

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117197.D
 Acq On : 20 Sep 2019 20:30
 Operator : HP/JU
 Sample : PB123244BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:02:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42856	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	175087	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	93606	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	147463	20.00	ng	0.01
76) Chrysene-d12	13.99	240	94185	20.00	ng	0.01
87) Perylene-d12	15.43	264	75139	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	238476	86.88	ng	0.02
7) Phenol-d6	6.47	99	325196	91.67	ng	0.01
23) Nitrobenzene-d5	7.39	82	301449	90.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	78988	100.96	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	586990	98.05	ng	0.00
79) Terphenyl-d14	12.93	244	558753	110.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	43857	38.182	ng	96
3) Pyridine	3.43	79	78289	24.902	ng	95
4) n-Nitrosodimethylamine	3.38	42	46374	42.982	ng	# 74
6) Aniline	6.49	93	139169	30.470	ng	# 89
8) 2-Chlorophenol	6.61	128	127550	43.072	ng	97
9) Benzaldehyde	6.37	77	93762	56.880	ng	92
10) Phenol	6.48	94	165520	42.324	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	118334	41.170	ng	97
12) 1,3-Dichlorobenzene	6.76	146	127635	38.410	ng	99
13) 1,4-Dichlorobenzene	6.83	146	133495	39.366	ng	98
14) 1,2-Dichlorobenzene	6.99	146	126093	39.937	ng	97
15) Benzyl Alcohol	6.97	79	123751	45.490	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	110347	38.858	ng	# 61
17) 2-Methylphenol	7.08	107	107017	43.120	ng	# 88
18) Hexachloroethane	7.33	117	53919	41.331	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	99250	45.945	ng	92
20) 3+4-Methylphenols	7.23	107	144873	46.863	ng	# 86
22) Acetophenone	7.23	105	196294	44.127	ng	94
24) Nitrobenzene	7.40	77	145781	44.300	ng	98
25) Isophorone	7.65	82	268195	45.456	ng	98
26) 2-Nitrophenol	7.72	139	66419	46.989	ng	92
27) 2,4-Dimethylphenol	7.76	122	113554	50.659	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	155189	42.692	ng	98
29) 2,4-Dichlorophenol	7.97	162	107078	45.590	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	106851	42.109	ng	99
31) Naphthalene	8.13	128	370887	44.045	ng	99
32) Benzoic acid	7.93	122	61171	37.771	ng	89
33) 4-Chloroaniline	8.17	127	60618	16.231	ng	97
34) Hexachlorobutadiene	8.24	225	64114	44.535	ng	94
35) Caprolactam	8.56	113	17527	22.047	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	128130	46.786	ng	98
37) 2-Methylnaphthalene	8.82	142	264693	46.680	ng	97
38) 1-Methylnaphthalene	8.92	142	243075	45.770	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	107238	44.365	ng	98

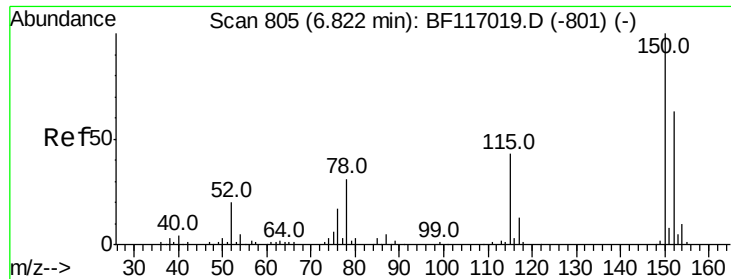
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117197.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	112050	102.433	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	72754	44.353	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	77834	44.411	nq	96
46) 1,1'-Biphenyl	9.28	154	321042	43.724	nq	98
47) 2-Chloronaphthalene	9.30	162	249041	42.977	nq	98
48) 2-Nitroaniline	9.40	65	75847	40.807	nq	92
49) Acenaphthylene	9.72	152	383644	44.194	nq	100
50) Dimethylphthalate	9.58	163	296940	44.802	nq	99
51) 2,6-Dinitrotoluene	9.65	165	63627	47.136	nq #	76
52) Acenaphthene	9.89	154	223407	43.415	nq	99
53) 3-Nitroaniline	9.82	138	32706	19.204	nq	97
54) 2,4-Dinitrophenol	9.93	184	45284	77.957	nq	96
55) Dibenzofuran	10.06	168	346650	45.658	nq	97
56) 4-Nitrophenol	10.00	139	76007	68.859	nq	88
57) 2,4-Dinitrotoluene	10.06	165	82053	46.829	nq #	81
58) Fluorene	10.41	166	282388	46.173	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60656	45.227	nq #	95
60) Diethylphthalate	10.28	149	309406	47.451	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	127929	48.345	nq	97
62) 4-Nitroaniline	10.44	138	63654	35.939	nq #	82
63) Azobenzene	10.56	77	311579	46.786	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	33663	49.799	nq	80
66) n-Nitrosodiphenylamine	10.52	169	248345	48.764	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	73565	48.850	nq	95
68) Hexachlorobenzene	10.96	284	75607	45.902	nq	92
69) Atrazine	11.05	200	68726	58.990	nq	99
70) Pentachlorophenol	11.16	266	69987	90.645	nq	99
71) Phenanthrene	11.37	178	380880	45.474	nq	100
72) Anthracene	11.42	178	391402	45.772	nq	97
73) Carbazole	11.57	167	339964	41.884	nq	99
74) Di-n-butylphthalate	11.90	149	497367	51.503	nq	98
75) Fluoranthene	12.56	202	371882	43.211	nq	97
77) Benzidine	12.67	184	184086	60.676	nq	98
78) Pyrene	12.79	202	366257	46.345	nq	100
80) Butylbenzylphthalate	13.39	149	190030	50.889	nq	96
81) Benzo(a)anthracene	13.97	228	277690	44.129	nq	96
82) 3,3'-Dichlorobenzidine	13.93	252	49460	24.391	nq	97
83) Chrysene	14.01	228	264831	43.151	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	278180	57.777	nq	99
85) Di-n-octyl phthalate	14.56	149	430663	56.830	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	187411	41.856	nq	97
88) Benzo(b)fluoranthene	15.02	252	207968	45.693	nq	98
89) Benzo(k)fluoranthene	15.04	252	211520	49.060	nq	99
90) Benzo(a)pyrene	15.37	252	187173	46.864	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	160641	50.489	nq	95
92) Benzo(g,h,i)perylene	17.32	276	146511	46.210	nq	96

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

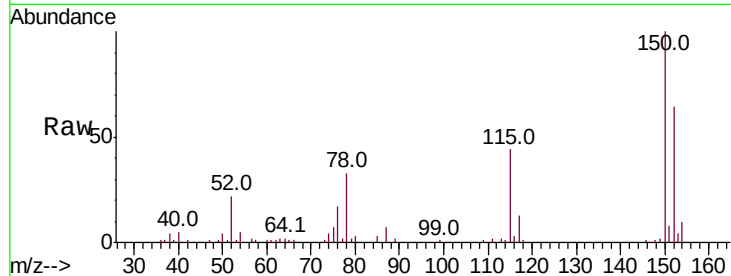


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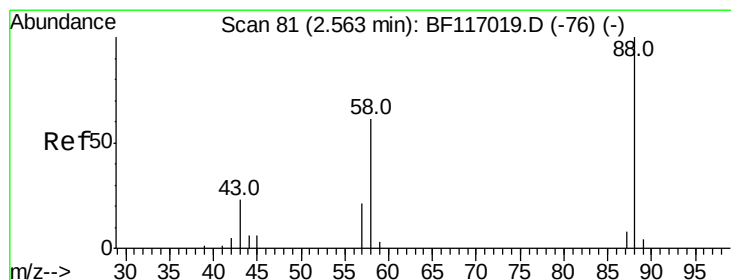
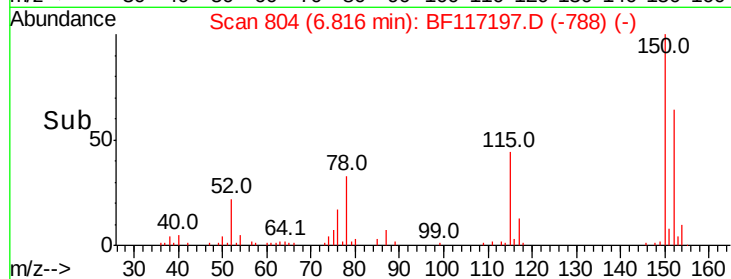
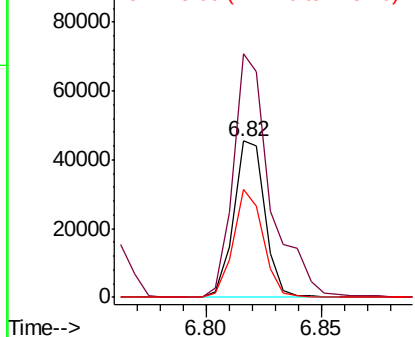
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42856
Ion Ratio Lower Upper
152 100
150 155.6 127.5 191.3
115 69.0 55.0 82.4



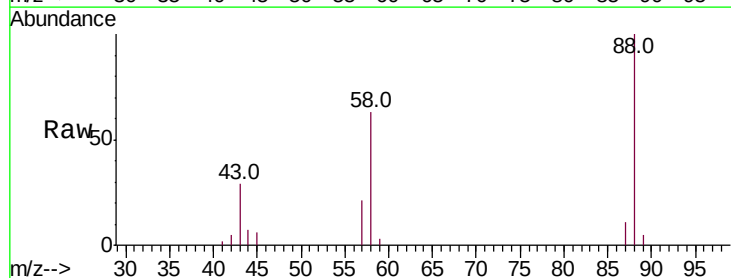
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



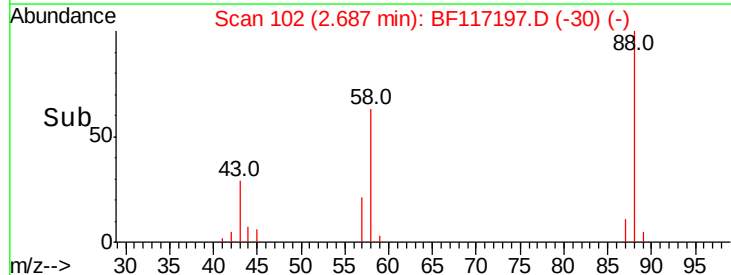
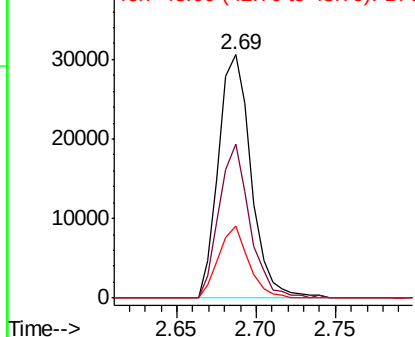
#2

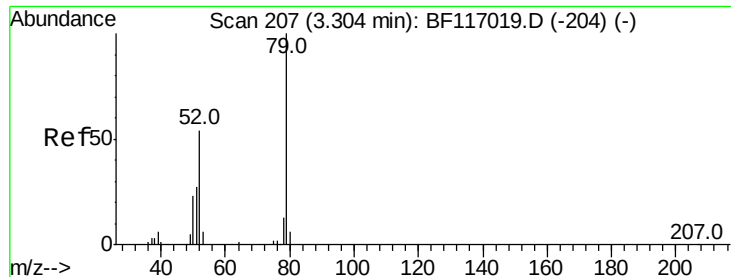
1,4-Dioxane
Concen: 38.182 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion: 88 Resp: 43857
Ion Ratio Lower Upper
88 100
58 59.5 49.3 73.9
43 27.1 18.8 28.2



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: 24.902 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.12 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

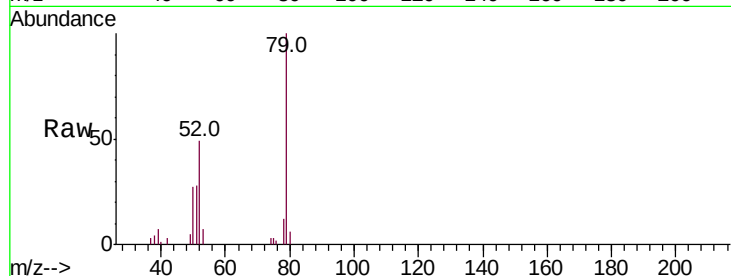
Tot Ion: 79 Resp: 78289

Ion Ratio Lower Upper

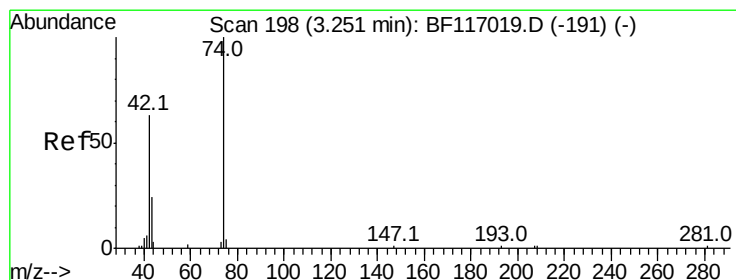
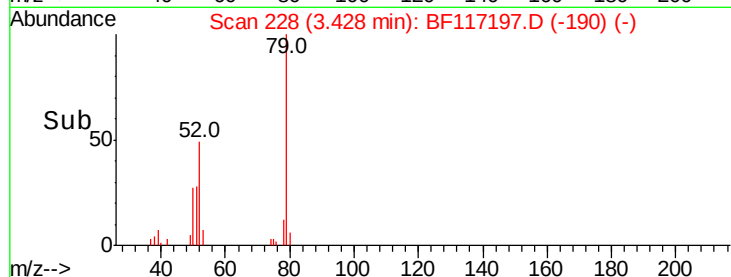
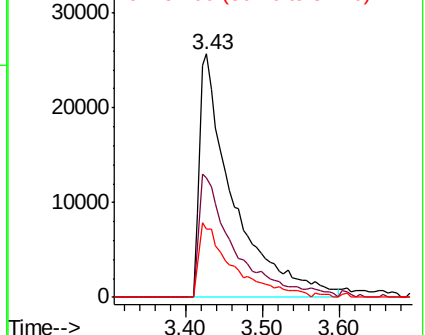
79 100

52 49.3 43.5 65.3

51 27.9 21.8 32.6



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: 42.982 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.13 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

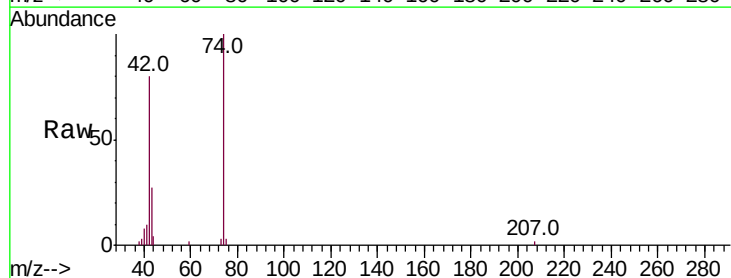
Tgt Ion: 42 Resp: 46374

Ion Ratio Lower Upper

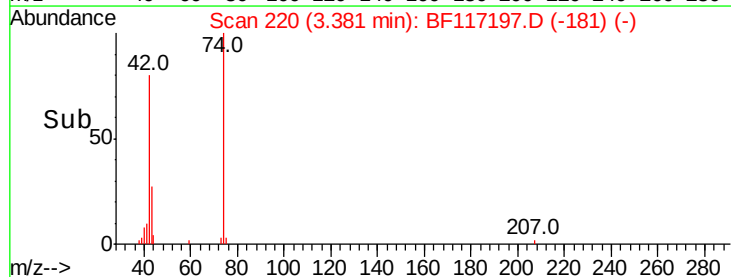
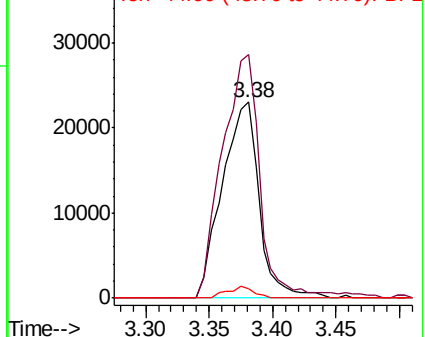
42 100

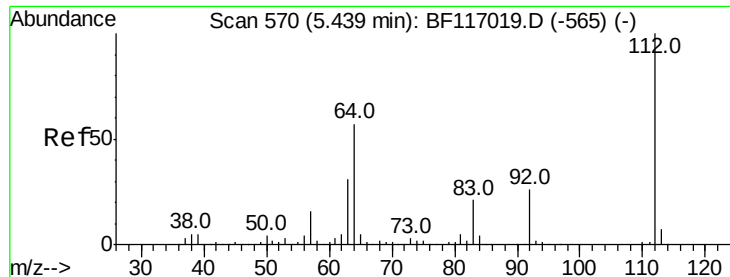
74 124.3 127.1 190.7#

44 4.7 4.3 6.5



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

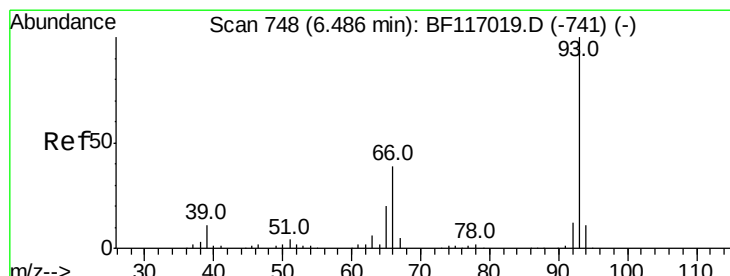
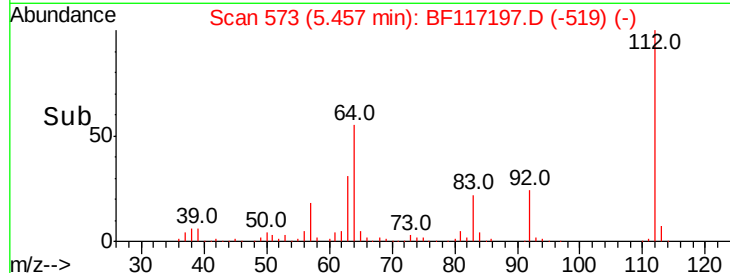
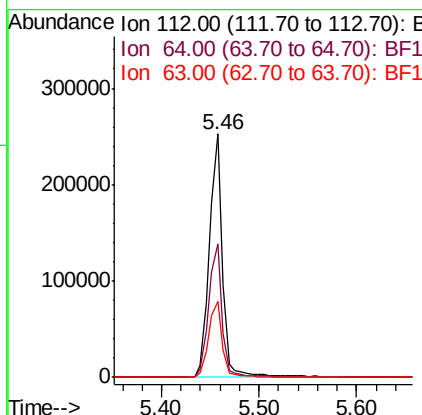
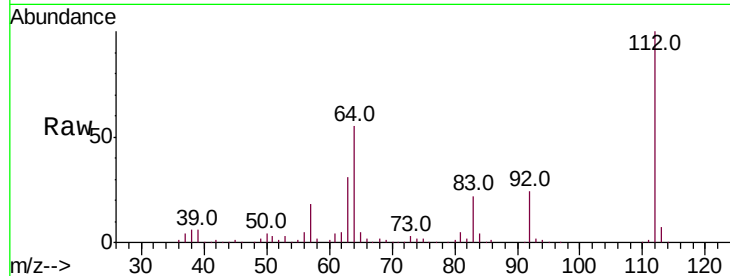




#5
 2-Fluorophenol
 Concen: 86.877 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

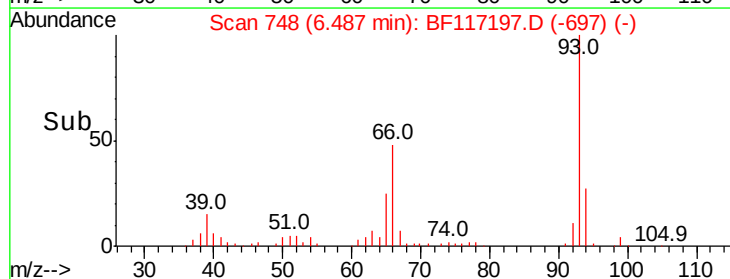
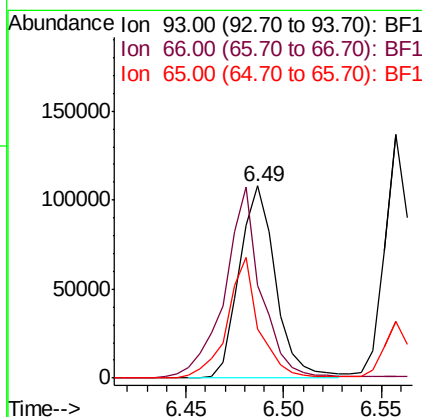
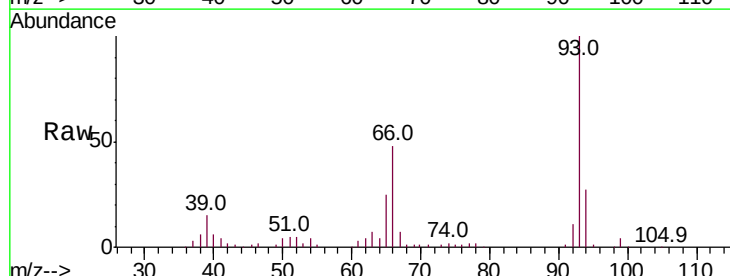
Instrument :
 BNA_F
 ClientSampleId :

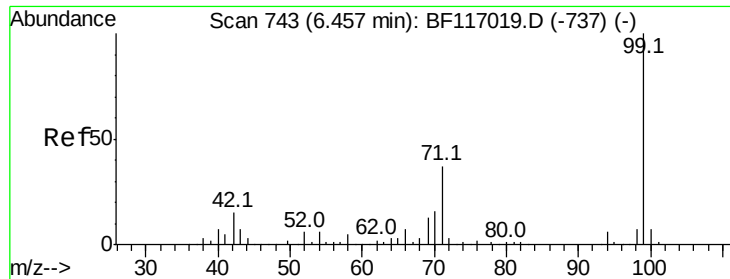
Tot Ion:112 Resp: 238476
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.7 68.5
 63 31.3 24.9 37.3



#6
 Aniline
 Concen: 30.470 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion: 93 Resp: 139169
 Ion Ratio Lower Upper
 93 100
 66 48.2 32.6 49.0
 65 25.3 16.7 25.1#





#7

Phenol-d6

Concen: 91.669 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

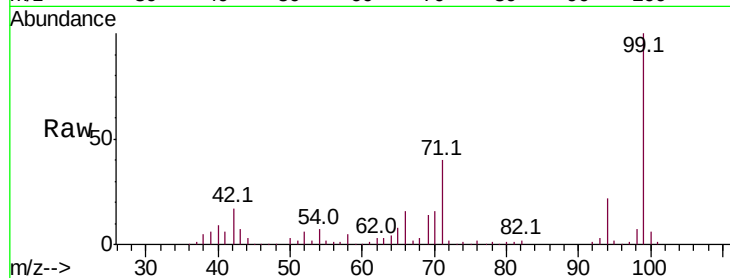
Tot Ion: 99 Resp: 325196

Ion Ratio Lower Upper

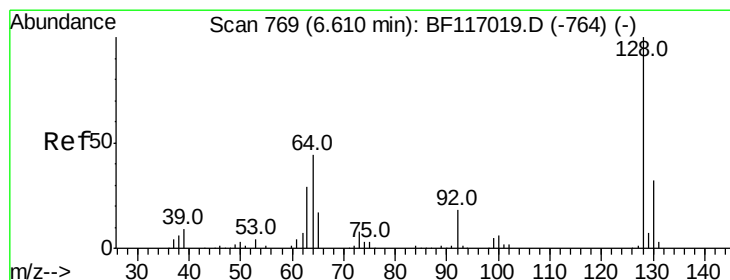
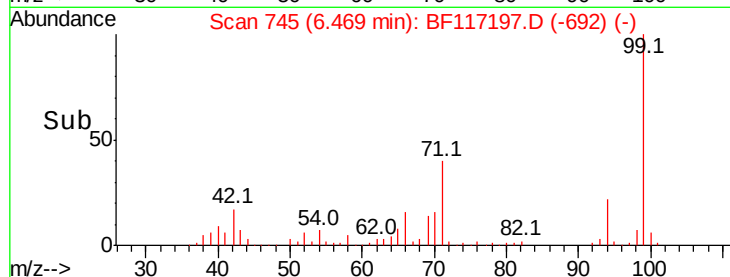
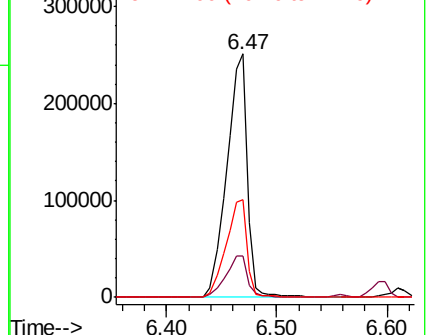
99 100

42 16.9 12.2 18.2

71 40.1 29.8 44.8



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: 43.072 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

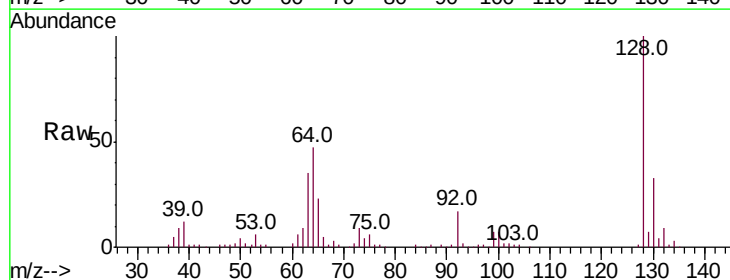
Tgt Ion: 128 Resp: 127550

Ion Ratio Lower Upper

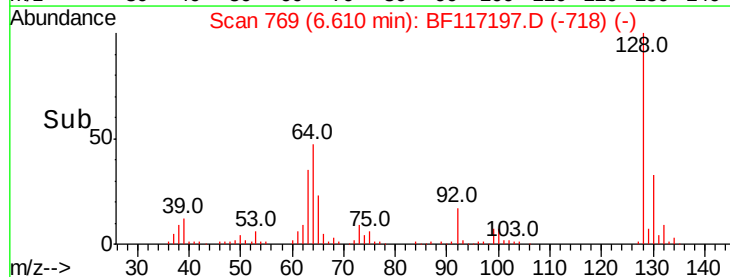
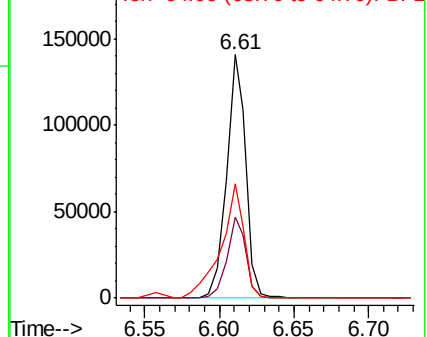
128 100

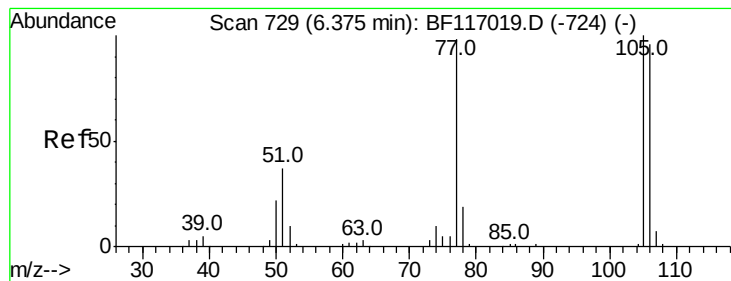
130 33.1 11.8 51.8

64 47.2 25.0 65.0



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: 56.880 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

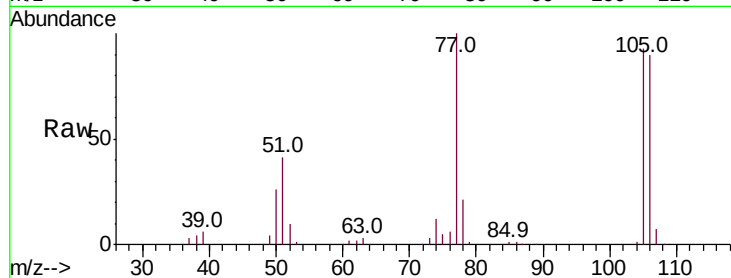
Tot Ion: 77 Resp: 93762

Ion Ratio Lower Upper

77 100

105 92.7 81.8 121.8

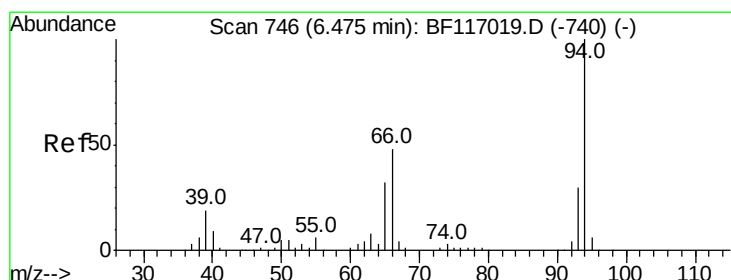
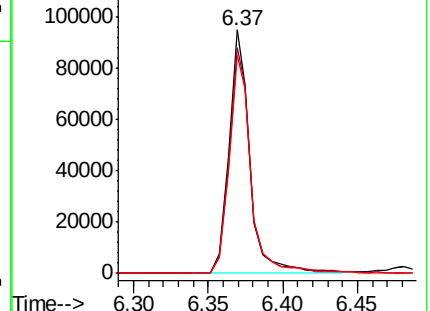
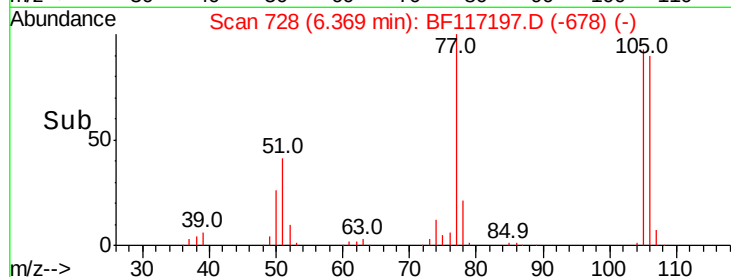
106 89.6 77.3 117.3



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: 42.324 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

