

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117201.D
 Acq On : 20 Sep 2019 22:16
 Operator : HP/JU
 Sample : K4662-15MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:04:00 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	37491	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	146266	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	79742	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	127868	20.00	ng	0.01
76) Chrysene-d12	13.99	240	85702	20.00	ng	0.01
87) Perylene-d12	15.43	264	69416	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	308779	128.59	ng	0.03
7) Phenol-d6	6.47	99	381125	122.81	ng	0.01
23) Nitrobenzene-d5	7.39	82	298827	107.35	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	115463	173.25	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	557362	109.29	ng	0.00
79) Terphenyl-d14	12.93	244	567688	123.82	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	33938	33.775	ng	# 86
3) Pyridine	3.53	79	57233	20.809	ng	96
4) n-Nitrosodimethylamine	3.45	42	46485	49.250	ng	78
6) Aniline	6.49	93	34675	8.678	ng	# 48
8) 2-Chlorophenol	6.62	128	126207	48.718	ng	98
9) Benzaldehyde	6.37	77	42992	23.934	ng	98
10) Phenol	6.48	94	129407	37.825	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	121915	48.485	ng	100
12) 1,3-Dichlorobenzene	6.76	146	124155	42.709	ng	98
13) 1,4-Dichlorobenzene	6.84	146	130828	44.100	ng	98
14) 1,2-Dichlorobenzene	6.99	146	123972	44.884	ng	97
15) Benzyl Alcohol	6.97	79	119672	50.285	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	111275	44.792	ng	75
17) 2-Methylphenol	7.09	107	103024	47.451	ng	# 84
18) Hexachloroethane	7.33	117	51116	44.789	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	98544	52.147	ng	# 90
20) 3+4-Methylphenols	7.24	107	133769	49.464	ng	94
22) Acetophenone	7.23	105	199361	53.647	ng	# 96
24) Nitrobenzene	7.40	77	147465	53.642	ng	98
25) Isophorone	7.65	82	265970	53.961	ng	99
26) 2-Nitrophenol	7.72	139	64088	54.274	ng	# 92
27) 2,4-Dimethylphenol	7.76	122	109064	58.243	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	157176	51.758	ng	99
29) 2,4-Dichlorophenol	7.97	162	105439	53.738	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	106971	50.463	ng	97
31) Naphthalene	8.12	128	393176	55.893	ng	99
32) Benzoic acid	7.92	122	54051	39.570	ng	95
33) 4-Chloroaniline	8.19	127	25459	8.160	ng	# 94
34) Hexachlorobutadiene	8.24	225	63924	53.152	ng	96
35) Caprolactam	8.56	113	14216	21.406	ng	88
36) 4-Chloro-3-methylphenol	8.67	107	125979	55.065	ng	99
37) 2-Methylnaphthalene	8.82	142	262707	55.459	ng	98
38) 1-Methylnaphthalene	8.92	142	243046	54.783	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	106739	51.836	ng	# 97

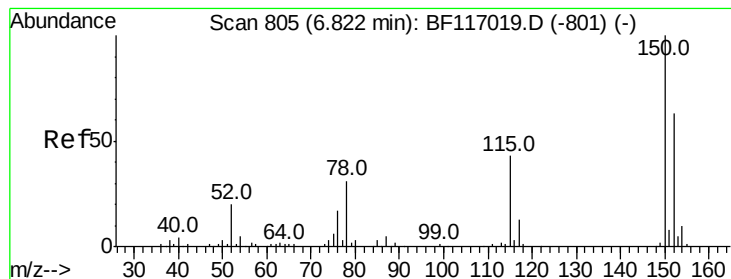
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117201.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	107472	114.341	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	71336	51.049	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	77119	51.654	nq	95
46) 1,1'-Biphenyl	9.28	154	319664	51.106	nq	99
47) 2-Chloronaphthalene	9.30	162	247164	50.069	nq	97
48) 2-Nitroaniline	9.40	65	76435	48.273	nq	87
49) Acenaphthylene	9.72	152	384527	51.997	nq	100
50) Dimethylphthalate	9.58	163	304171	53.872	nq	99
51) 2,6-Dinitrotoluene	9.65	165	64951	56.482	nq	99
52) Acenaphthene	9.89	154	225825	51.514	nq	100
53) 3-Nitroaniline	9.82	138	20364	14.036	nq	99
54) 2,4-Dinitrophenol	9.93	184	52305	102.437	nq	93
55) Dibenzofuran	10.06	168	352081	54.435	nq	97
56) 4-Nitrophenol	10.00	139	68329	72.665	nq	94
57) 2,4-Dinitrotoluene	10.06	165	85203	57.080	nq	# 79
58) Fluorene	10.41	166	288042	55.285	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	64407	56.373	nq	99
60) Diethylphthalate	10.28	149	313437	56.426	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	130437	57.863	nq	98
62) 4-Nitroaniline	10.44	138	61861	40.999	nq	# 83
63) Azobenzene	10.56	77	314335	55.406	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	36579	60.657	nq	76
66) n-Nitrosodiphenylamine	10.52	169	247028	55.939	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	74628	57.149	nq	94
68) Hexachlorobenzene	10.96	284	77433	54.214	nq	95
69) Atrazine	11.05	200	62831	64.233	nq	98
70) Pentachlorophenol	11.16	266	73949	110.454	nq	99
71) Phenanthrene	11.37	178	392891	54.096	nq	99
72) Anthracene	11.42	178	407133	54.908	nq	99
73) Carbazole	11.57	167	353865	50.278	nq	98
74) Di-n-butylphthalate	11.90	149	514010	61.382	nq	99
75) Fluoranthene	12.56	202	385166	51.613	nq	99
77) Benzidine	12.93	184	8308	3.009	nq	97
78) Pyrene	12.79	202	387002	53.817	nq	98
80) Butylbenzylphthalate	13.39	149	197847	58.226	nq	95
81) Benzo(a)anthracene	13.97	228	300678	52.512	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	41946	22.733	nq	97
83) Chrysene	14.02	228	288947	51.740	nq	96
84) Bis(2-ethylhexyl)phthalate	13.95	149	299196	68.293	nq	96
85) Di-n-octyl phthalate	14.56	149	470089	68.173	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	202326	49.659	nq	98
88) Benzo(b)fluoranthene	15.02	252	225614	53.657	nq	99
89) Benzo(k)fluoranthene	15.04	252	231761	58.186	nq	99
90) Benzo(a)pyrene	15.37	252	205064	55.576	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	172825	58.796	nq	97
92) Benzo(g,h,i)perylene	17.32	276	155590	53.119	nq	97

