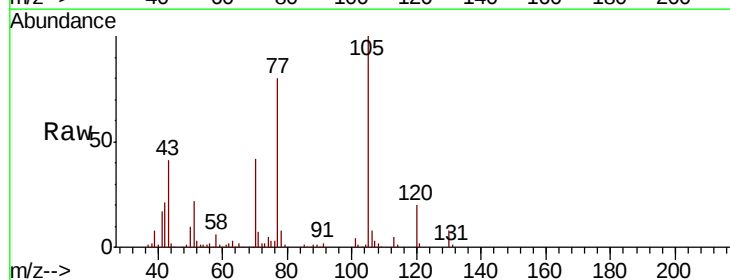


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

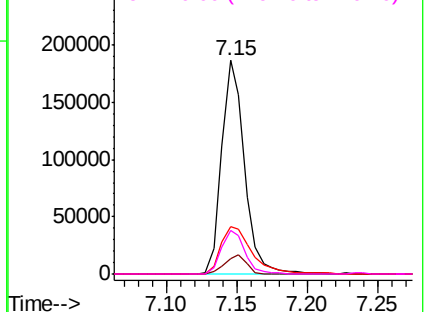
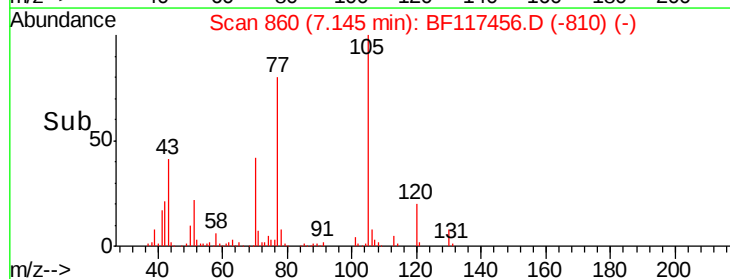


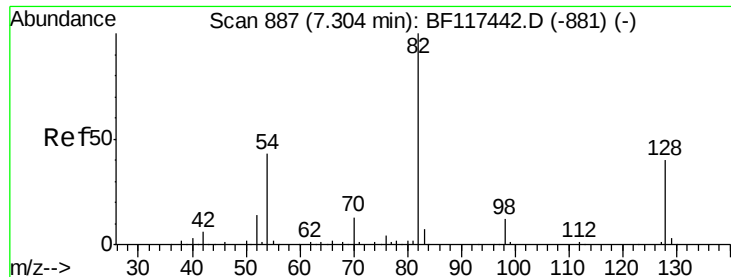
#22
Acetophenone
Concen: 29.332 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt	Ion:105	Resp:	209619
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.2	9.2
51	22.1	21.8	32.6
120	20.3	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

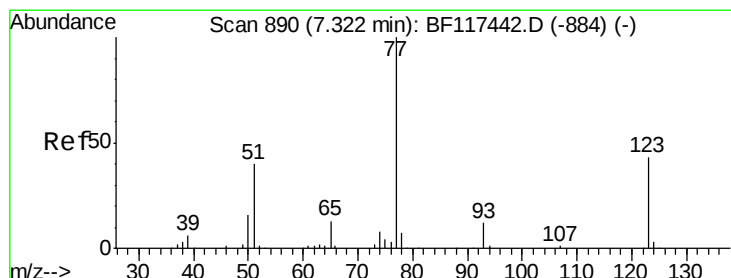
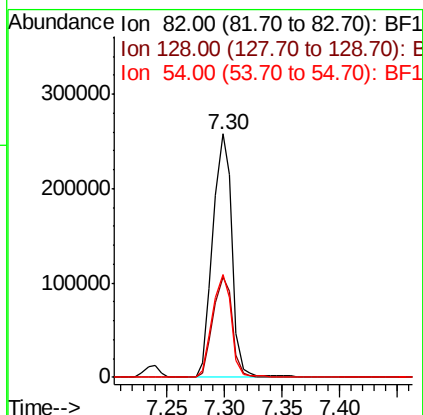
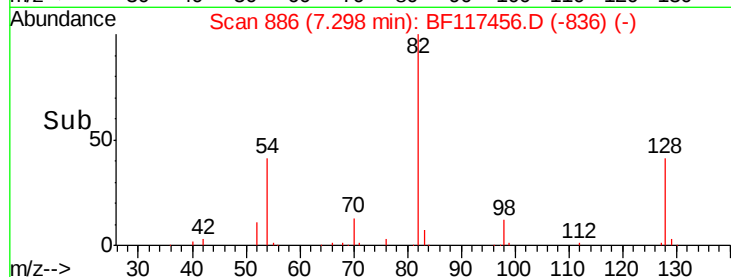
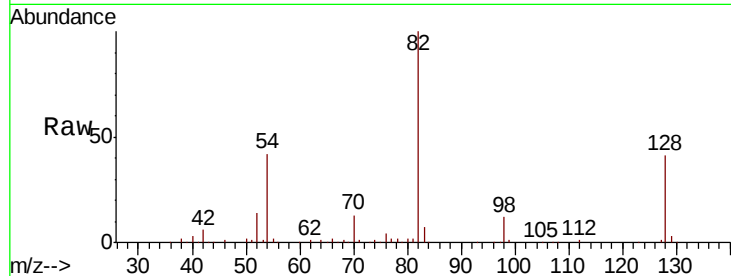




#23
Nitrobenzene-d5
Concen: 55.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

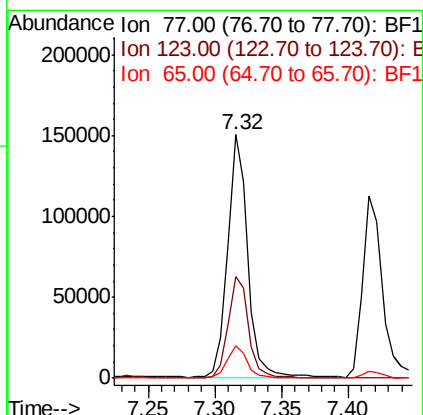
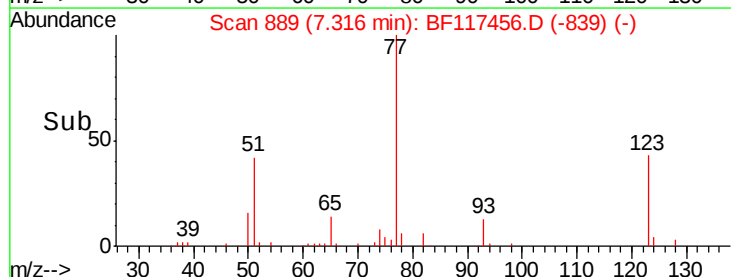
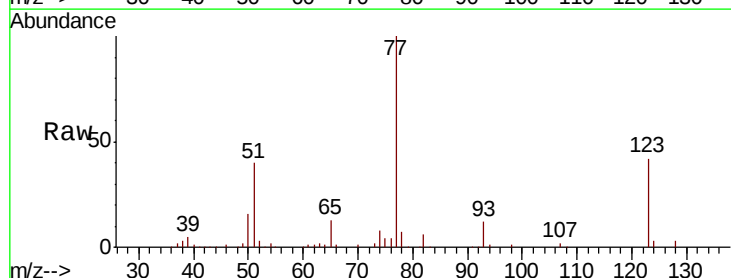
Instrument :
BNA_F
ClientSampleId :

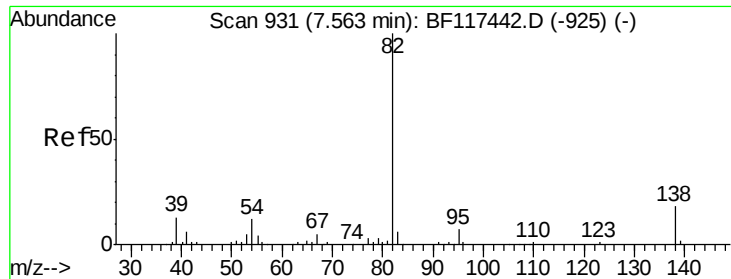
Tot Ion: 82 Resp: 301288
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 42.4 34.2 51.2



#24
Nitrobenzene
Concen: 30.471 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion: 77 Resp: 159105
Ion Ratio Lower Upper
77 100
123 41.8 34.2 51.2
65 13.2 10.3 15.5





#25

Isophorone

Concen: 31.538 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

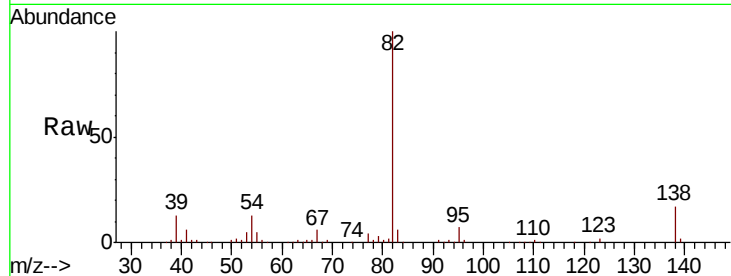
Tot Ion: 82 Resp: 297431

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

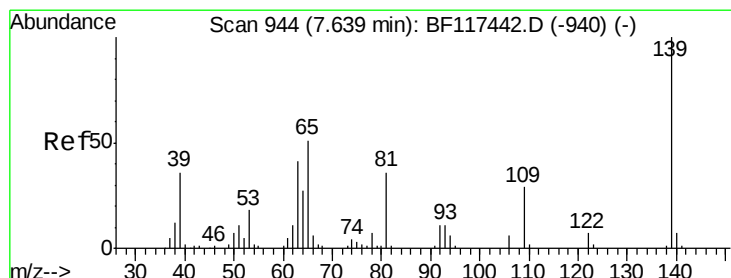
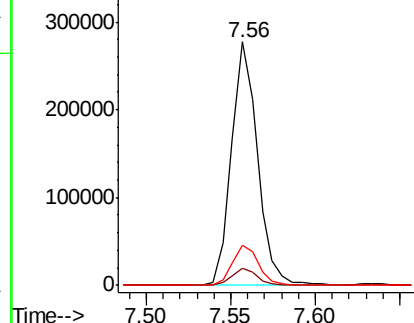
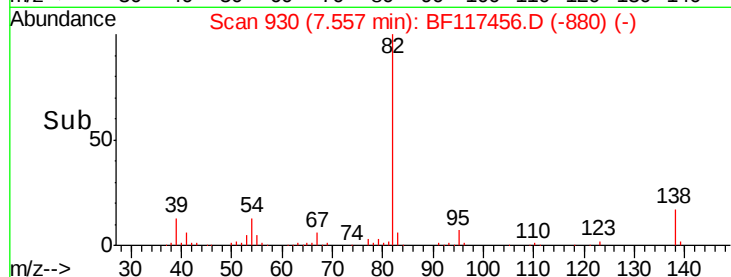
138 16.7 14.2 21.2



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: 31.741 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

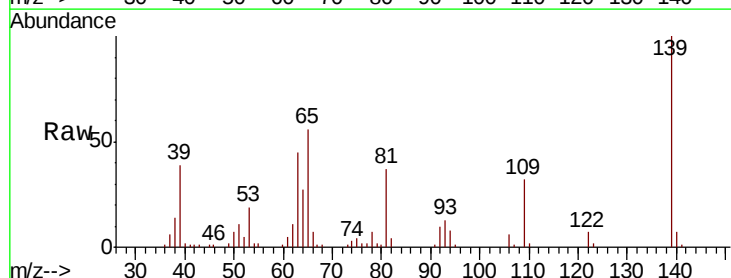
Tgt Ion: 139 Resp: 73918

Ion Ratio Lower Upper

139 100

109 32.2 23.2 34.8

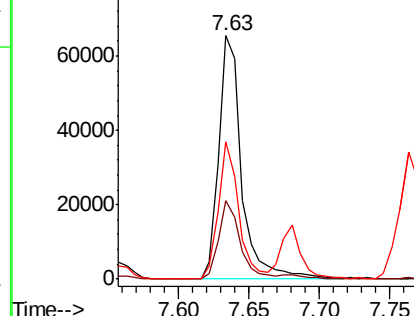
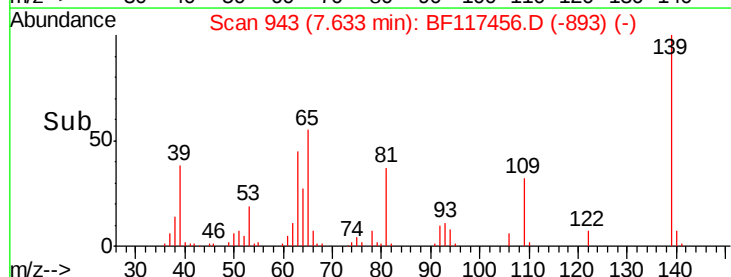
65 56.5 41.1 61.7

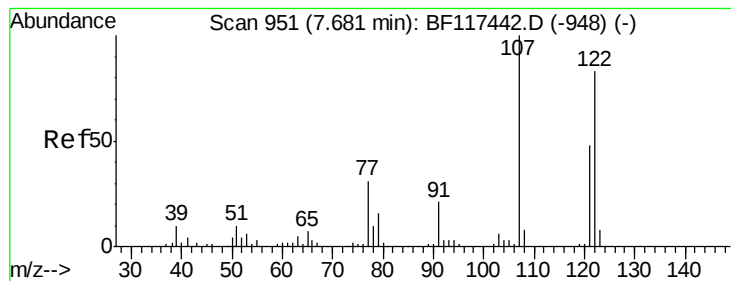


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.206 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

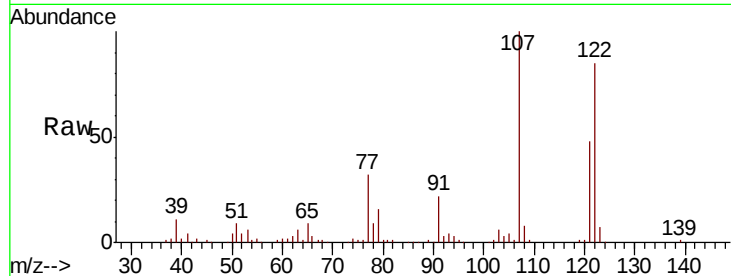
Tot Ion:122 Resp: 126008

Ion Ratio Lower Upper

122 100

107 117.4 96.8 145.2

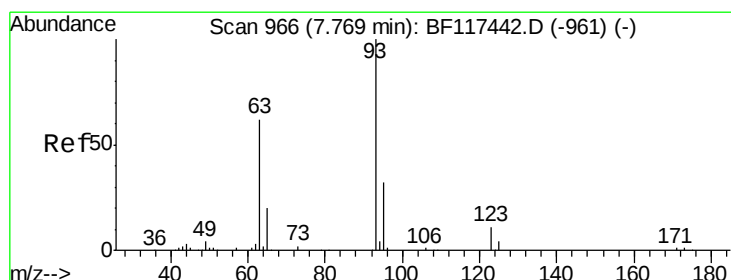
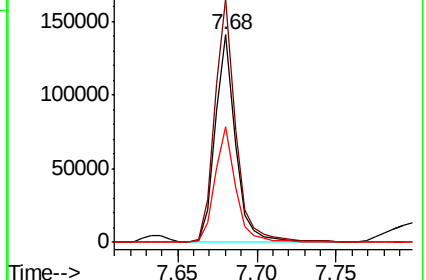
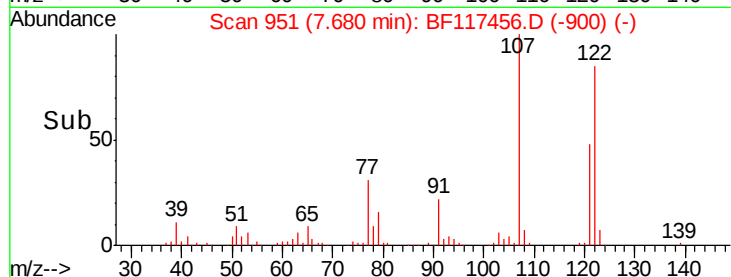
121 56.0 46.4 69.6



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: 30.005 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

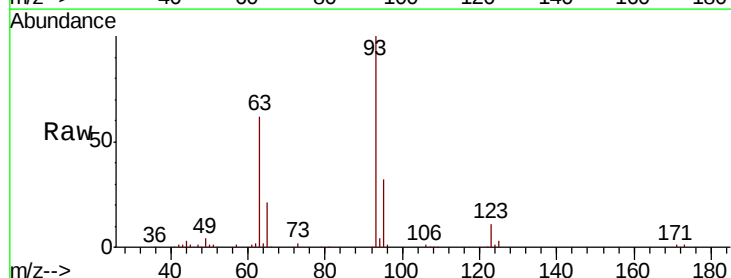
Tgt Ion: 93 Resp: 174609

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

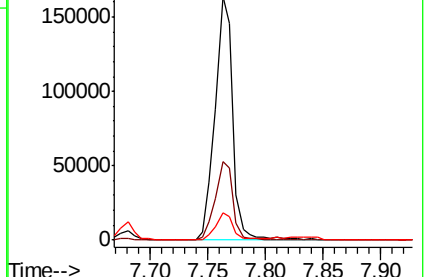
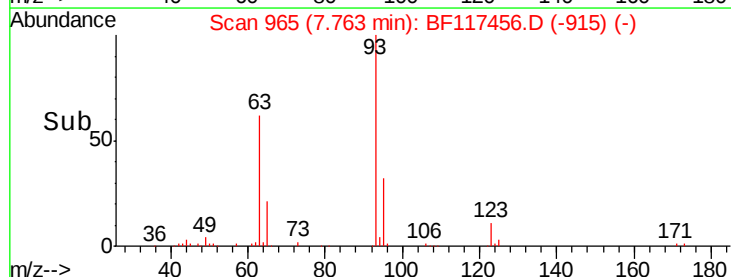
123 11.0 9.0 13.6

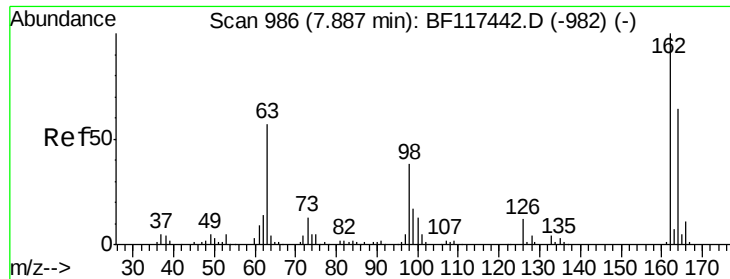


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

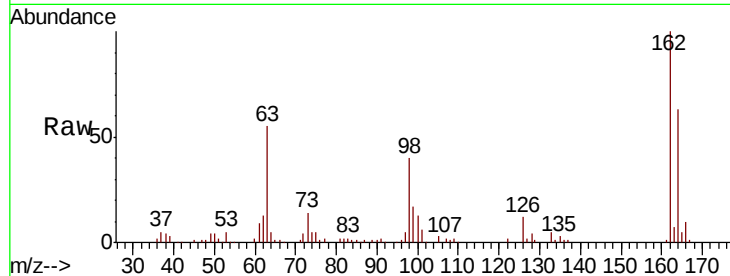




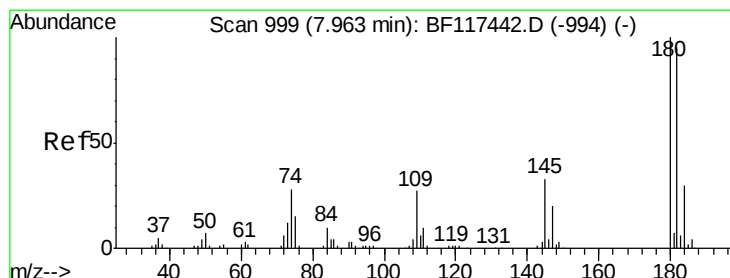
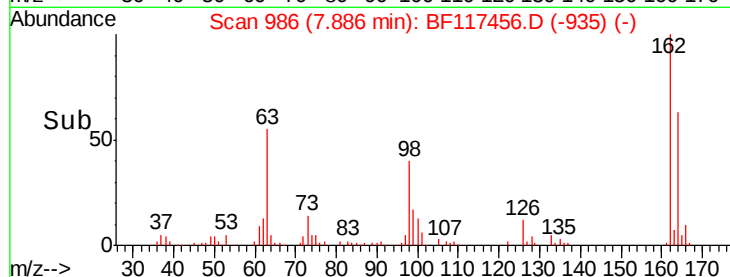
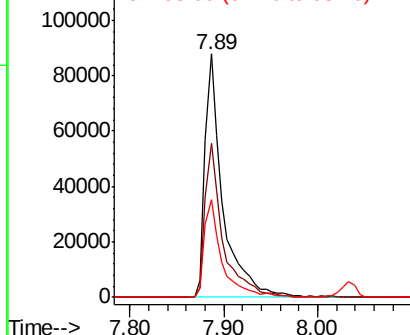
#29
2,4-Dichlorophenol
Concen: 31.915 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 116506
Ion Ratio Lower Upper
162 100
164 63.4 44.4 84.4
98 40.2 18.2 58.2

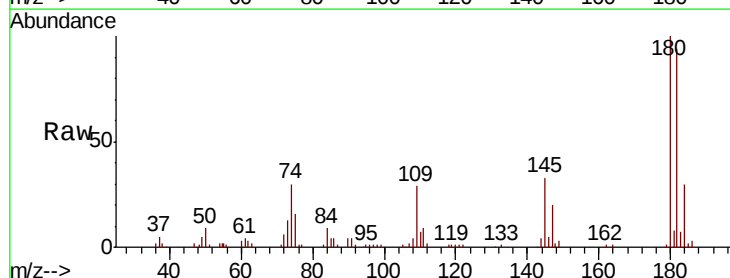


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

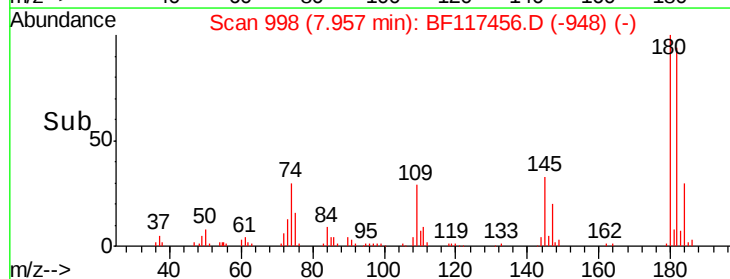
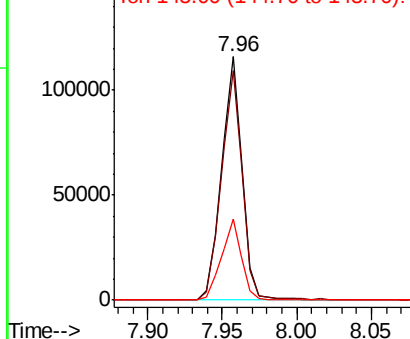