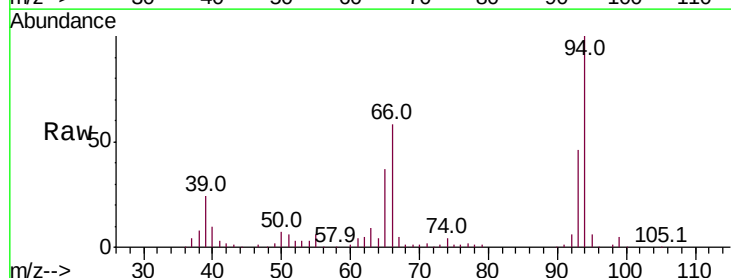
Tgt Ion: 94 Resp: 165520

Ion Ratio Lower Upper

94 100

65 36.9 12.5 52.5

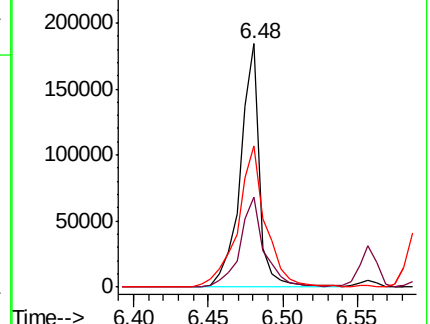
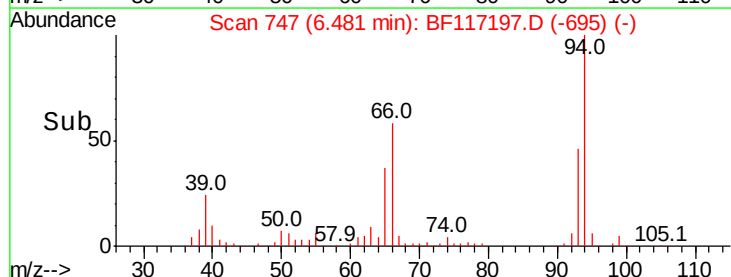
66 58.1 28.9 68.9

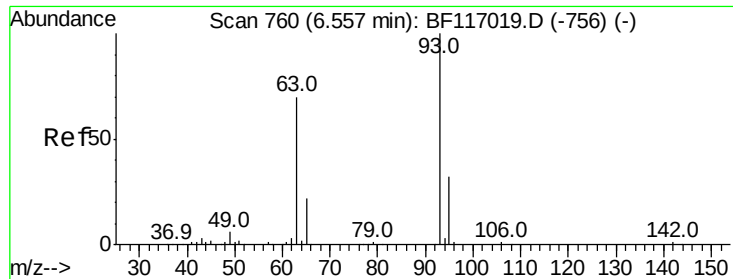


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.170 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

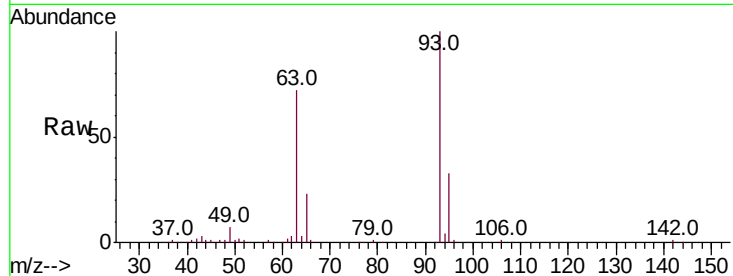
Tot Ion: 93 Resp: 118334

Ion Ratio Lower Upper

93 100

63 71.8 49.3 89.3

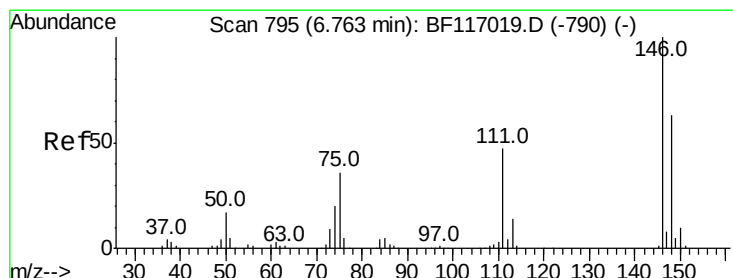
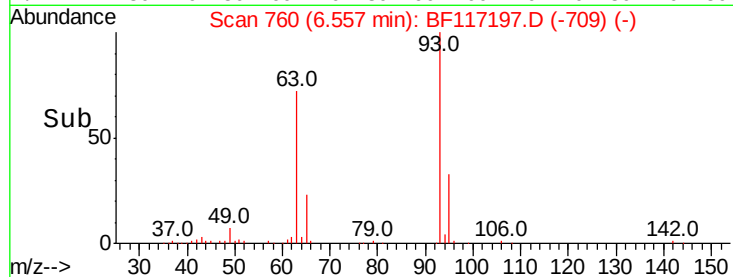
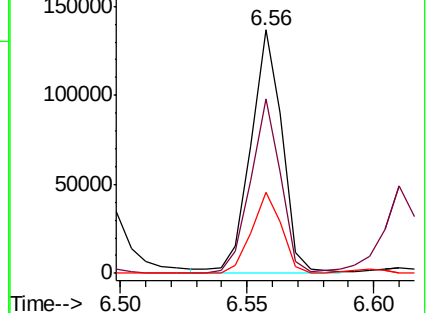
95 33.0 11.5 51.5



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: 38.410 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

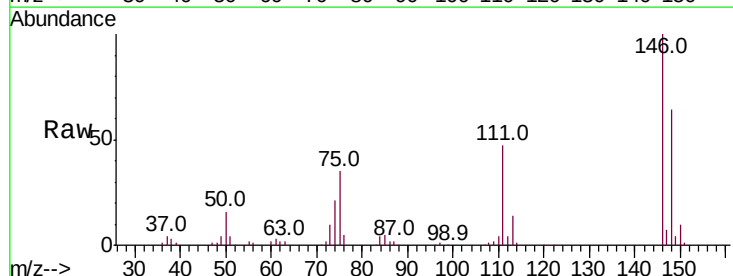
Tgt Ion: 146 Resp: 127635

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

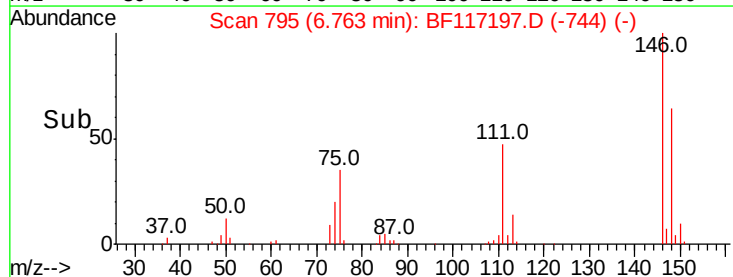
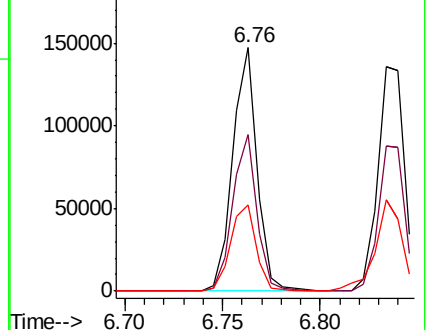
75 35.4 28.7 43.1

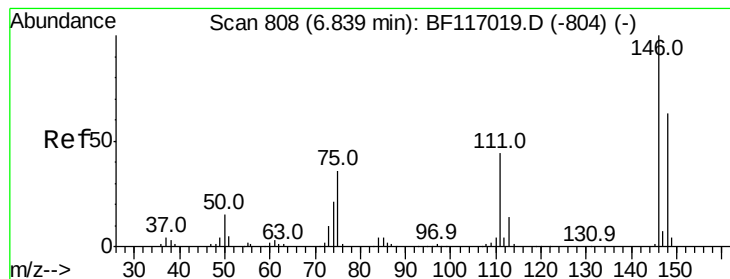


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.366 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

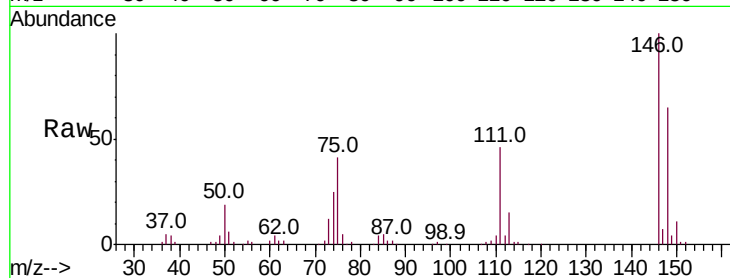
Tot Ion:146 Resp: 133495

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

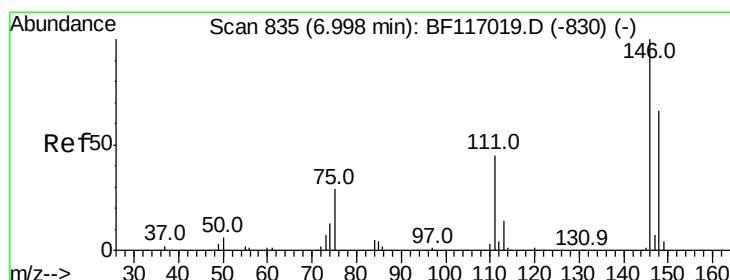
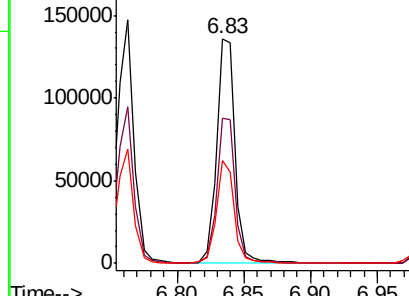
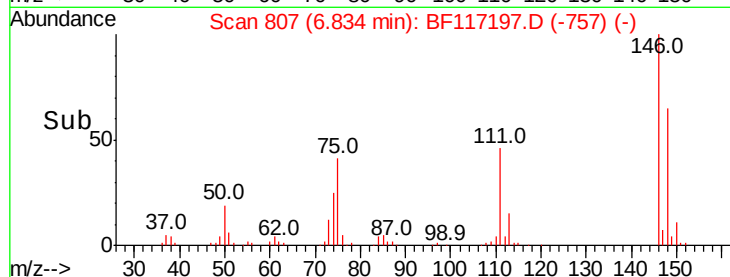
111 46.0 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.937 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

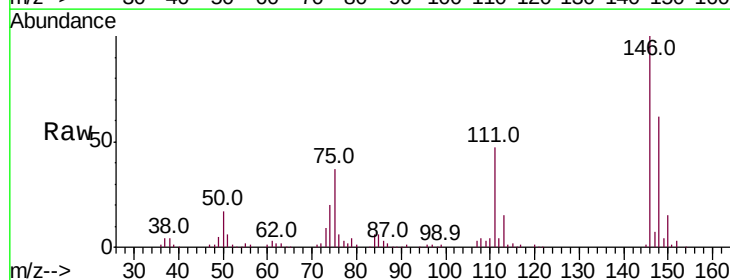
Tgt Ion:146 Resp: 126093

Ion Ratio Lower Upper

146 100

148 62.5 52.6 78.8

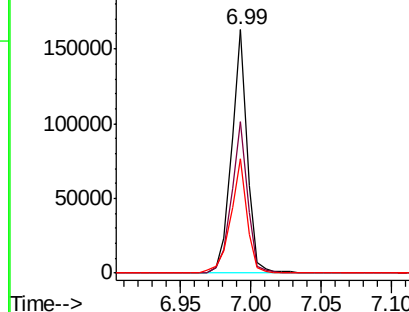
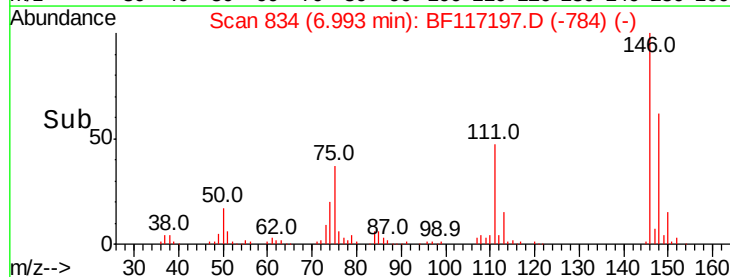
111 46.9 36.2 54.2

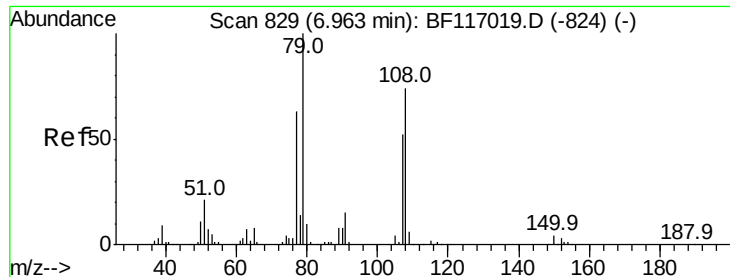


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.490 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

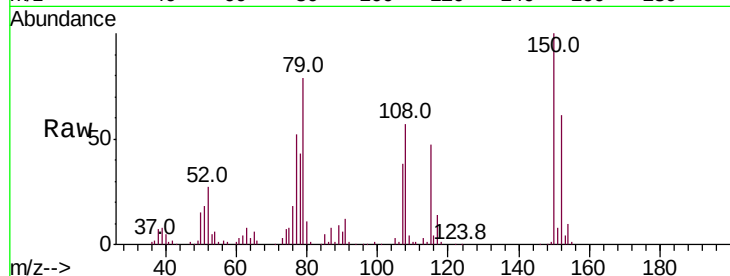
Tot Ion: 79 Resp: 123751

Ion Ratio Lower Upper

79 100

108 72.1 59.4 89.0

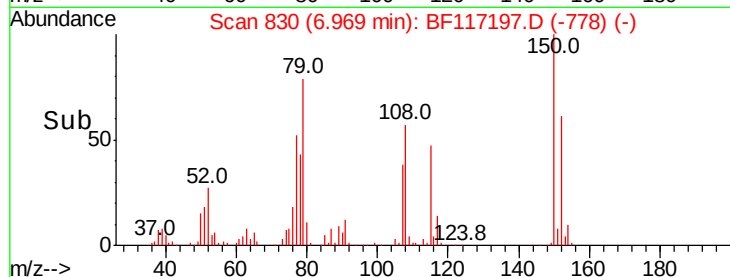
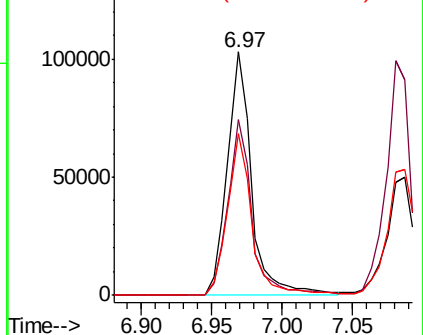
77 66.4 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.858 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

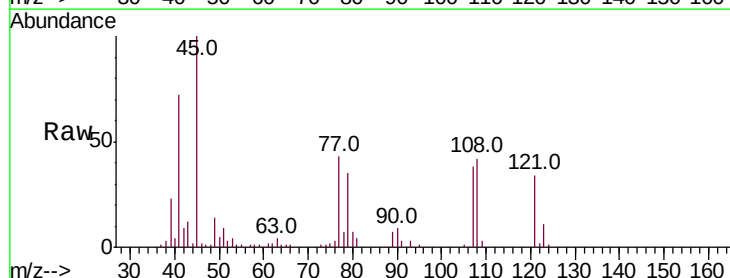
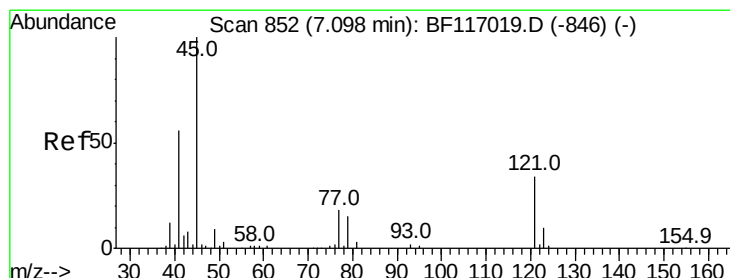
Tgt Ion: 45 Resp: 110347

Ion Ratio Lower Upper

45 100

77 42.8 2.7 42.7#

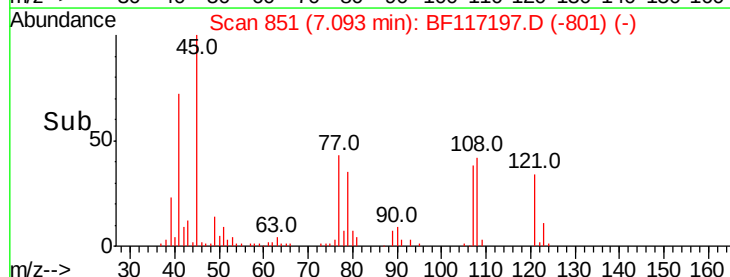
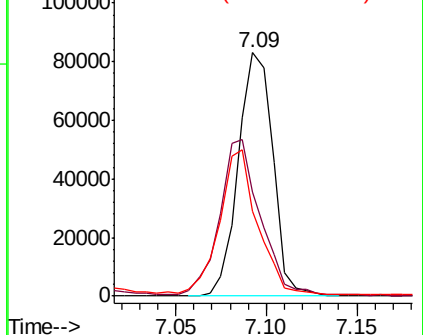
79 34.7 0.0 38.9

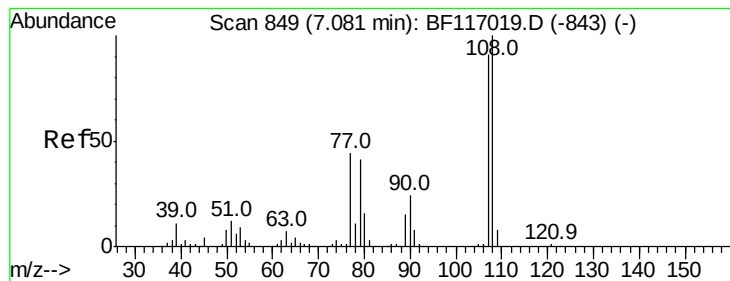


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

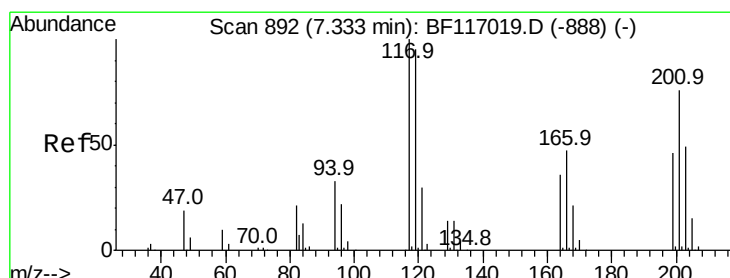
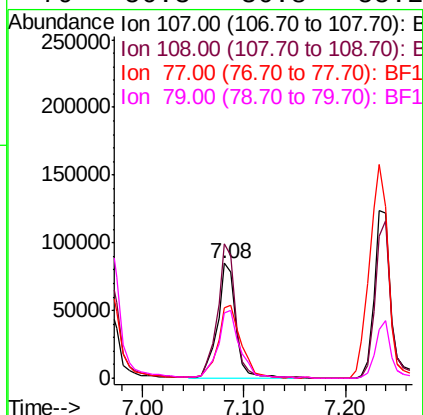
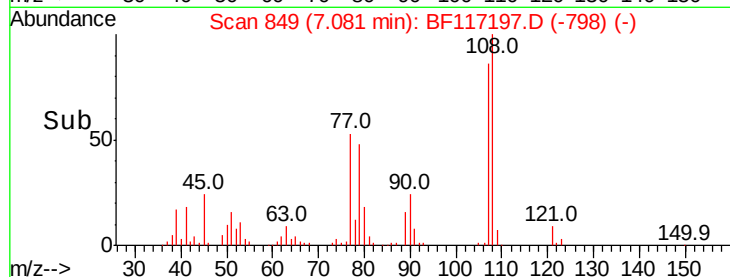
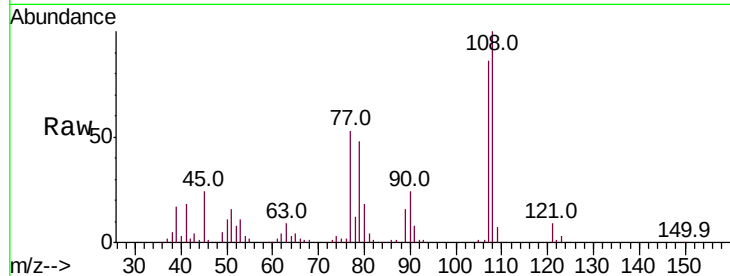




#17
2-Methylphenol
Concen: 43.120 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

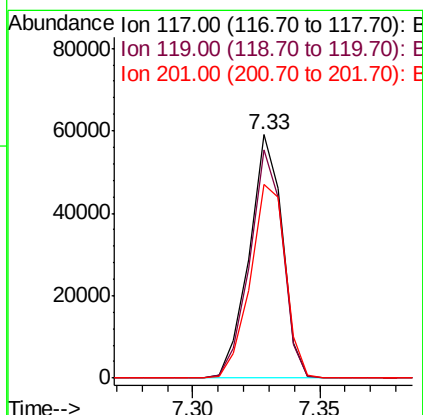
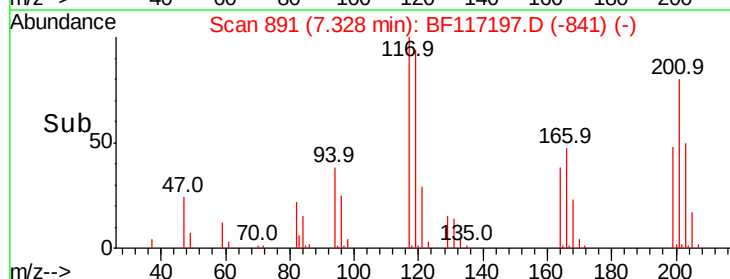
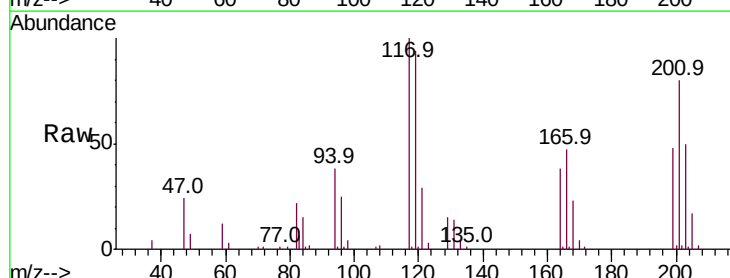
Instrument :
BNA_F
ClientSampled :

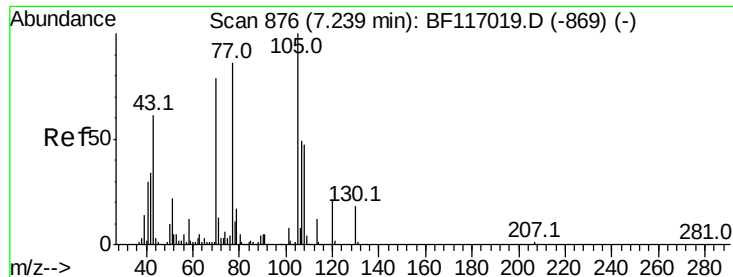
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	87.7	131.5
77	61.4	38.6	58.0#
79	56.3	36.8	55.2#



#18
Hexachloroethane
Concen: 41.331 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	79.6	60.9	91.3

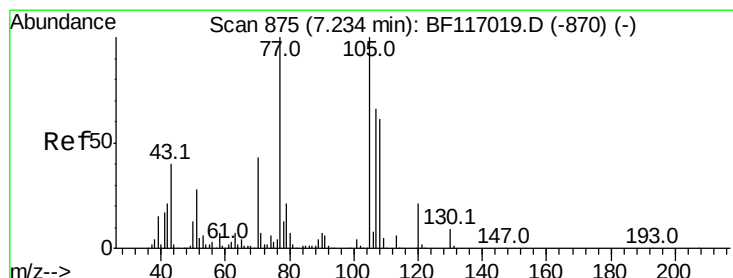
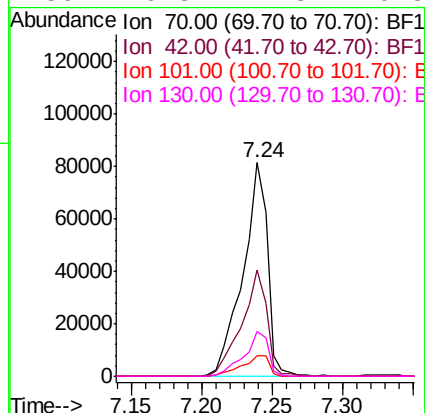
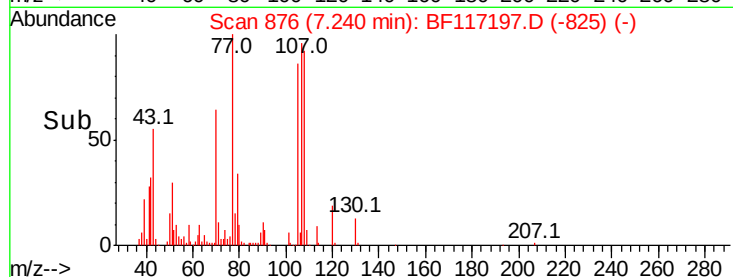
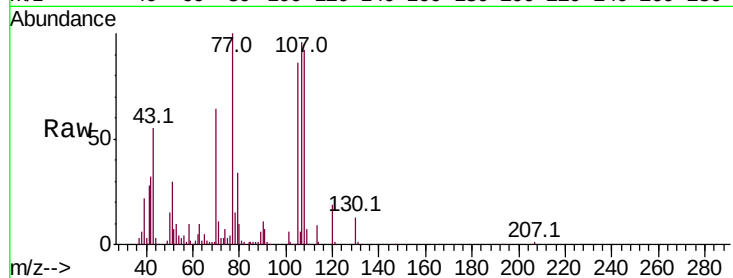




#19
n-Nitroso-di-n-propylamine
Concen: 45.945 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

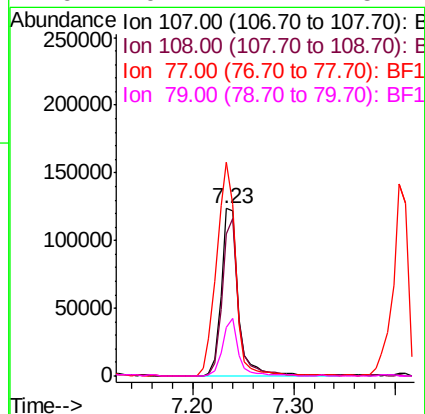
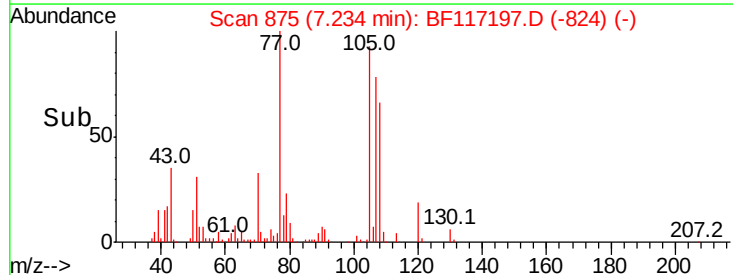
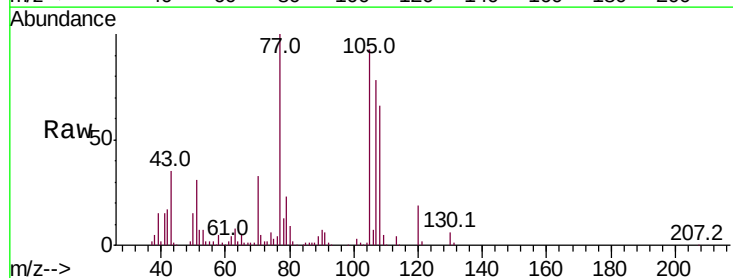
Instrument :
BNA_F
ClientSampleId :

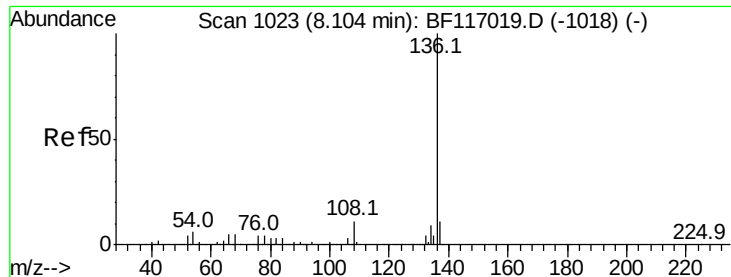
Tot Ion:	70	Resp:	99250
Ion	Ratio	Lower	Upper
70	100		
42	50.0	34.0	51.0
101	9.4	7.8	11.6
130	20.8	17.8	26.8



#20
3+4-Methylphenols
Concen: 46.863 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:	107	Resp:	144873
Ion	Ratio	Lower	Upper
107	100		
108	84.9	72.6	112.6
77	127.8	132.1	172.1#
79	29.4	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 175087

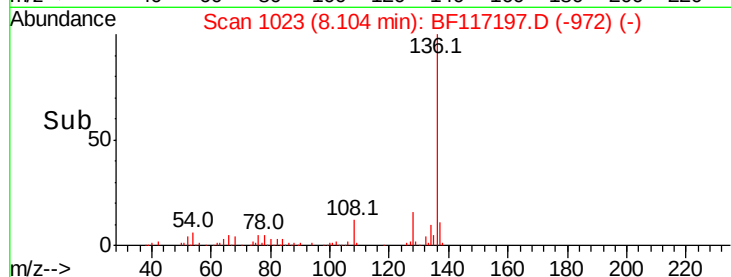
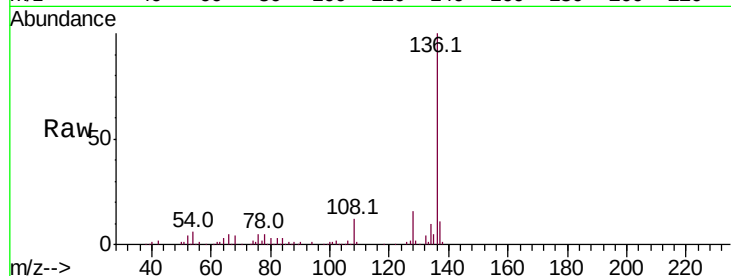
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.5 4.5 6.7

68 4.4 4.0 6.0

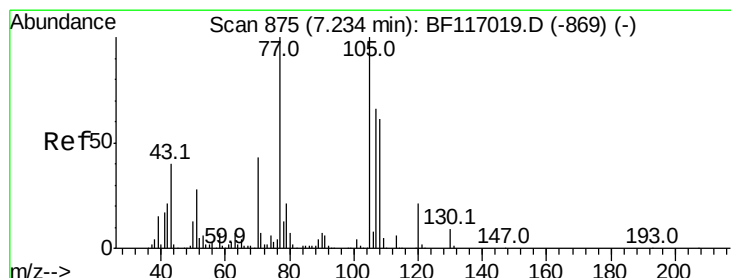
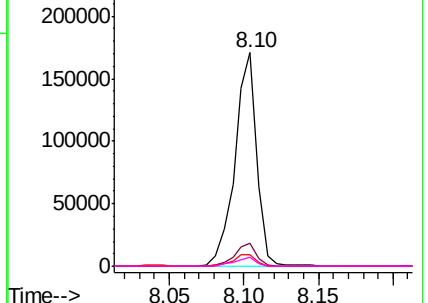


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.127 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:105 Resp: 196294

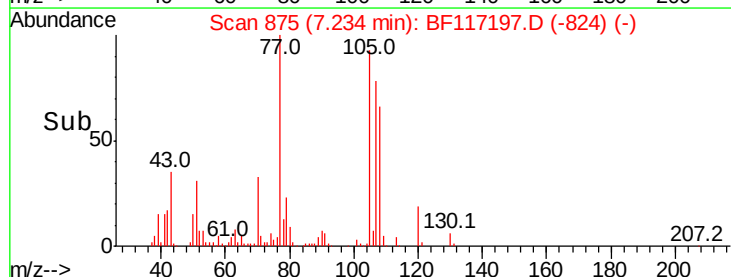
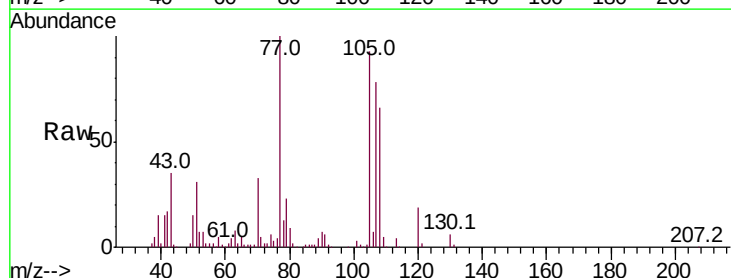
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 33.0 22.1 33.1

120 20.5 17.1 25.7

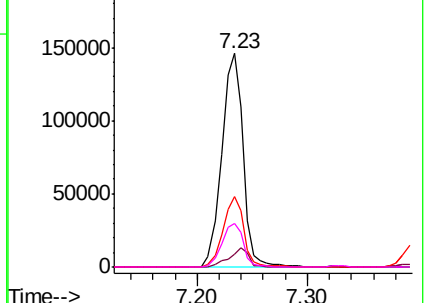


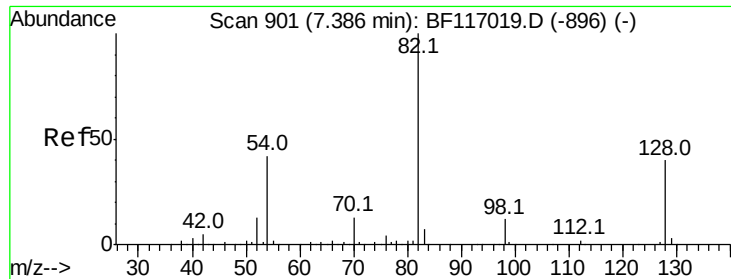
Abundance Ion 105.00 (104.70 to 105.70): E

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

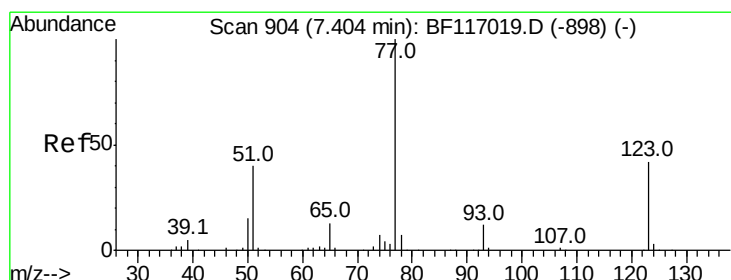
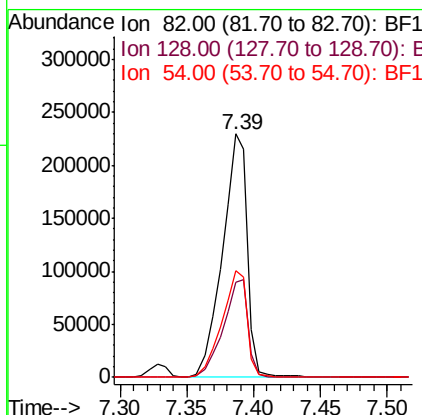
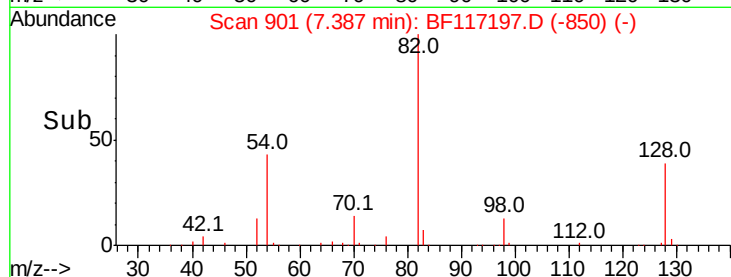
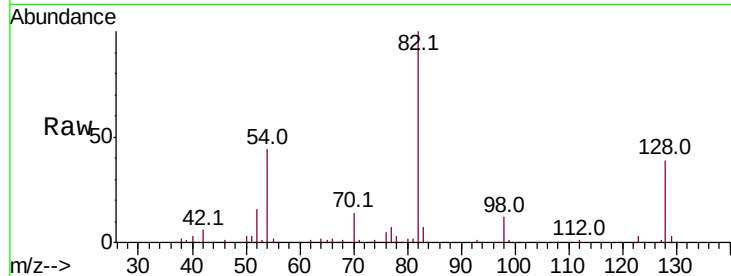




#23
 Nitrobenzene-d5
 Concen: 90.463 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

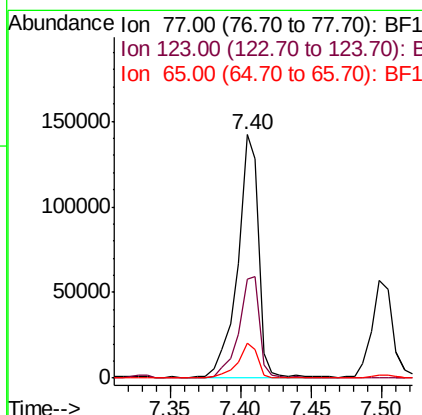
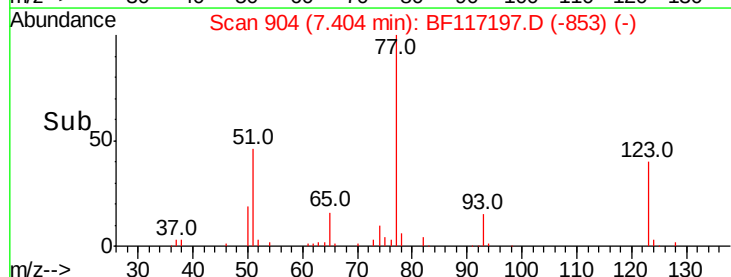
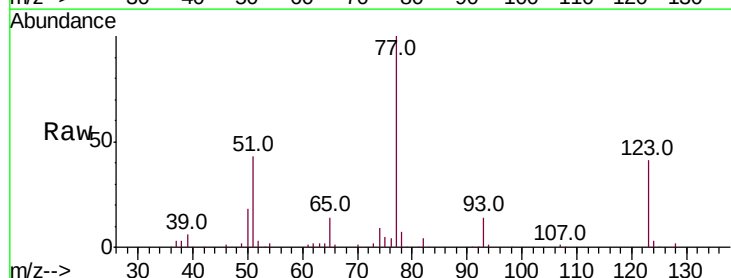
Instrument :
 BNA_F
 ClientSampleId :

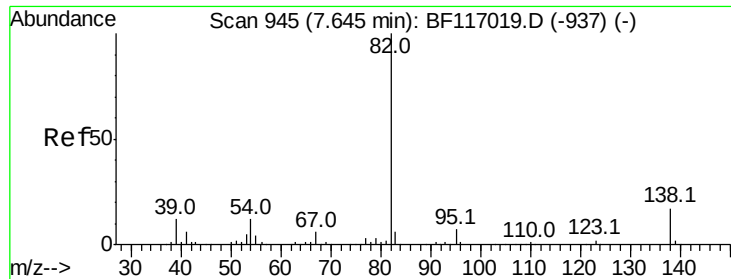
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.3	48.5
54	43.9	33.3	49.9



#24
 Nitrobenzene
 Concen: 44.300 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	33.5	50.3
65	14.4	10.5	15.7





#25

Isophorone

Concen: 45.456 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampled :

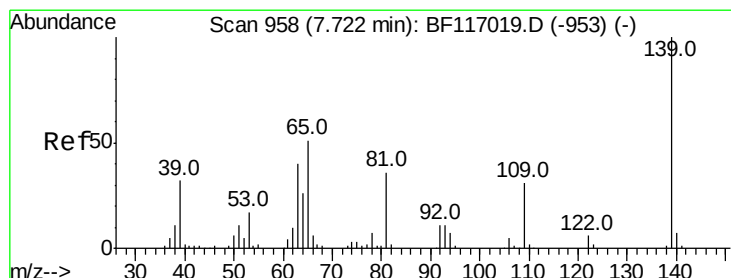
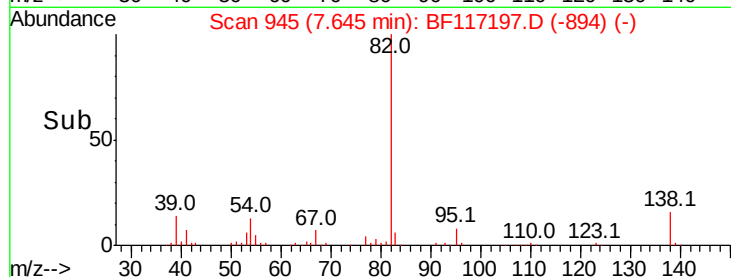
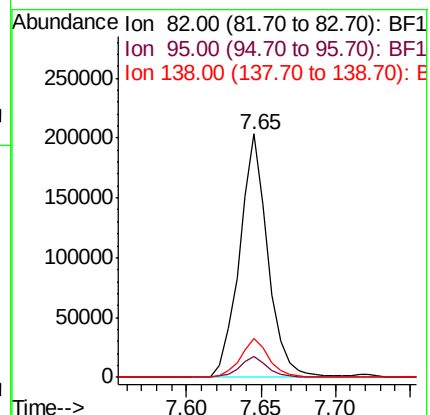
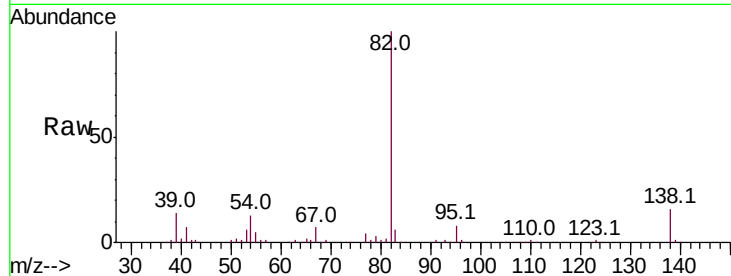
Tot Ion: 82 Resp: 268195

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

138 16.2 13.5 20.3



#26

2-Nitrophenol

Concen: 46.989 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

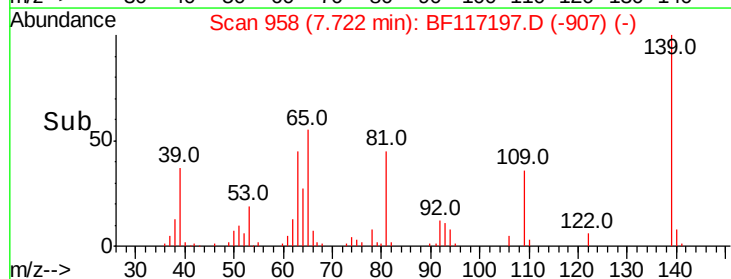
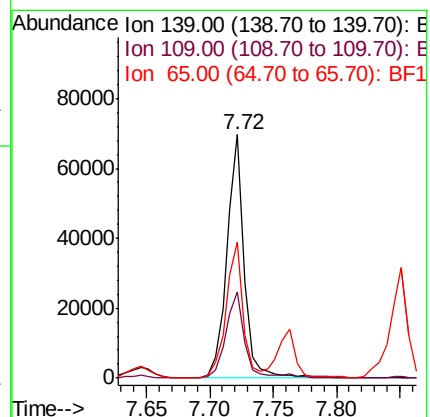
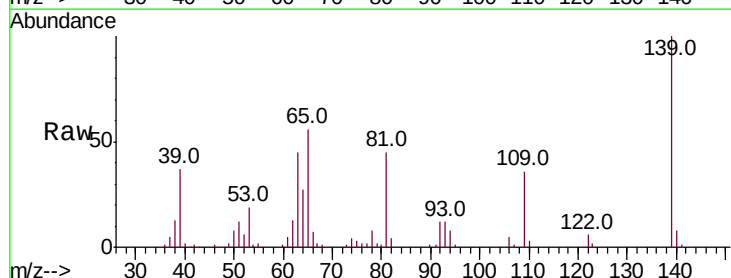
Tgt Ion: 139 Resp: 66419

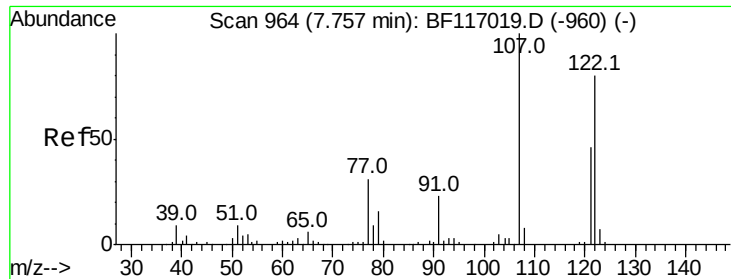
Ion Ratio Lower Upper

139 100

109 35.5 24.6 36.8

65 55.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.659 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

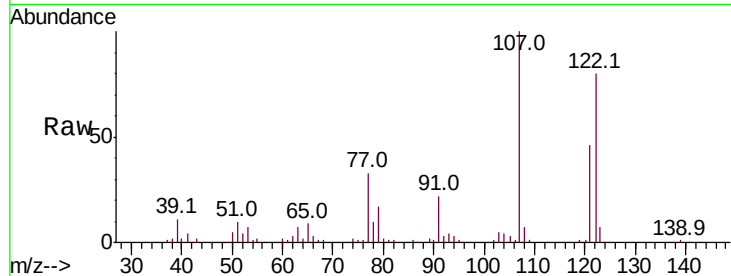
Tot Ion:122 Resp: 113554

Ion Ratio Lower Upper

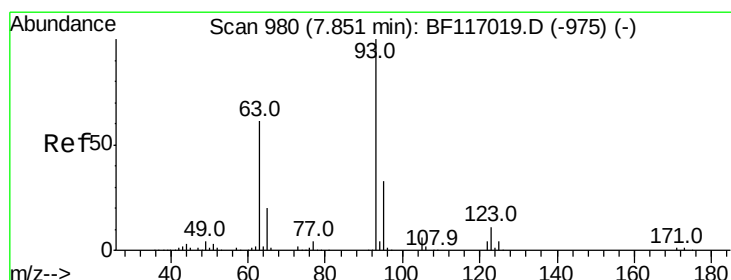
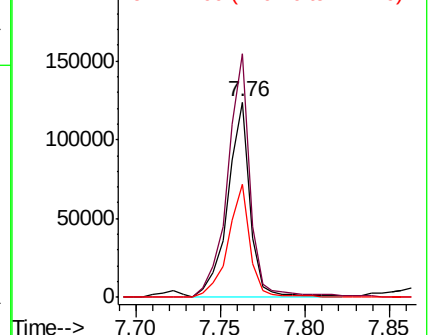
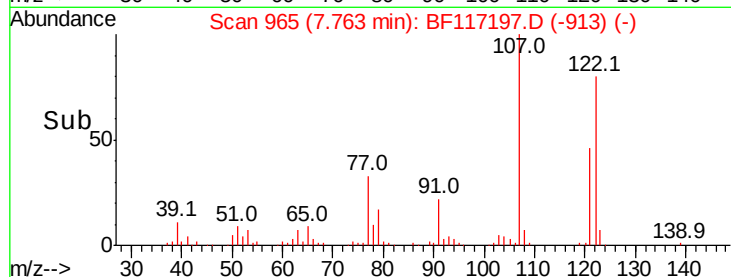
122 100

107 124.7 98.9 148.3

121 58.0 45.3 67.9



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: 42.692 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

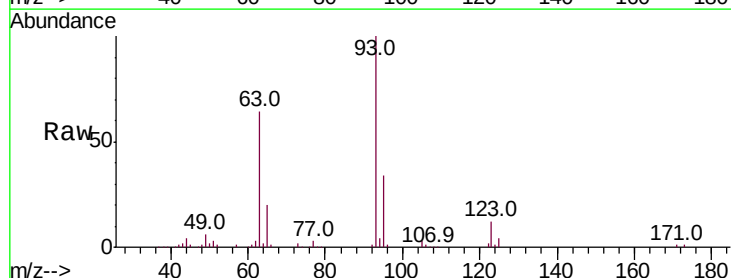
Tgt Ion: 93 Resp: 155189

Ion Ratio Lower Upper

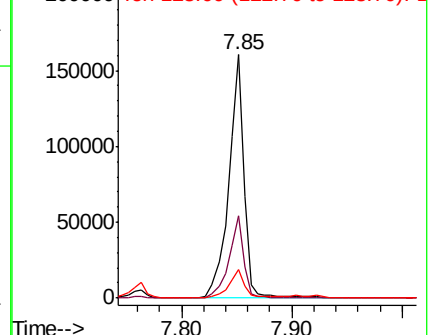
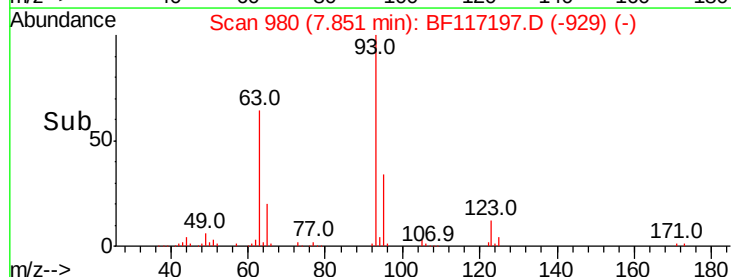
93 100

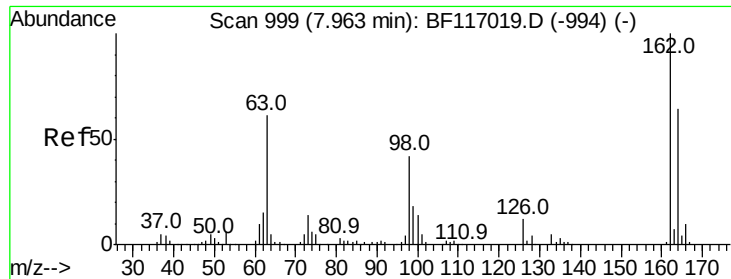
95 33.8 26.2 39.4

123 11.6 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

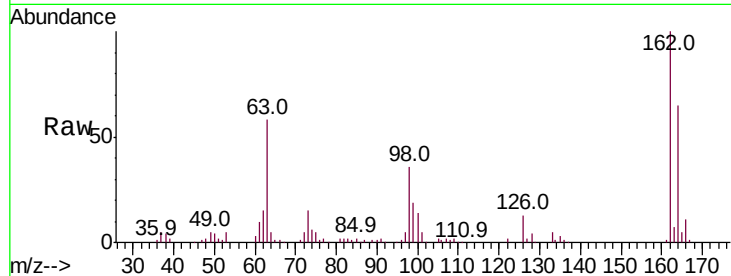




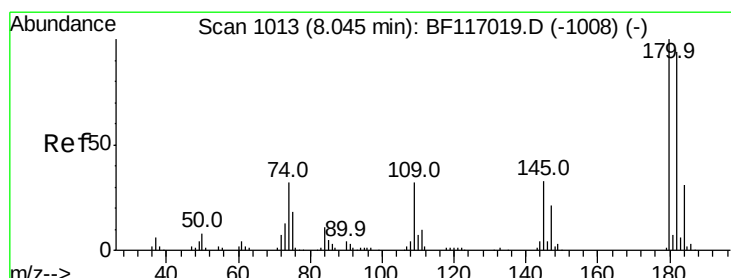
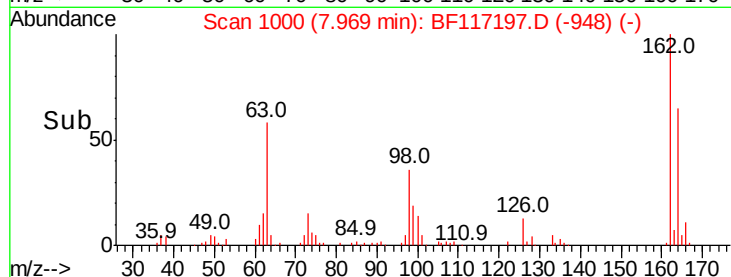
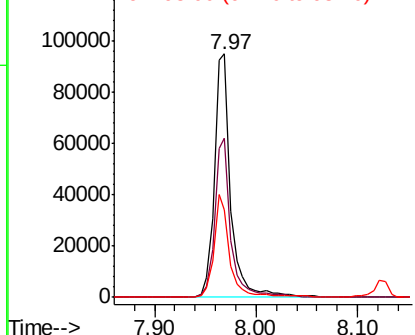
#29
 2,4-Dichlorophenol
 Concen: 45.590 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.8	83.8
98	36.0	22.1	62.1

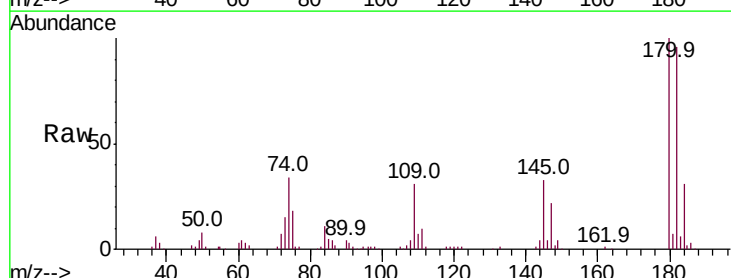


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

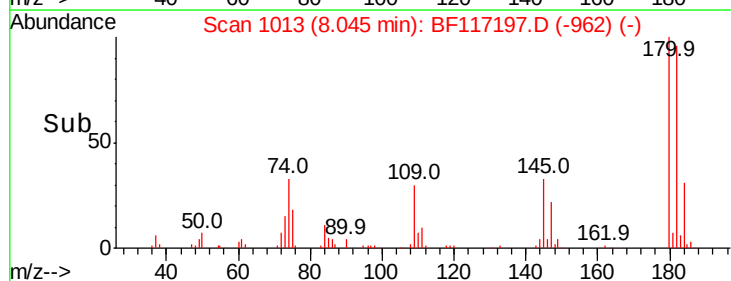
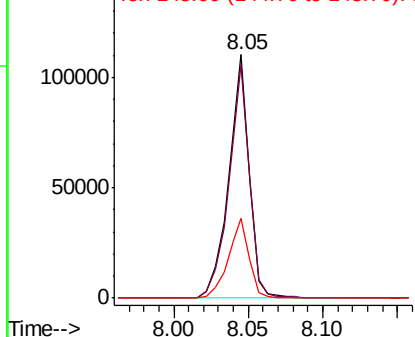


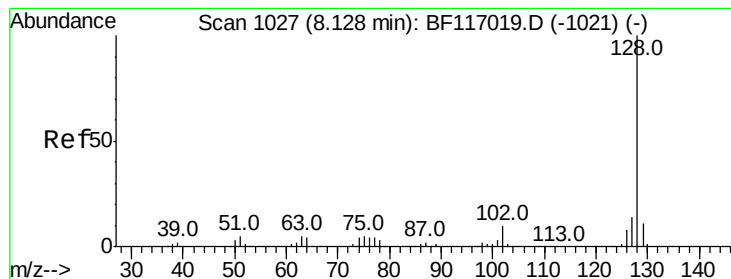
#30
 1,2,4-Trichlorobenzene
 Concen: 42.109 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	32.6	26.7	40.1



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: 44.045 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

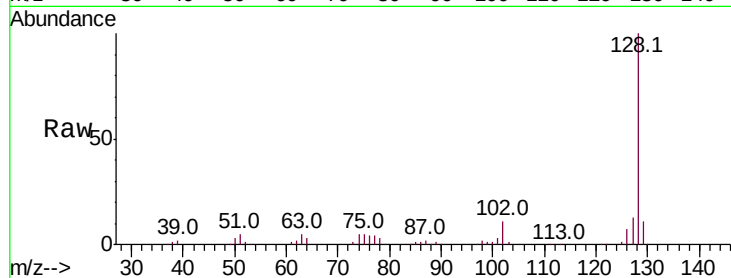
Tot Ion:128 Resp: 370887

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

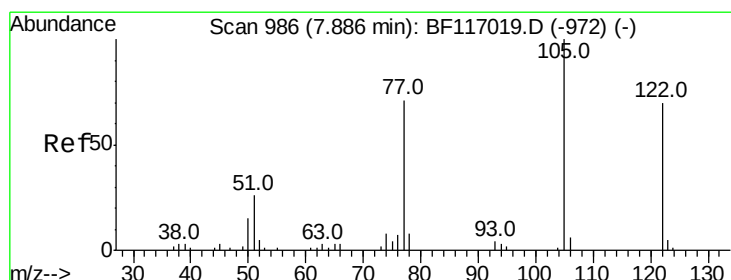
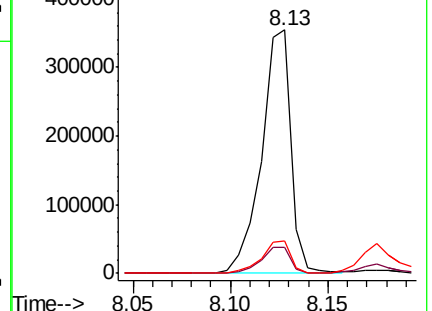
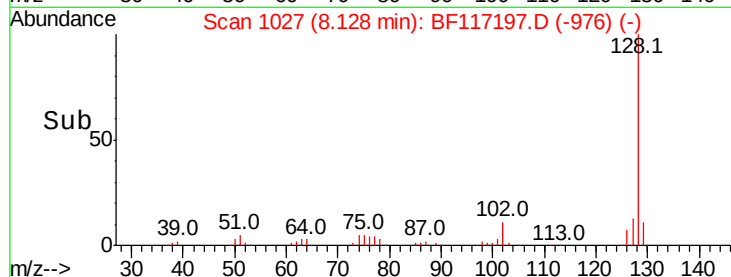
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.771 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.04 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

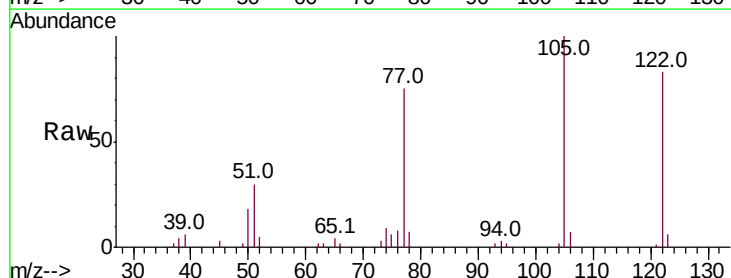
Tgt Ion:122 Resp: 61171

Ion Ratio Lower Upper

122 100

105 120.0 114.8 154.8

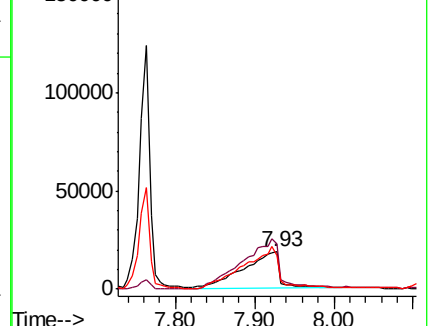
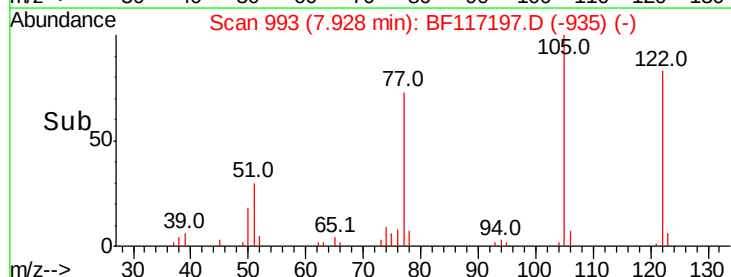
77 89.8 78.7 118.7

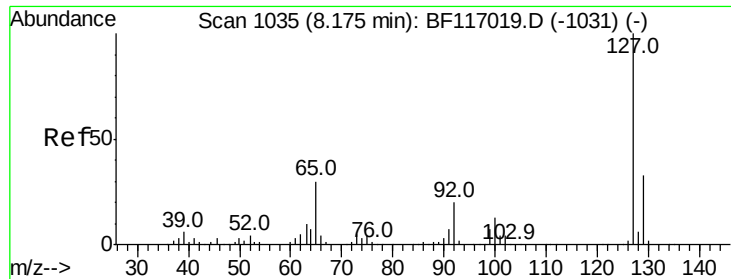


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

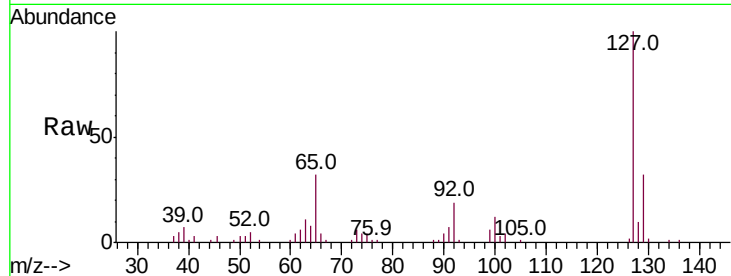




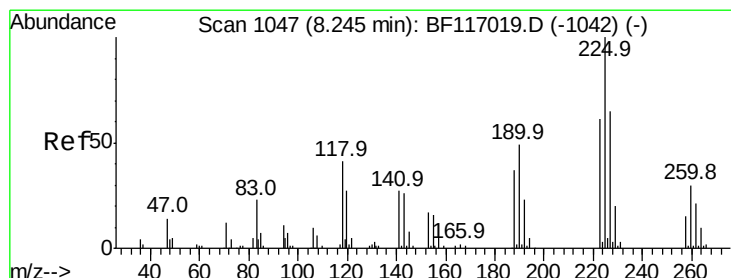
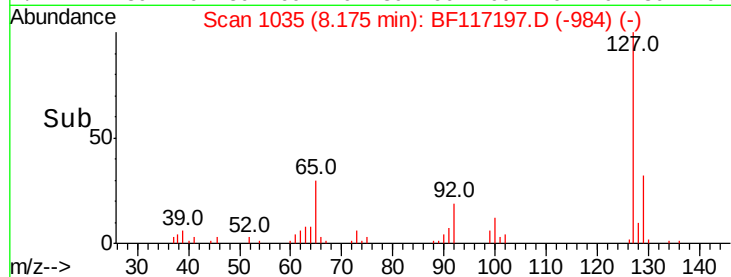
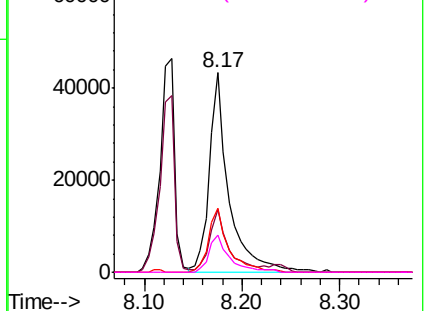
#33
4-Chloroaniline
Concen: 16.231 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	60618
Ion	Ratio	Lower Upper
127	100	
129	31.5	26.2 39.2
65	31.9	23.5 35.3
92	18.6	15.9 23.9