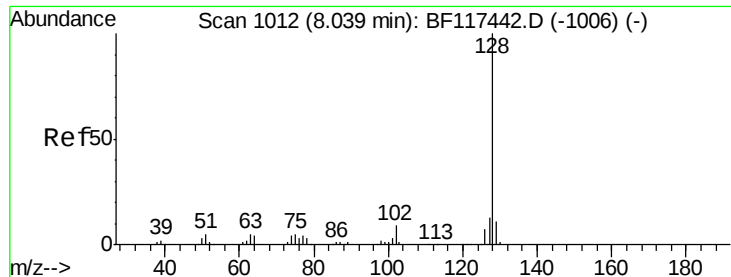
#30
1,2,4-Trichlorobenzene
Concen: 28.874 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:180 Resp: 113112
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.8
145 33.4 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

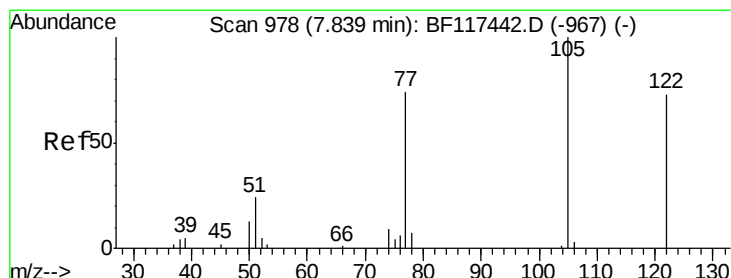
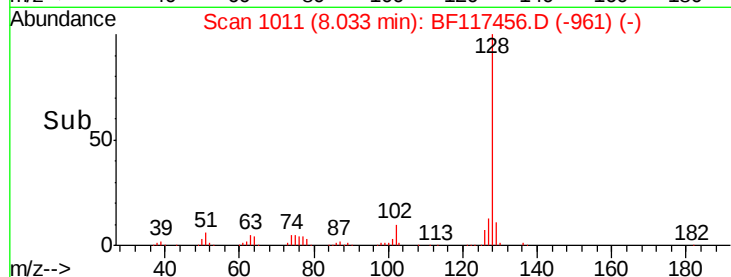
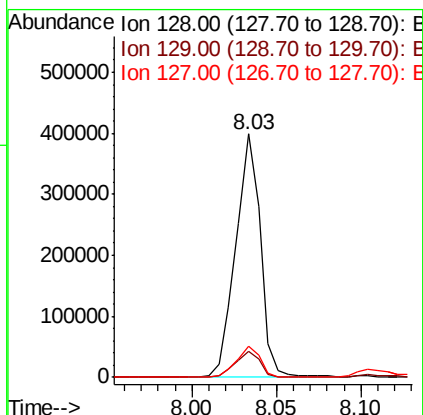
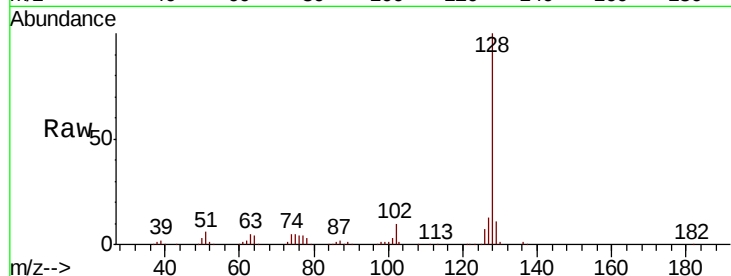




#31
Naphthalene
Concen: 30.532 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

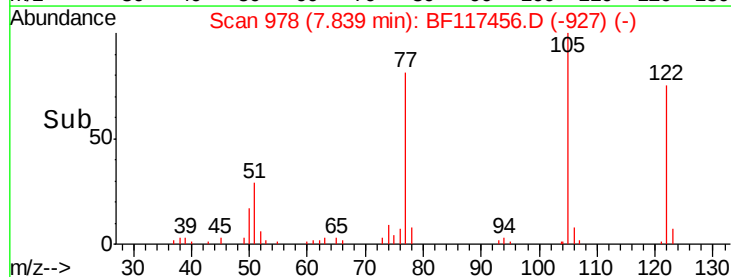
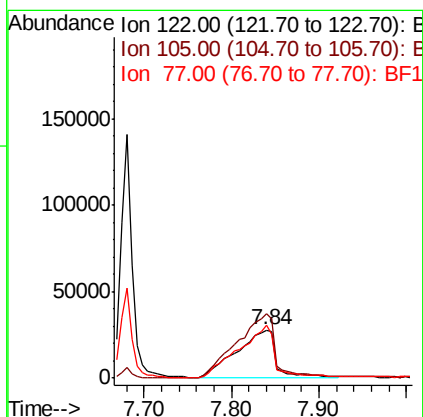
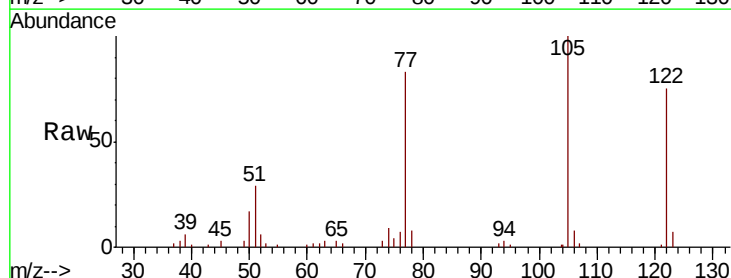
Instrument :
BNA_F
ClientSampleId :

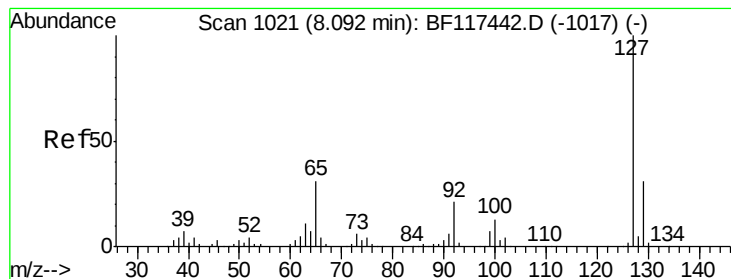
Tot Ion:128 Resp: 407304
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.6 10.2 15.2



#32
Benzoic acid
Concen: 35.336 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:122 Resp: 84234
Ion Ratio Lower Upper
122 100
105 134.1 115.0 155.0
77 110.7 79.7 119.7





#33

4-Chloroaniline

Concen: 4.378 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF117456.D

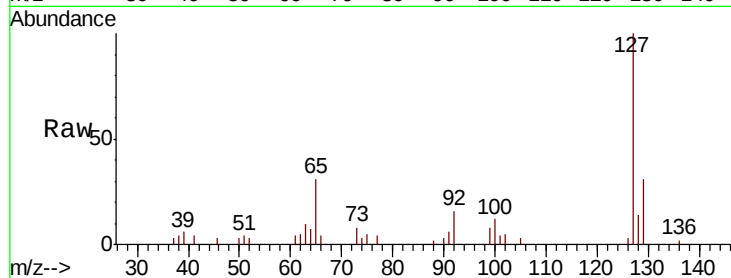
Acq: 21 Oct 2019 19:21

Instrument :

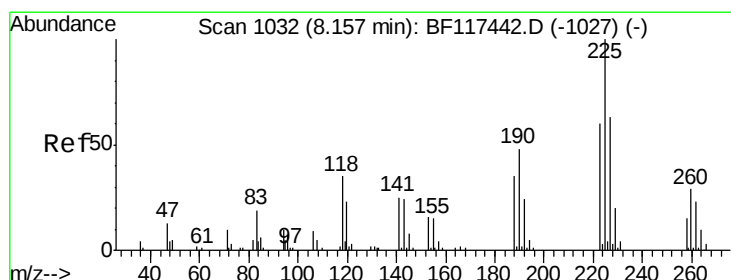
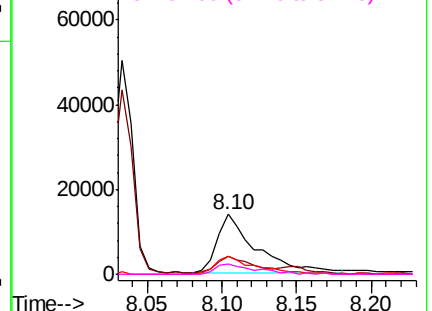
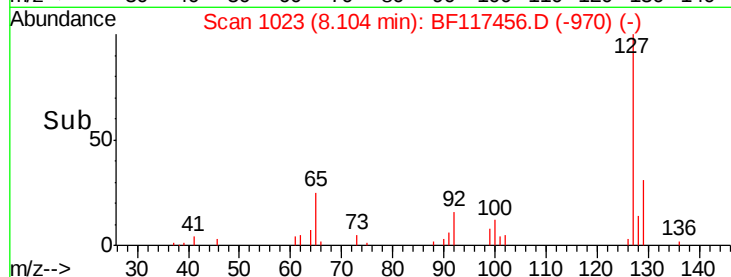
BNA_F

ClientSampleId :

Tot Ion:127	Resp:	24650
Ion Ratio	Lower	Upper
127	100	
129	30.6	24.8 37.2
65	30.9	24.6 37.0
92	16.2	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: 28.042 ng

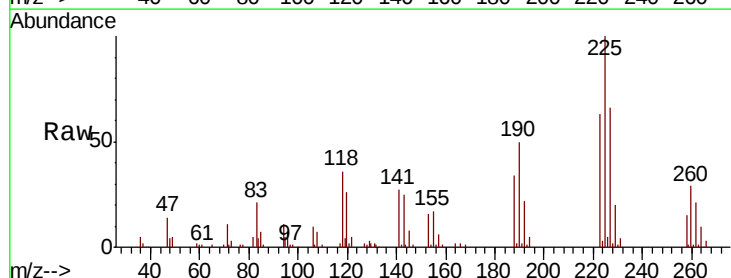
RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

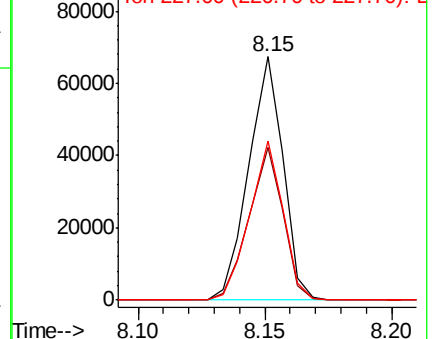
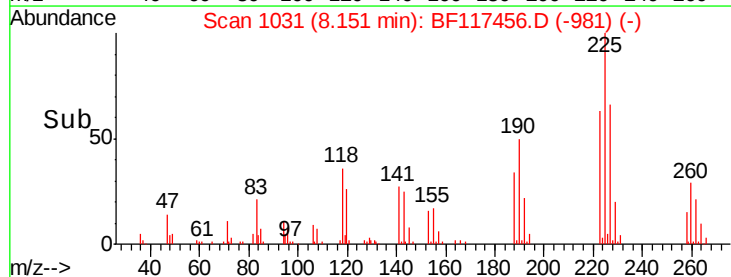
Lab File: BF117456.D

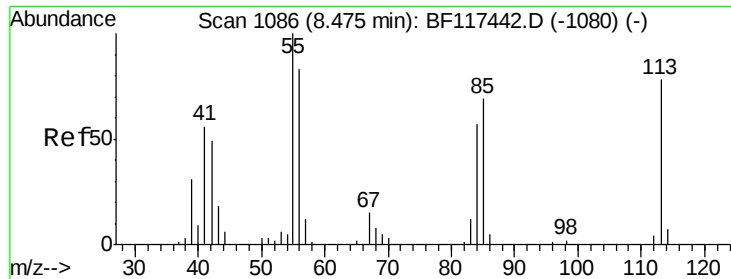
Acq: 21 Oct 2019 19:21

Tgt Ion:225	Resp:	63583
Ion Ratio	Lower	Upper
225	100	
223	62.5	48.2 72.4
227	65.5	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

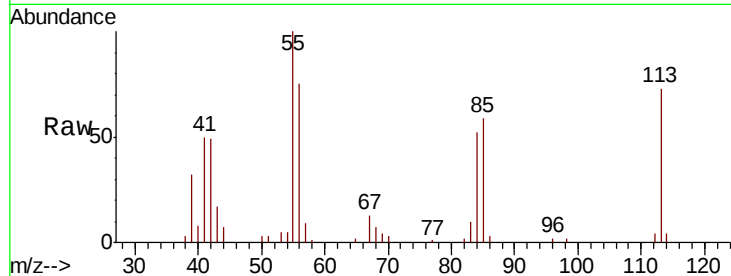




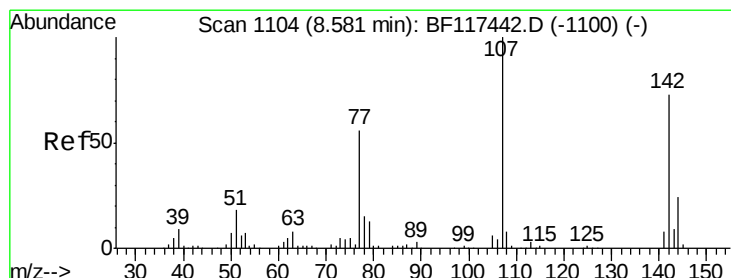
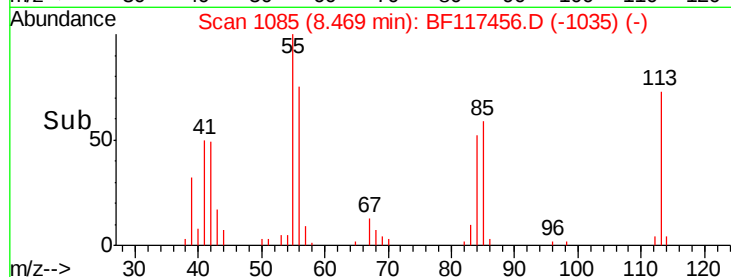
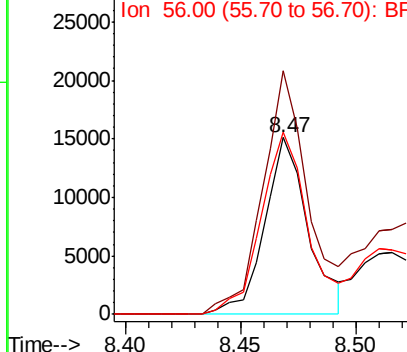
#35
 Caprolactam
 Concen: 16.859 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 19770
 Ion Ratio Lower Upper
 113 100
 55 137.9 108.8 148.8
 56 103.1 87.2 127.2

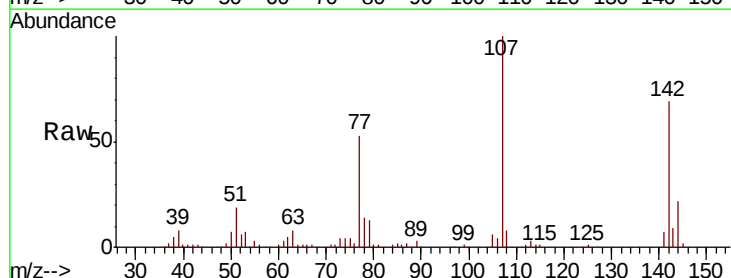


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

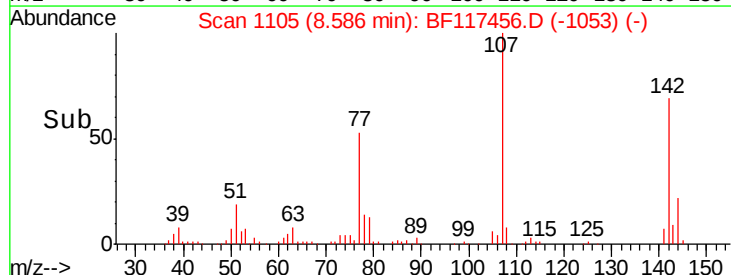
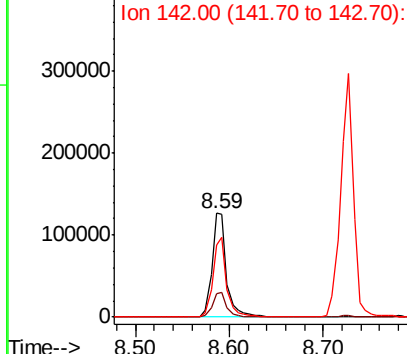


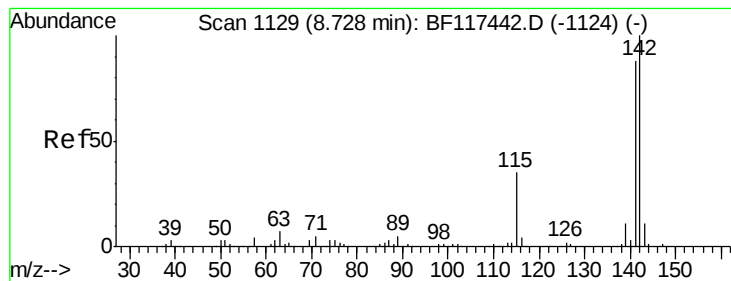
#36
 4-Chloro-3-methylphenol
 Concen: 33.571 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:107 Resp: 139763
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.9 28.3
 142 68.9 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

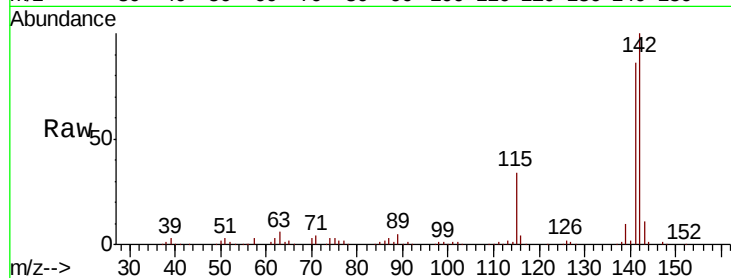




#37
2-Methylnaphthalene
Concen: 31.128 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.3	105.5
115	34.2	28.2	42.2

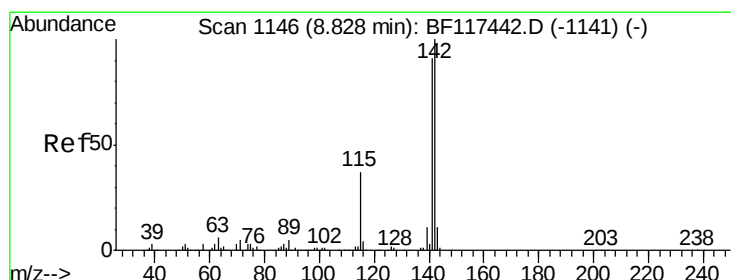
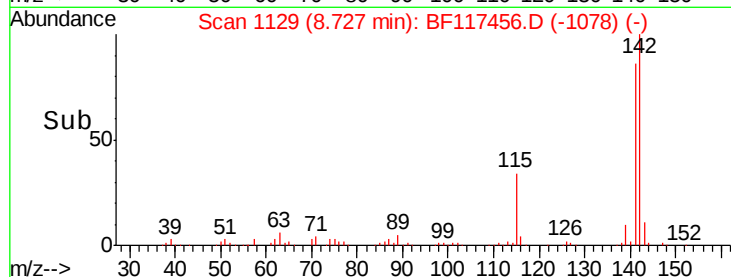
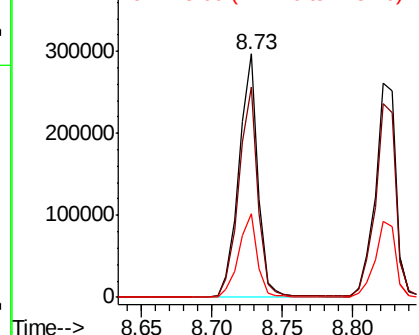


Abundance

Ion 142.00 (141.70 to 142.70): E

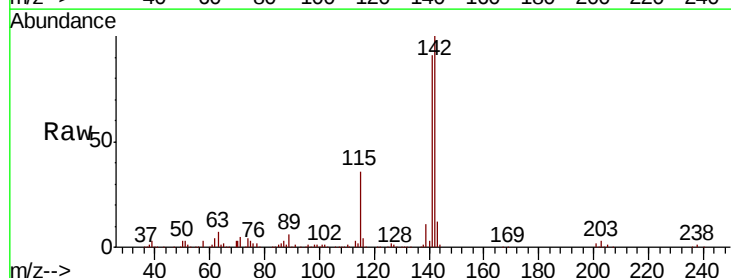
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 31.430 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.3	109.9
116	3.6	3.1	4.7

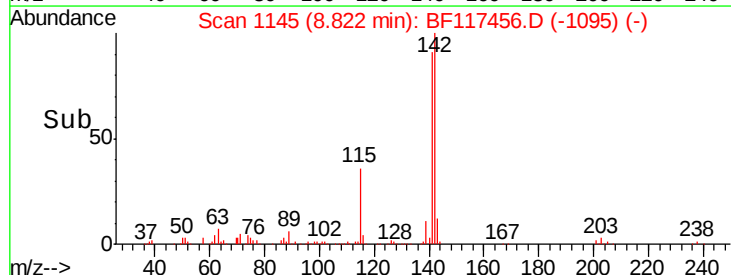
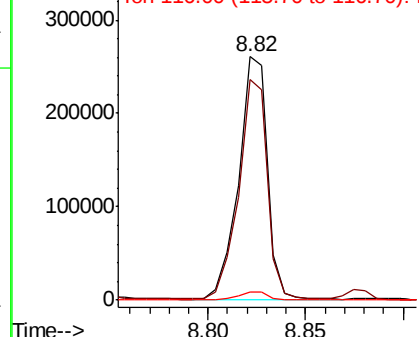