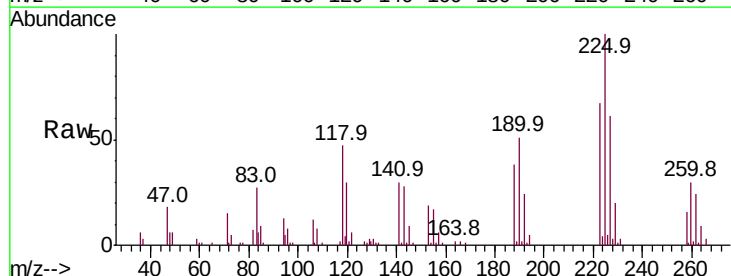


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

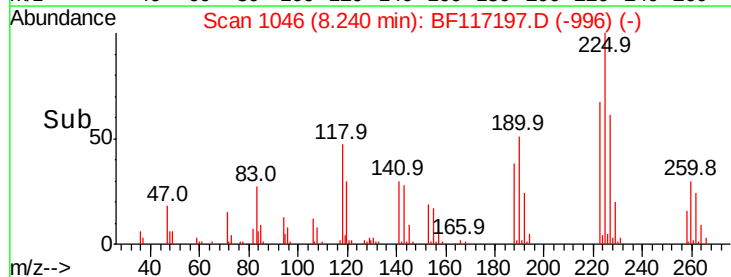
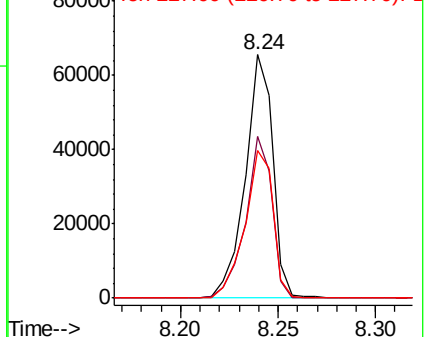


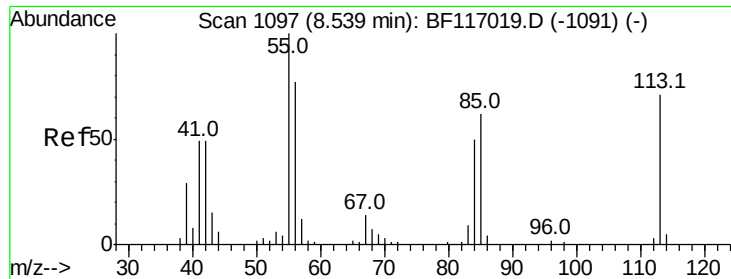
#34
Hexachlorobutadiene
Concen: 44.535 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:225	Resp:	64114
Ion	Ratio	Lower Upper
225	100	
223	66.6	49.1 73.7
227	60.7	52.2 78.2



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

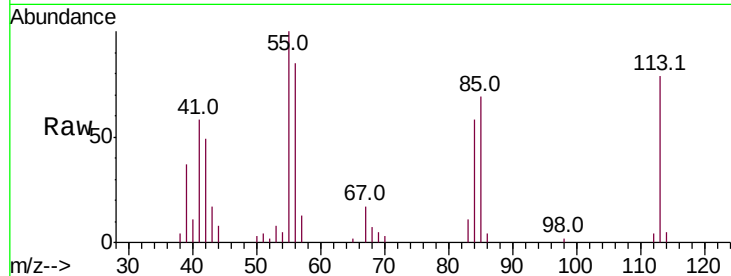




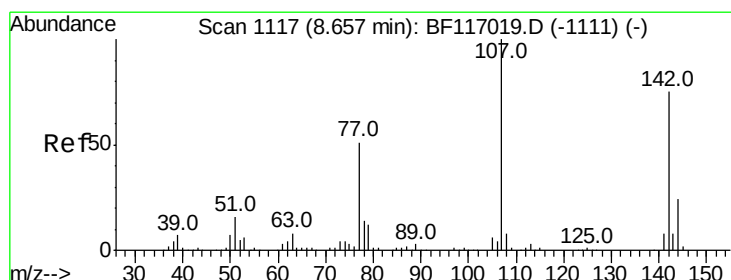
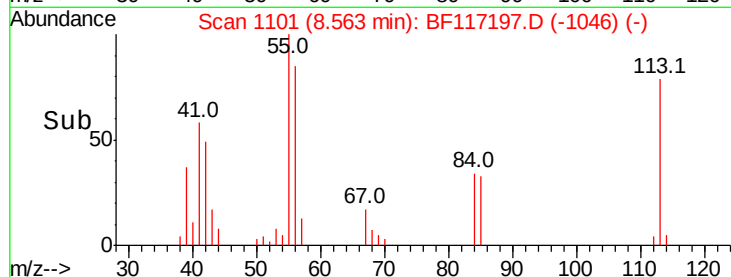
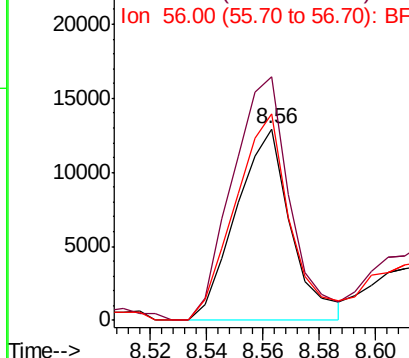
#35
 Caprolactam
 Concen: 22.047 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 17527
 Ion Ratio Lower Upper
 113 100
 55 127.0 120.6 160.6
 56 107.6 88.8 128.8

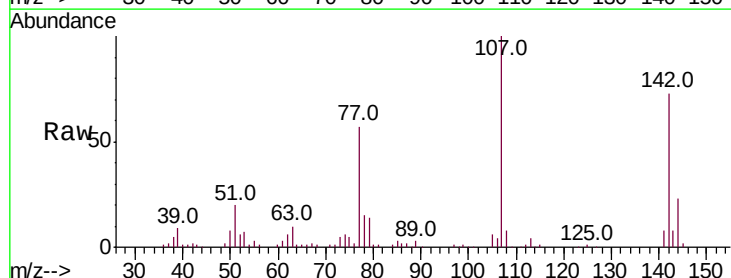


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

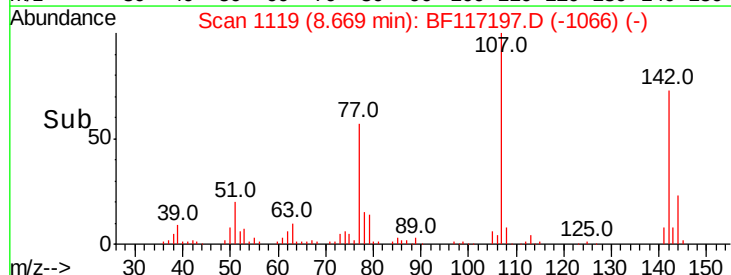
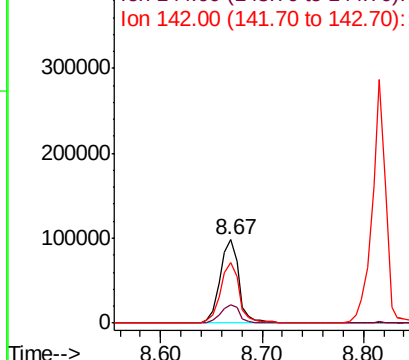


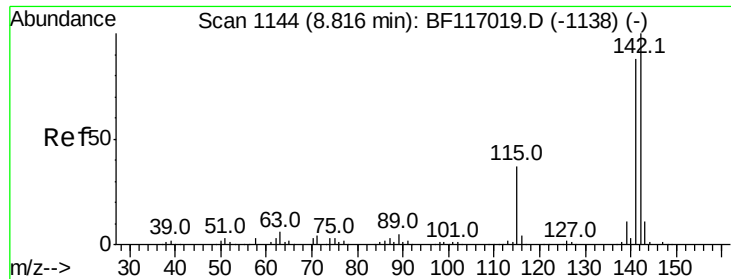
#36
 4-Chloro-3-methylphenol
 Concen: 46.786 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:107 Resp: 128130
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.2 28.8
 142 72.9 59.6 89.4



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

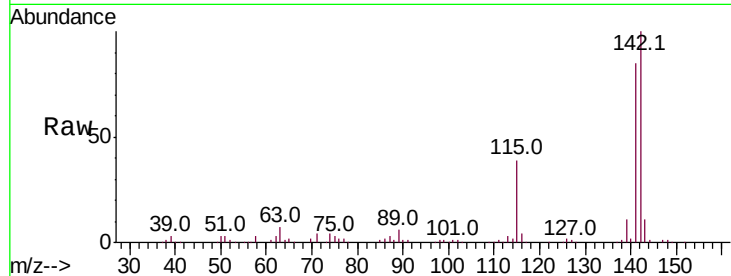




#37
2-Methylnaphthalene
Concen: 46.680 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.7	106.1
115	38.7	29.4	44.0

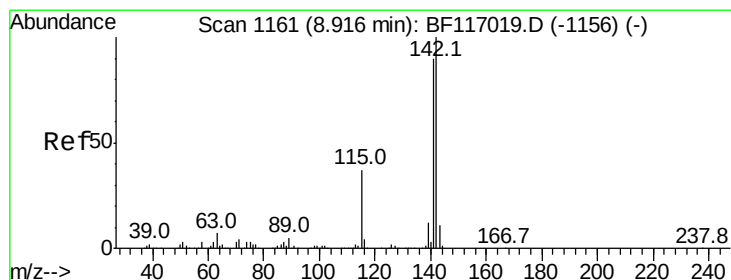
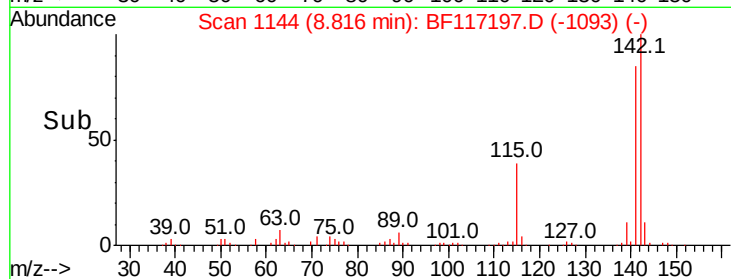
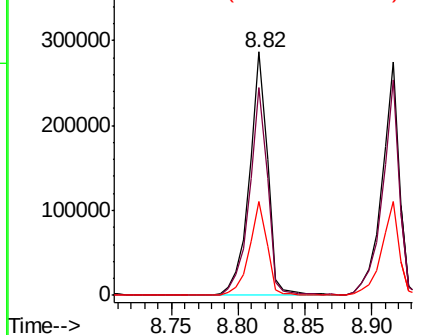


Abundance

Ion 142.00 (141.70 to 142.70): E

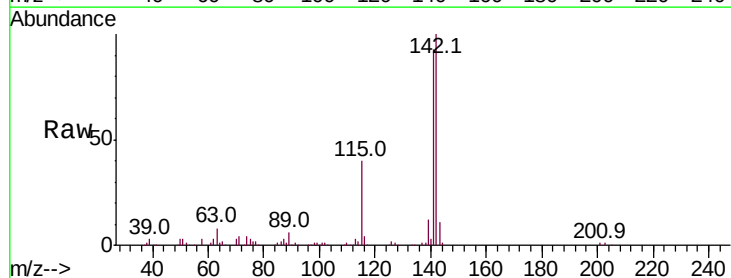
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.770 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
116	4.0	3.2	4.8

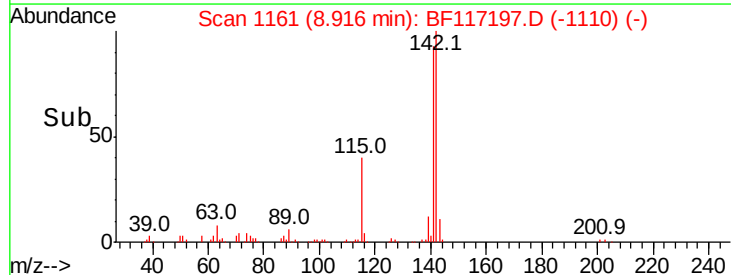
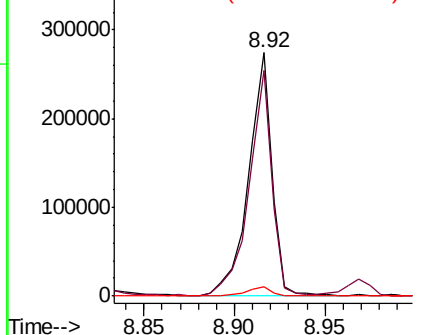


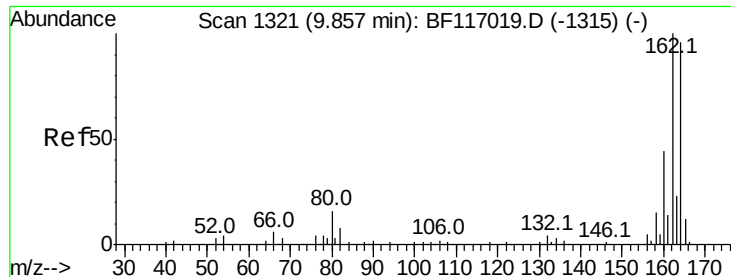
Abundance

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

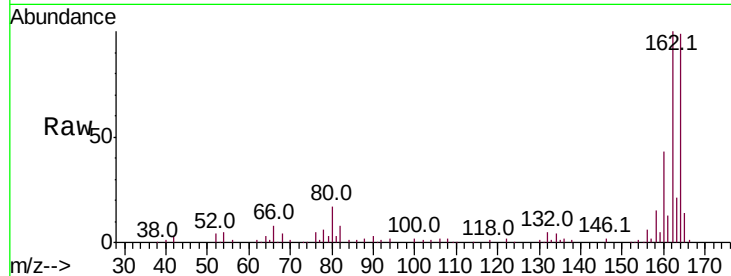




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	43.5	36.4	54.6

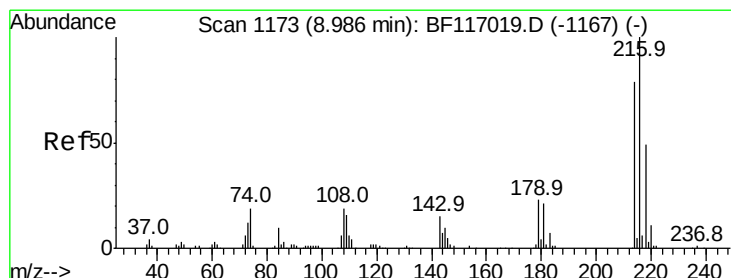
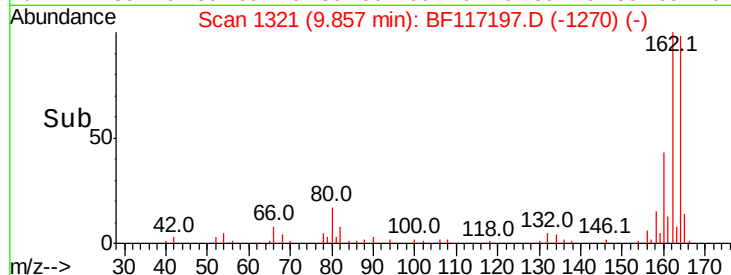
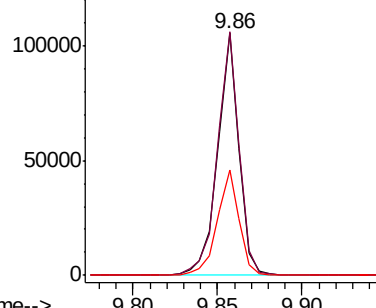


Abundance

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: 44.365 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.6	95.4
179	23.8	18.3	27.5
108	25.9	17.8	26.6

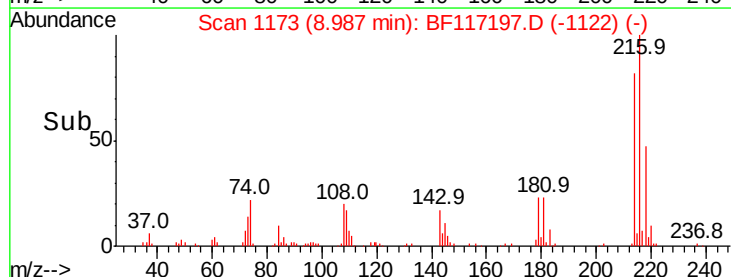
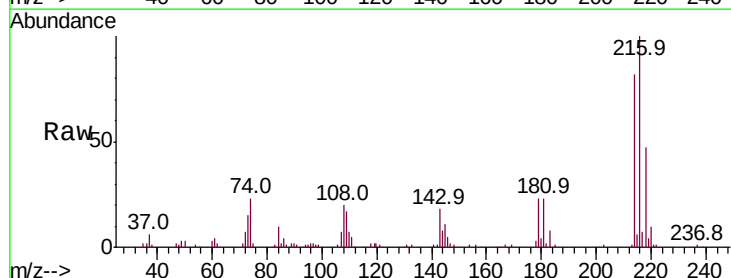
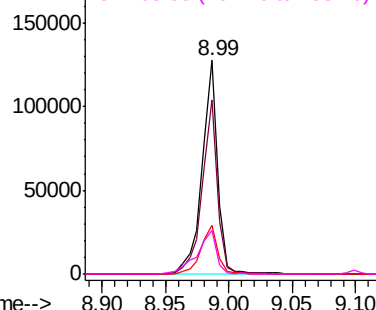
Abundance

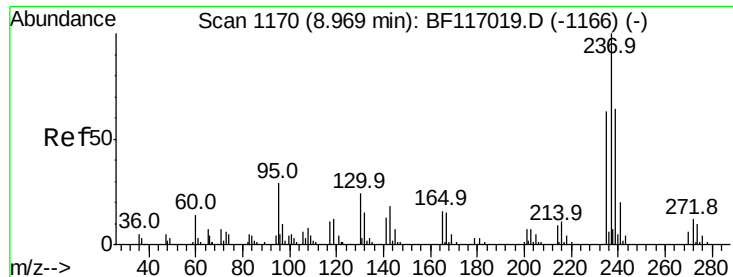
Ion 216.00 (215.70 to 216.70): E

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

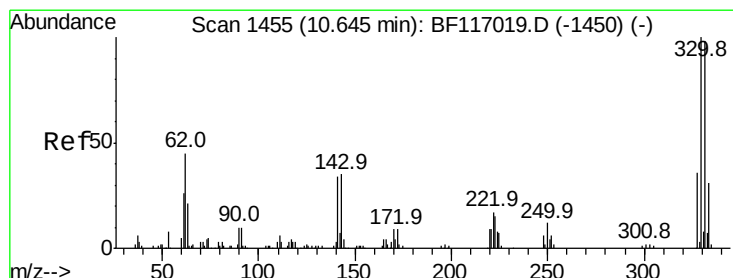
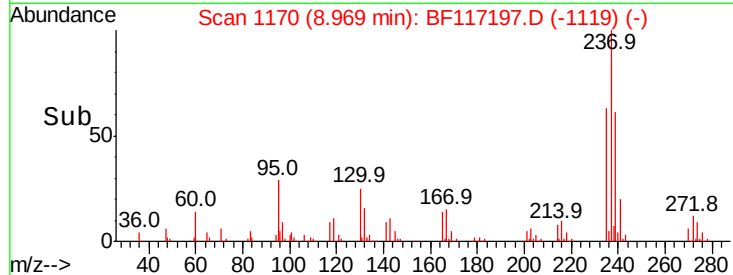
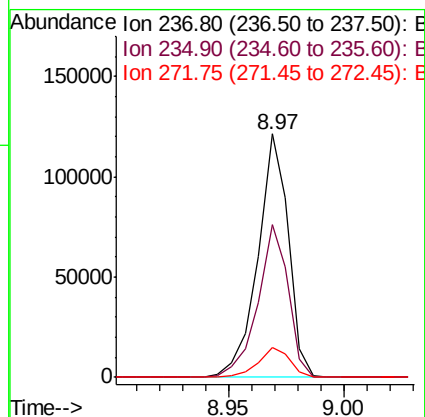
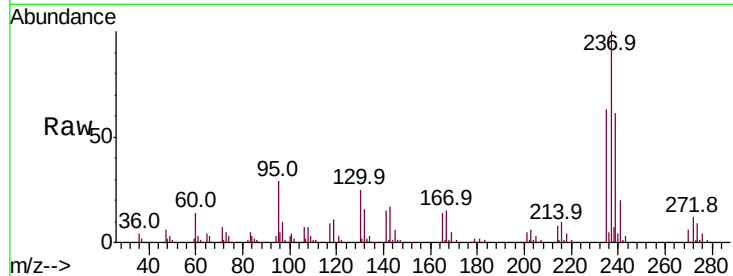




#41
Hexachlorocyclopentadiene
Concen: 102.433 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

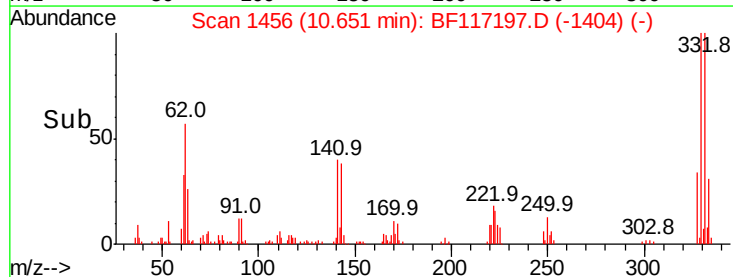
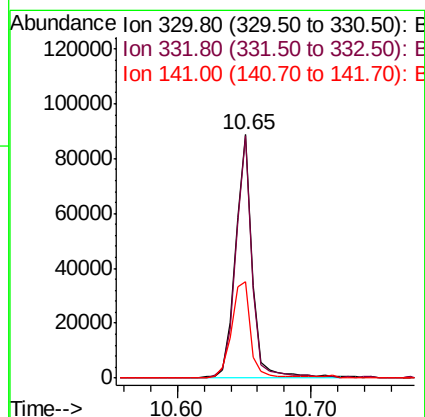
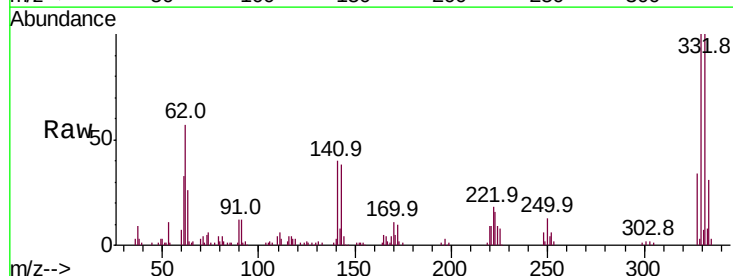
Instrument :
BNA_F
ClientSampleId :

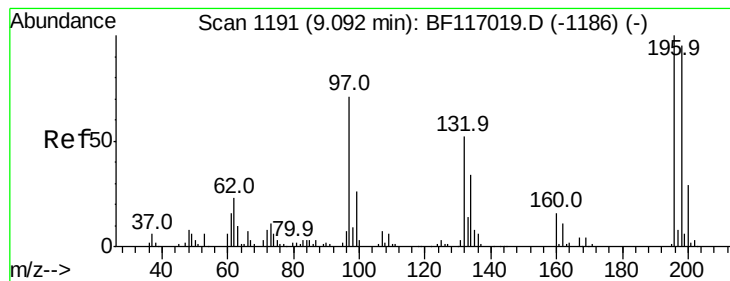
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.2	83.2
272	12.3	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 100.965 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	45.4	35.8	53.6





#43

2,4,6-Trichlorophenol

Concen: 44.353 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

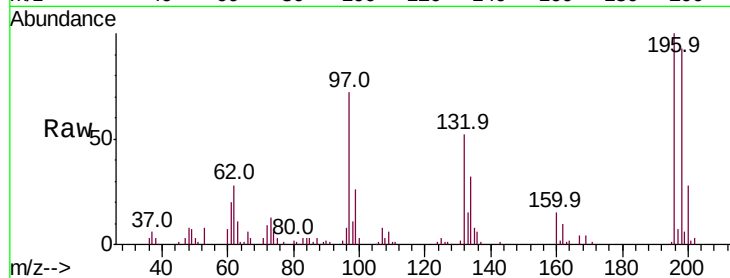
Tot Ion:196 Resp: 72754

Ion Ratio Lower Upper

196 100

198 92.8 75.7 113.5

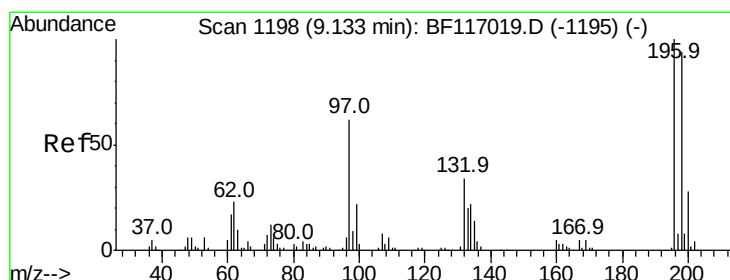
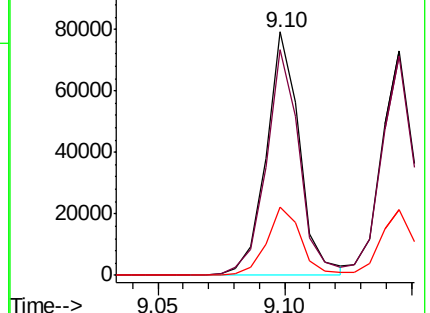
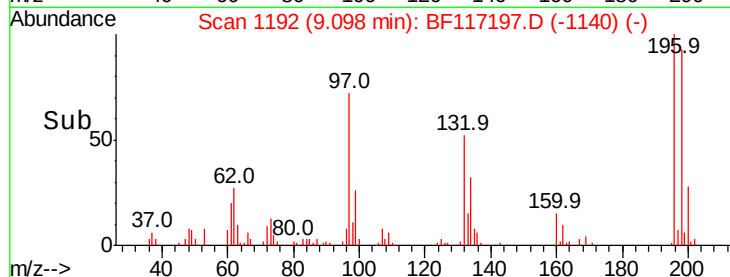
200 28.2 23.3 34.9



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: 44.411 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Tgt Ion:196 Resp: 77834

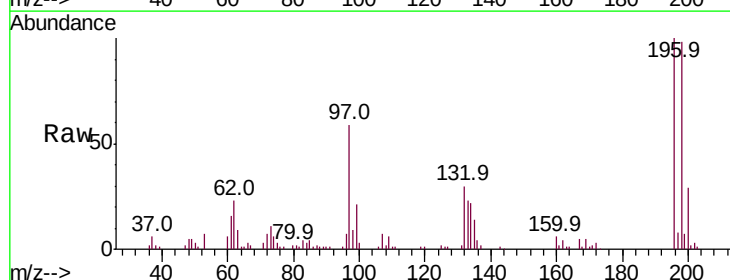
Ion Ratio Lower Upper

196 100

198 97.6 74.6 112.0

97 59.4 49.5 74.3

132 30.4 27.4 41.2

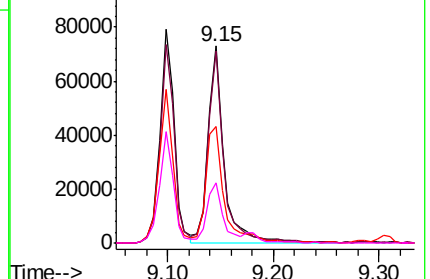
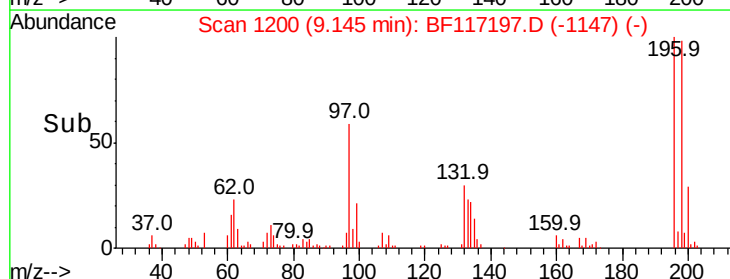


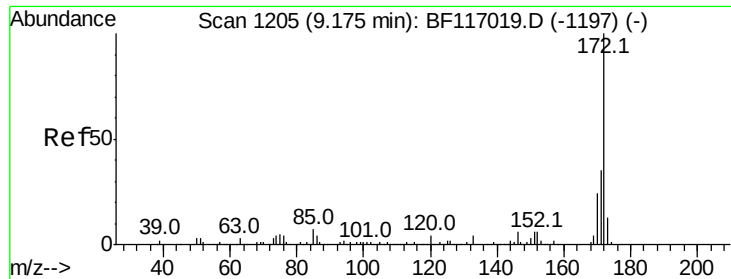
Abundance Ion 196.00 (195.70 to 196.70): E

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

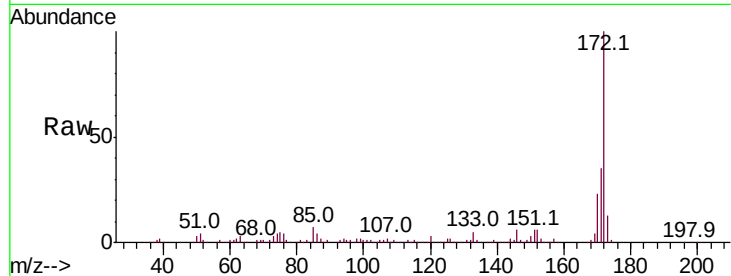




#45
 2-Fluorobiphenyl
 Concen: 98.050 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.5	18.9	28.3

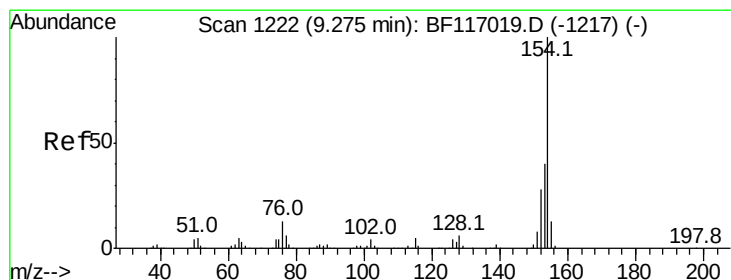
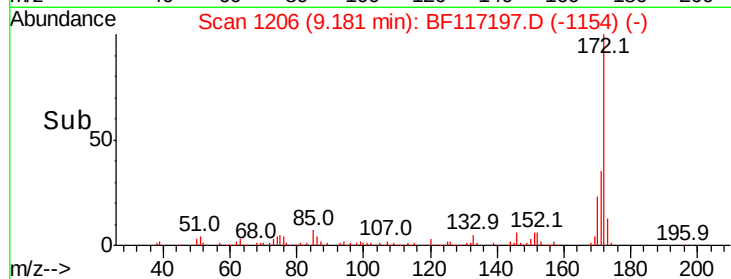
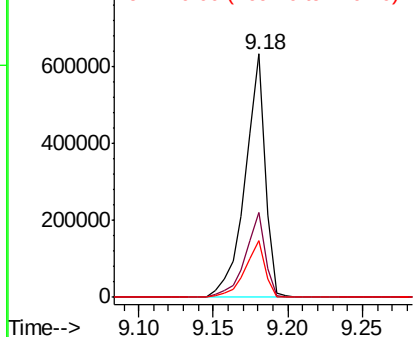


Abundance

Ion 172.00 (171.70 to 172.70): E

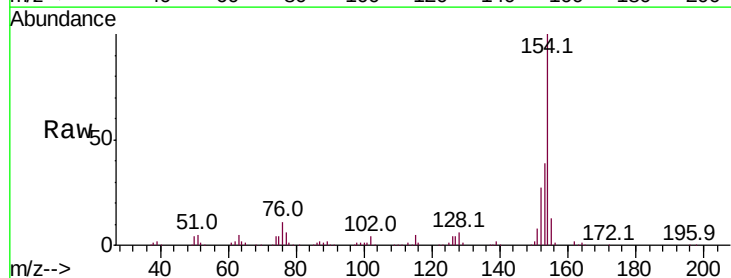
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 43.724 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	11.0	0.0	32.7

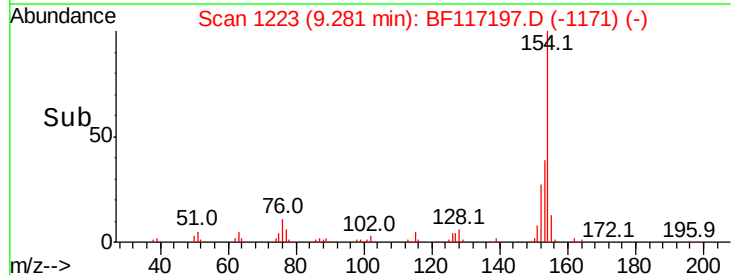
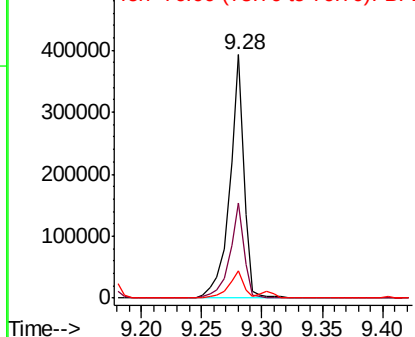


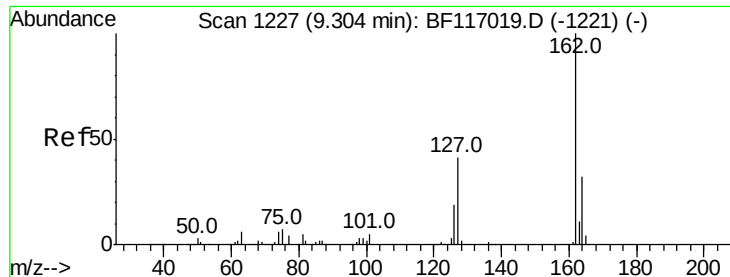
Abundance

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

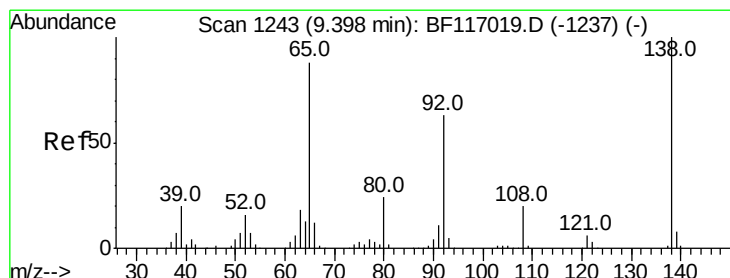
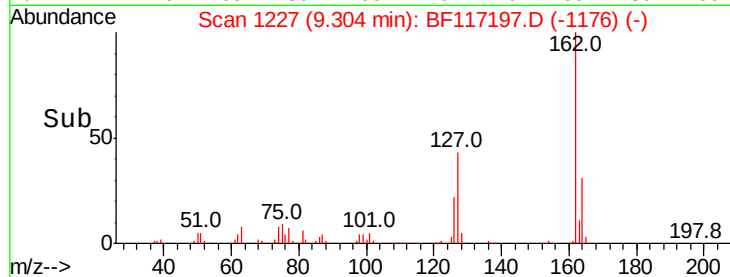
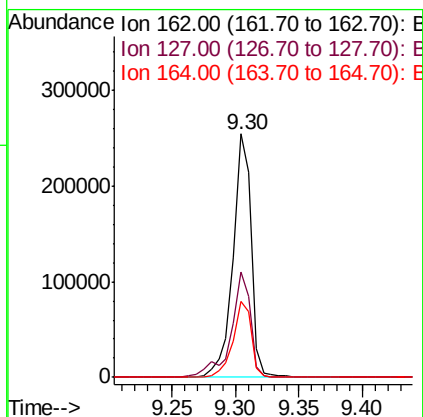
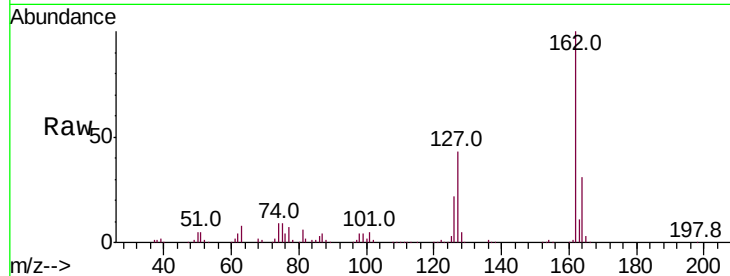




#47
 2-Chloronaphthalene
 Concen: 42.977 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

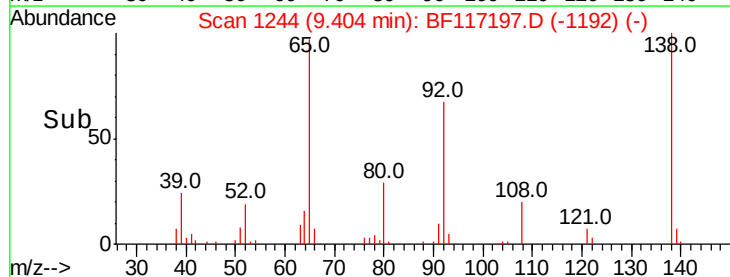
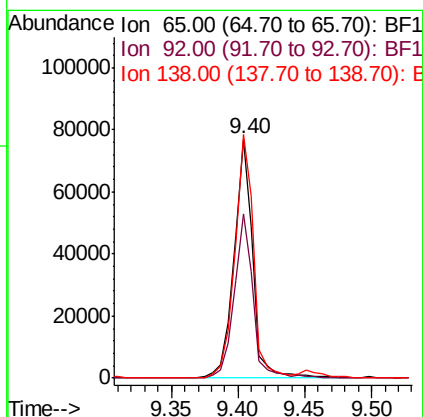
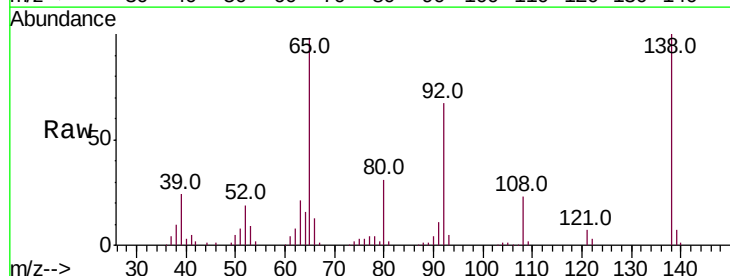
Instrument :
 BNA_F
 ClientSampleId :

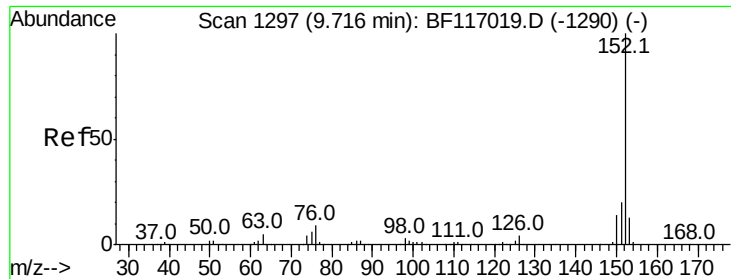
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.1	51.1
164	31.0	25.9	38.9



#48
 2-Nitroaniline
 Concen: 40.807 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	57.5	86.3
138	102.1	90.6	136.0





#49

Acenaphthylene

Concen: 44.194 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampled :

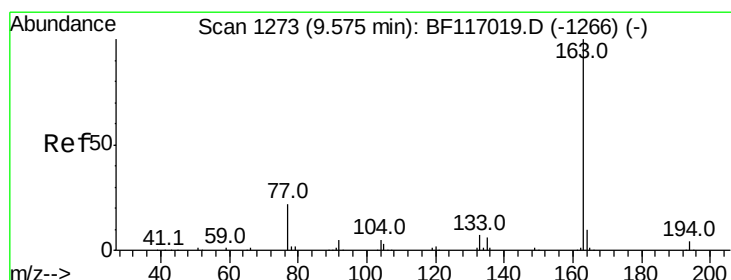
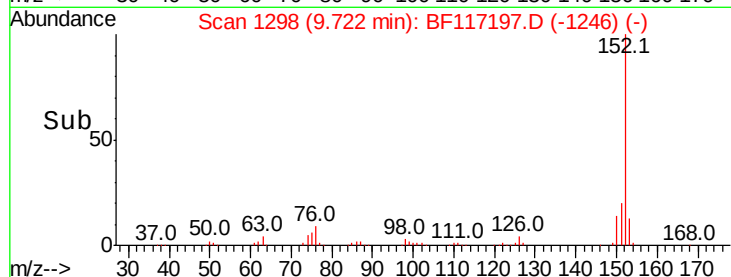
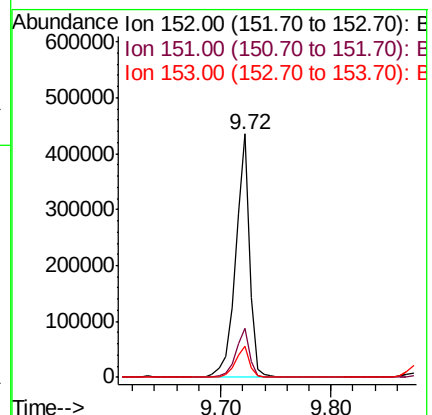
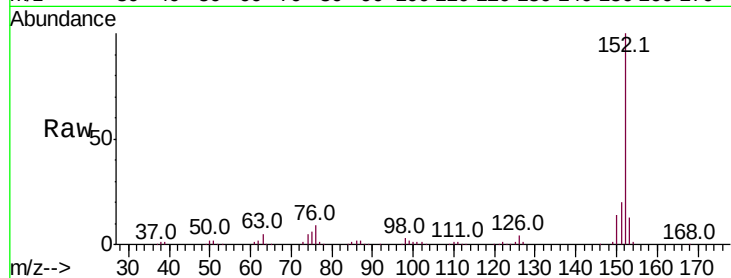
Tot Ion:152 Resp: 383644

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 44.802 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

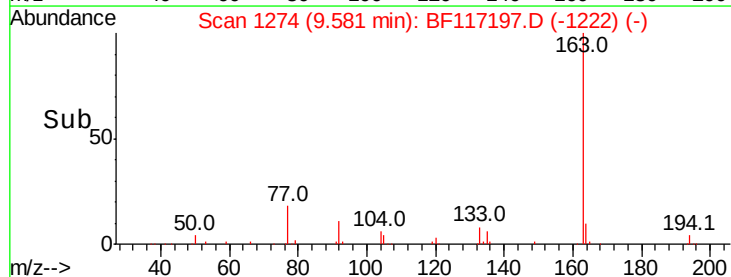
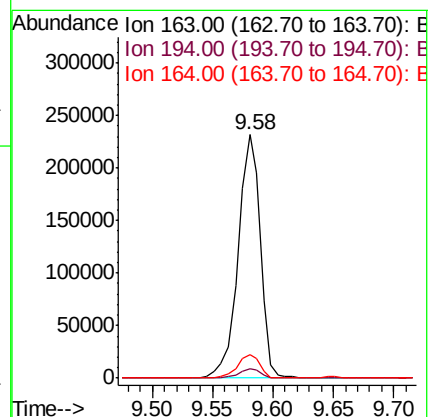
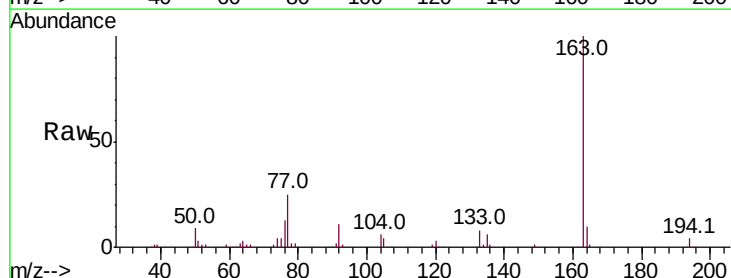
Tgt Ion:163 Resp: 296940

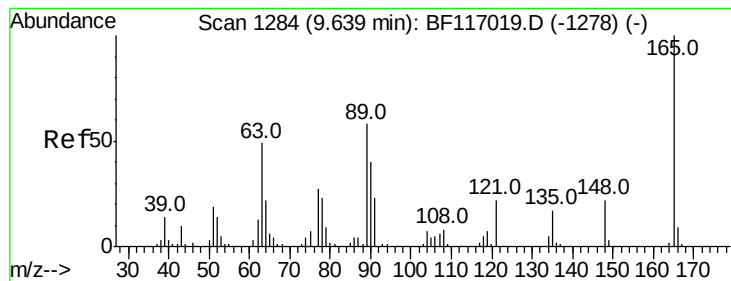
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 9.8 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 47.136 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampled :

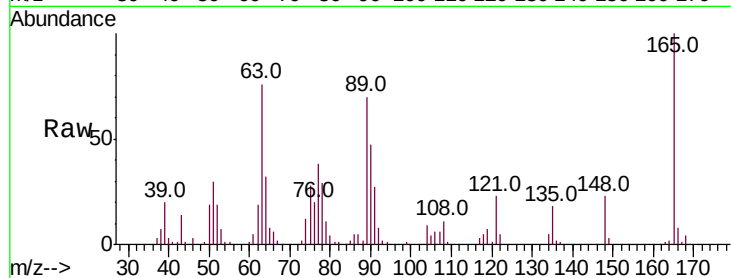
Tot Ion:165 Resp: 63627

Ion Ratio Lower Upper

165 100

63 76.4 41.8 62.8#

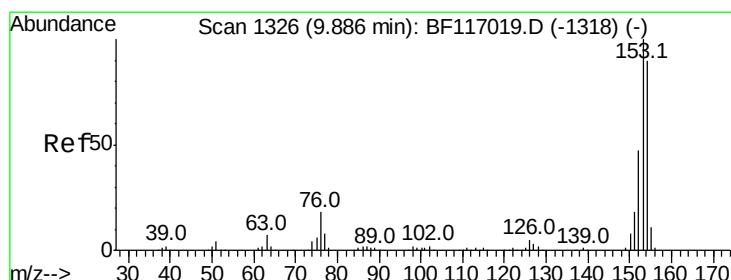
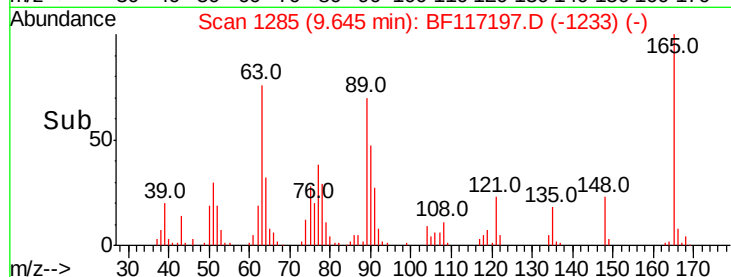
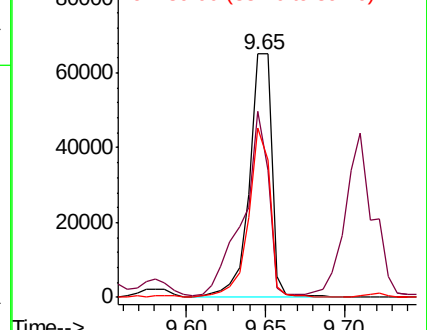
89 69.8 46.5 69.7#



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: 43.415 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

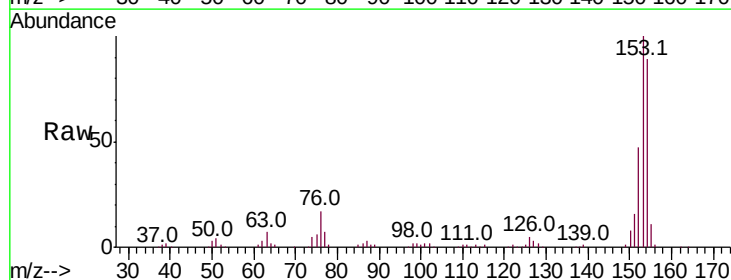
Tgt Ion:154 Resp: 223407

Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.6

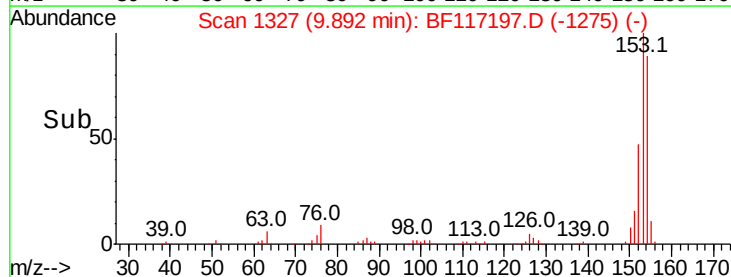
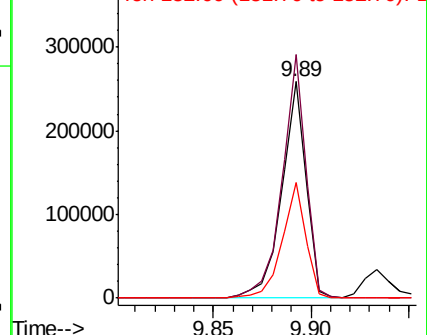
152 53.3 41.9 62.9

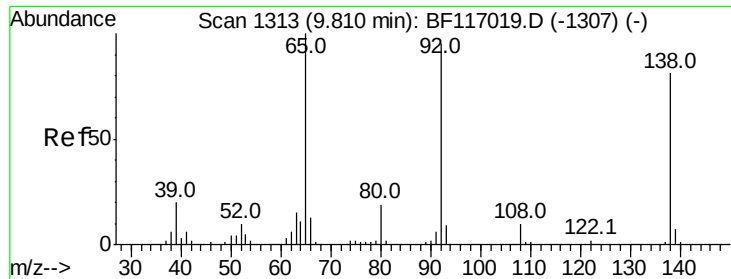


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

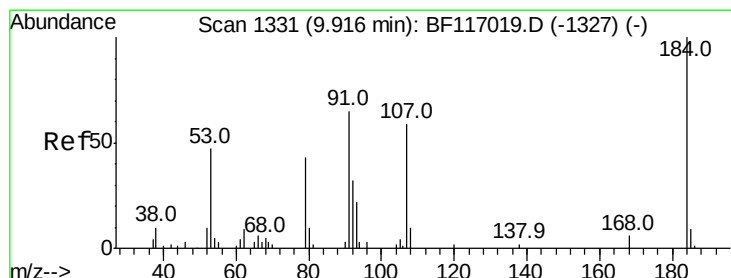
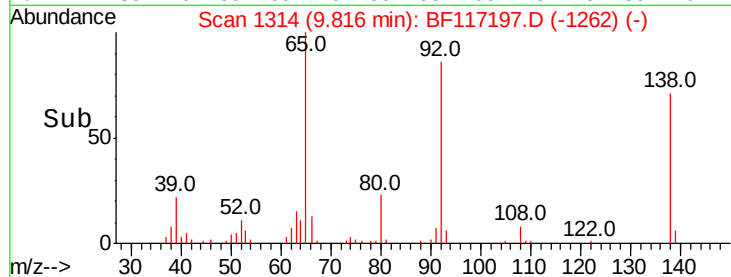
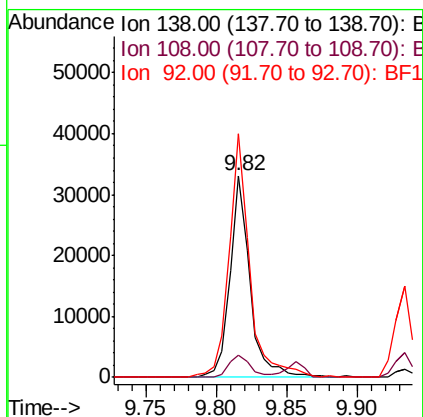
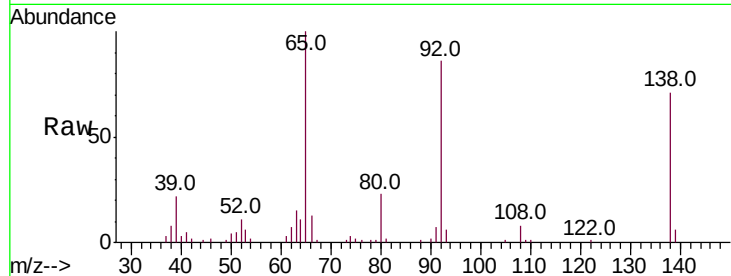




#53
 3-Nitroaniline
 Concen: 19.204 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

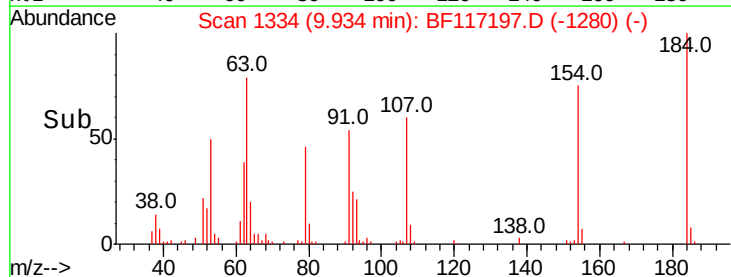
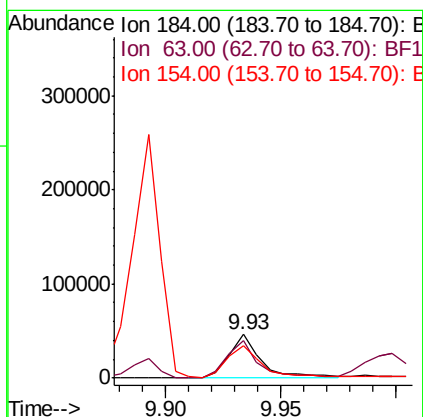
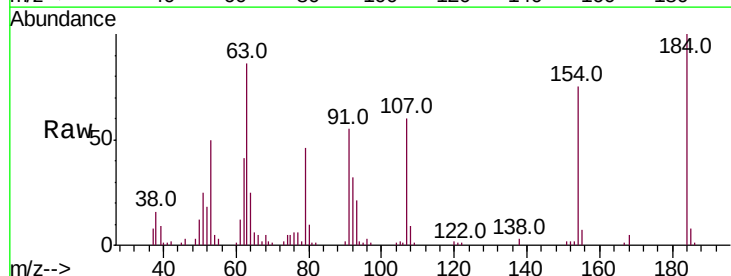
Instrument :
 BNA_F
 ClientSampled :

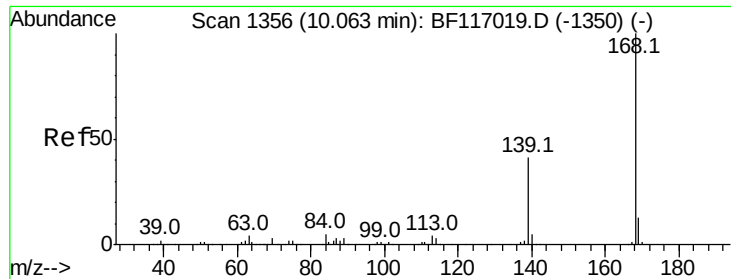
Tot Ion:138 Resp: 32706
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.5 14.3
 92 120.8 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 77.957 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:184 Resp: 45284
 Ion Ratio Lower Upper
 184 100
 63 85.6 63.8 95.6
 154 74.8 60.4 90.6

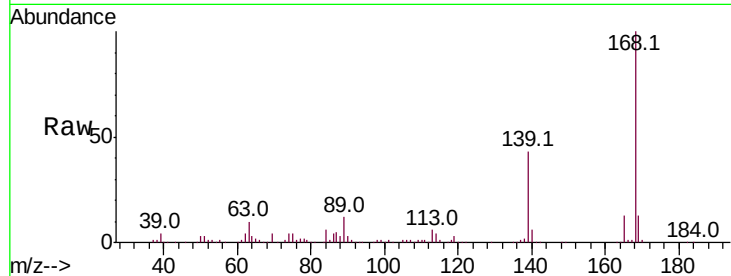




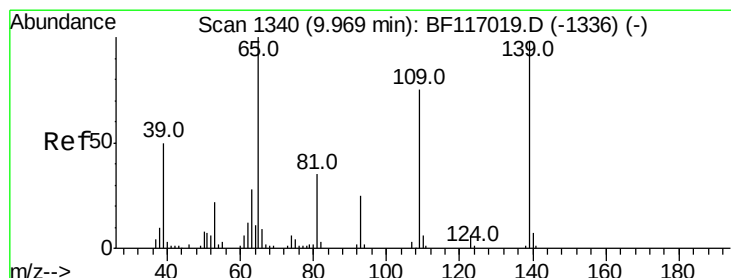
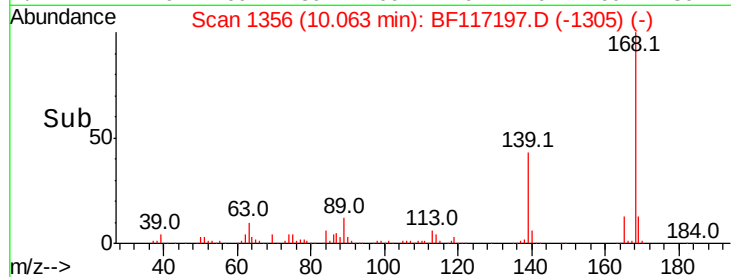
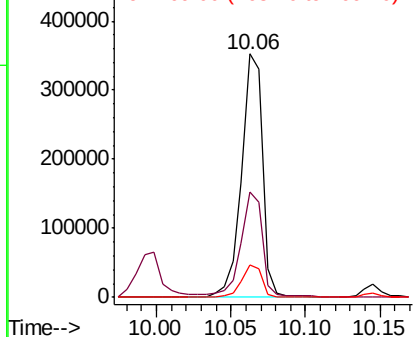
#55
Dibenzofuran
Concen: 45.658 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 346650
Ion Ratio Lower Upper
168 100
139 43.2 32.8 49.2
169 13.1 10.5 15.7

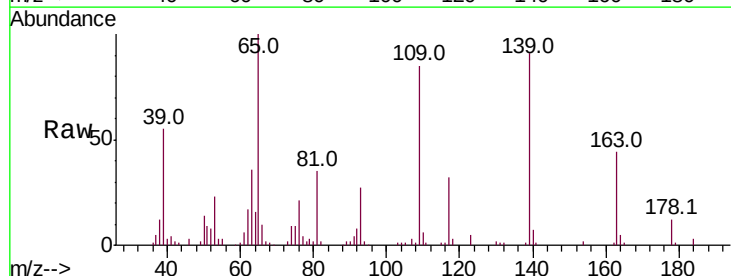


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

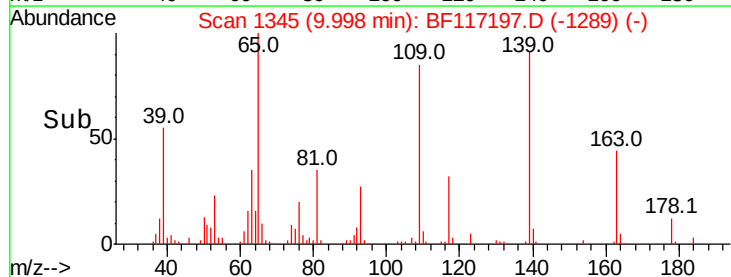
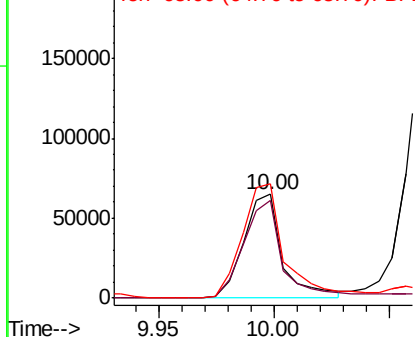


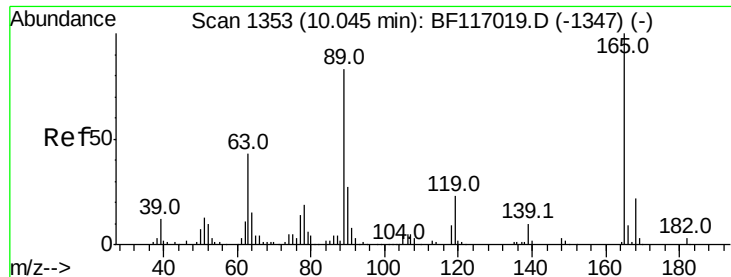
#56
4-Nitrophenol
Concen: 68.859 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:139 Resp: 76007
Ion Ratio Lower Upper
139 100
109 93.4 56.4 96.4
65 109.6 82.5 122.5