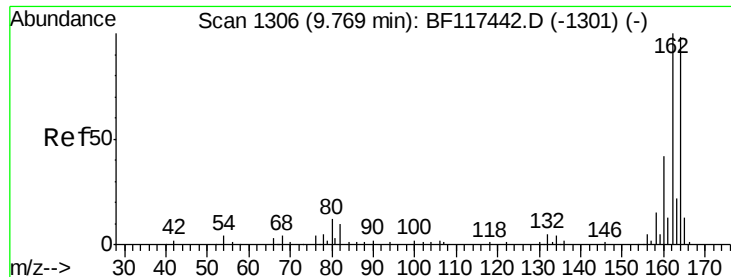
Abundance

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

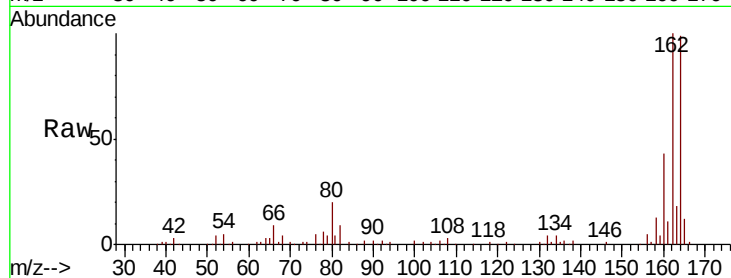
Tot Ion:164 Resp: 141394

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 43.7 34.4 51.6

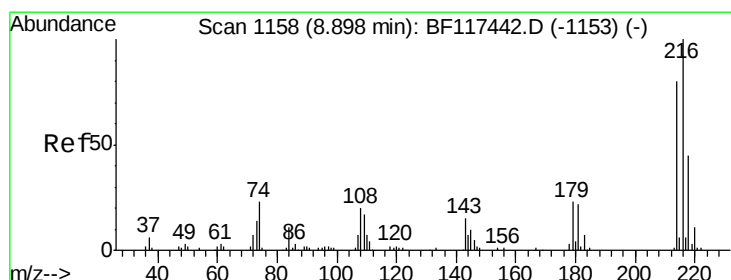
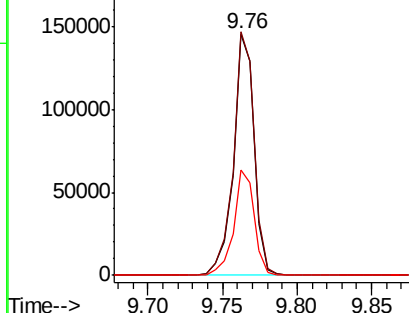
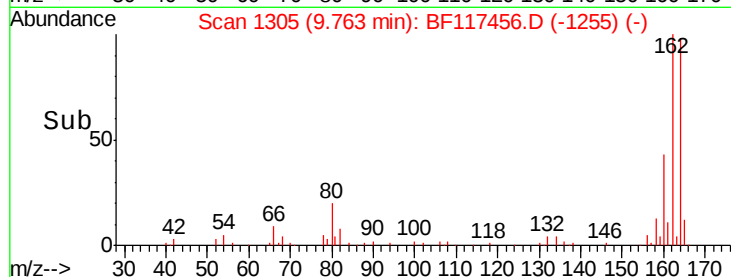


Abundance

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: 28.099 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:216 Resp: 107008

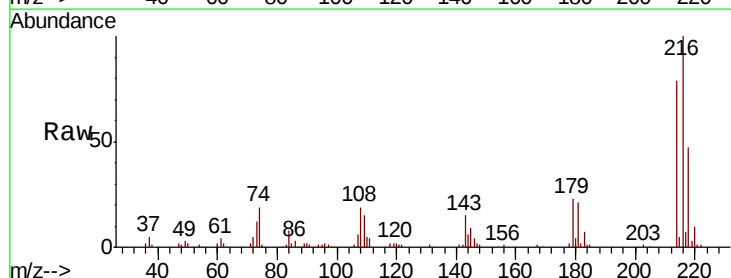
Ion Ratio Lower Upper

216 100

214 79.5 62.4 93.6

179 23.5 18.1 27.1

108 23.3 16.6 24.8



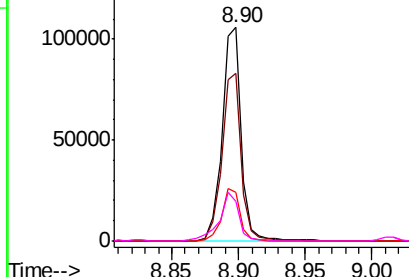
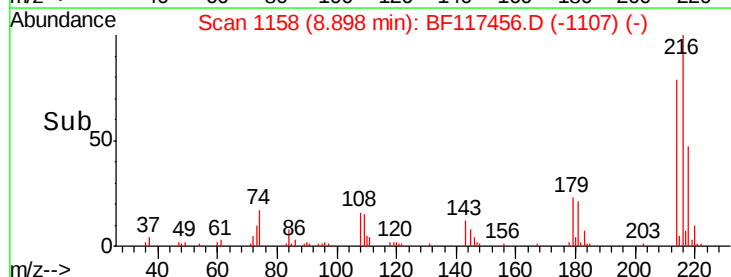
Abundance

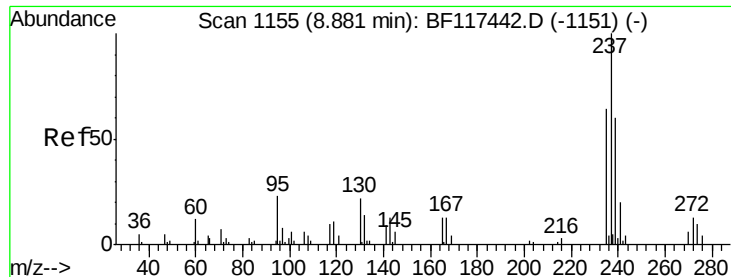
Ion 216.00 (215.70 to 216.70): E

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: 68.355 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampled :

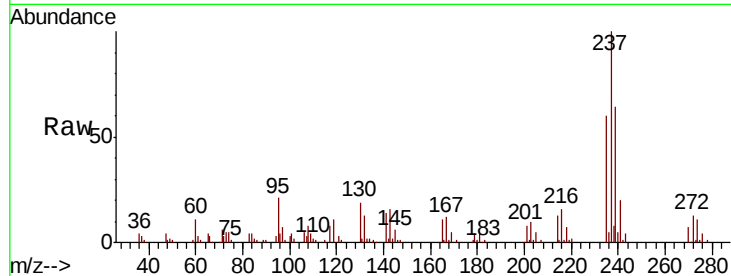
Tot Ion:237 Resp: 65595

Ion Ratio Lower Upper

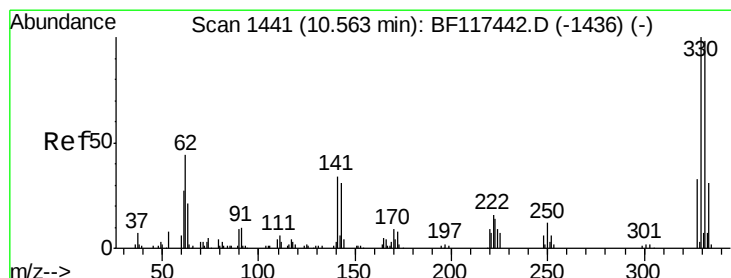
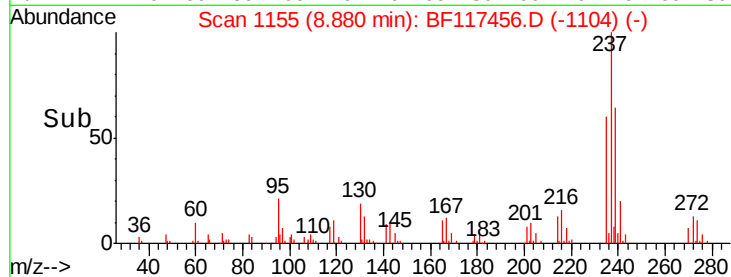
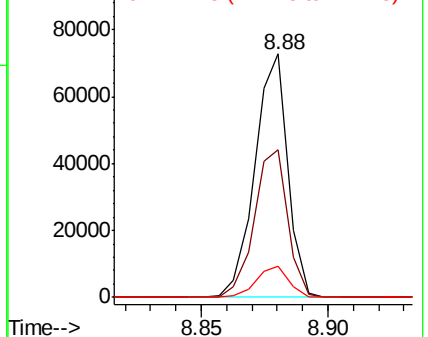
237 100

235 60.4 44.3 84.3

272 12.6 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: 86.999 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

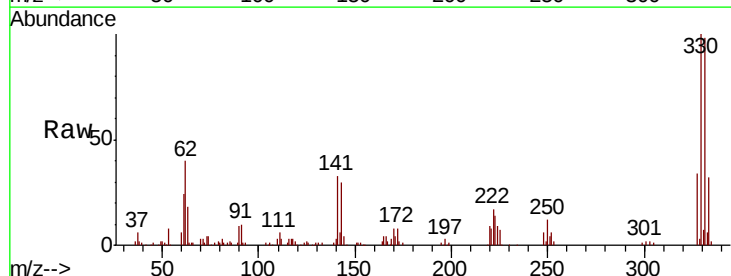
Tgt Ion:330 Resp: 106437

Ion Ratio Lower Upper

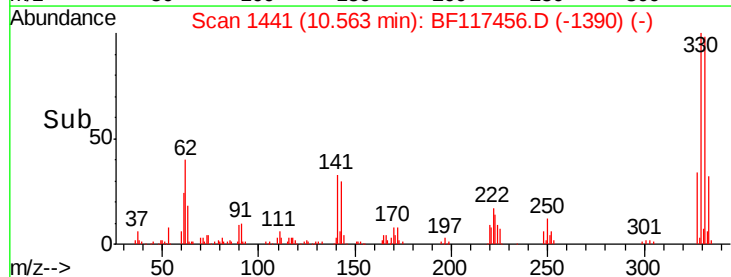
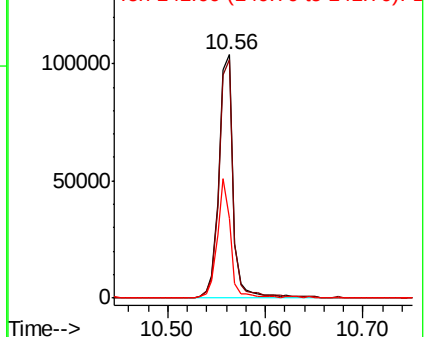
330 100

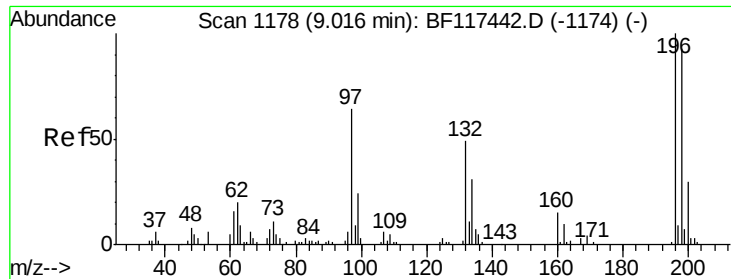
332 97.0 78.5 117.7

141 44.9 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

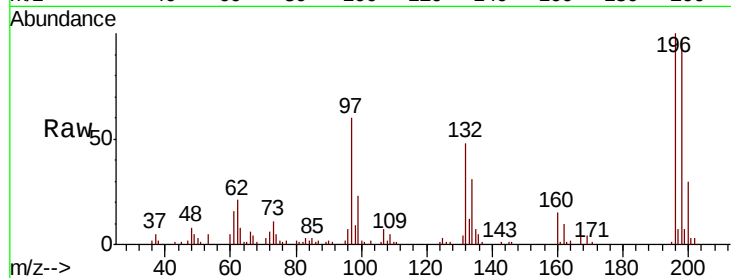




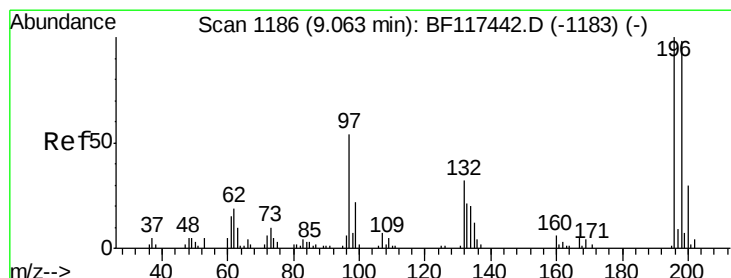
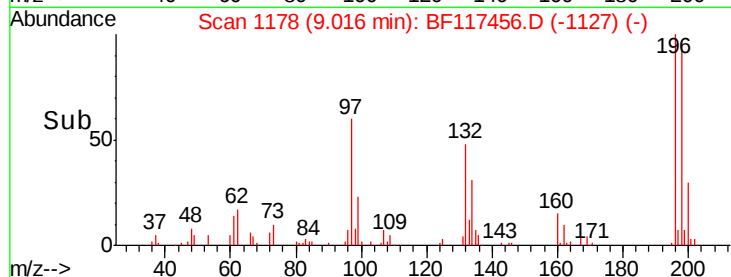
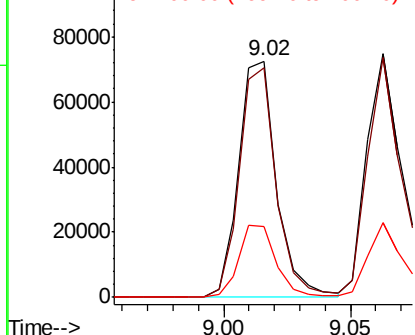
#43
 2,4,6-Trichlorophenol
 Concen: 31.461 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	75029
Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.1	111.1
200	29.7	23.9	35.9



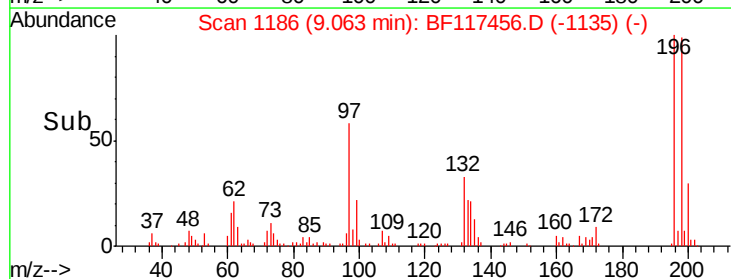
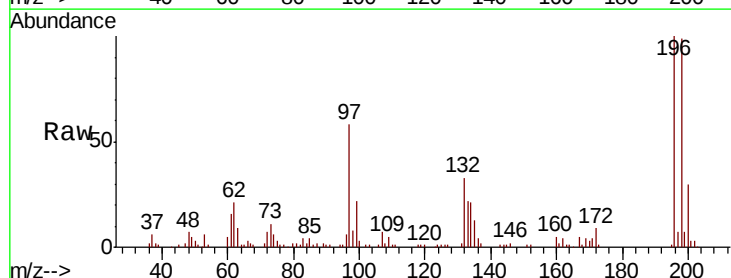
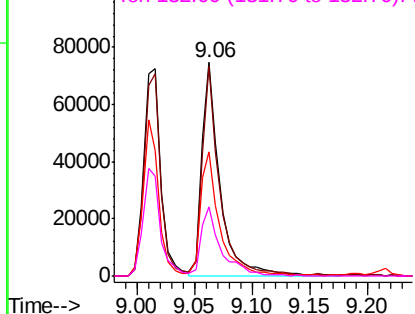
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

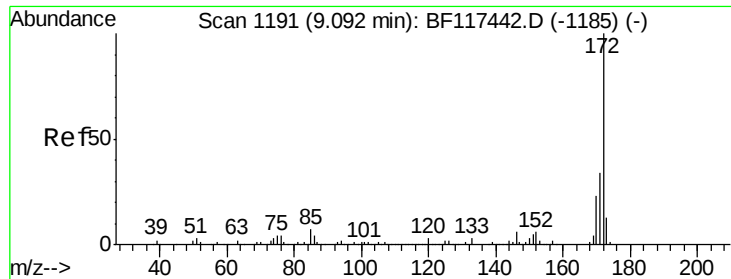


#44
 2,4,5-Trichlorophenol
 Concen: 34.476 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	196	Resp	83316
Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.6	117.8
97	58.1	43.4	65.2
132	32.5	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

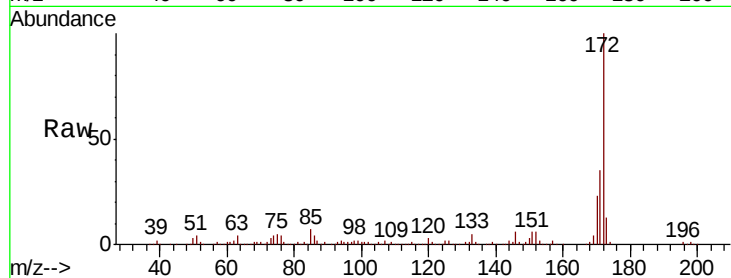




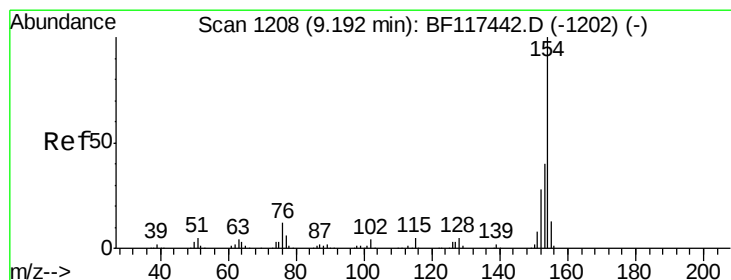
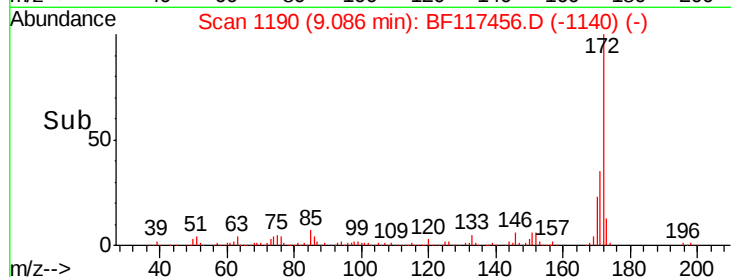
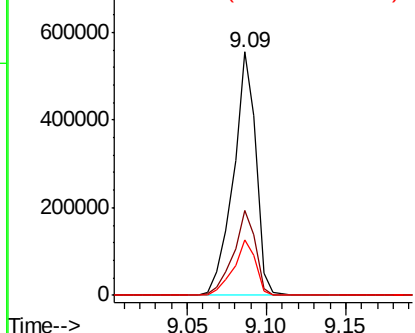
#45
 2-Fluorobiphenyl
 Concen: 54.496 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 546873
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.5 41.3
 170 22.9 18.6 27.8

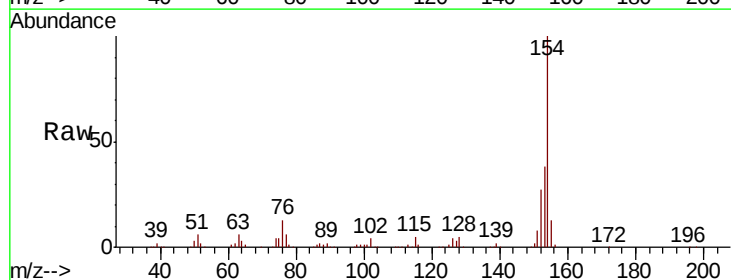


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

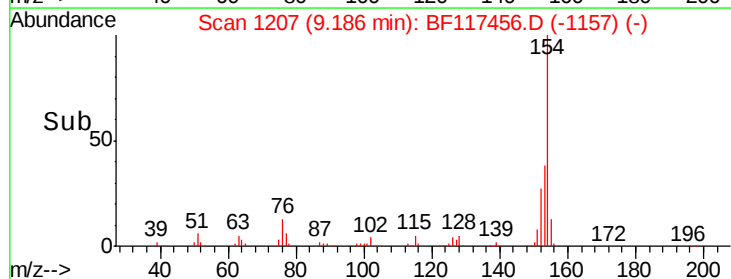
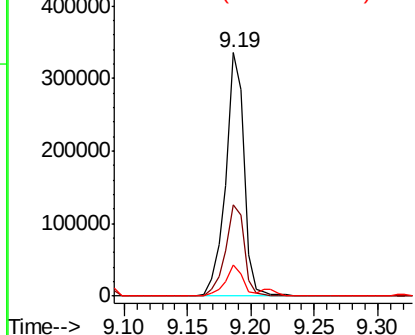


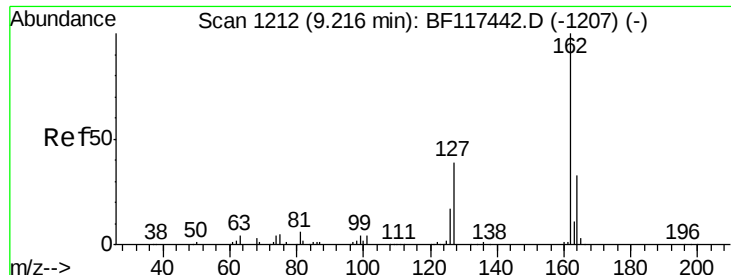
#46
 1,1'-Biphenyl
 Concen: 28.662 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:154 Resp: 335500
 Ion Ratio Lower Upper
 154 100
 153 37.8 20.2 60.2
 76 12.8 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

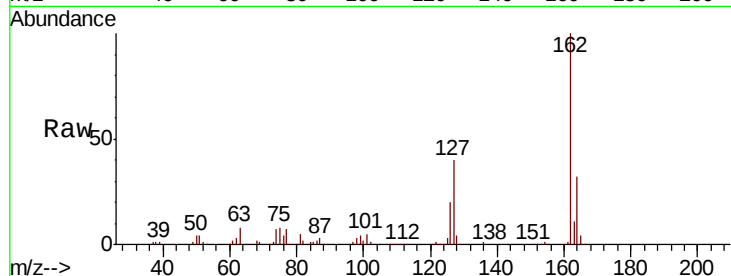




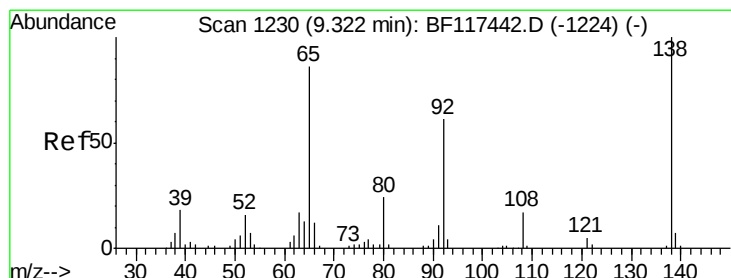
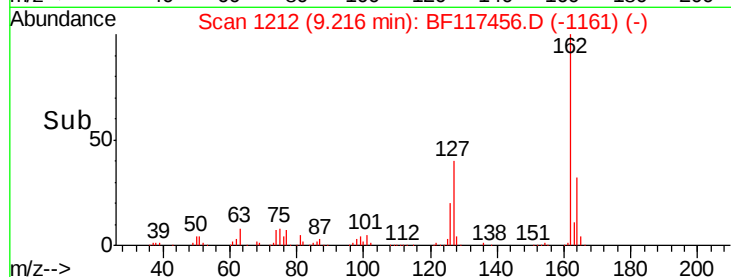
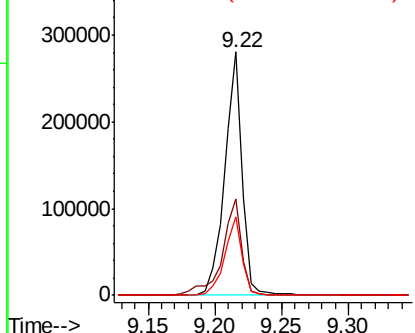
#47
2-Chloronaphthalene
Concen: 29.199 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	34.2	51.4
164	32.2	26.4	39.6

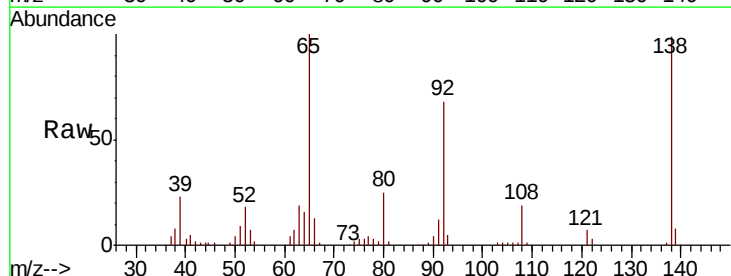


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

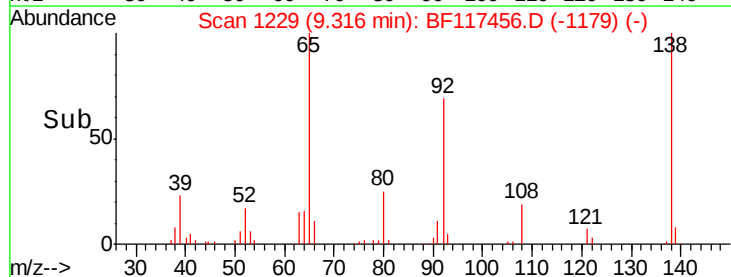
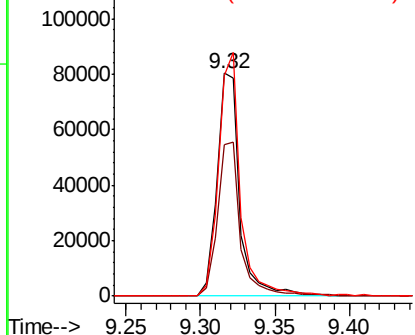


#48
2-Nitroaniline
Concen: 29.699 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	57.3	85.9
138	99.2	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: 31.042 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

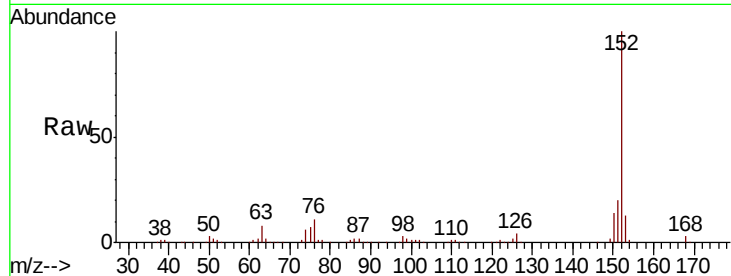
Tot Ion:152 Resp: 402414

Ion Ratio Lower Upper

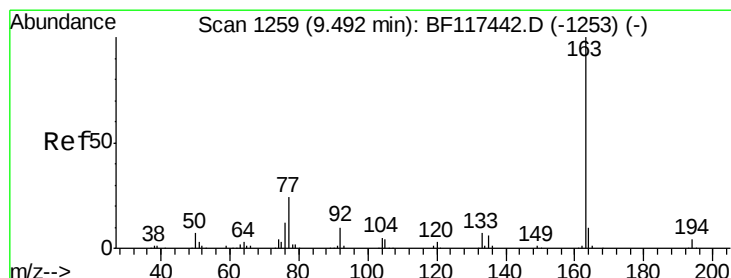
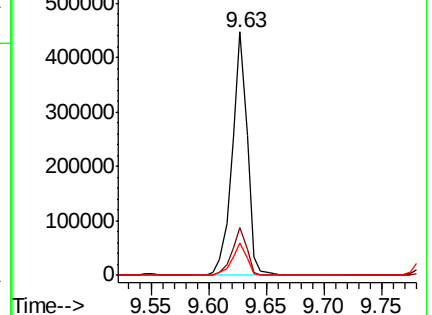
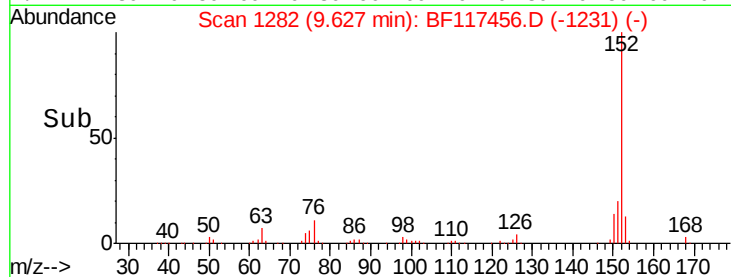
152 100

151 19.7 15.4 23.0

153 13.1 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: 33.759 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

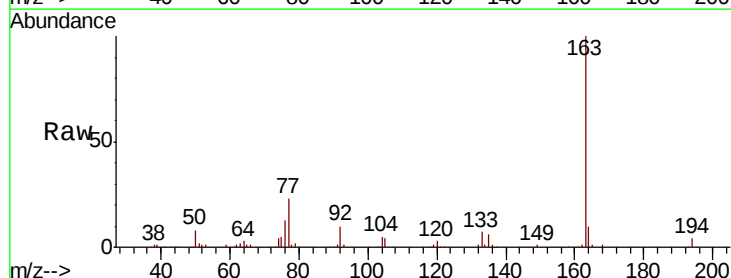
Tgt Ion:163 Resp: 340288

Ion Ratio Lower Upper

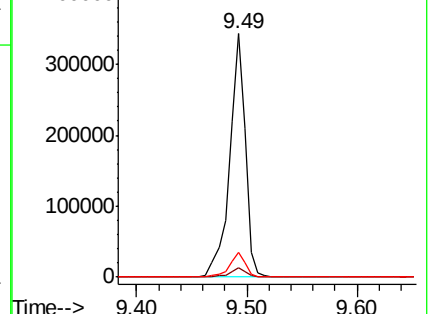
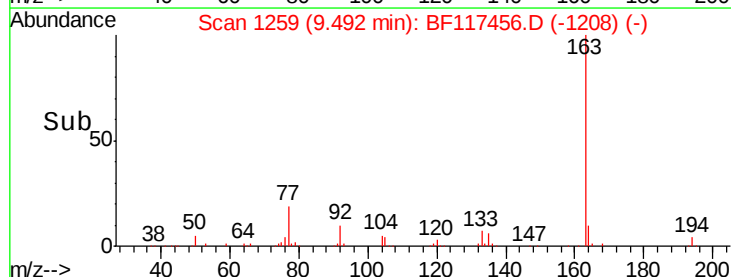
163 100

194 3.6 2.9 4.3

164 10.0 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: 31.135 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

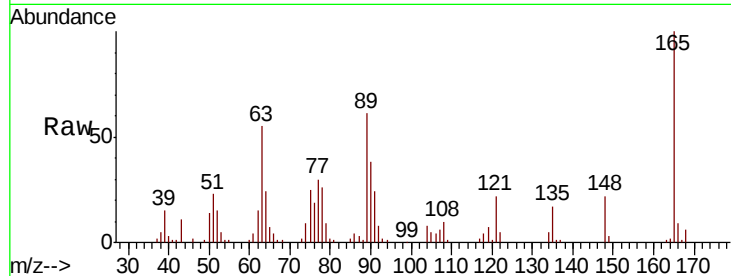
Tot Ion:165 Resp: 65489

Ion Ratio Lower Upper

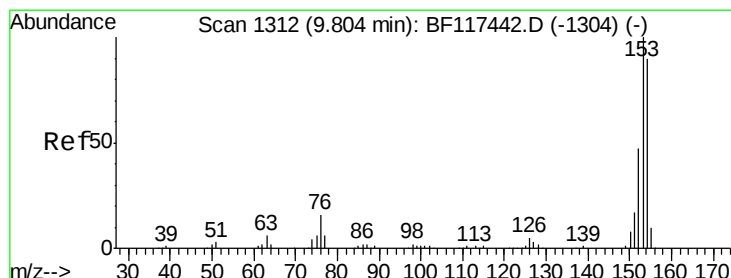
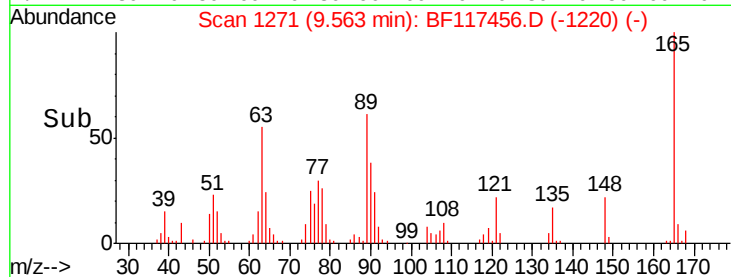
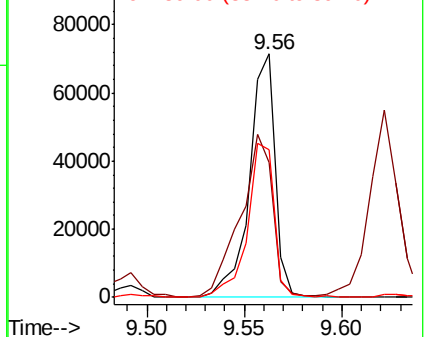
165 100

63 55.1 43.8 65.8

89 60.6 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: 29.957 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

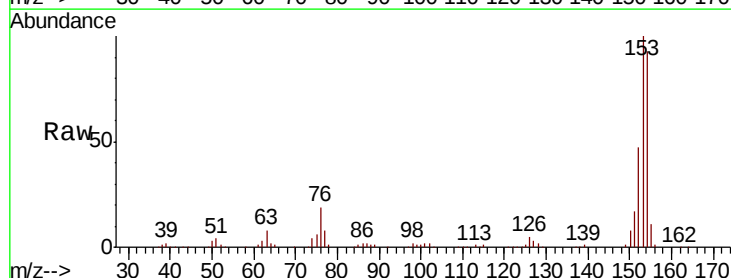
Tgt Ion:154 Resp: 238260

Ion Ratio Lower Upper

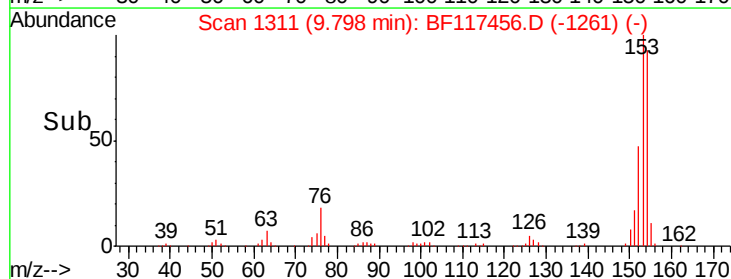
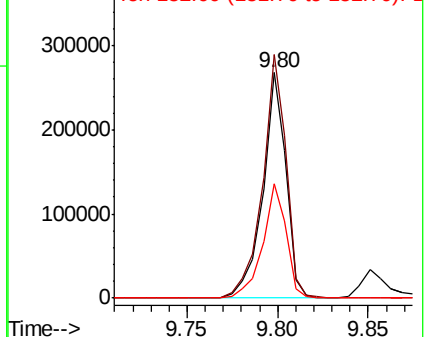
154 100

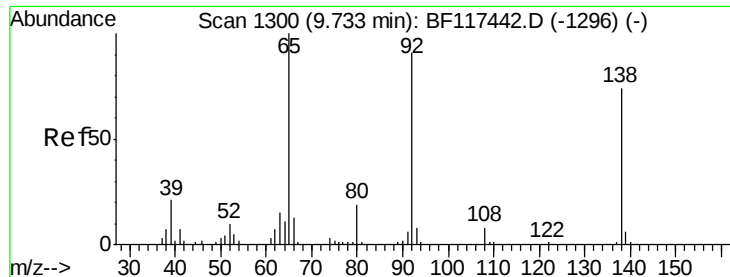
153 108.0 89.2 133.8

152 50.6 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

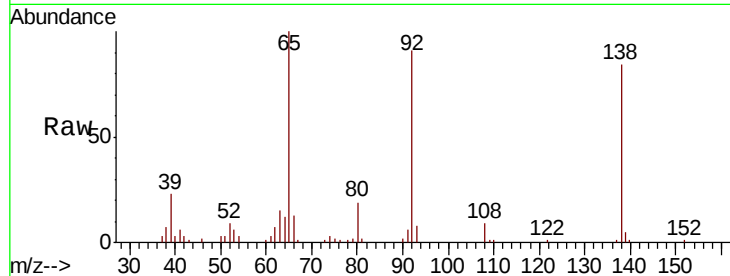




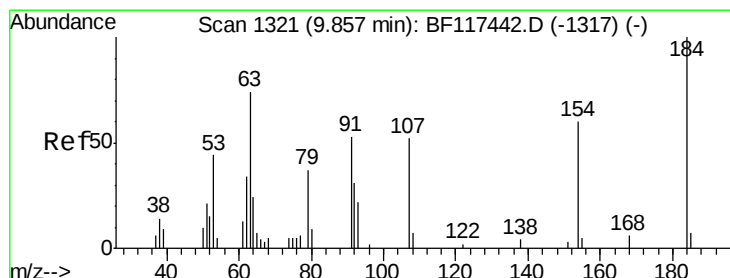
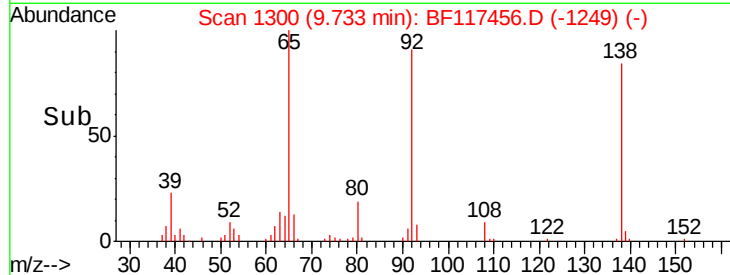
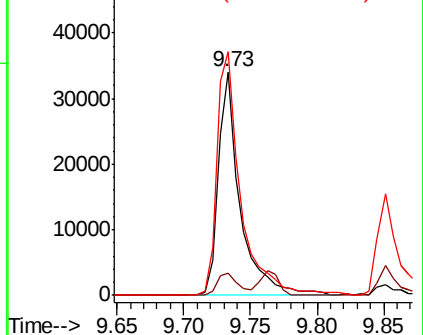
#53
3-Nitroaniline
Concen: 15.312 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 39078
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 108.8 98.4 147.6

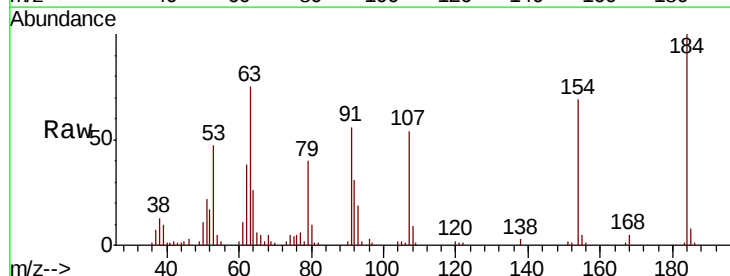


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

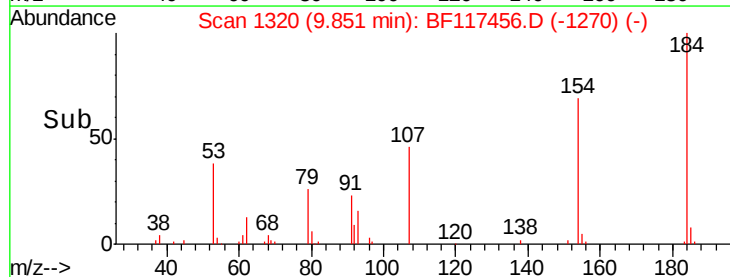
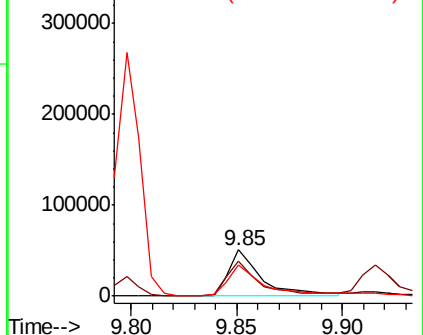


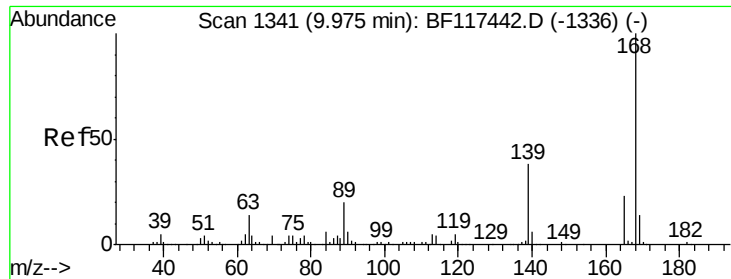
#54
2,4-Dinitrophenol
Concen: 64.560 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:184 Resp: 55377
Ion Ratio Lower Upper
184 100
63 74.8 59.2 88.8
154 68.5 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

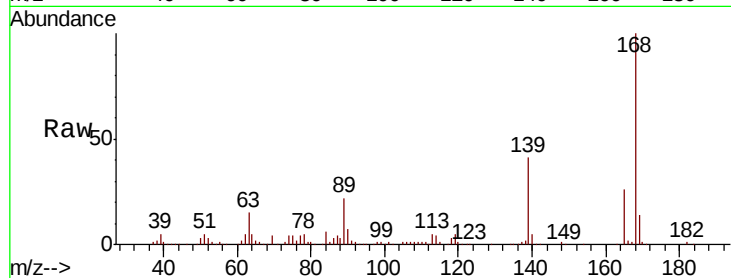




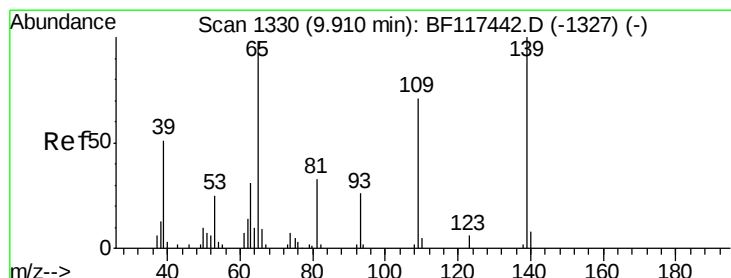
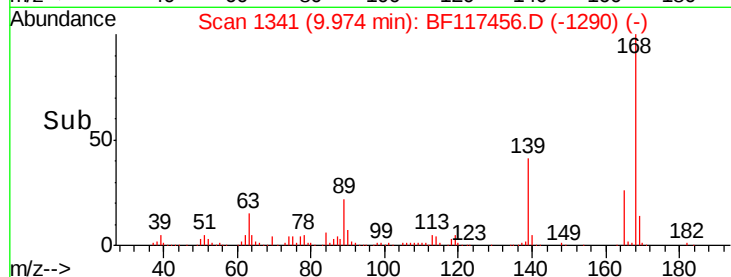
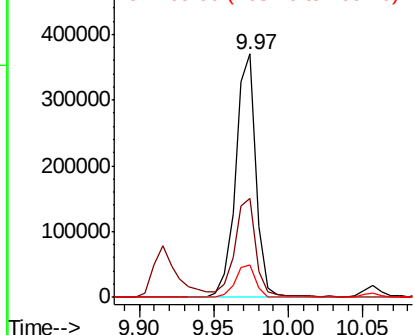
#55
Dibenzenofuran
Concen: 30.846 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 355436
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6
169 13.6 11.2 16.8

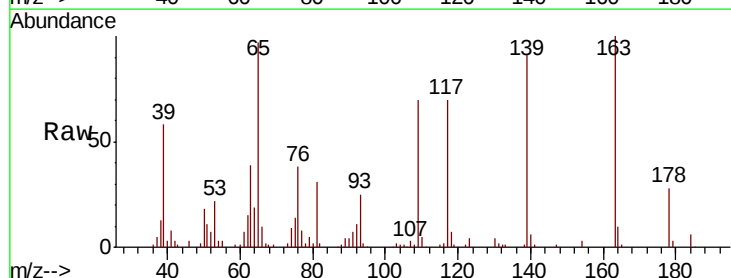


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

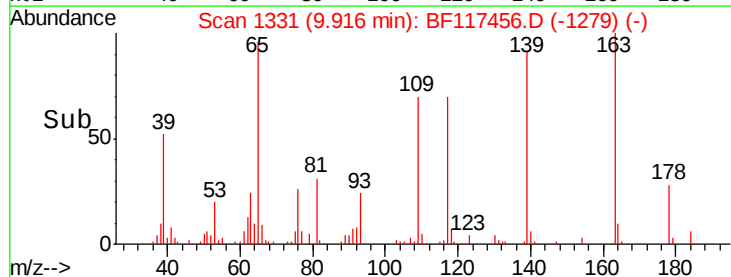
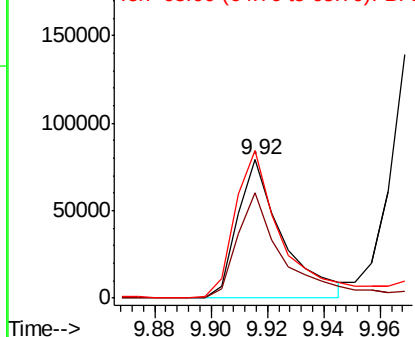