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

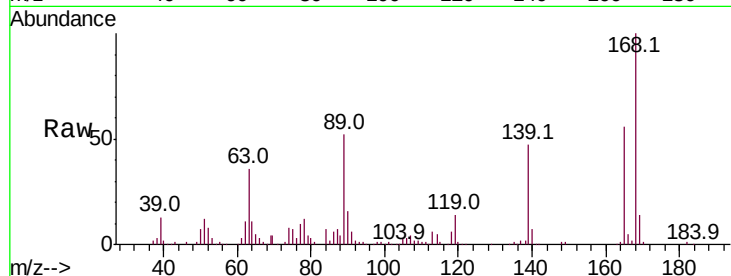




#57
2,4-Dinitrotoluene
Concen: 46.829 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.9	35.0	52.4
89	93.0	66.1	99.1
182	2.7	2.0	3.0



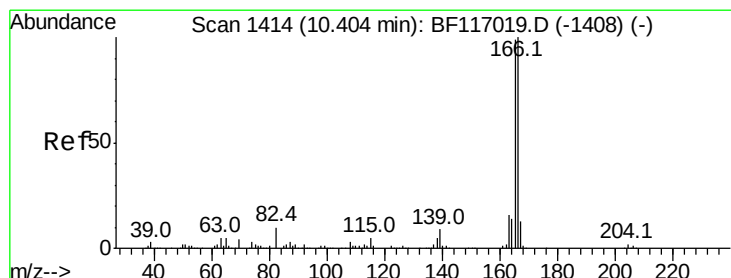
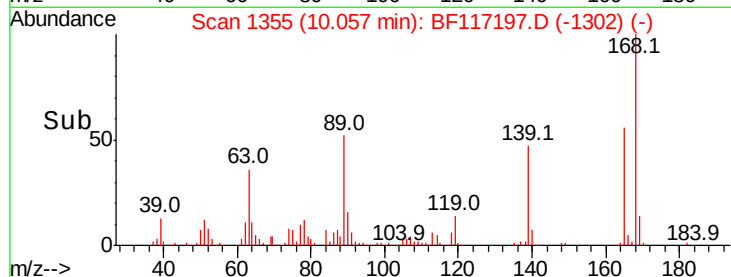
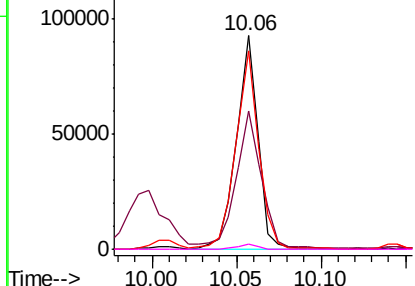
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

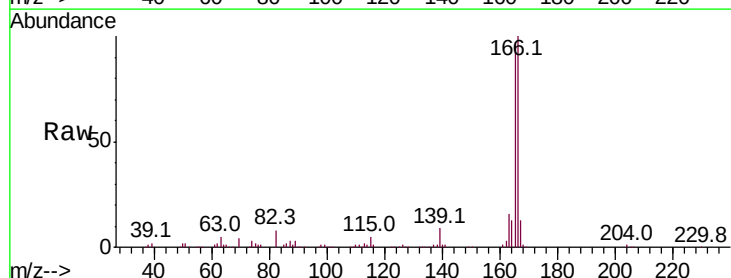
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.173 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.9	118.3
167	12.9	10.6	15.8

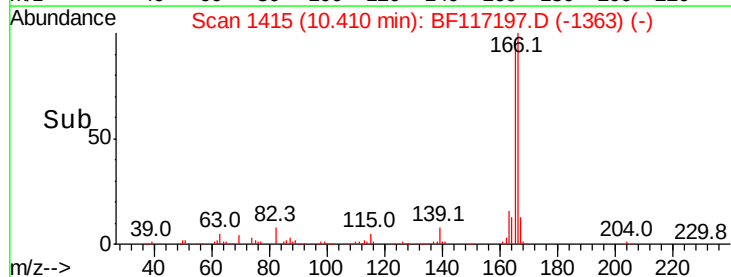
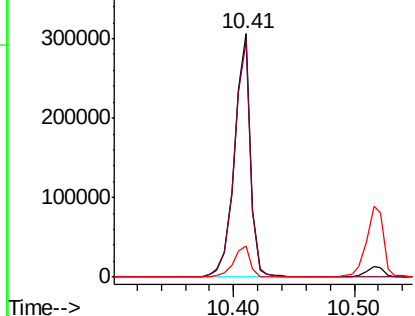


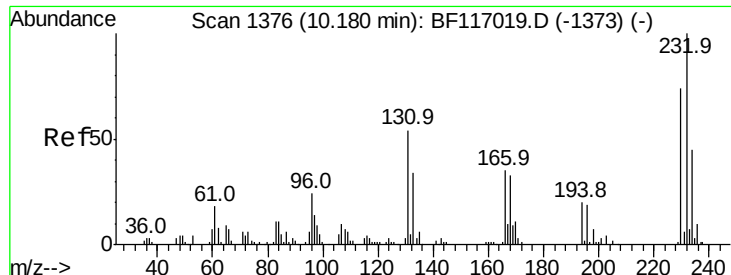
Abundance

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

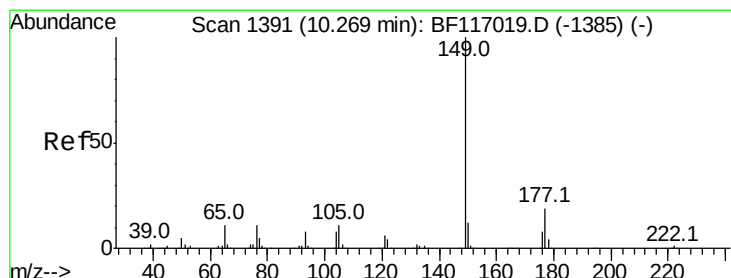
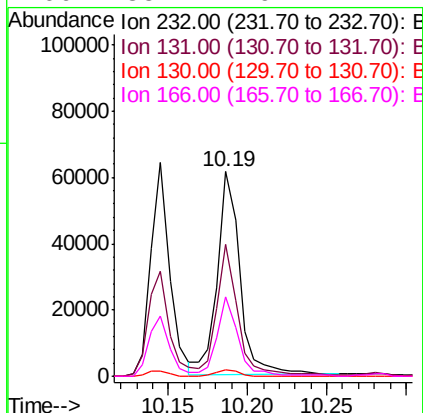
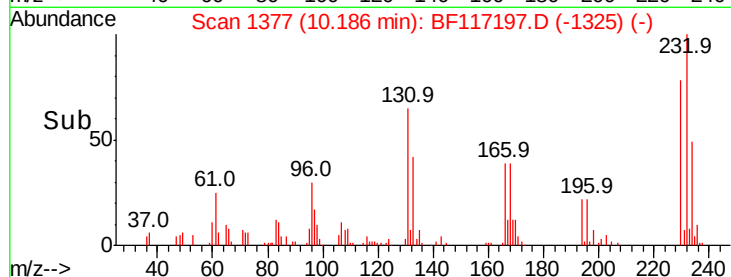
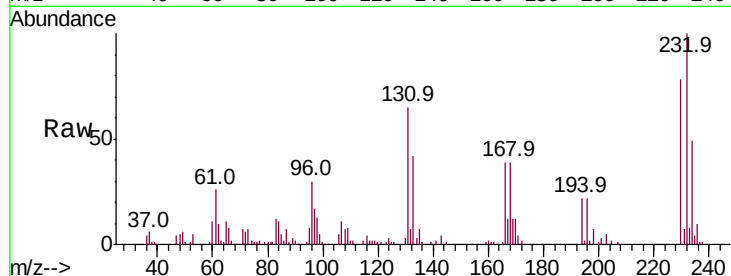




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.227 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

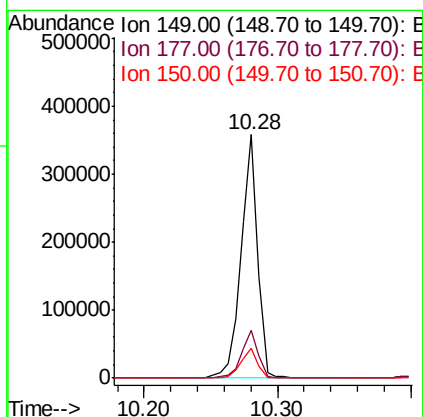
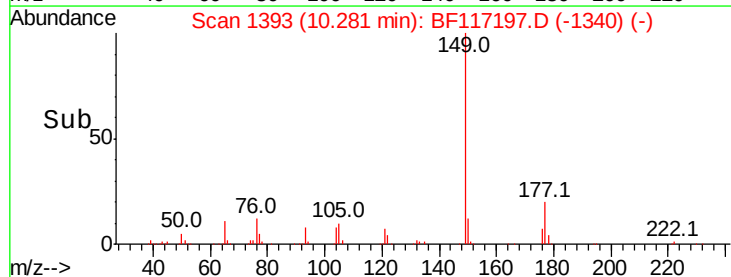
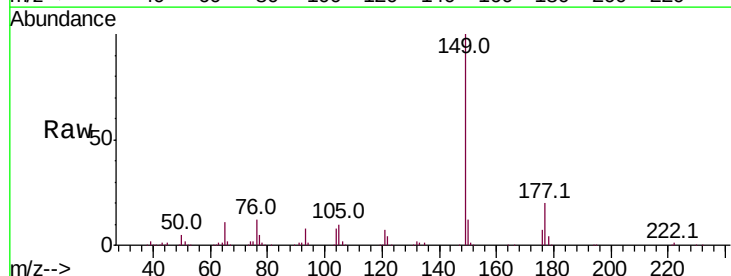
Instrument :
 BNA_F
 ClientSampleId :

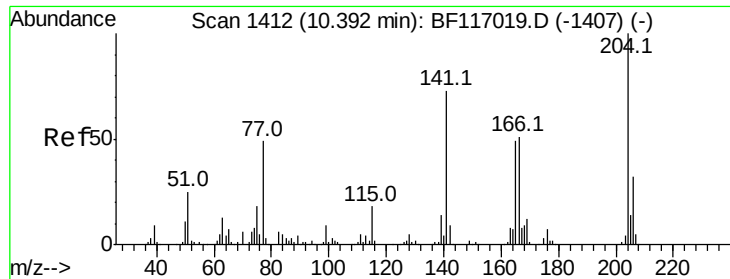
Tot Ion	Ratio	Lower	Upper
232	100		
131	62.2	45.3	67.9
130	3.3	1.8	2.8
166	35.7	29.4	44.2



#60
 Diethylphthalate
 Concen: 47.451 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.2	22.8
150	12.3	9.9	14.9

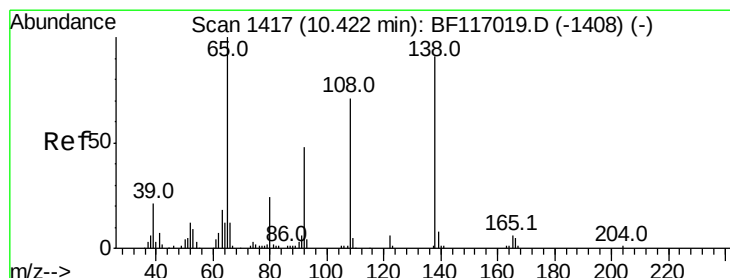
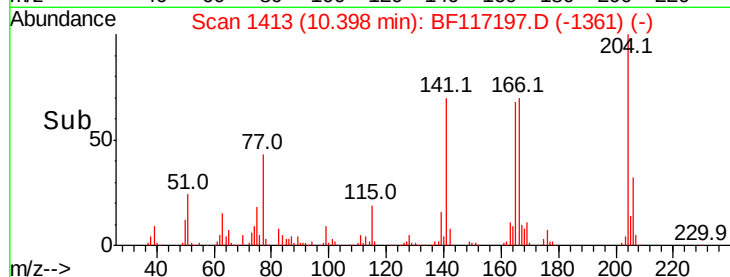
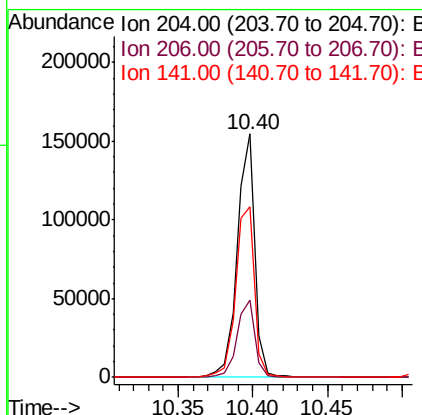
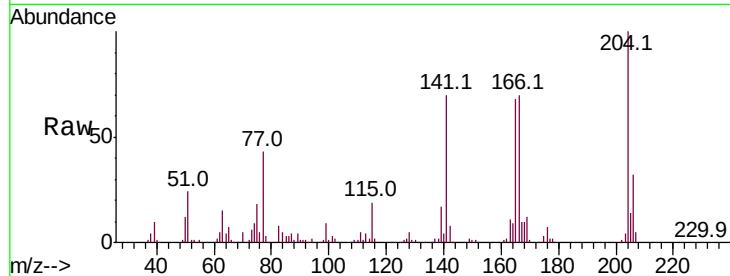




#61
4-Chlorophenyl-phenylether
Concen: 48.345 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

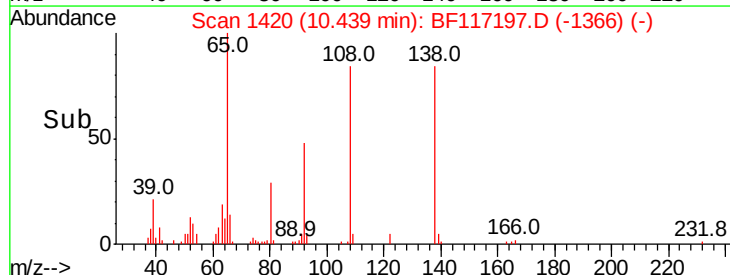
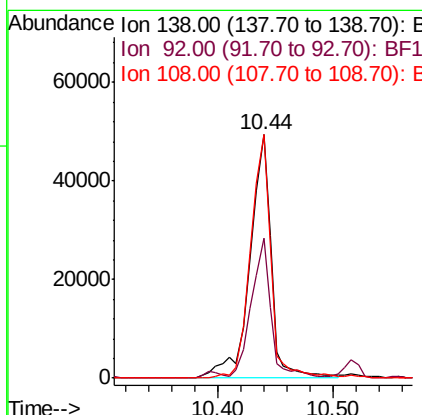
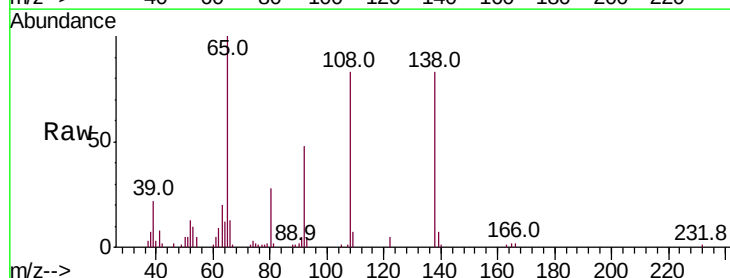
Instrument :
BNA_F
ClientSampled :

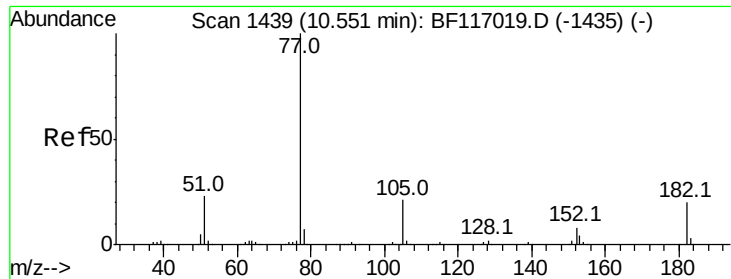
Tot Ion:204 Resp: 127929
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 69.9 58.2 87.2



#62
4-Nitroaniline
Concen: 35.939 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:138 Resp: 63654
Ion Ratio Lower Upper
138 100
92 57.6 32.9 72.9
108 100.2 58.3 98.3#

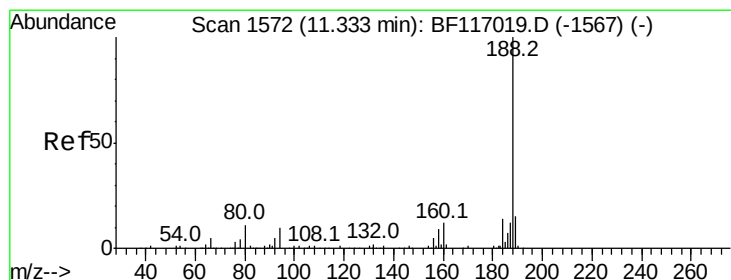
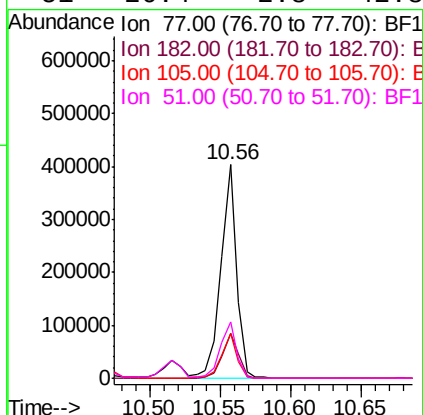
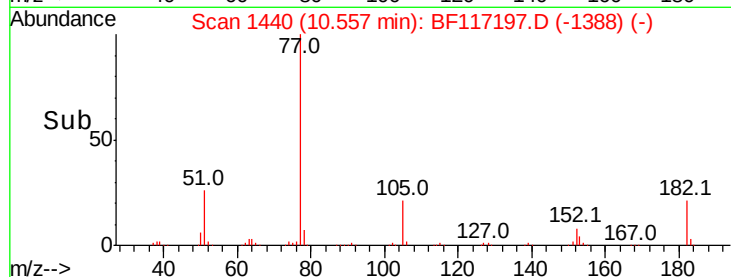
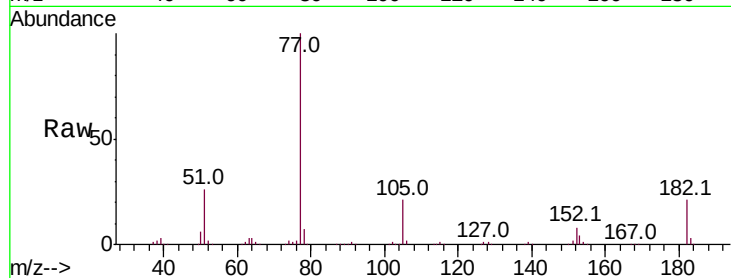




#63
Azobenzene
Concen: 46.786 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

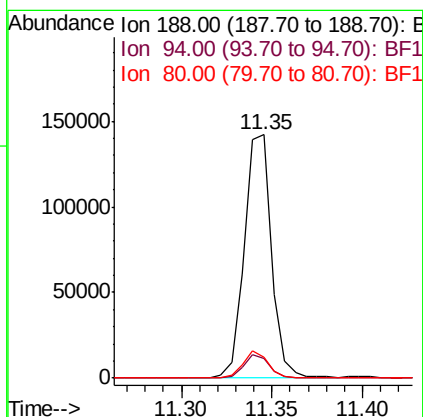
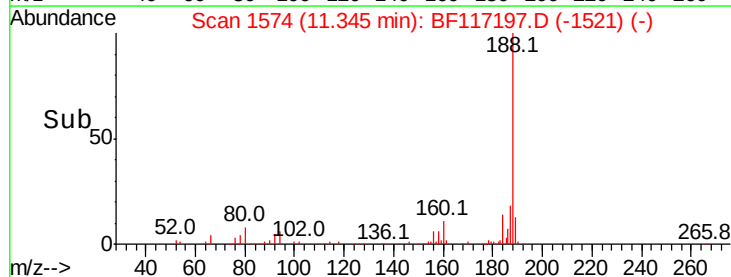
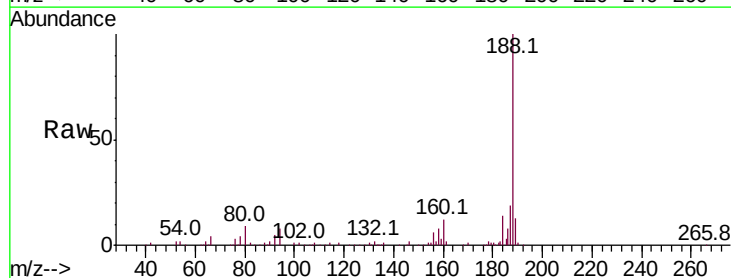
Instrument :
BNA_F
ClientSampleId :

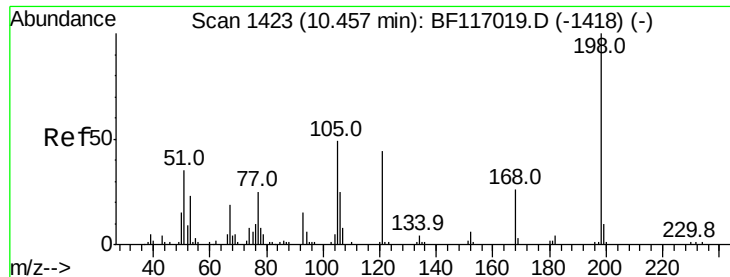
Tot Ion:	77	Resp:	311579
Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.4	40.4
105	21.1	0.9	40.9
51	26.4	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:	188	Resp:	147463
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.7	9.0	13.6#

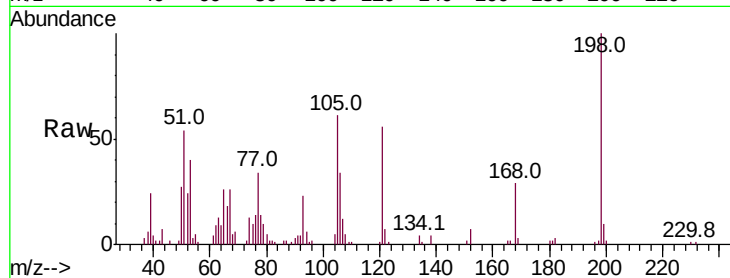




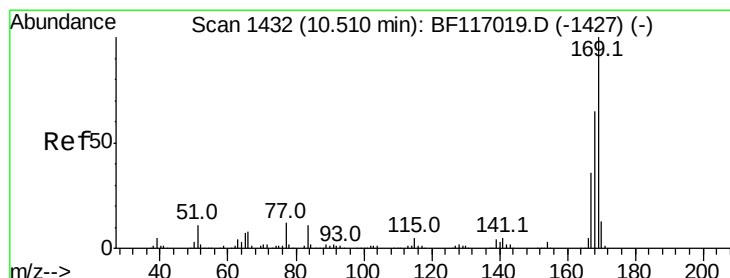
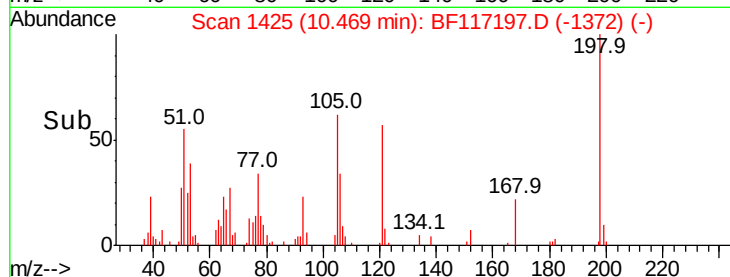
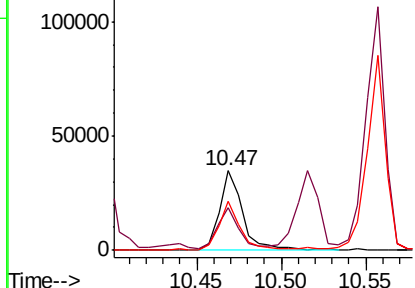
#65
4,6-Dinitro-2-methylphenol
Concen: 49.799 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 33663
Ion Ratio Lower Upper
198 100
51 54.5 18.7 58.7
105 61.0 30.2 70.2

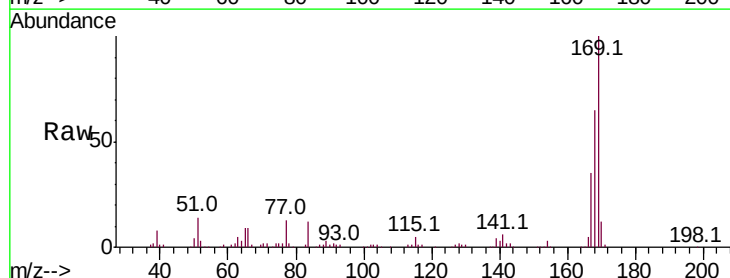


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

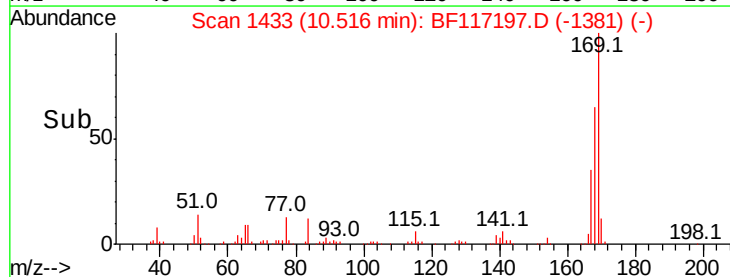
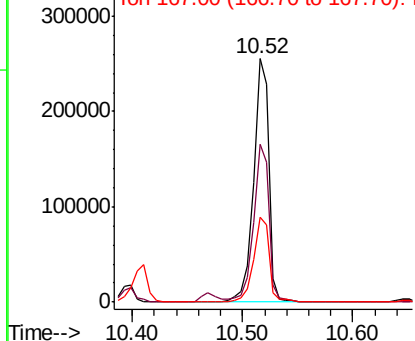


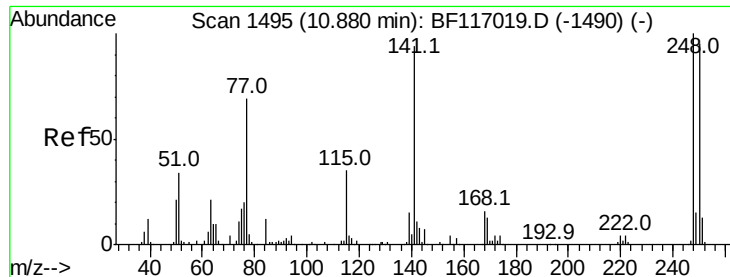
#66
n-Nitrosodiphenylamine
Concen: 48.764 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:169 Resp: 248345
Ion Ratio Lower Upper
169 100
168 64.9 52.2 78.2
167 34.8 28.8 43.2



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

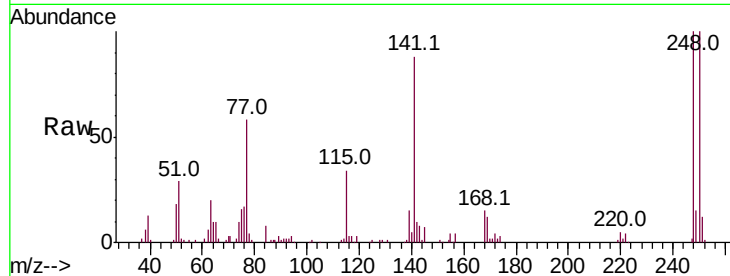




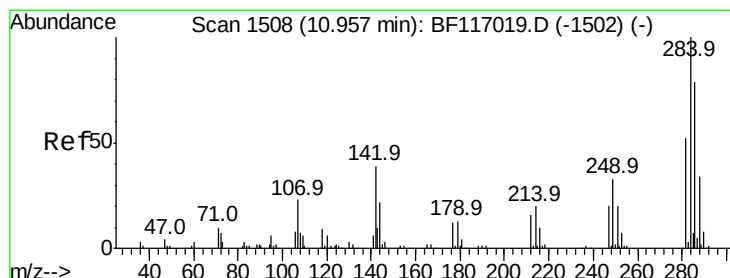
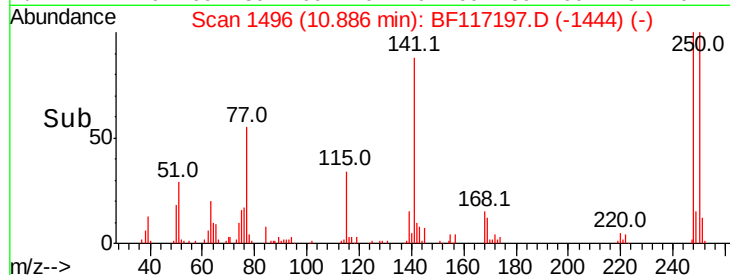
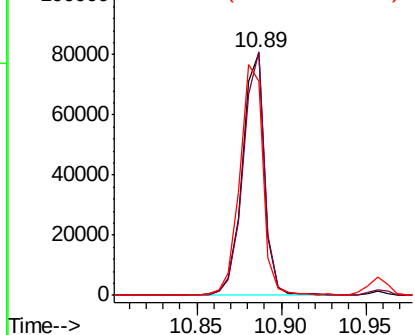
#67
 4-Bromophenyl-phenylether
 Concen: 48.850 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 73565
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.2 114.4
 141 88.4 75.0 112.4

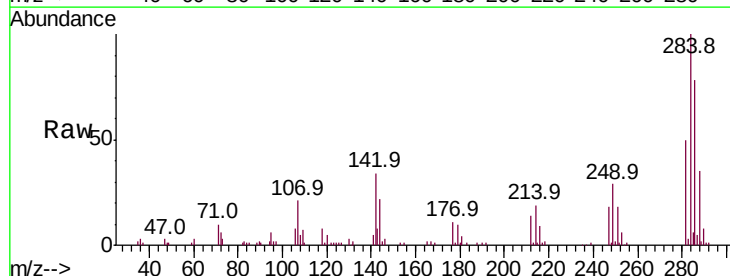


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

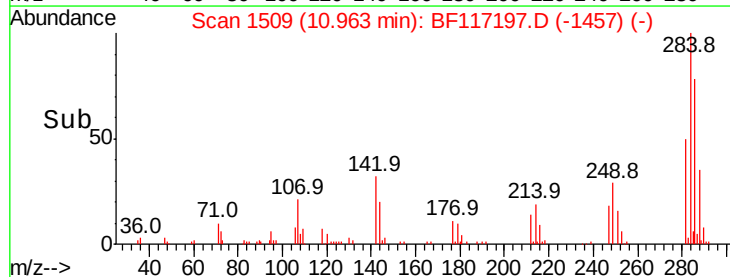
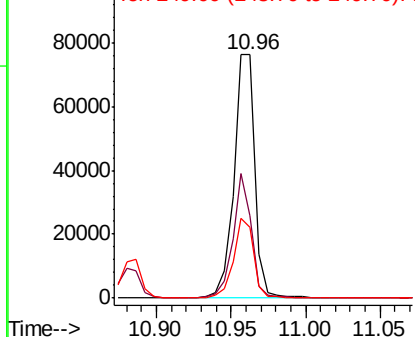