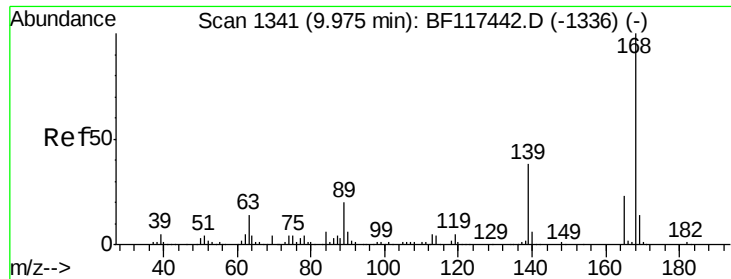
#56
4-Nitrophenol
Concen: 74.870 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:139 Resp: 87628
Ion Ratio Lower Upper
139 100
109 76.6 51.4 91.4
65 106.4 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

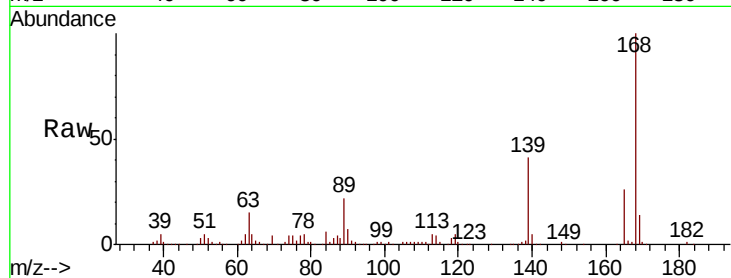




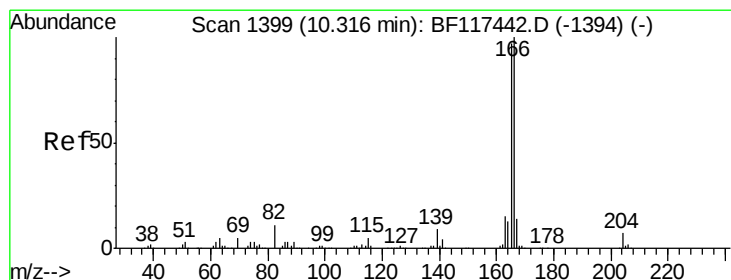
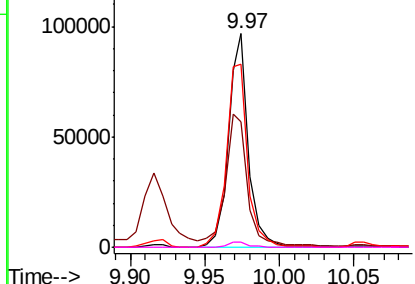
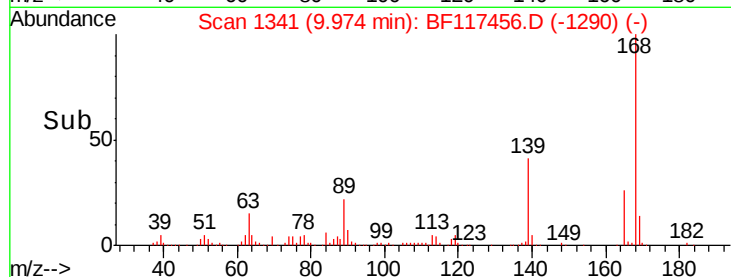
#57
 2,4-Dinitrotoluene
 Concen: 32.484 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 90843
 Ion Ratio Lower Upper
 165 100
 63 58.8 51.4 77.0
 89 85.9 69.9 104.9
 182 2.2 1.9 2.9

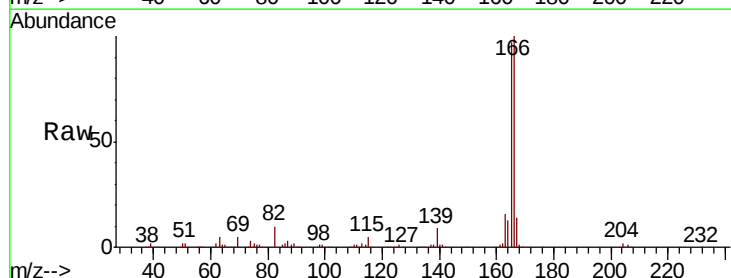


Abundance Ion 165.00 (164.70 to 165.70): E
 150000 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

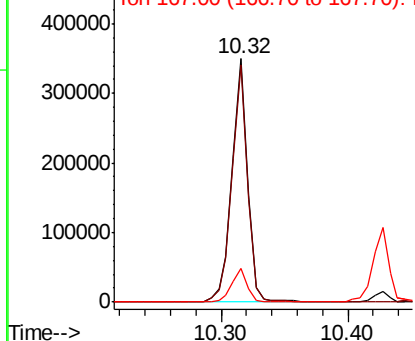
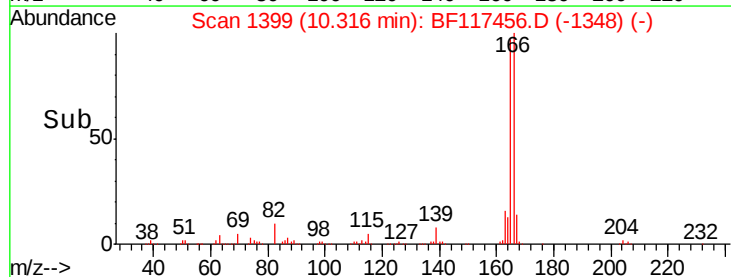


#58
 Fluorene
 Concen: 31.267 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:166 Resp: 297948
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.6 116.4
 167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

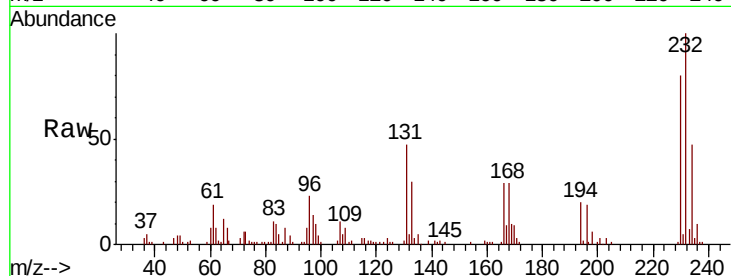




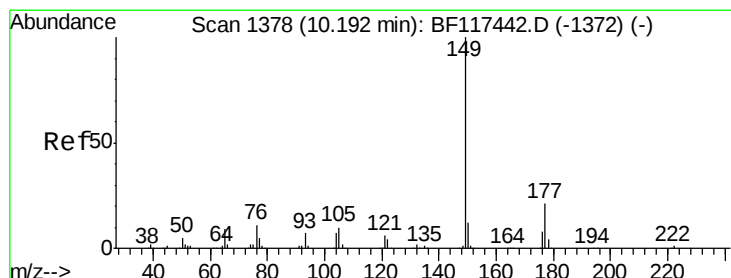
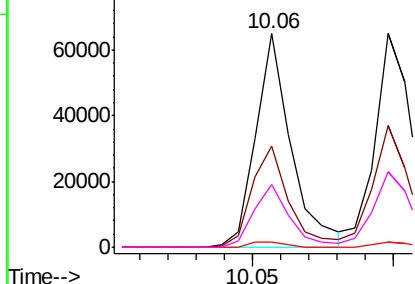
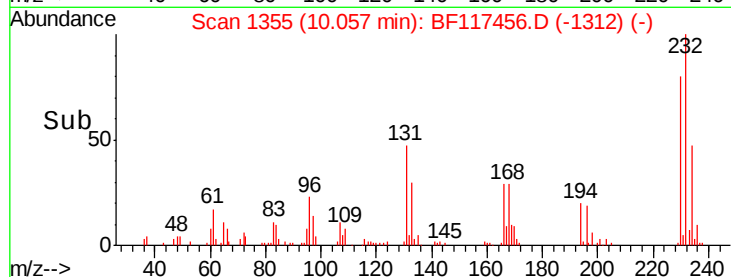
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.736 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.05 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.7	42.6	63.8
130	2.4	2.2	3.4
166	30.2	27.5	41.3

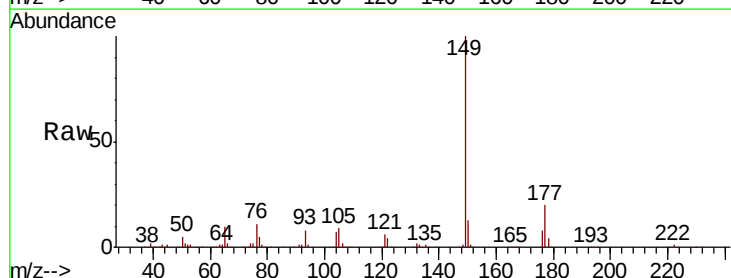


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

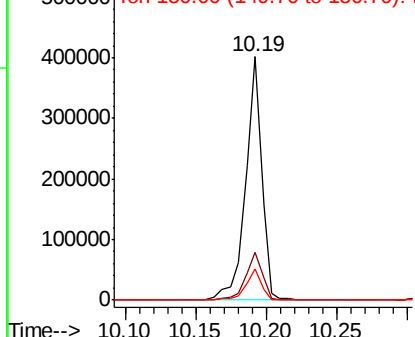
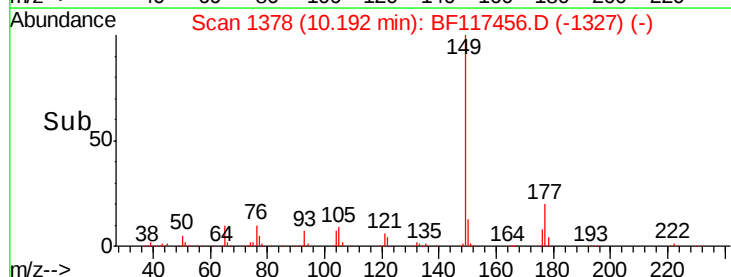


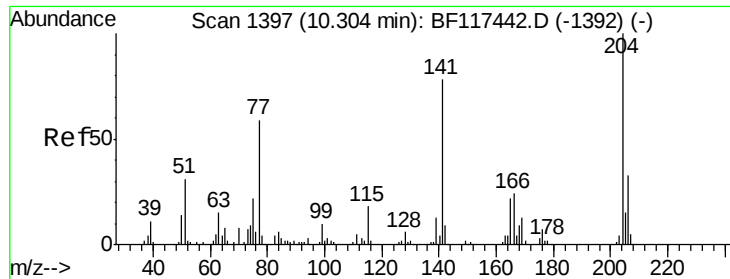
#60
Diethylphthalate
Concen: 31.331 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.0	25.4
150	12.7	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

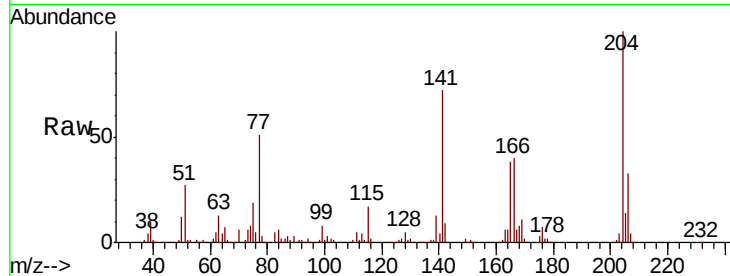




#61
4-Chlorophenyl-phenylether
Concen: 30.234 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	72.4	62.2	93.4

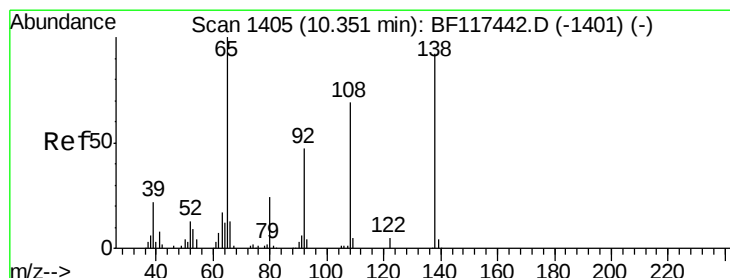
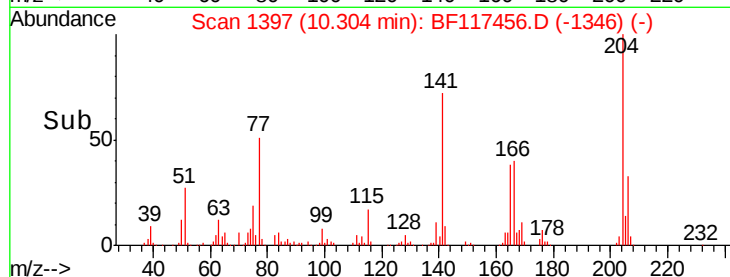
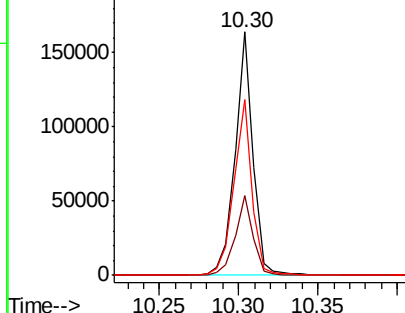


Abundance

Ion 204.00 (203.70 to 204.70): E

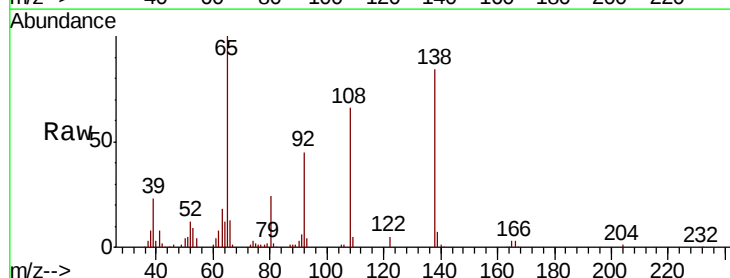
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 27.430 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	30.3	70.3
108	79.1	54.9	94.9

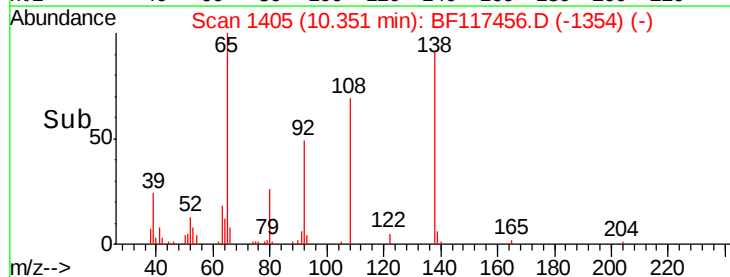
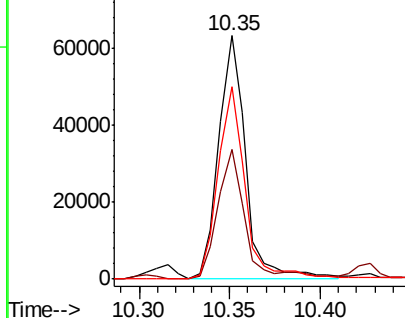


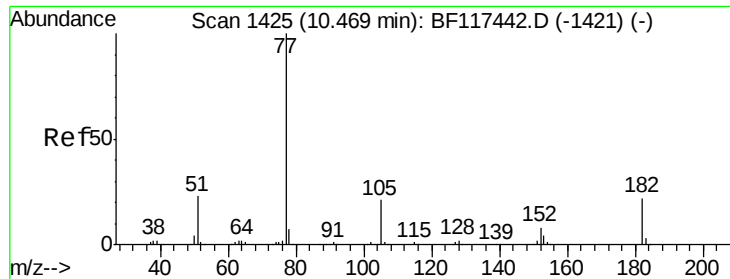
Abundance

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

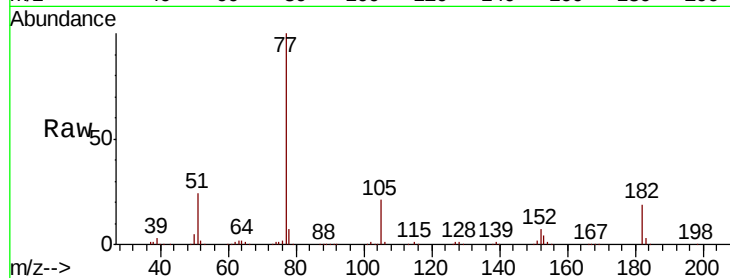




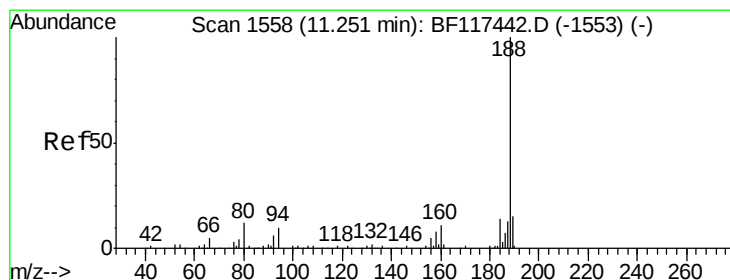
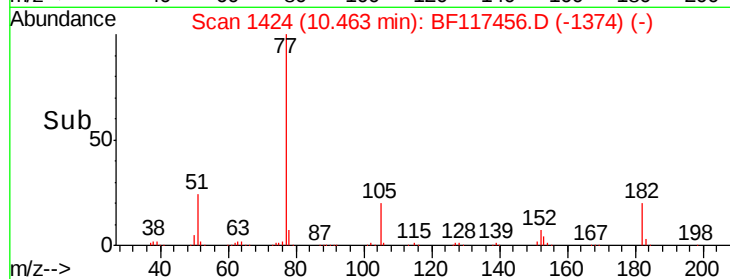
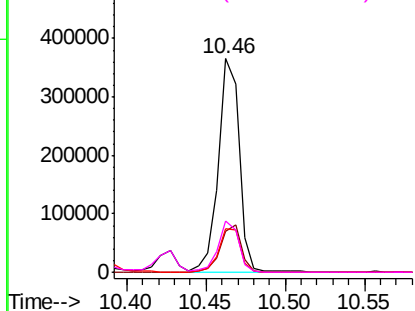
#63
Azobenzene
Concen: 31.978 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.5	2.3	42.3	
105	20.6	1.3	41.3	
51	24.1	3.5	43.5	

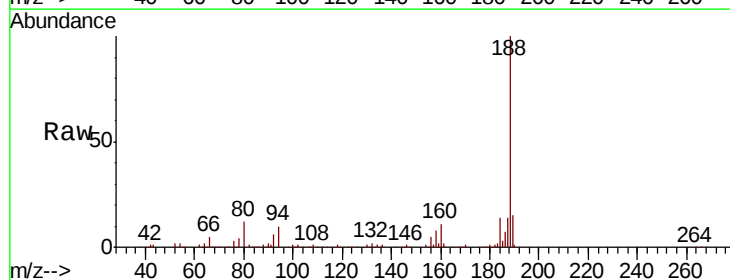


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

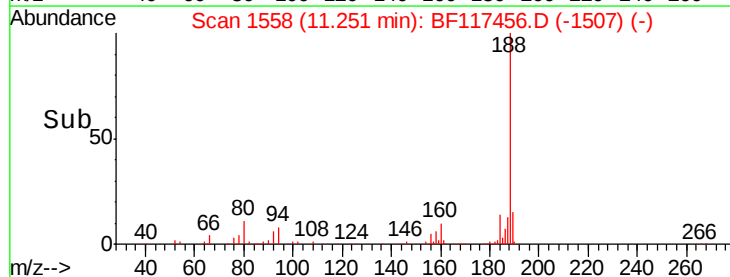
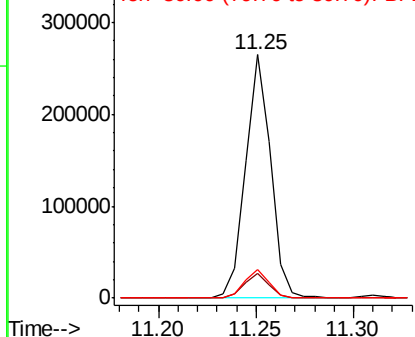


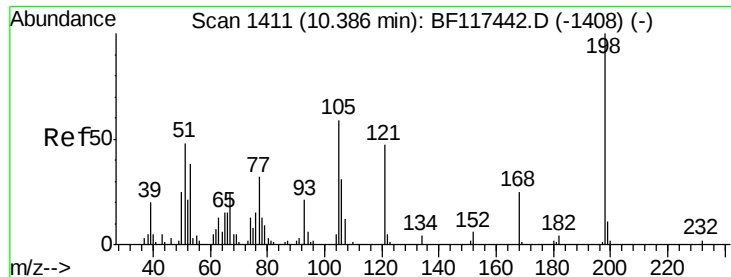
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.0	12.0	
80	11.5	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

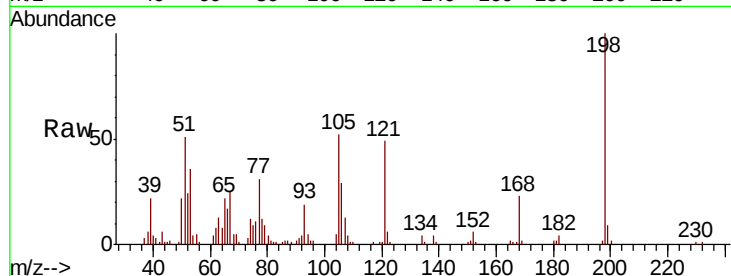




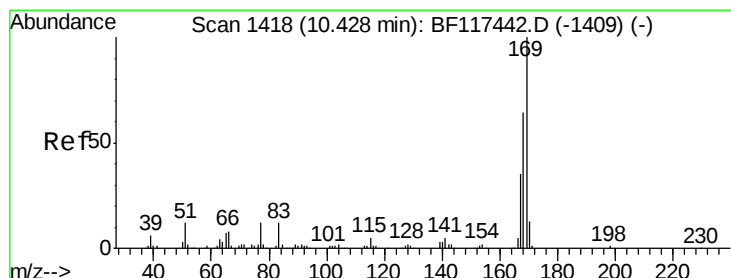
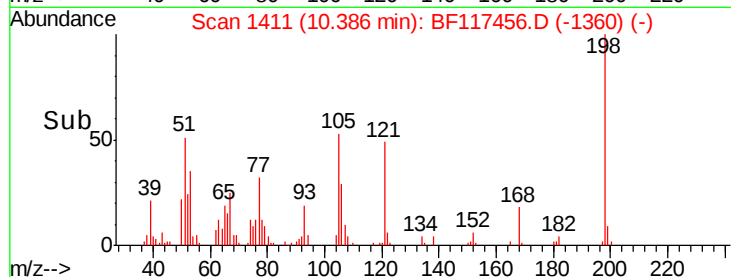
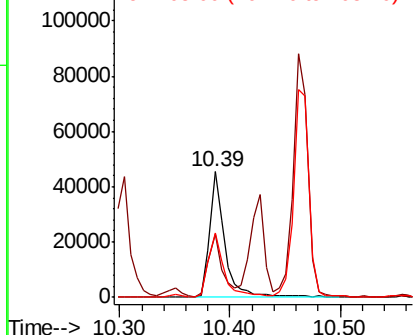
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.924 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 42045
 Ion Ratio Lower Upper
 198 100
 51 50.8 29.1 69.1
 105 51.9 39.4 79.4

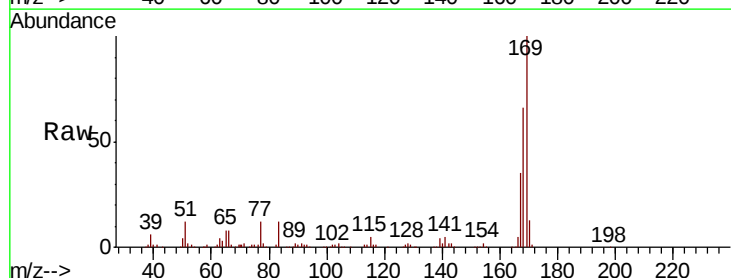


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

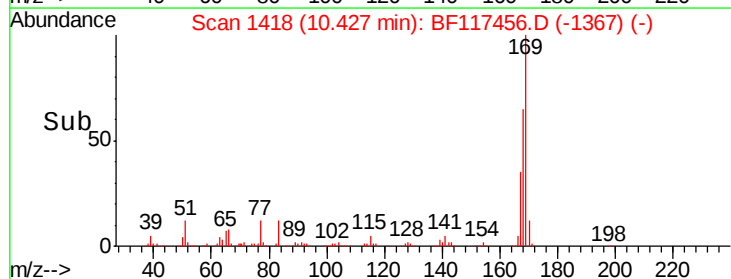
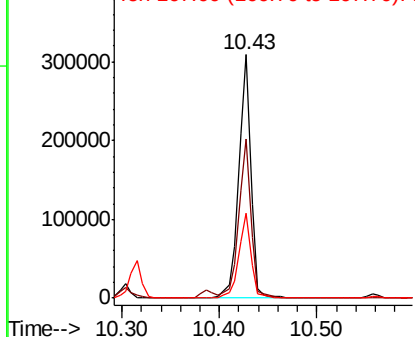


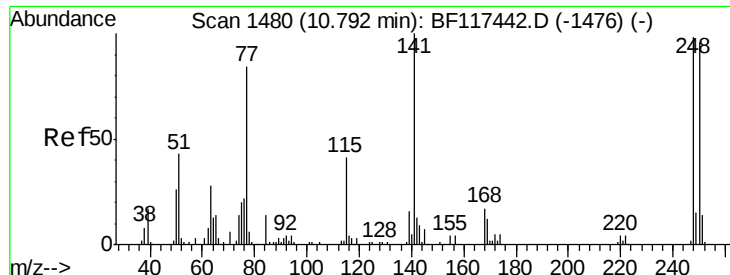
#66
 n-Nitrosodiphenylamine
 Concen: 30.905 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:169 Resp: 267532
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.3 76.9
 167 34.7 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

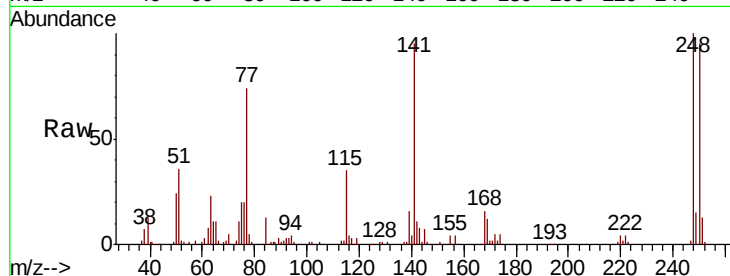




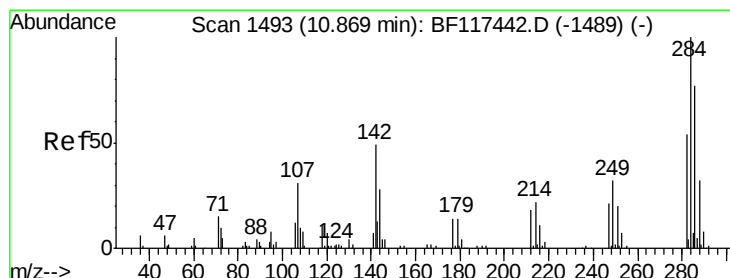
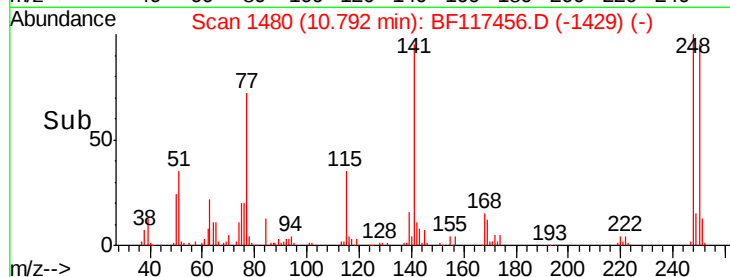
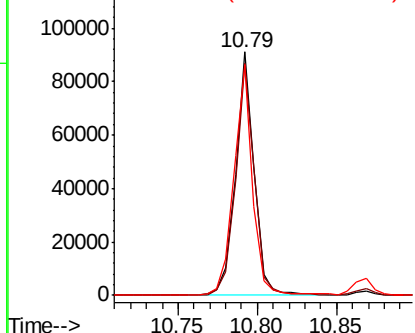
#67
 4-Bromophenyl-phenylether
 Concen: 29.212 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 74506
 Ion Ratio Lower Upper
 248 100
 250 95.1 78.0 117.0
 141 95.0 81.7 122.5

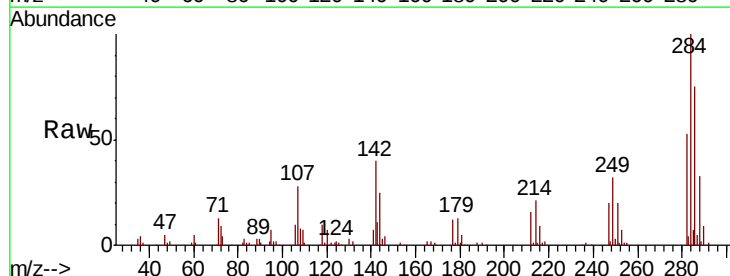


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

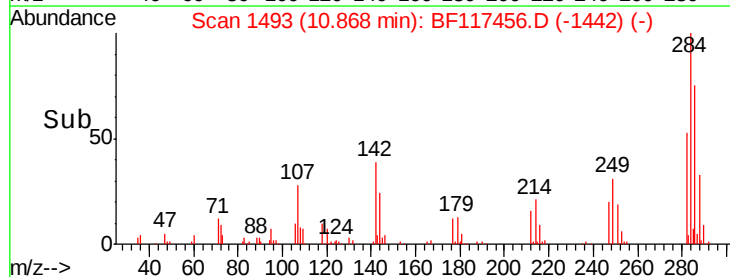
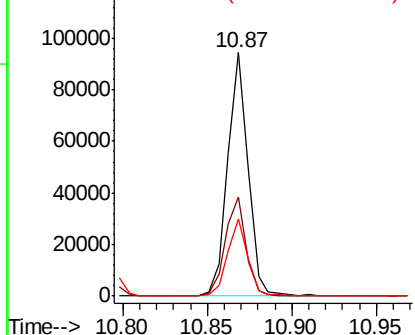


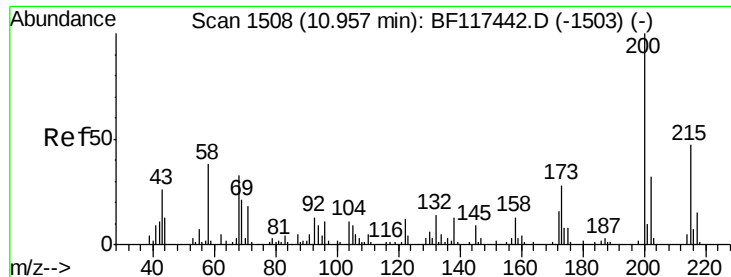
#68
 Hexachlorobenzene
 Concen: 28.903 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:284 Resp: 78947
 Ion Ratio Lower Upper
 284 100
 142 40.4 39.0 58.6
 249 31.7 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: 36.299 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

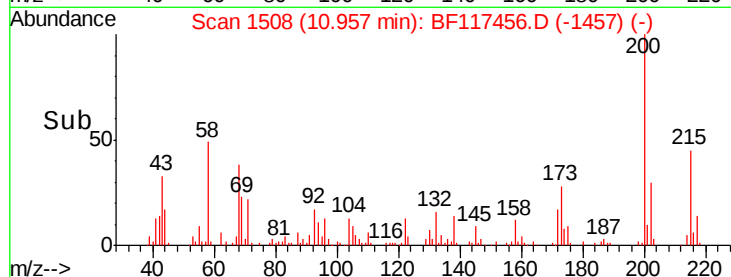
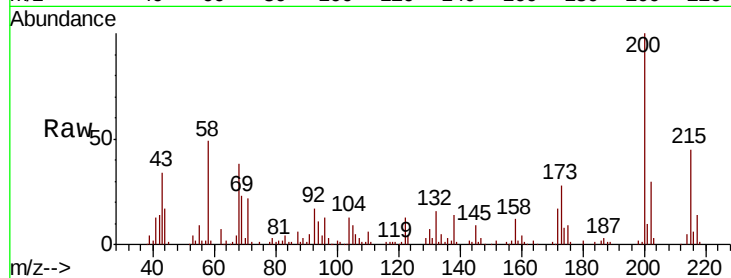
Tot Ion:200 Resp: 79946

Ion Ratio Lower Upper

200 100

173 27.9 8.2 48.2

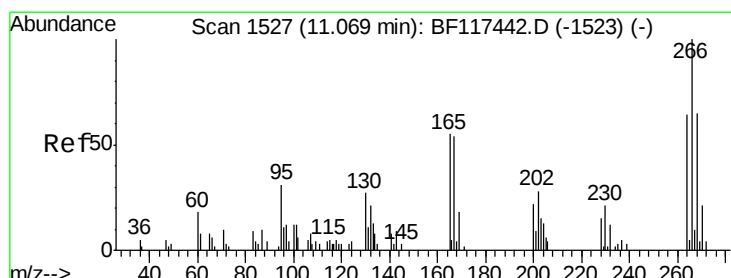
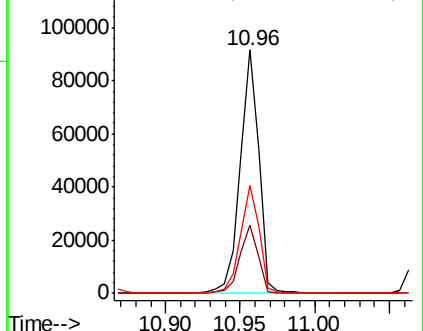
215 44.6 26.8 66.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.962 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

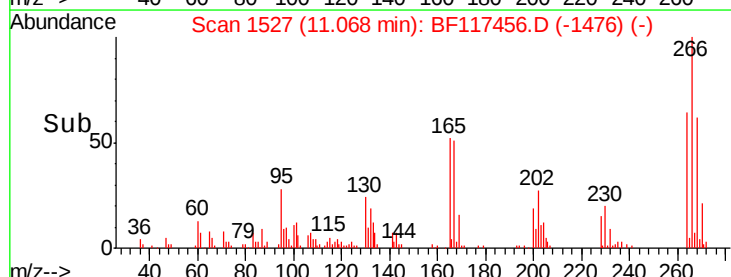
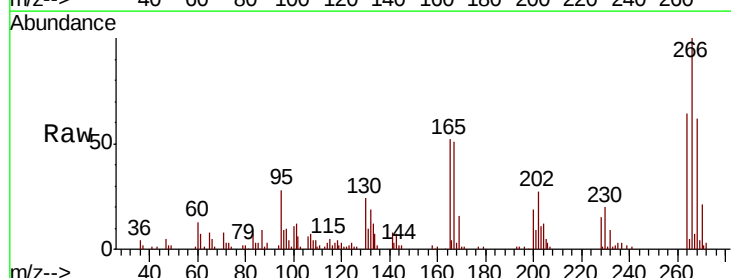
Tgt Ion:266 Resp: 72846

Ion Ratio Lower Upper

266 100

268 62.3 51.6 77.4

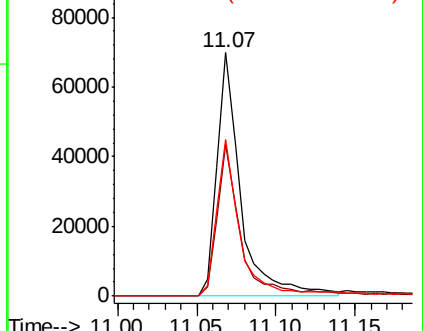
264 64.5 51.4 77.2

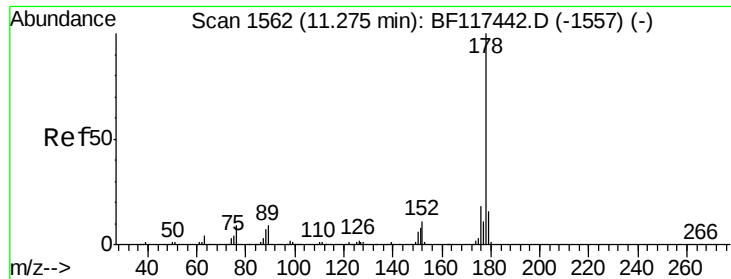


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 31.204 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

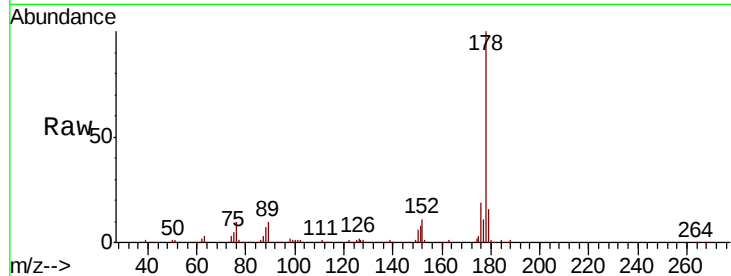
Tot Ion:178 Resp: 429038

Ion Ratio Lower Upper

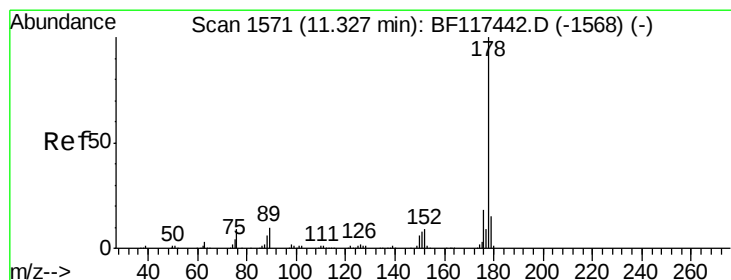
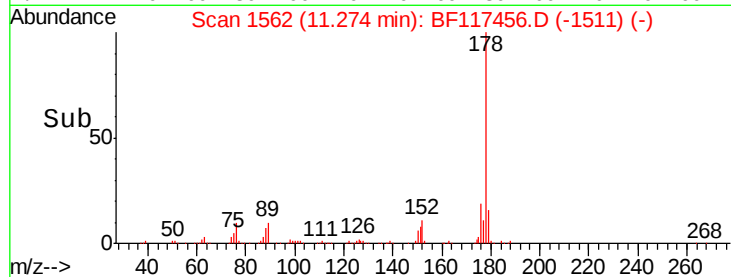
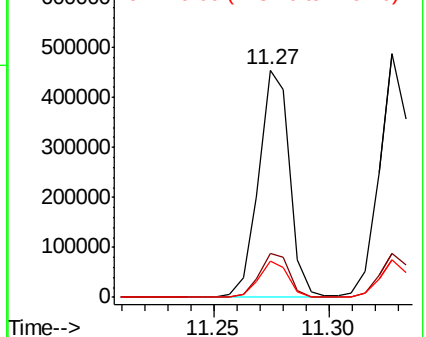
178 100

176 19.1 14.6 22.0

179 15.8 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: 32.384 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

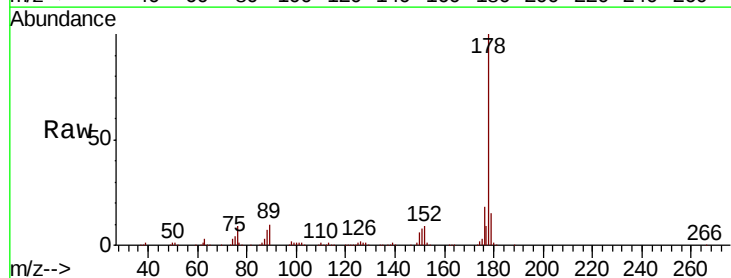
Tgt Ion:178 Resp: 456878

Ion Ratio Lower Upper

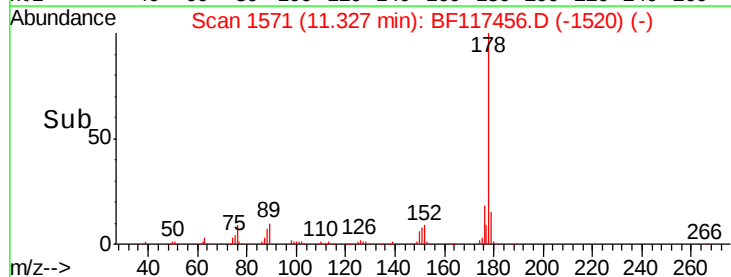
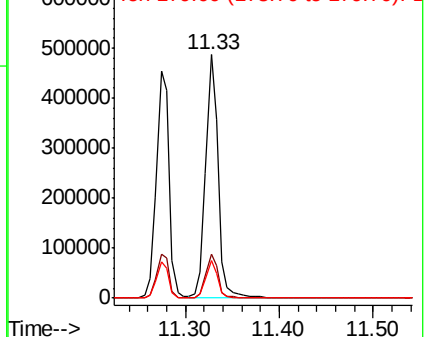
178 100

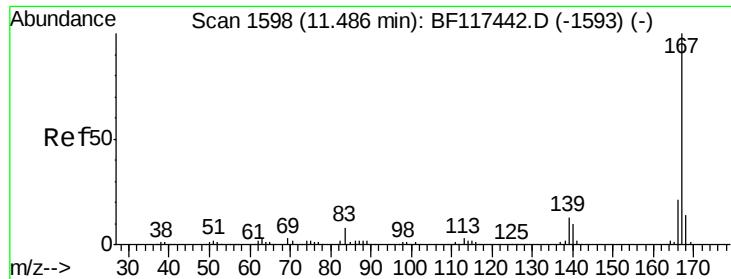
176 18.0 14.7 22.1

179 15.5 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

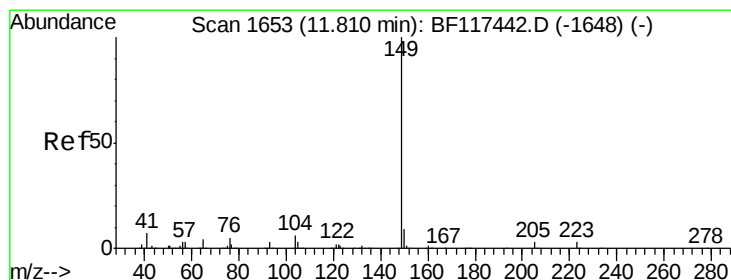
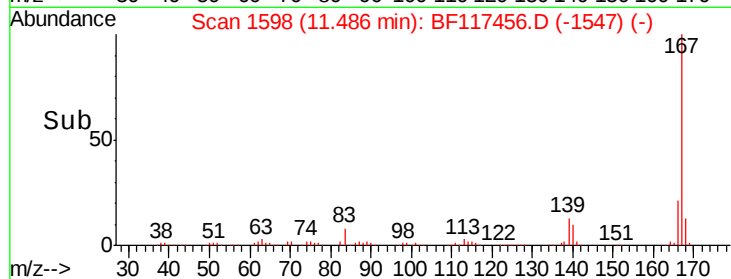
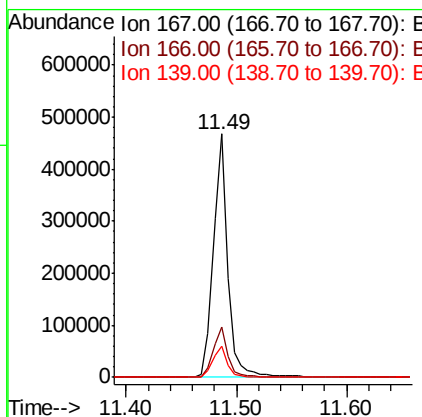
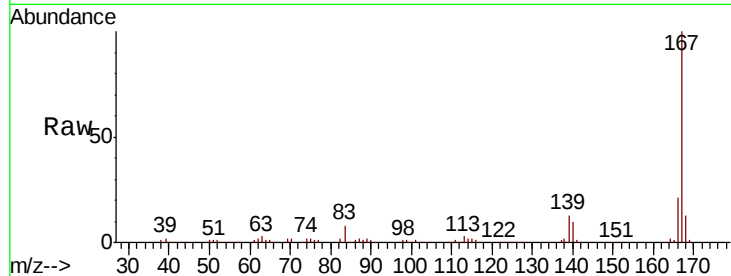




#73
 Carbazole
 Concen: 32.398 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