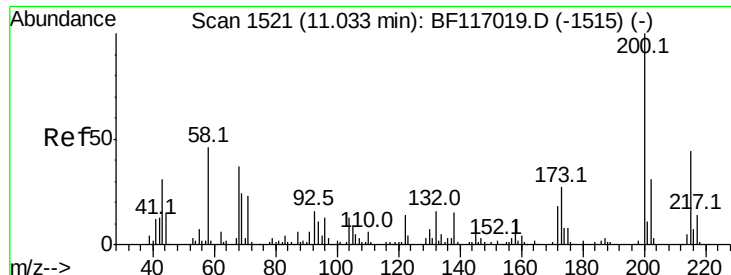
#68
 Hexachlorobenzene
 Concen: 45.902 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:284 Resp: 75607
 Ion Ratio Lower Upper
 284 100
 142 33.8 31.4 47.2
 249 29.2 26.5 39.7



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

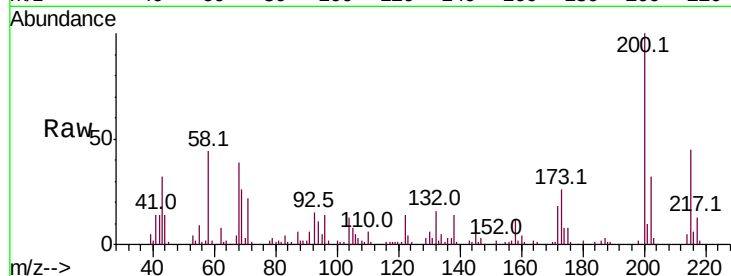




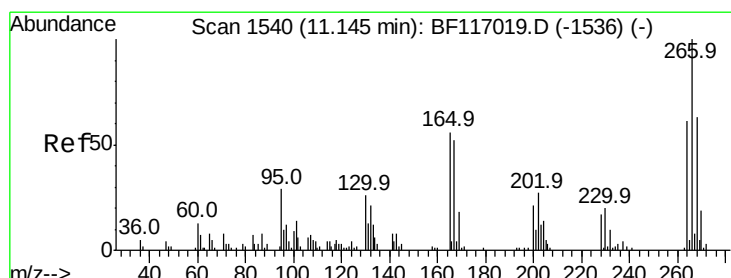
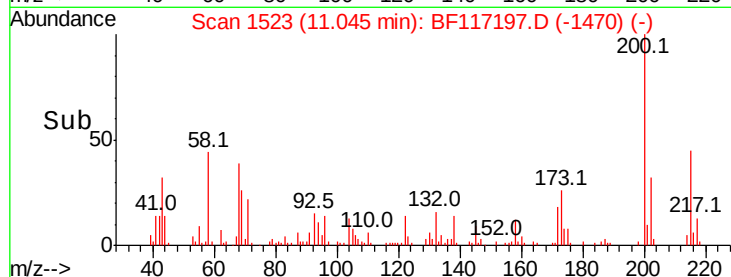
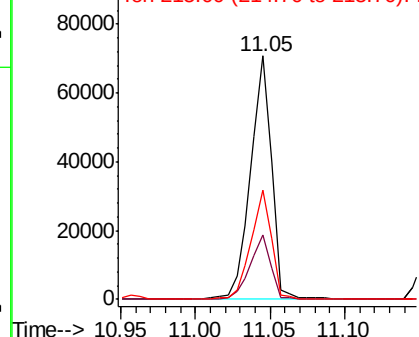
#69
 Atrazine
 Concen: 58.990 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 68726
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.9 46.9
 215 44.6 23.8 63.8

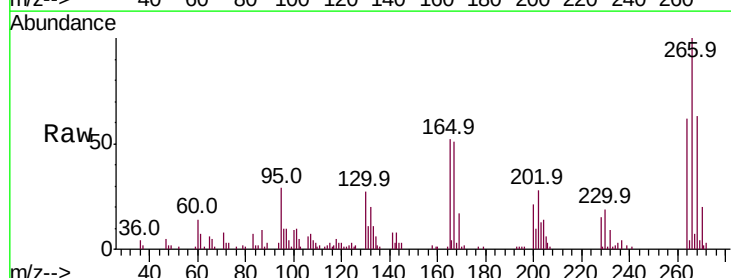


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

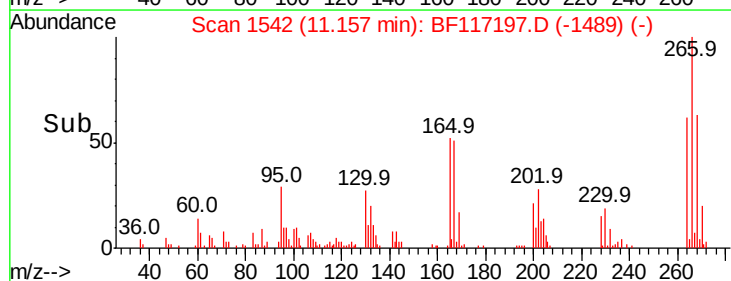
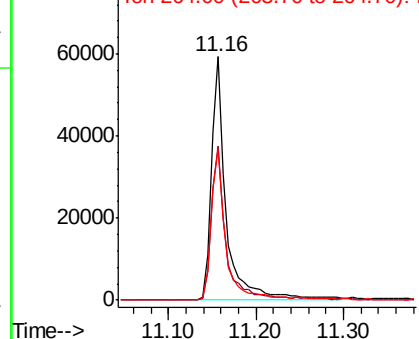


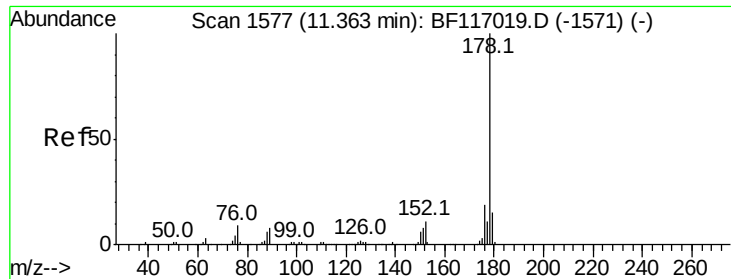
#70
 Pentachlorophenol
 Concen: 90.645 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:266 Resp: 69987
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.5 75.7
 264 62.4 48.8 73.2



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: 45.474 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampled :

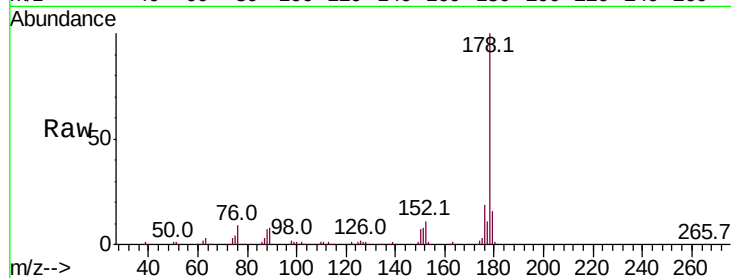
Tot Ion:178 Resp: 380880

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

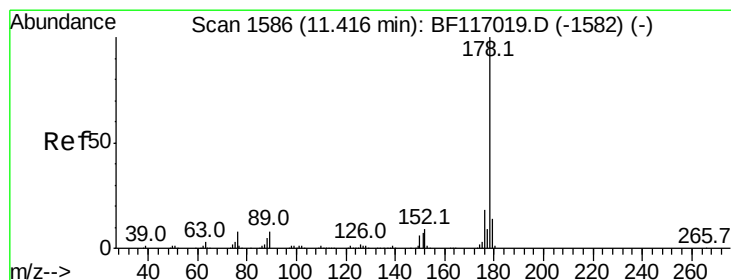
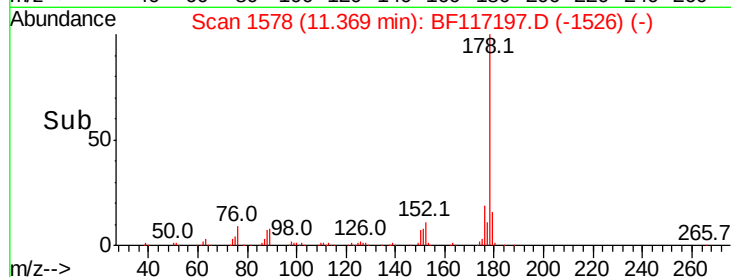
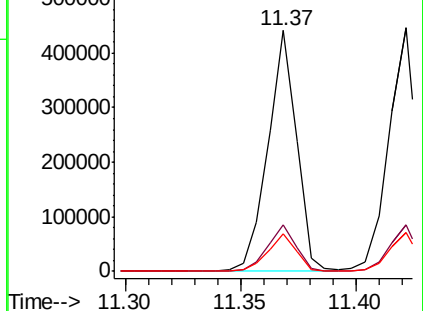
179 15.6 12.4 18.6



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: 45.772 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

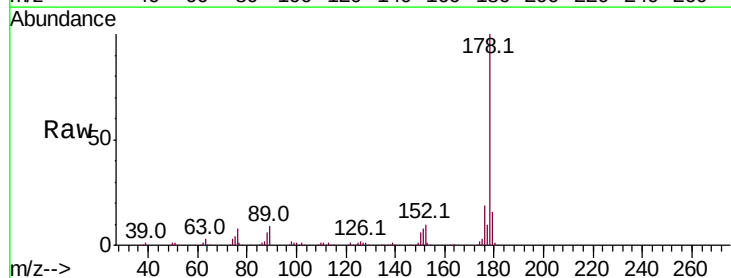
Tgt Ion:178 Resp: 391402

Ion Ratio Lower Upper

178 100

176 19.2 14.6 21.8

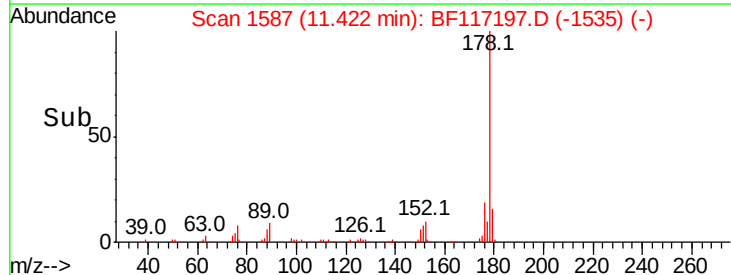
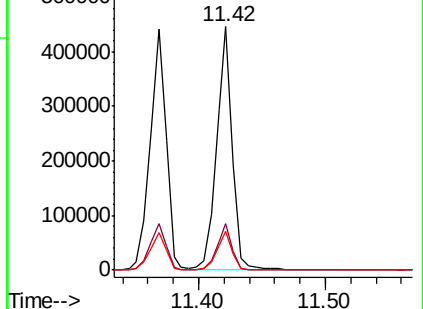
179 16.0 11.6 17.4

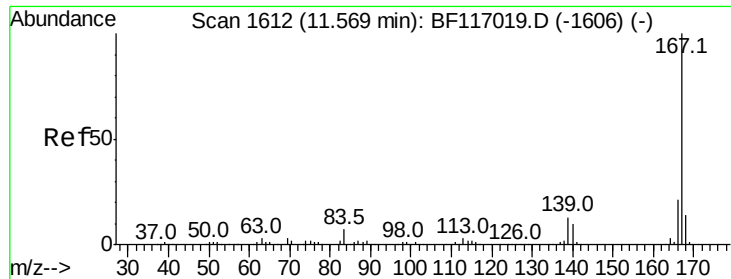


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

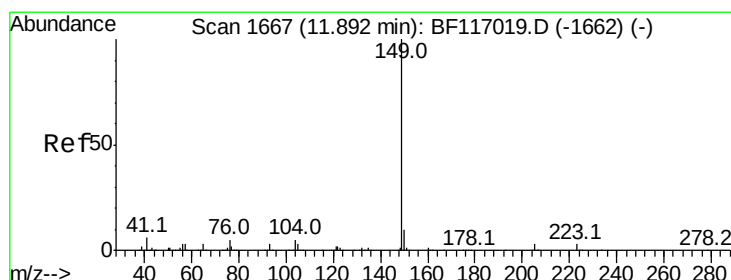
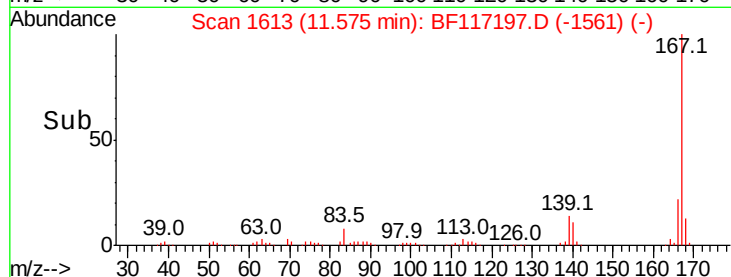
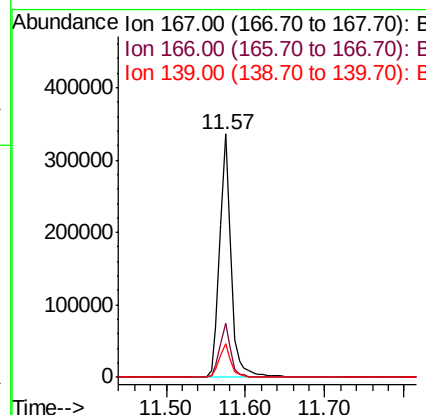
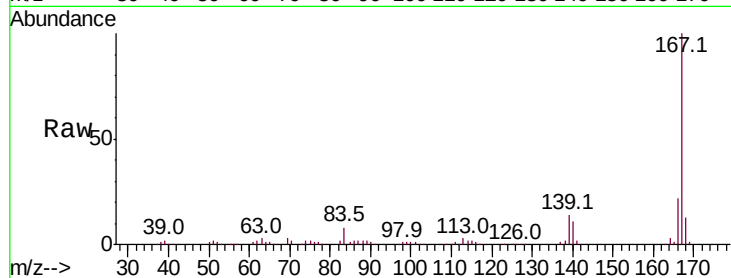




#73
 Carbazole
 Concen: 41.884 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

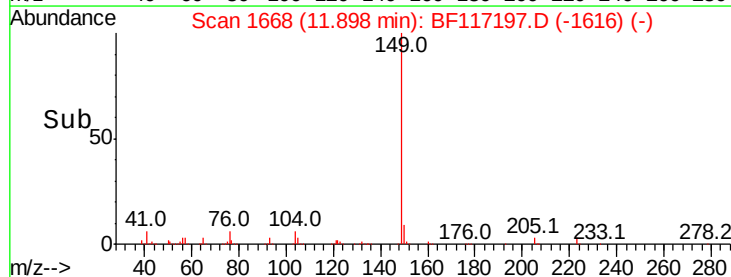
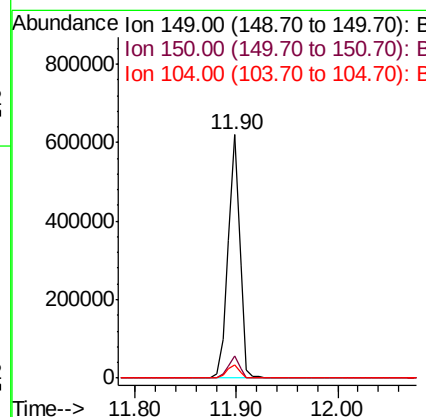
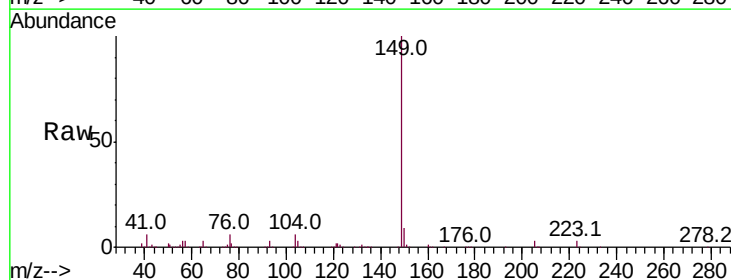
Instrument :
 BNA_F
 ClientSampleId :

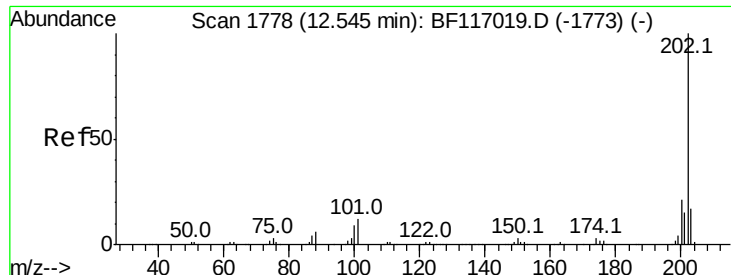
Tot Ion:167 Resp: 339964
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 51.503 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion:149 Resp: 497367
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 5.7 4.2 6.4

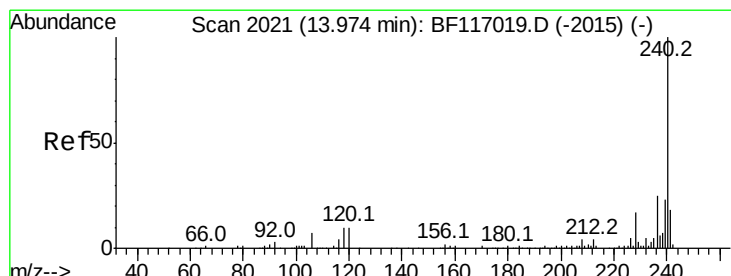
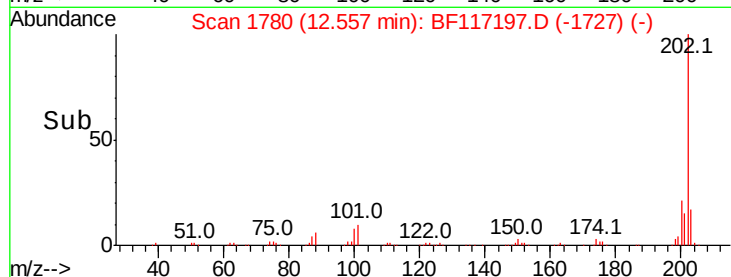
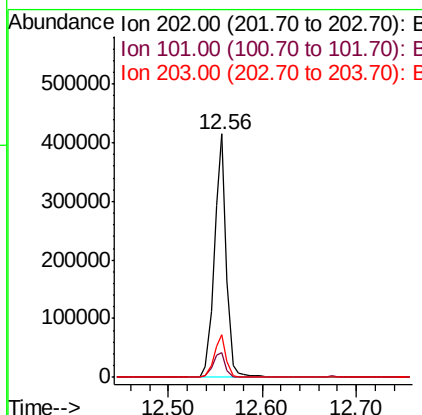
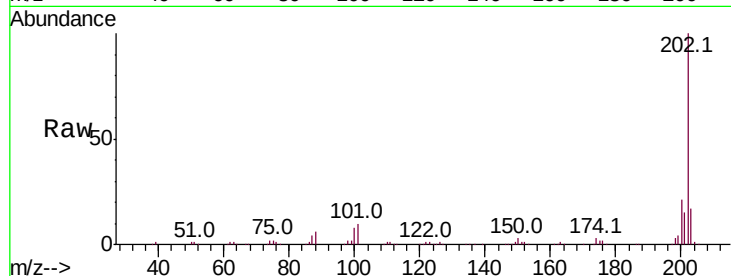




#75
 Fluoranthene
 Concen: 43.211 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

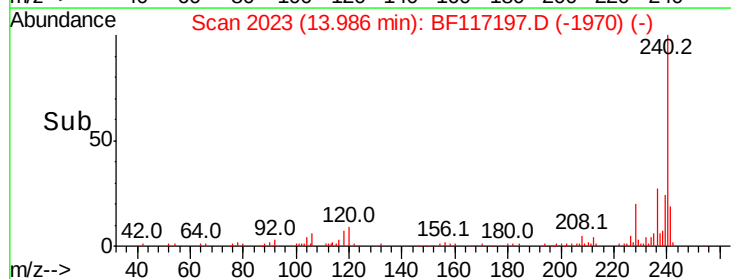
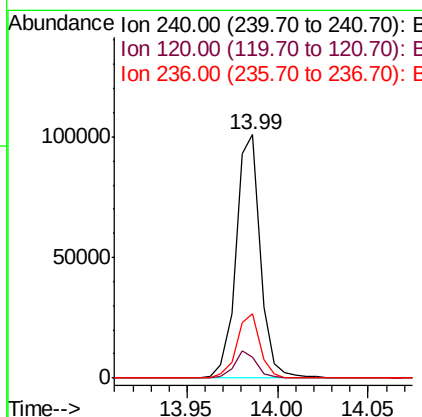
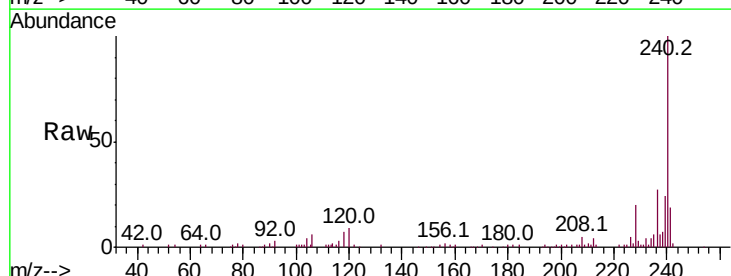
Instrument :
 BNA_F
 ClientSampled :

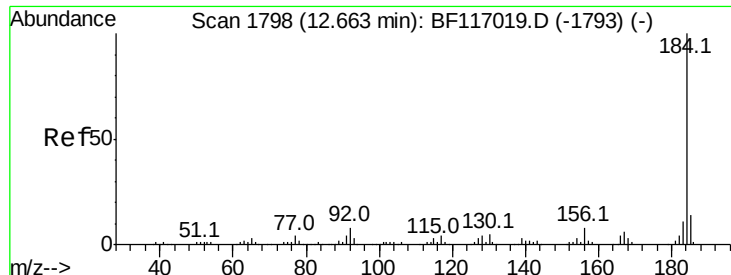
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.3
203	17.5	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117197.D
 Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	26.7	20.3	30.5

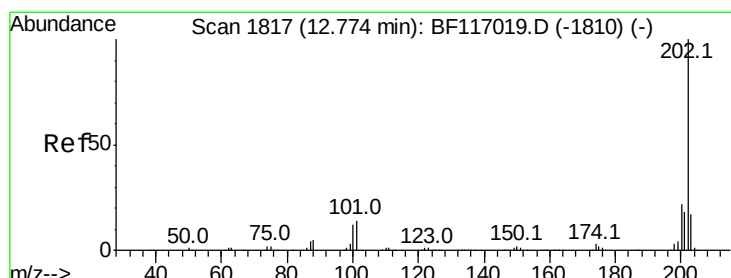
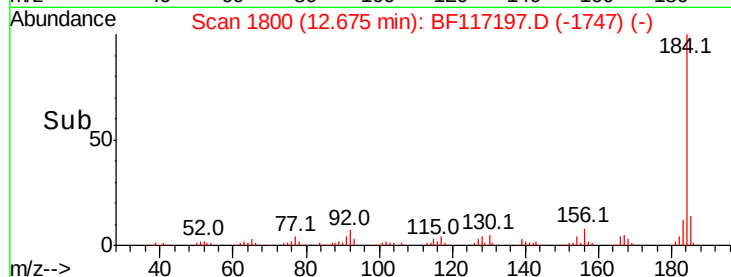
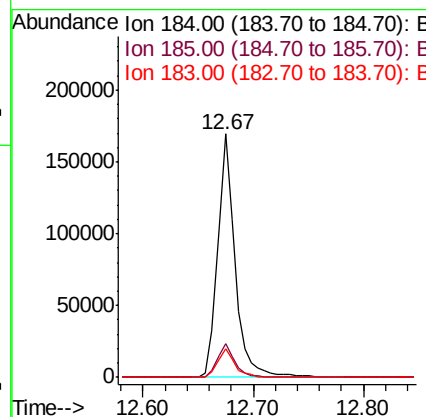
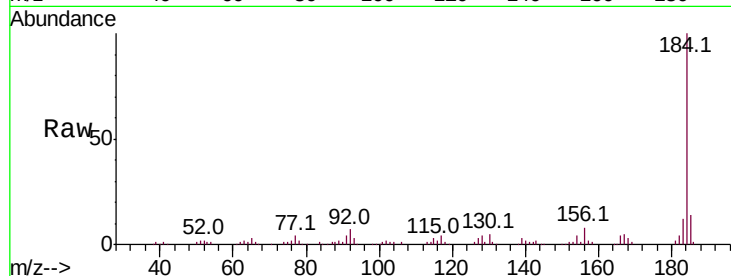




#77
Benzidine
Concen: 60.676 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

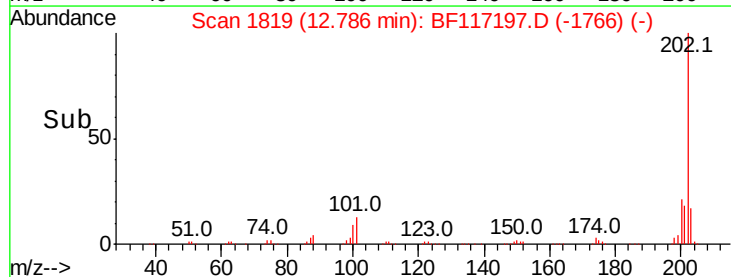
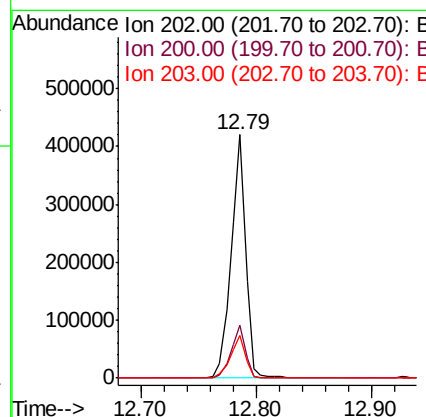
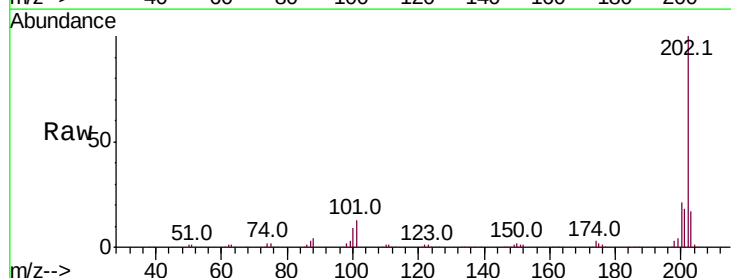
Instrument :
BNA_F
ClientSampleId :

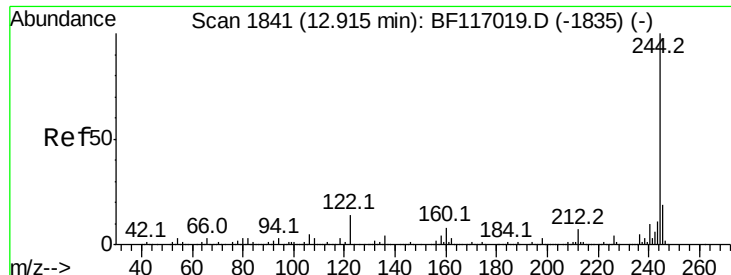
Tot Ion:184 Resp: 184086
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 12.0 9.0 13.4



#78
Pyrene
Concen: 46.345 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:202 Resp: 366257
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 110.892 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

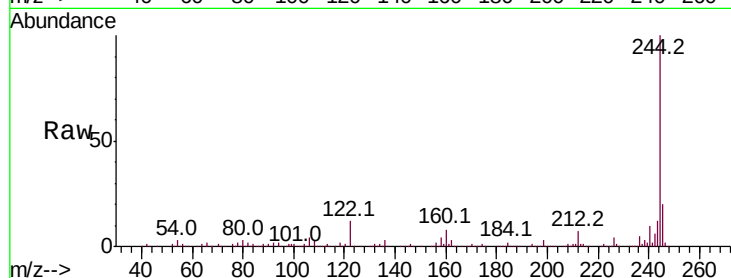
Tot Ion:244 Resp: 558753

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

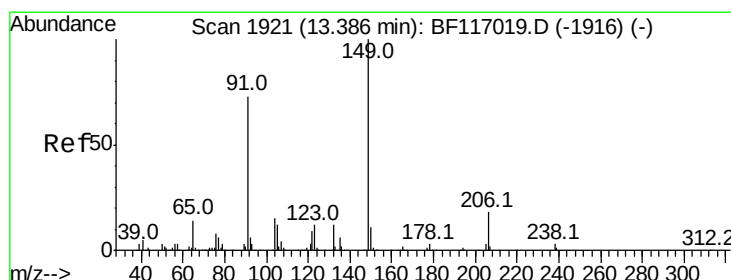
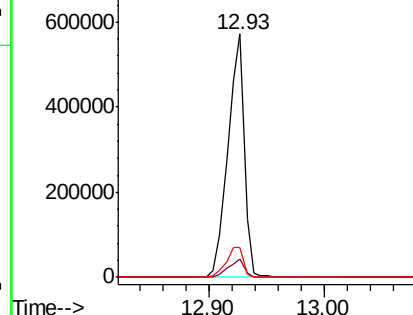
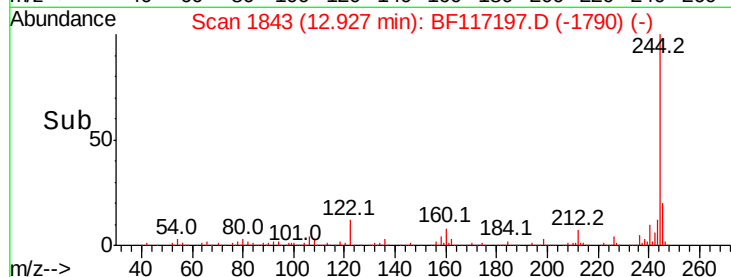
122 12.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.889 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

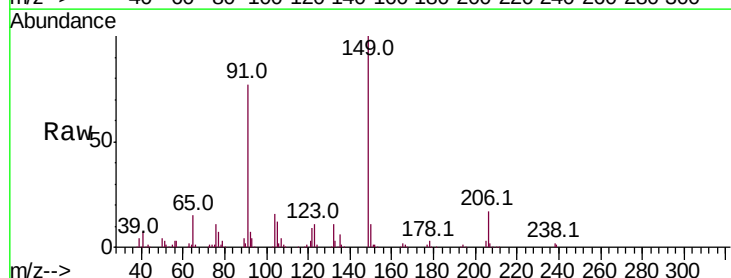
Tgt Ion:149 Resp: 190030

Ion Ratio Lower Upper

149 100

91 77.1 58.8 88.2

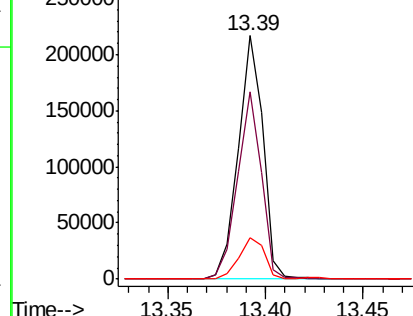
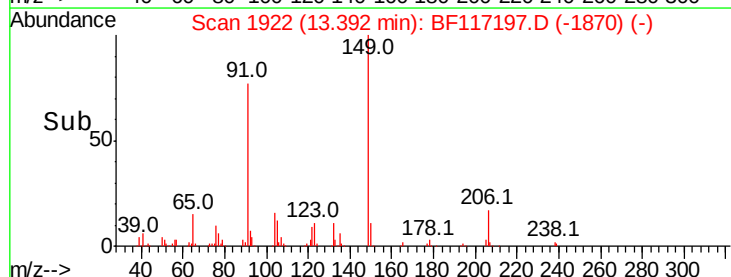
206 17.1 14.1 21.1