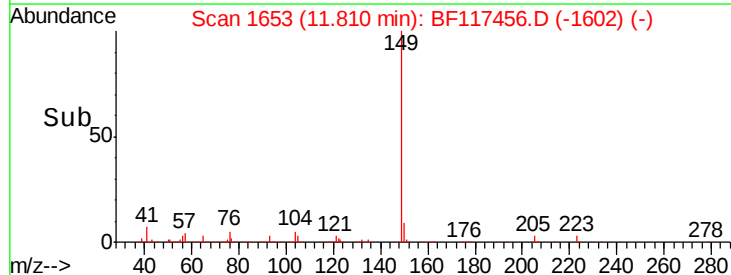
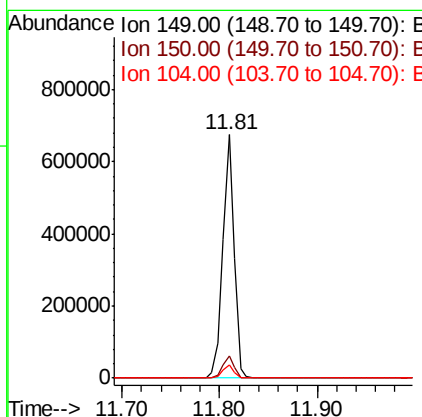
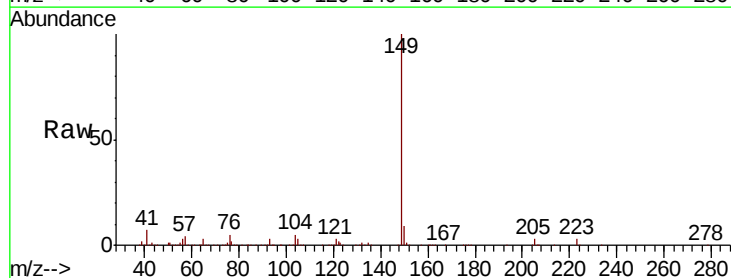
Instrument :
 BNA_F
 ClientSampleId :

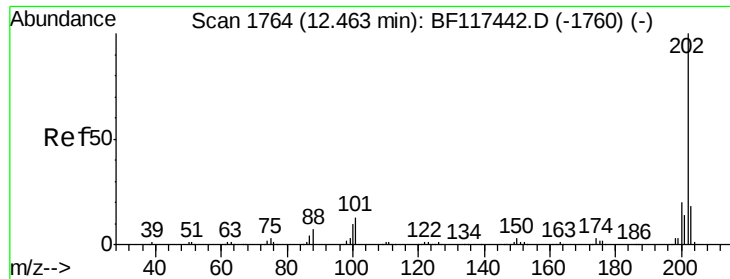
Tot Ion:167 Resp: 417709
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.6
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 31.663 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:149 Resp: 545457
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.4 4.6 6.8

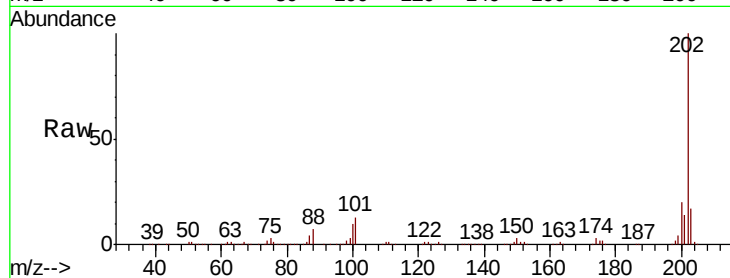




#75
 Fluoranthene
 Concen: 32.913 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.7
203	17.3	0.0	37.6

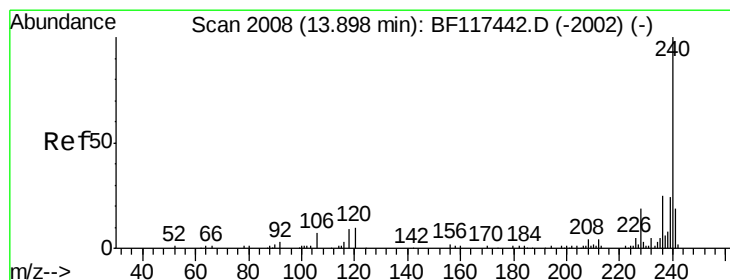
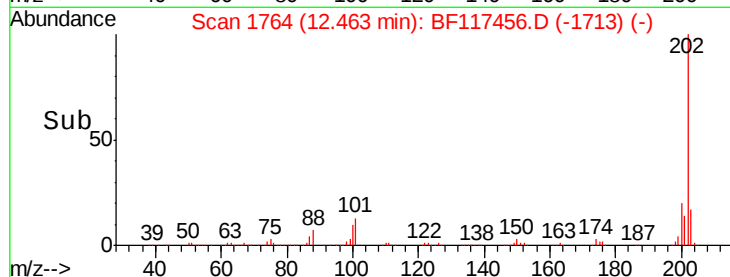
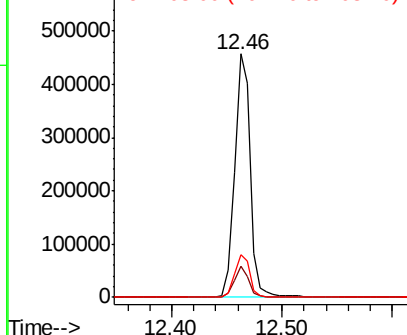


Abundance

Ion 202.00 (201.70 to 202.70): E

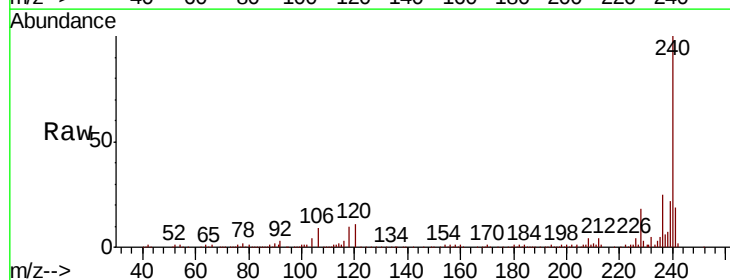
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	24.8	20.0	30.0

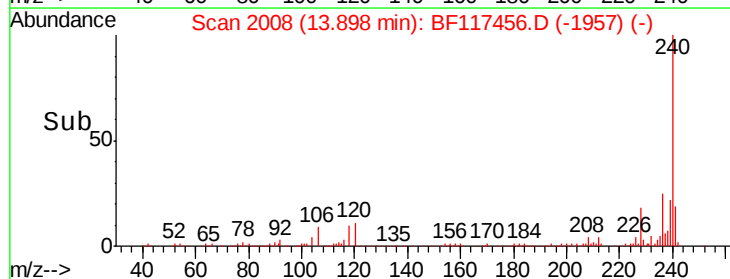
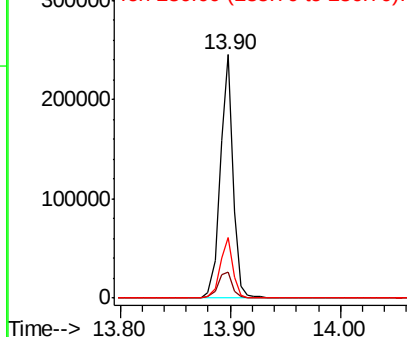


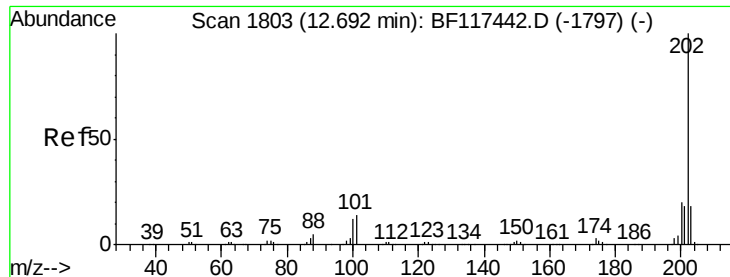
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

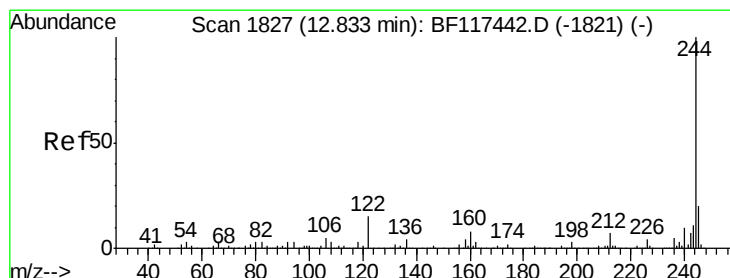
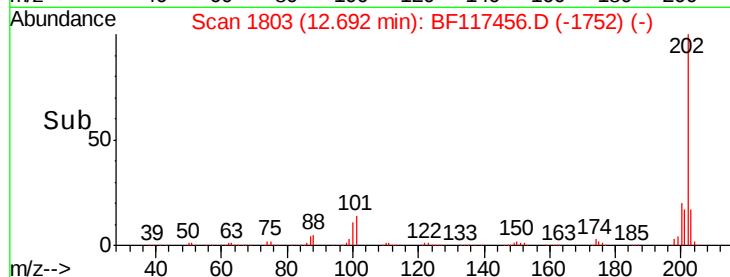
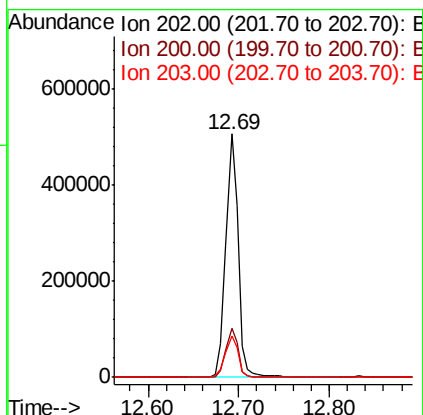
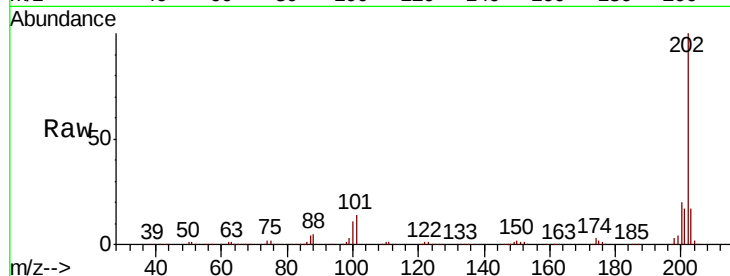




#78
Pvrene
Concen: 27.840 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

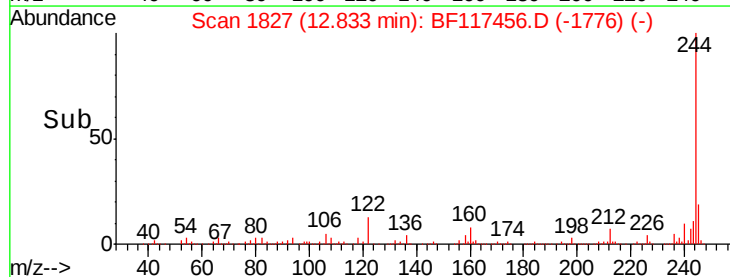
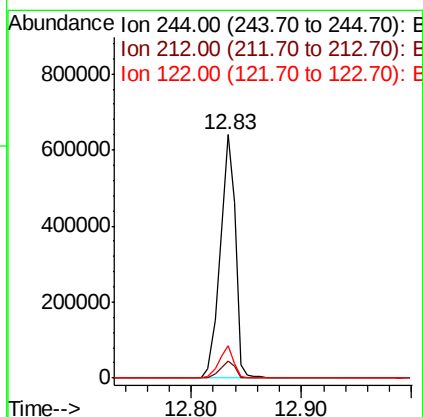
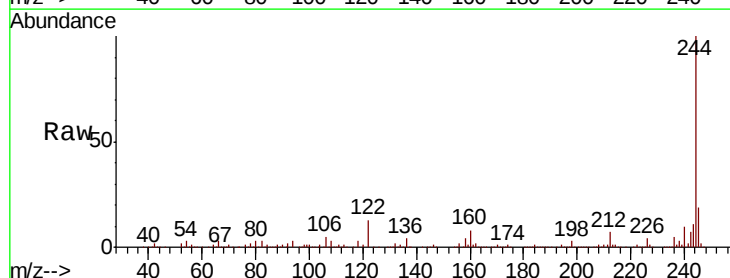
Instrument :
BNA_F
ClientSampleId :

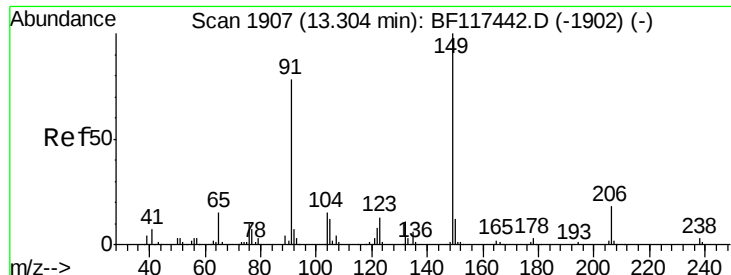
Tot Ion:202 Resp: 471554
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.2 14.0 21.0



#79
Terphenyl-d14
Concen: 50.812 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:244 Resp: 614288
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 13.4 11.8 17.8

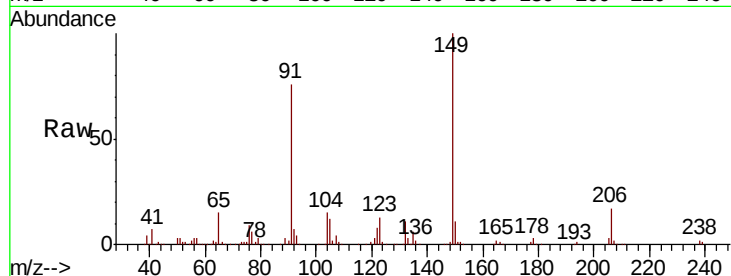




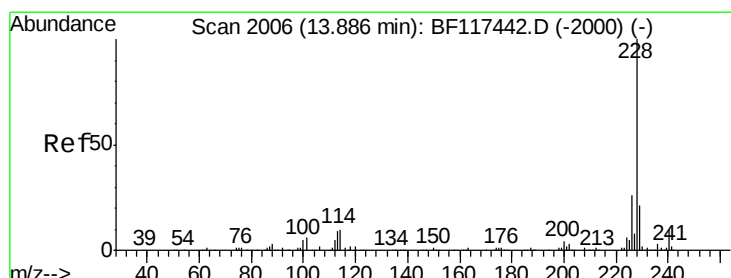
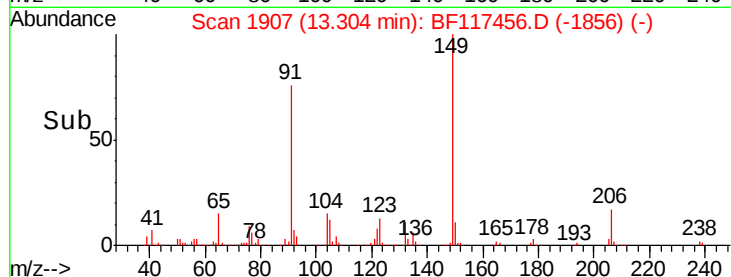
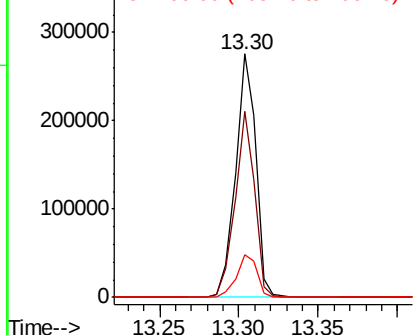
#80
Butylbenzylphthalate
Concen: 29.041 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 244776
Ion Ratio Lower Upper
149 100
91 76.5 62.1 93.1
206 17.4 14.3 21.5

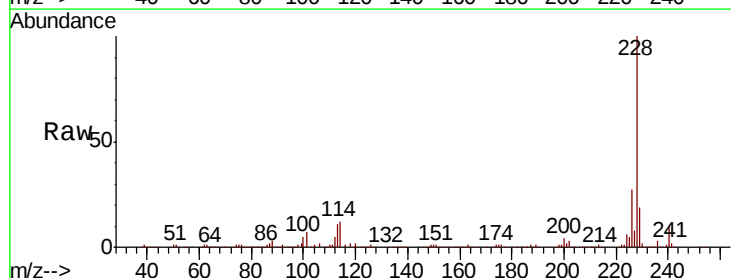


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

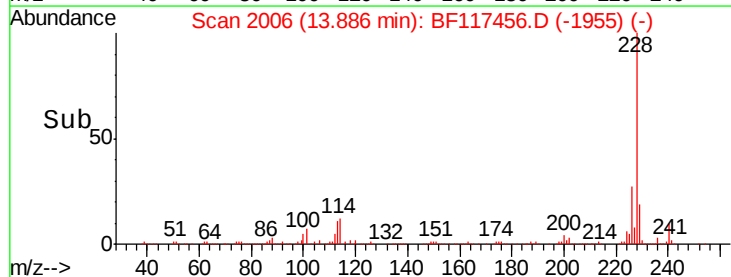
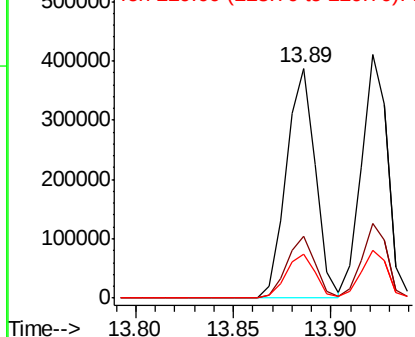


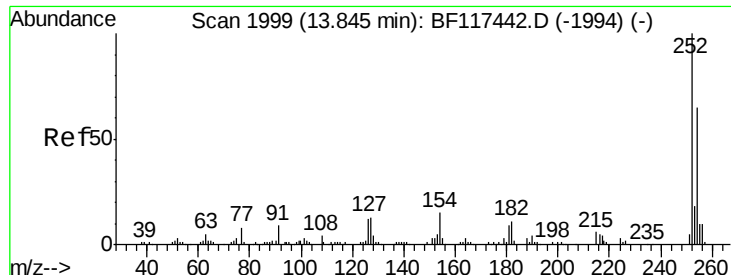
#81
Benzo(a)anthracene
Concen: 29.935 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:228 Resp: 398180
Ion Ratio Lower Upper
228 100
226 27.0 21.0 31.4
229 19.2 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

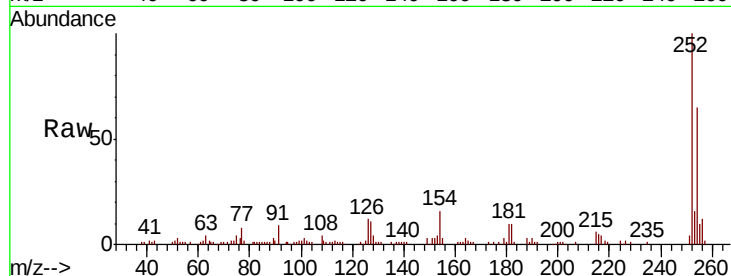




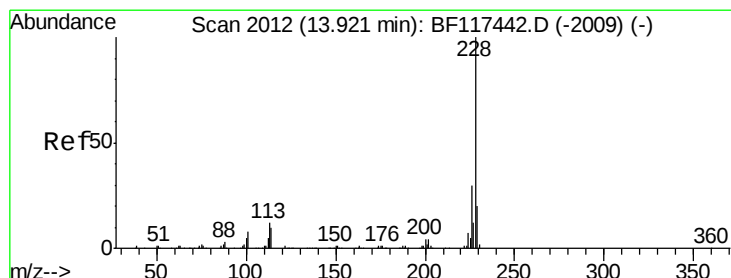
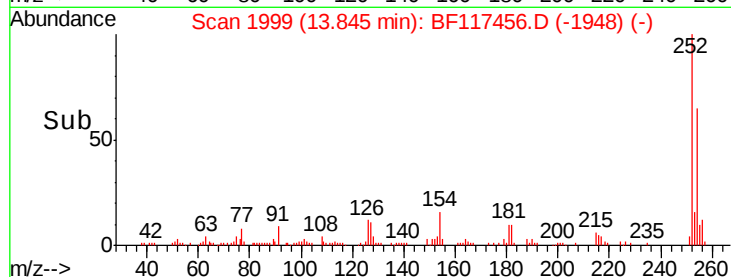
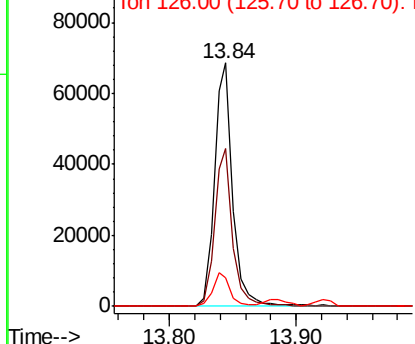
#82
 3,3'-Dichlorobenzidine
 Concen: 16.620 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 69369
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.2 78.4
 126 11.8 9.2 13.8

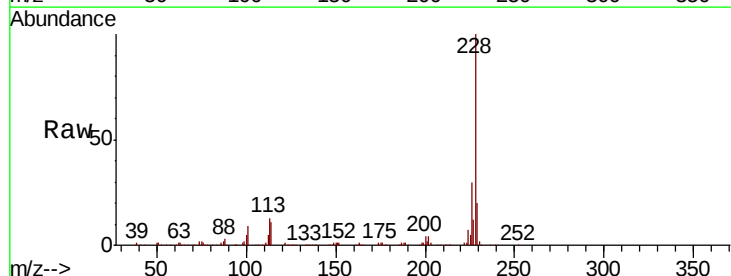


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

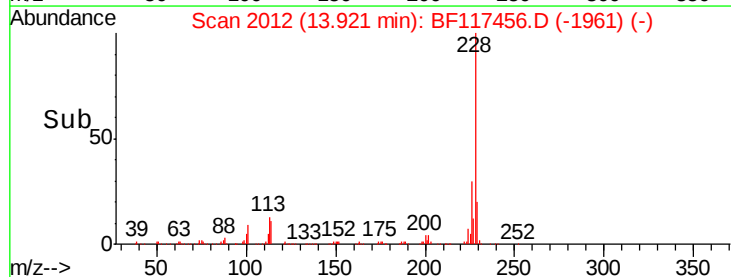
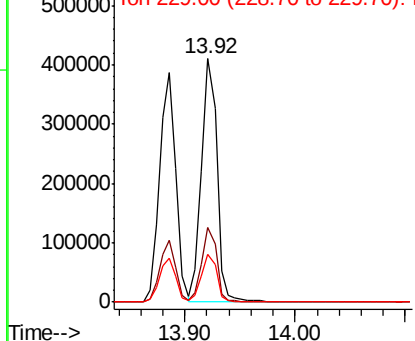


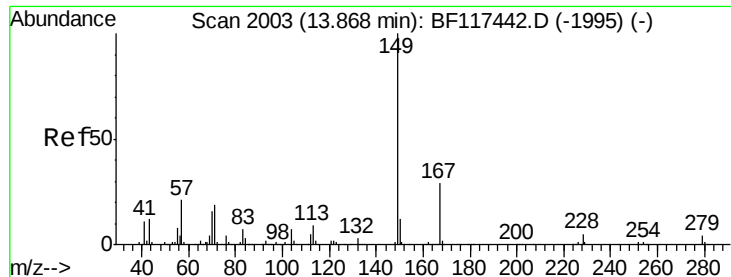
#83
 Chrysene
 Concen: 29.740 ng
 RT: 13.92 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:228 Resp: 387701
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 19.8 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: 29.915 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