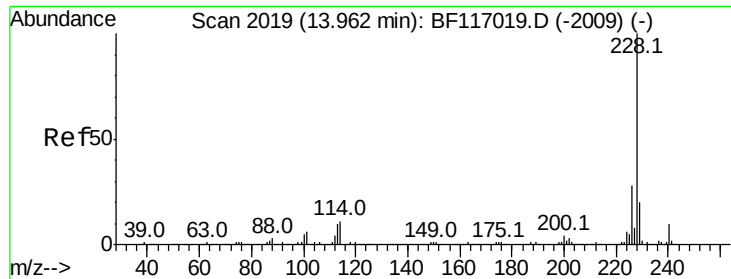


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

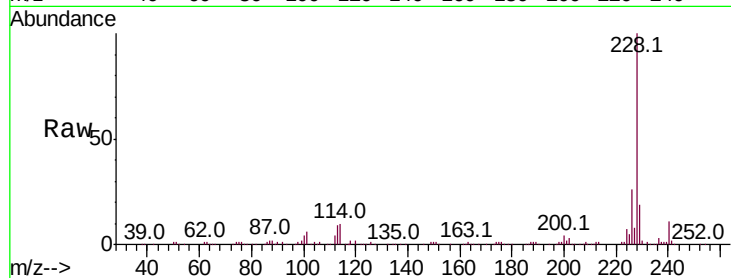




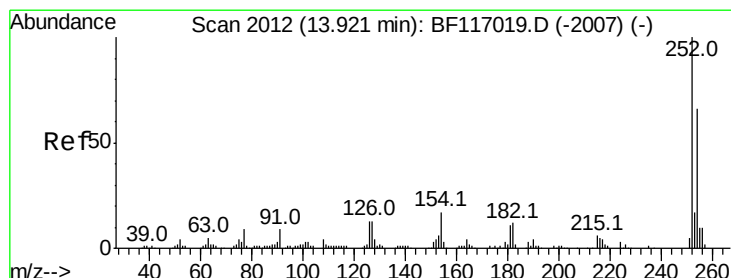
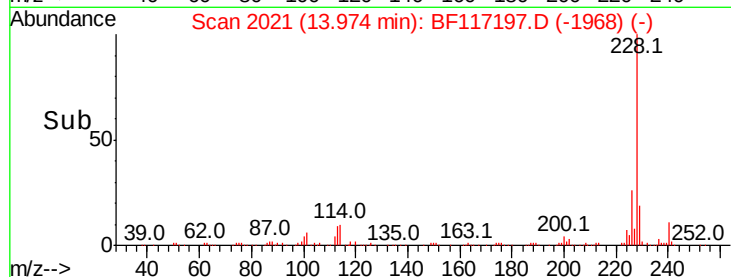
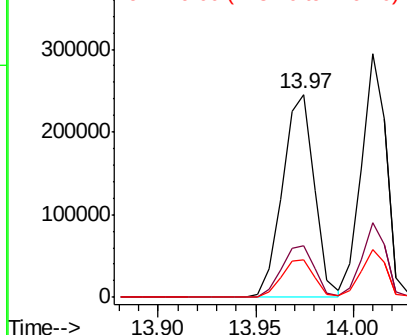
#81
Benzo(a)anthracene
Concen: 44.129 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.3	33.5
229	18.7	15.9	23.9

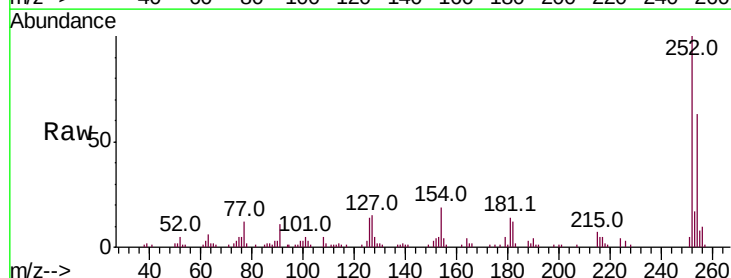


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

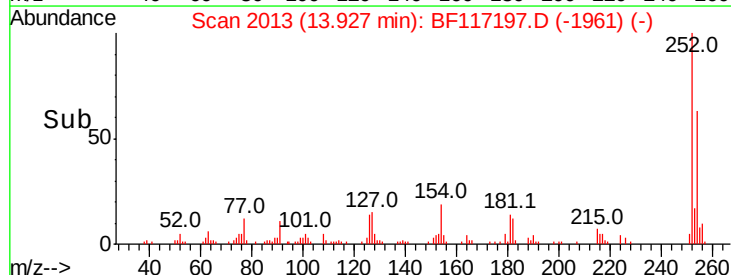
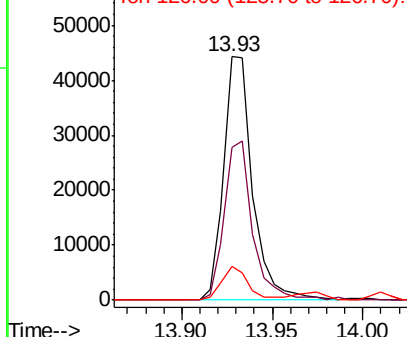


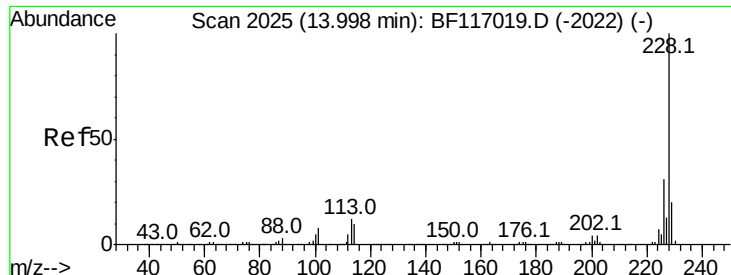
#82
3,3'-Dichlorobenzidine
Concen: 24.391 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.6	79.0
126	13.9	10.4	15.6



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: 43.151 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

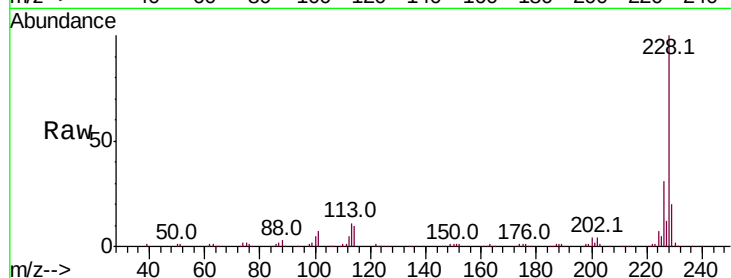
Tot Ion:228 Resp: 264831

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

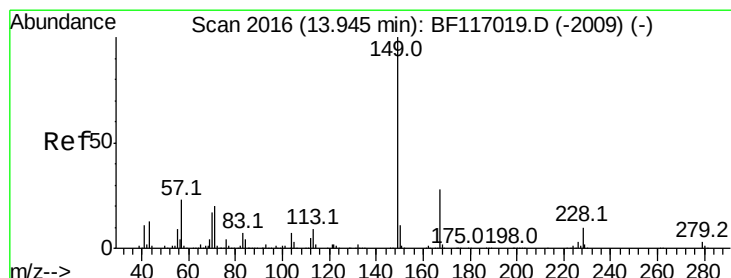
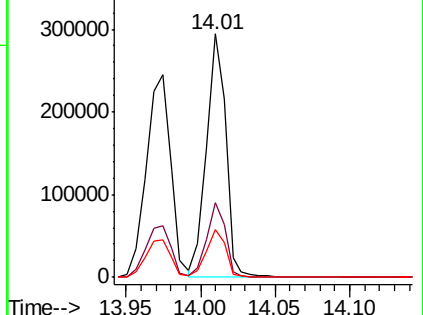
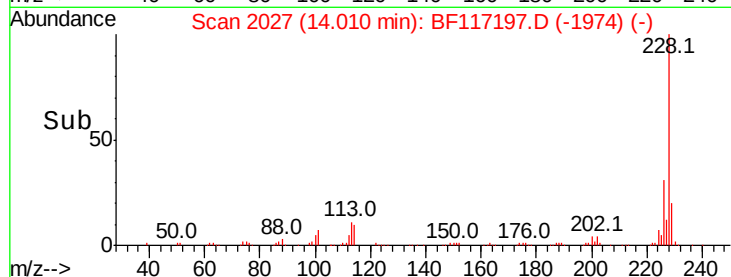
229 19.7 15.8 23.8



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: 57.777 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

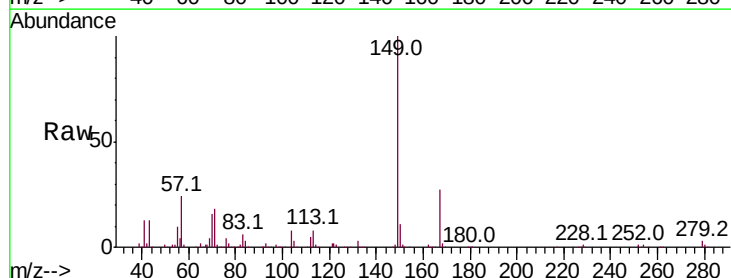
Tgt Ion:149 Resp: 278180

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

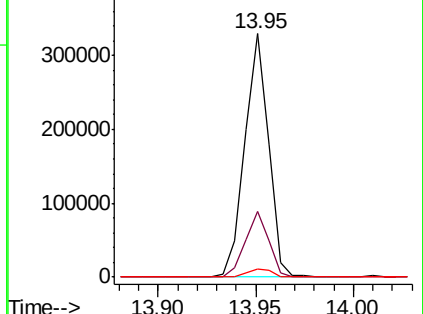
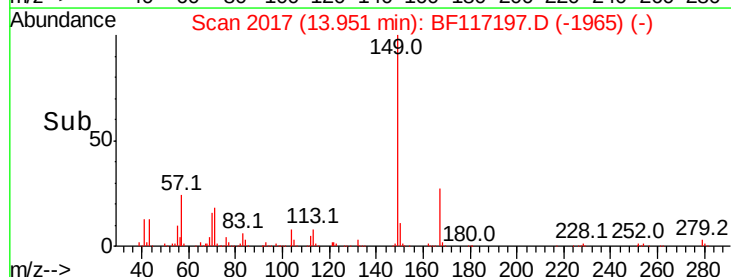
279 3.3 2.8 4.2

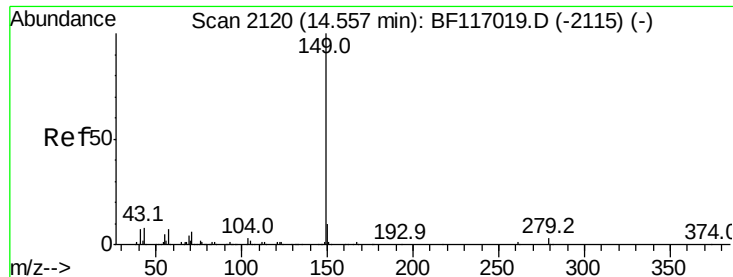


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

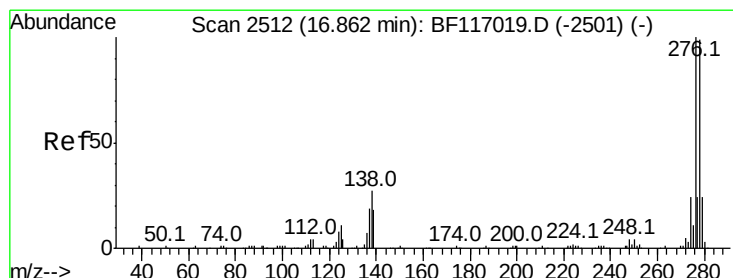
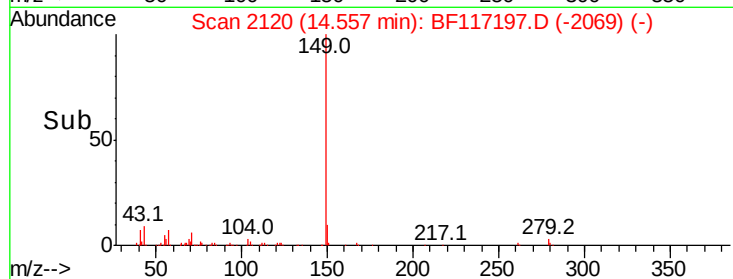
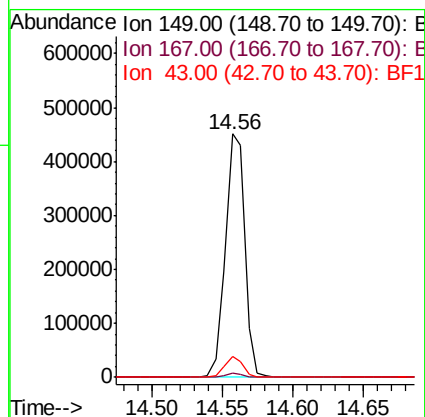
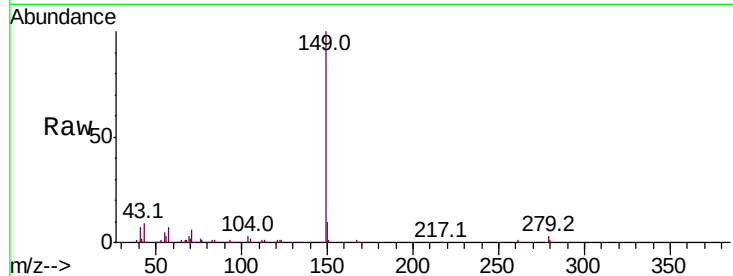




#85
Di-n-octyl phthalate
Concen: 56.830 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

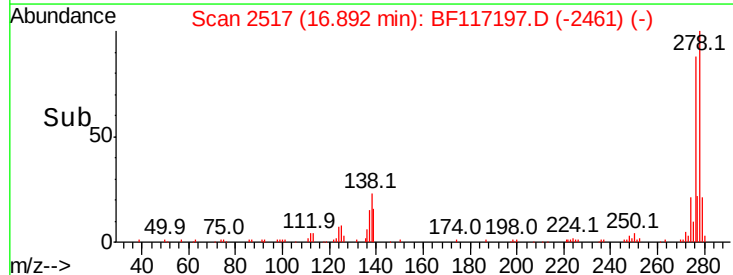
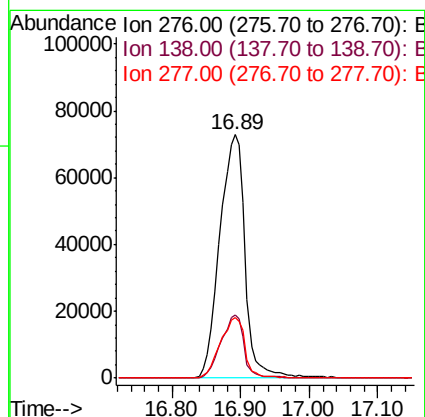
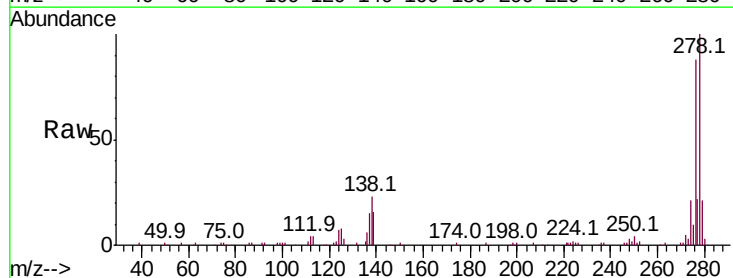
Instrument :
BNA_F
ClientSampleId :

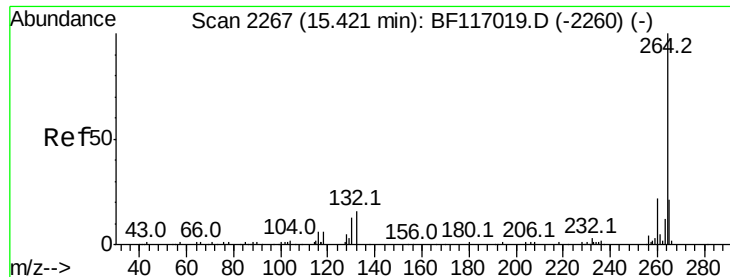
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.856 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.7	31.1
277	24.1	19.8	29.8



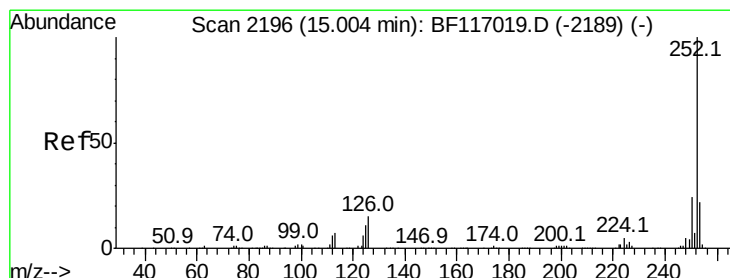
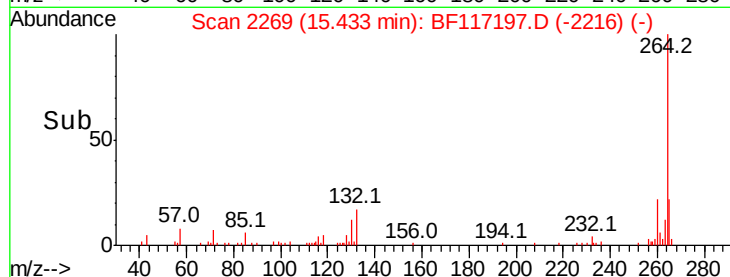
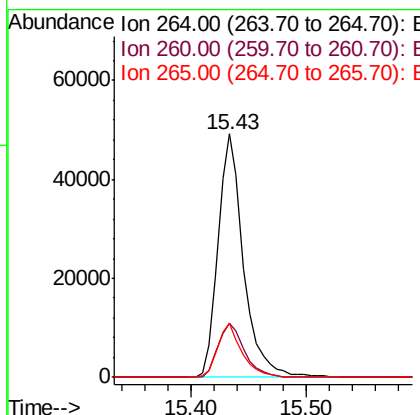
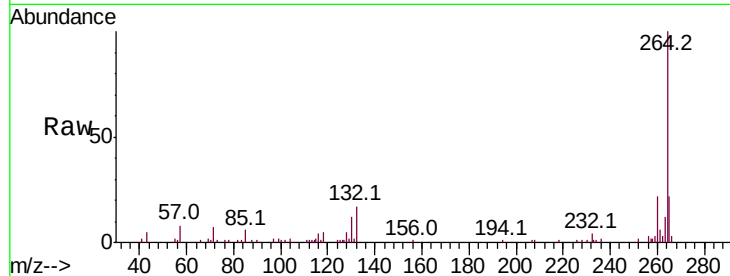


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 75139

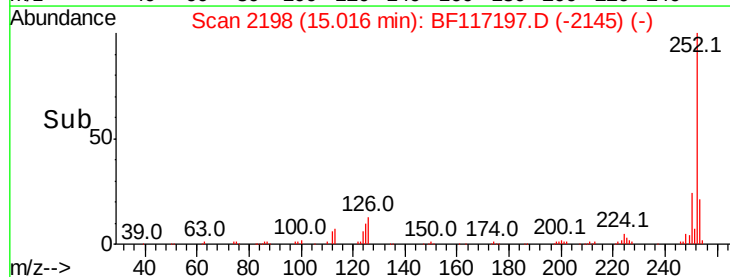
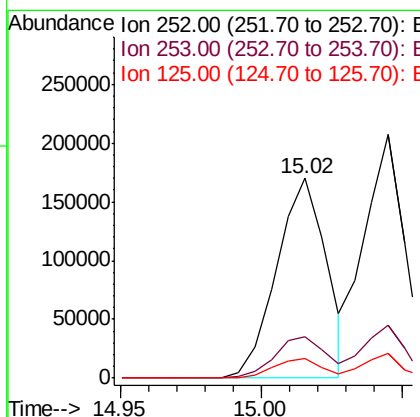
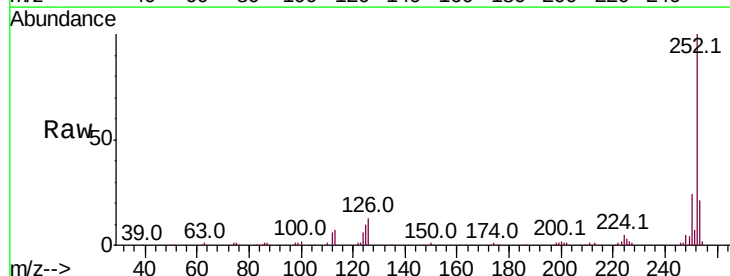
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	22.1	16.6	24.8

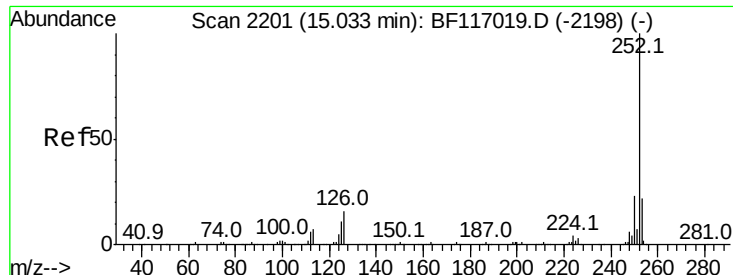


#88
Benzo(b)fluoranthene
Concen: 45.693 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:252 Resp: 207968

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	9.8	8.6	12.8

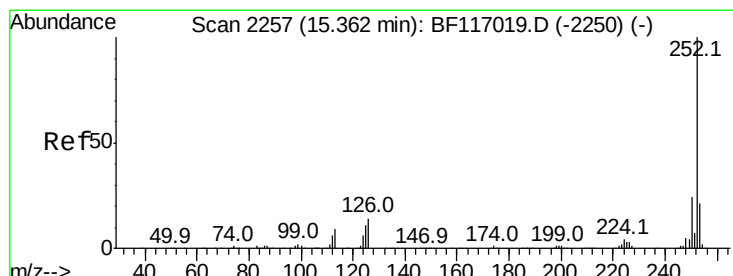
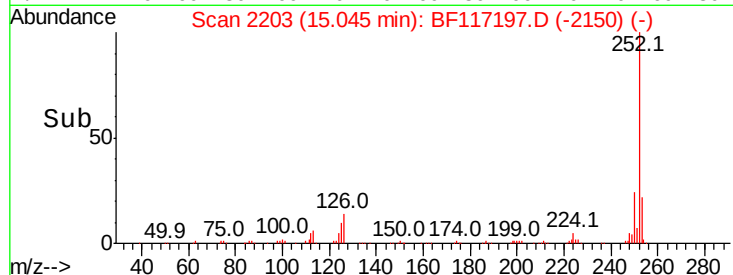
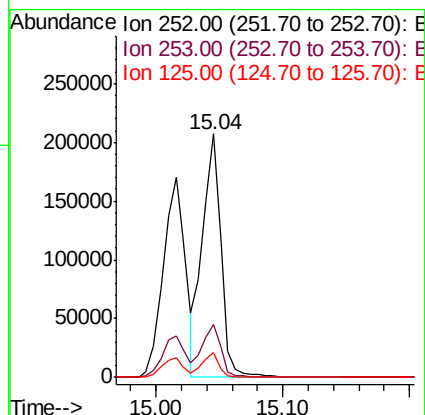
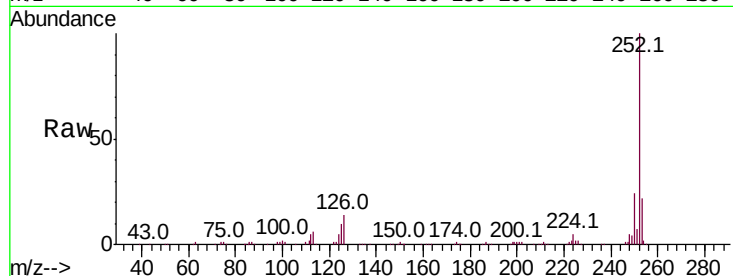




#89
Benzo(k)fluoranthene
Concen: 49.060 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

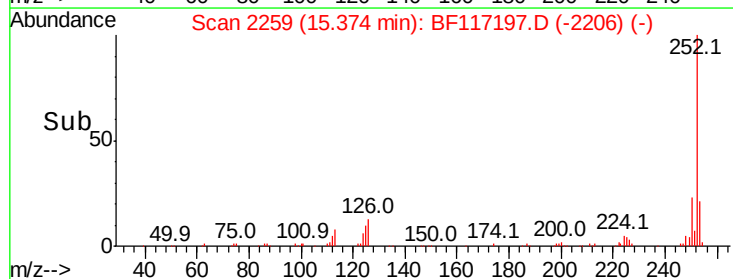
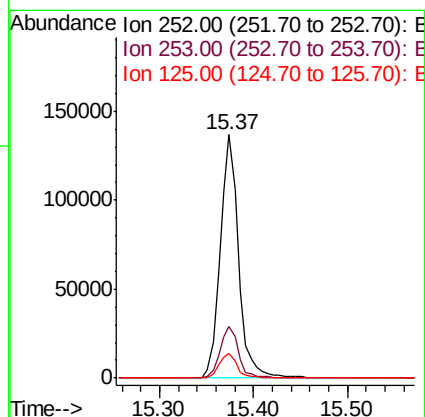
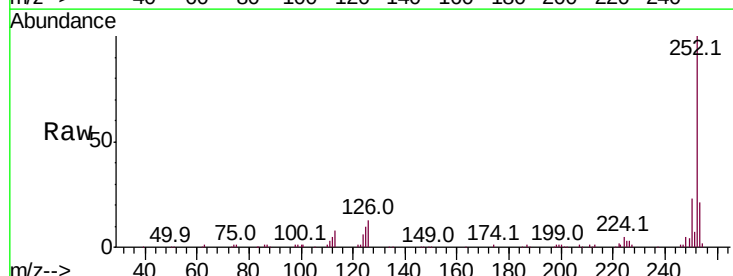
Instrument :
BNA_F
ClientSampleId :

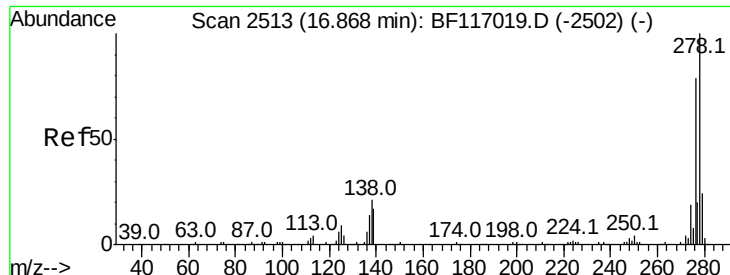
Tot Ion:252 Resp: 211520
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.0 8.8 13.2



#90
Benzo(a)pyrene
Concen: 46.864 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117197.D
Acq: 20 Sep 2019 20:30

Tgt Ion:252 Resp: 187173
Ion Ratio Lower Upper
252 100
253 21.0 16.6 25.0
125 10.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 50.489 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

Instrument :

BNA_F

ClientSampleId :

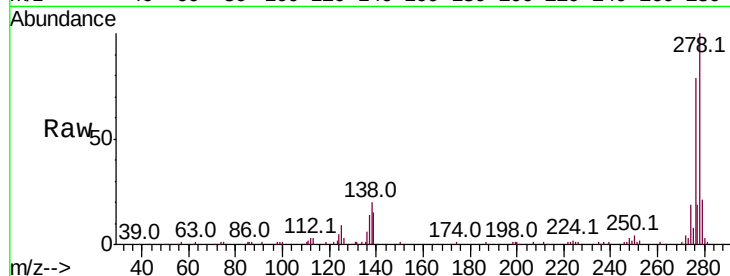
Tot Ion:278 Resp: 160641

Ion Ratio Lower Upper

278 100

139 15.2 13.5 20.3

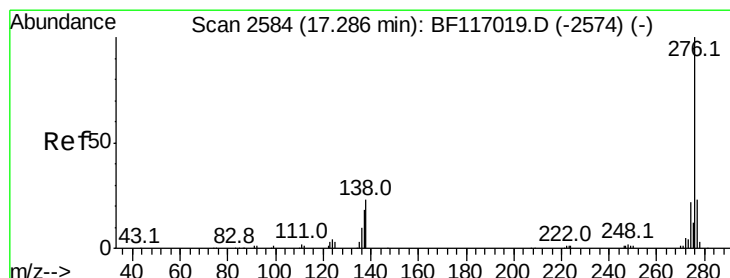
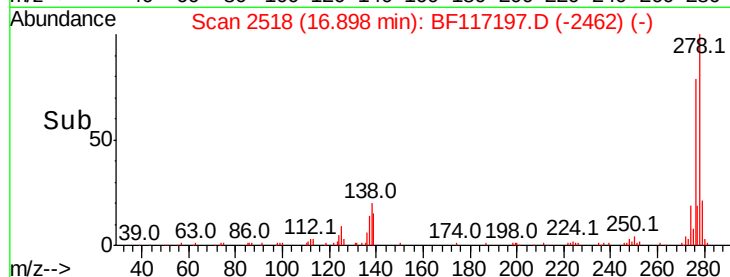
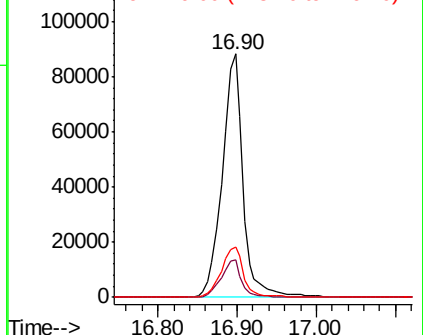
279 20.8 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.210 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF117197.D

Acq: 20 Sep 2019 20:30

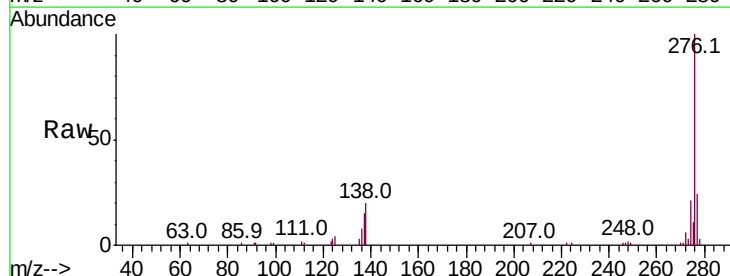
Tgt Ion:276 Resp: 146511

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 19.7 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