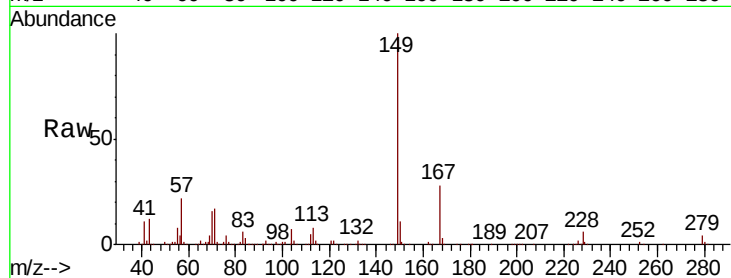
Tot Ion:149 Resp: 353199

Ion Ratio Lower Upper

149 100

167 27.9 23.3 34.9

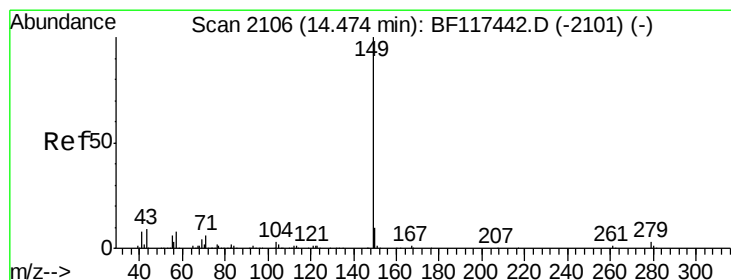
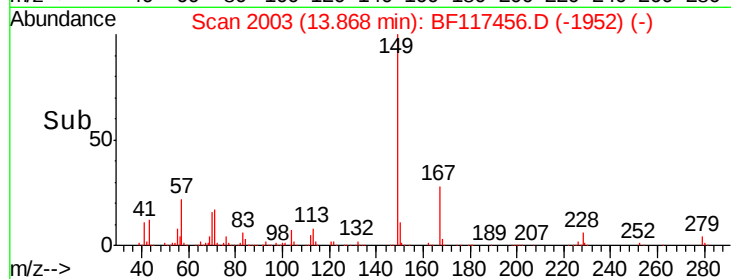
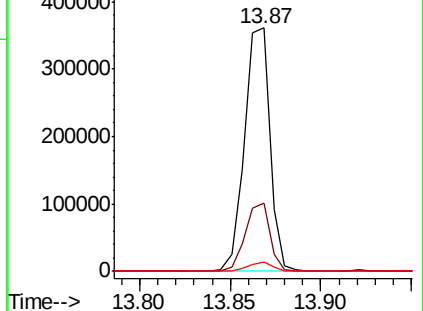
279 3.9 3.2 4.8



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: 33.429 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

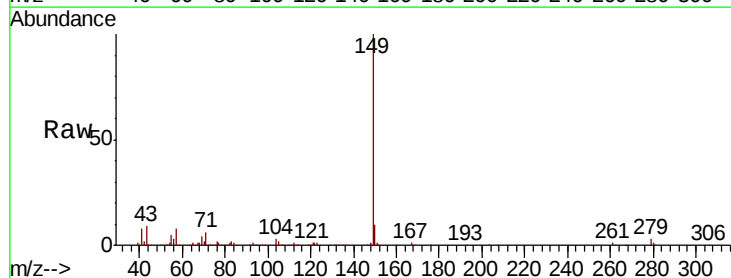
Tgt Ion:149 Resp: 606838

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

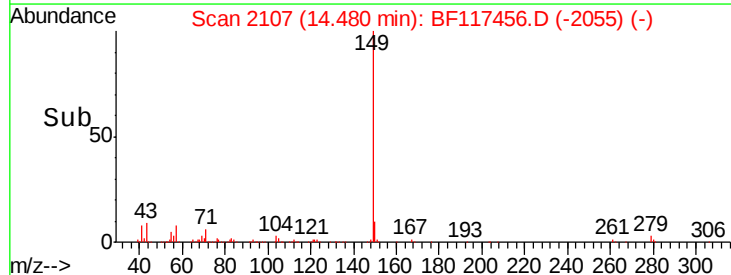
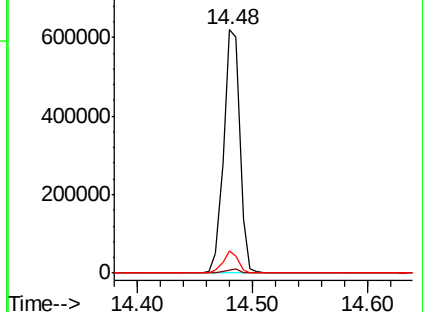
43 8.3 6.8 10.2

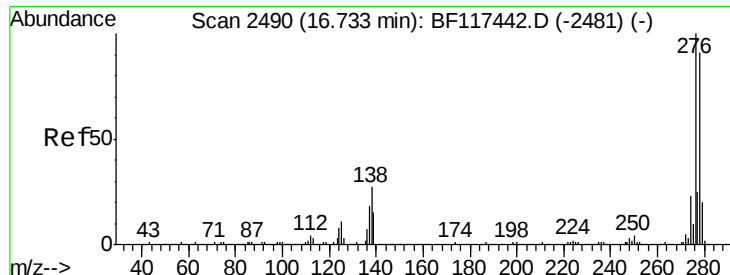


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

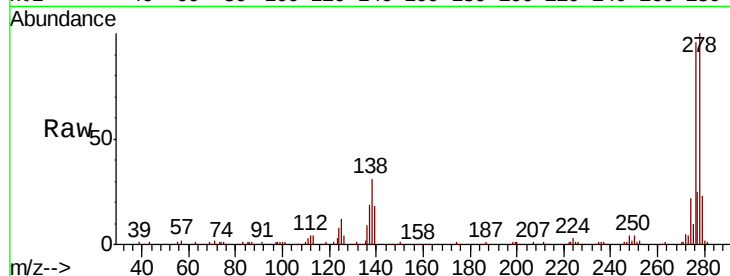




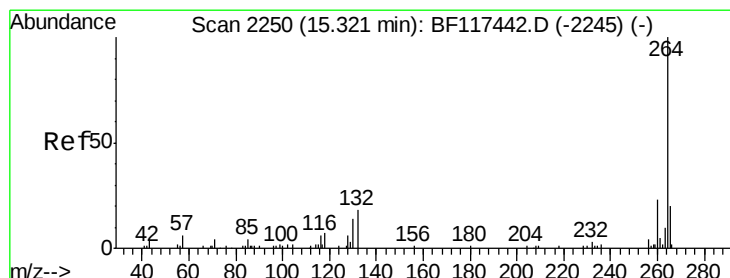
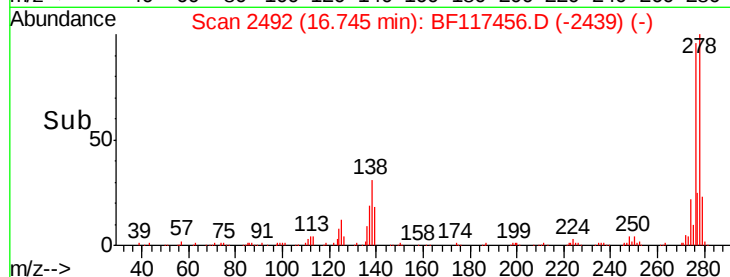
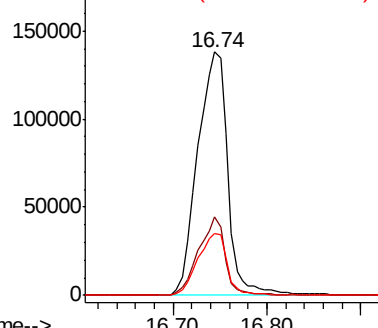
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.617 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 307728
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.8
277 24.8 20.0 30.0

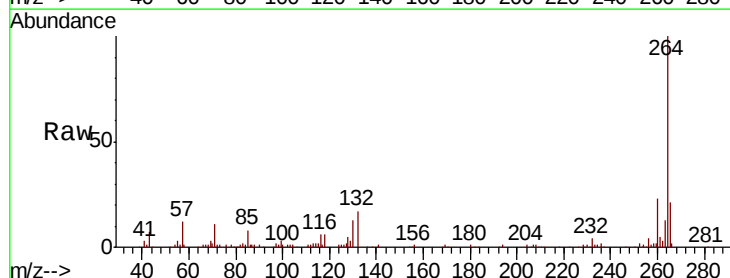


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

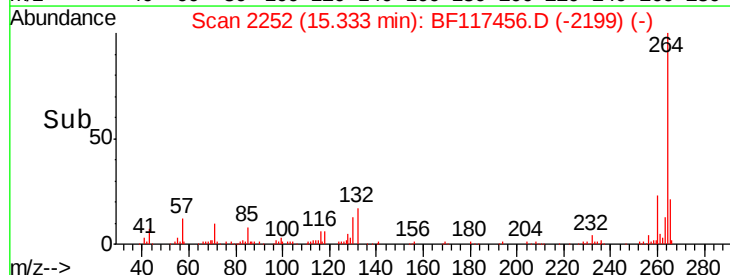
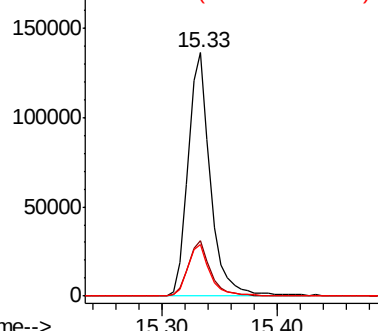


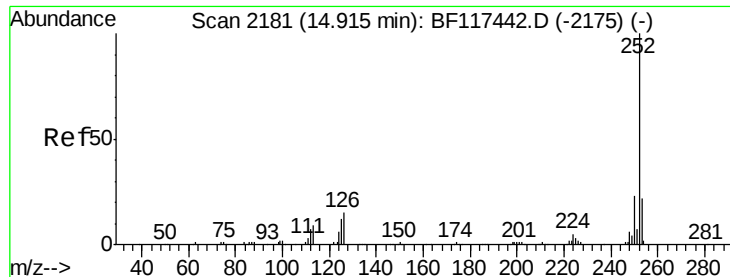
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:264 Resp: 182554
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 21.4 16.1 24.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 32.267 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

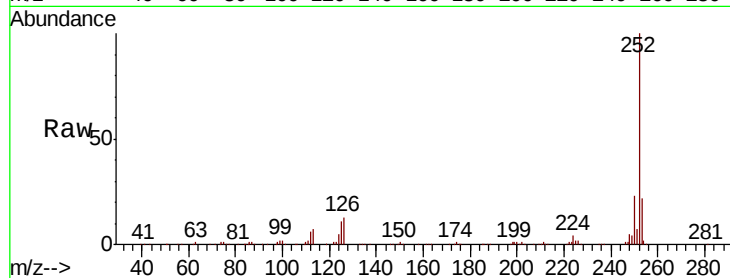
Tot Ion:252 Resp: 347842

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

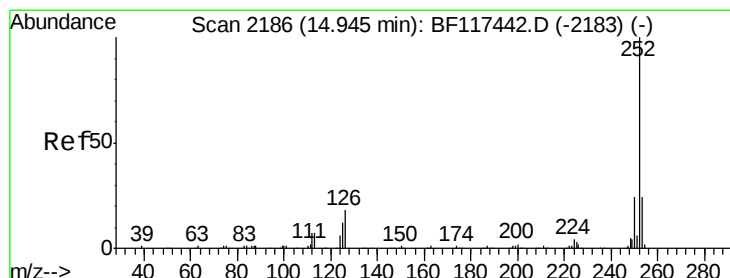
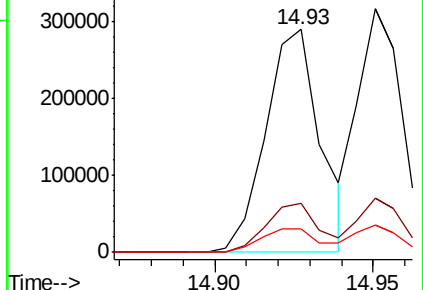
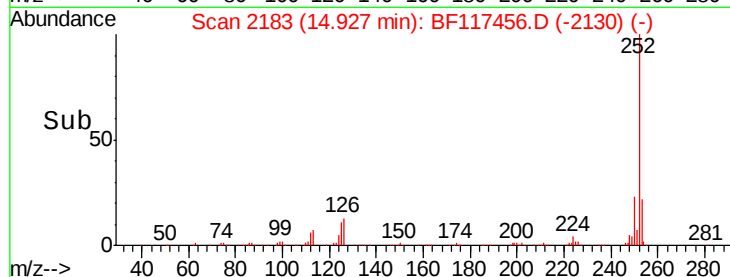
125 10.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 29.846 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

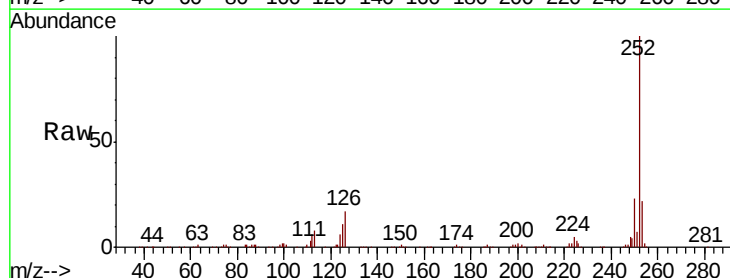
Tgt Ion:252 Resp: 329763

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

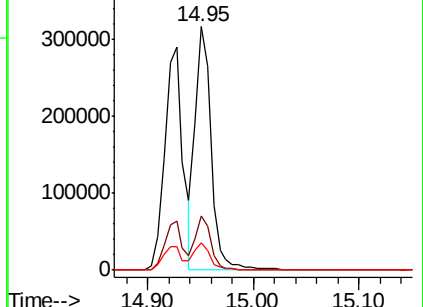
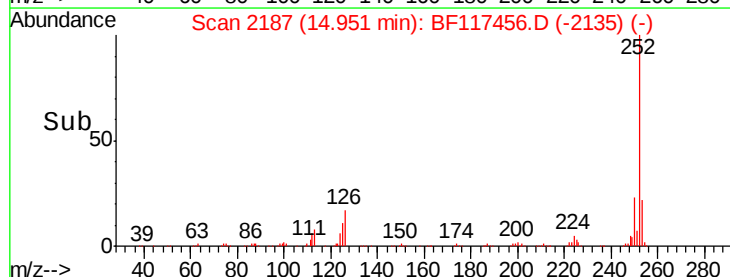
125 11.3 8.9 13.3

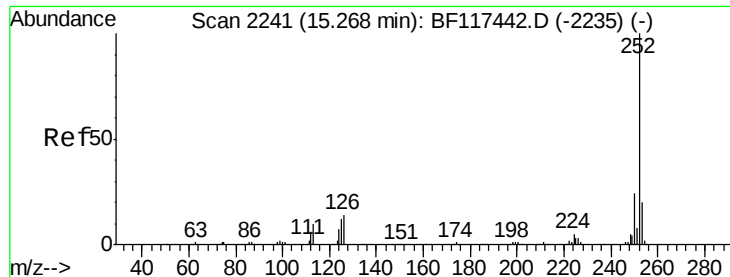


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 30.332 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

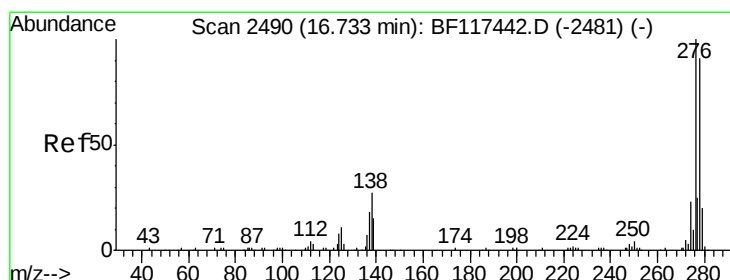
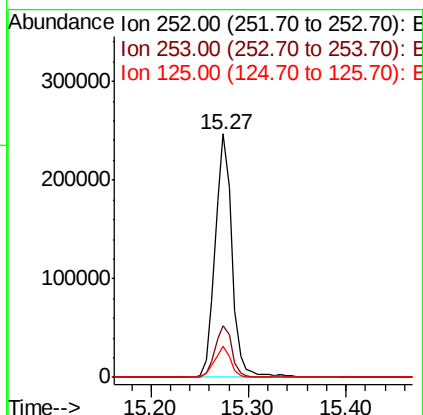
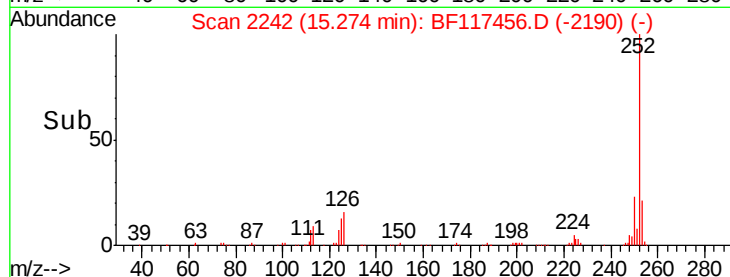
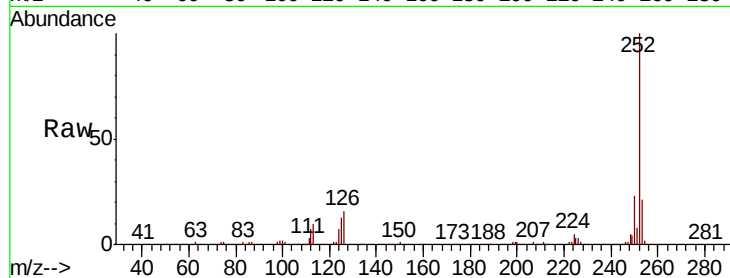
Tot Ion:252 Resp: 297290

Ion Ratio Lower Upper

252 100

253 21.3 16.3 24.5

125 13.0 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 31.248 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

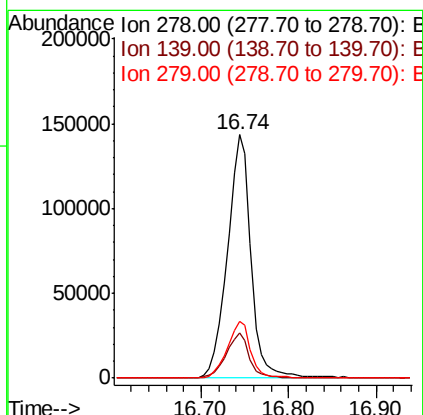
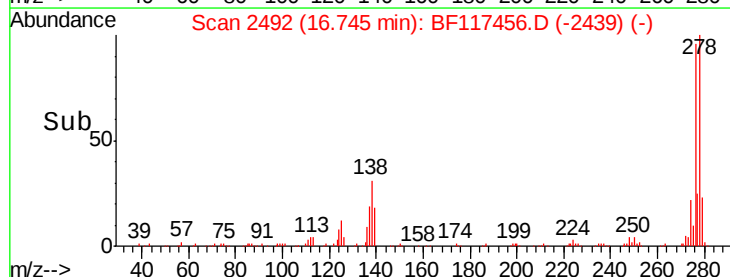
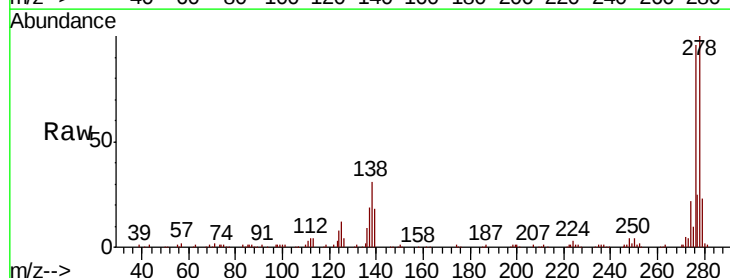
Tgt Ion:278 Resp: 264823

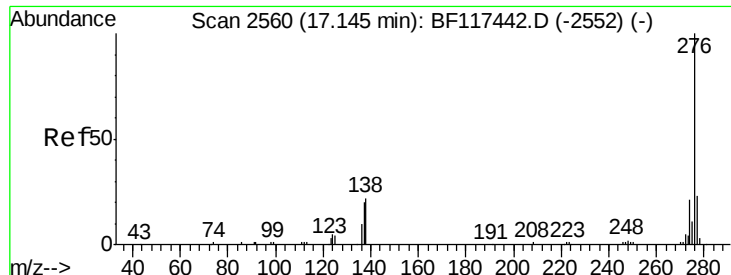
Ion Ratio Lower Upper

278 100

139 18.5 13.4 20.0

279 23.2 17.8 26.6





#92

Benzo(a,h,i)perylene

Concen: 31.875 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

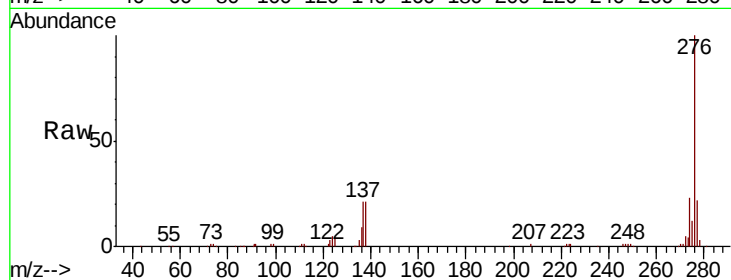
Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :



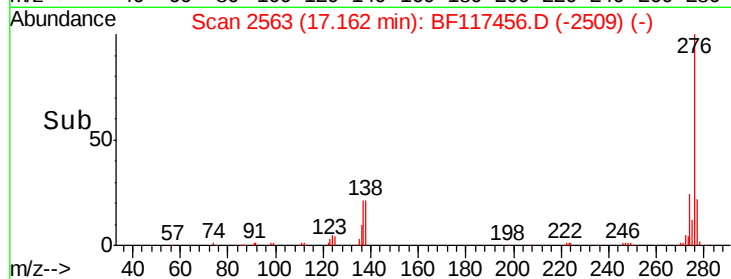
Tot Ion: 276 Resp: 255601

Ion Ratio Lower Upper

276 100

277 22.1 18.4 27.6

138 21.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

100000

17.16

50000

0

Time--> 17.00 17.20 17.40