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

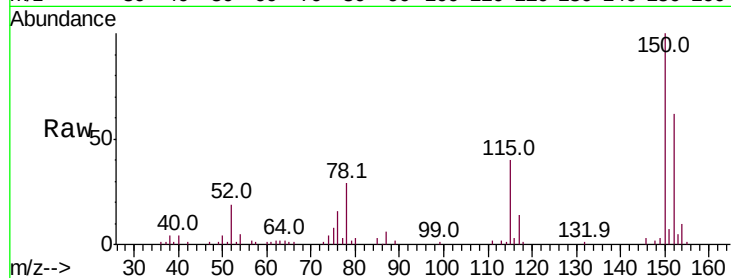


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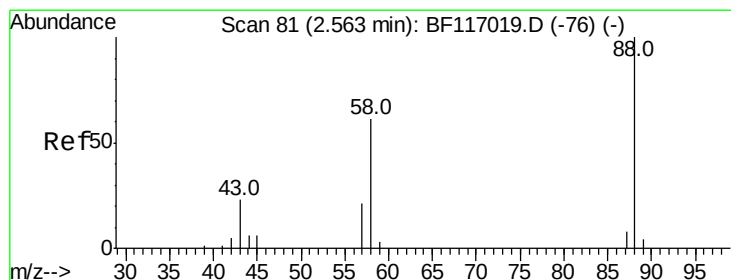
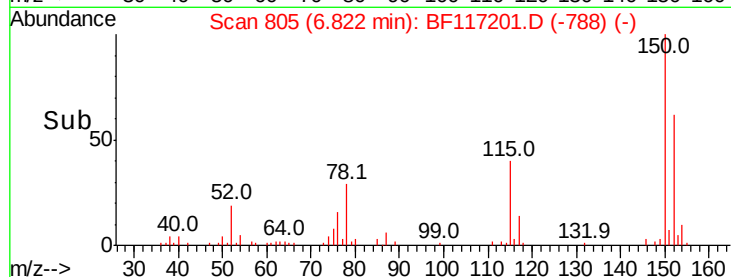
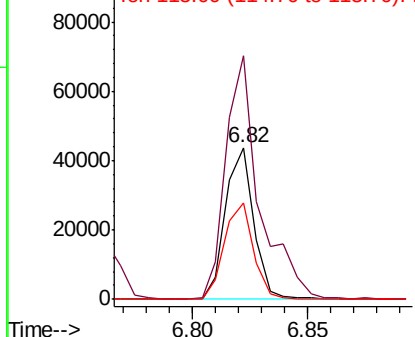
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37491
Ion Ratio Lower Upper
152 100
150 160.3 127.5 191.3
115 63.6 55.0 82.4



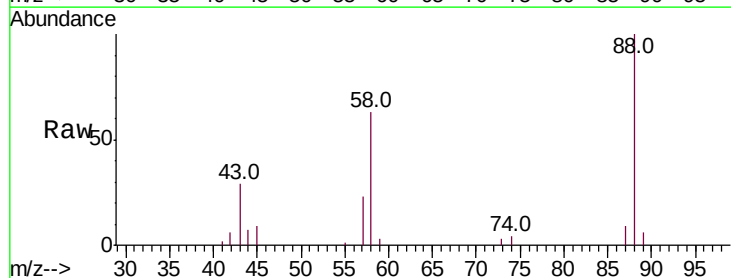
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



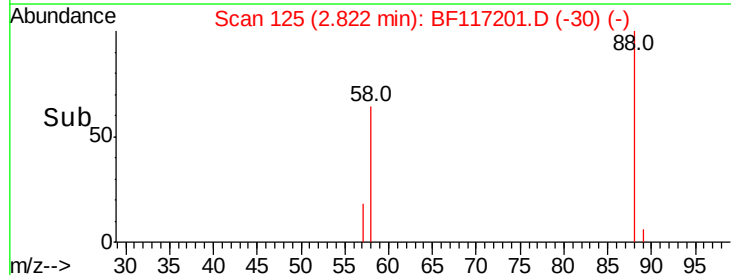
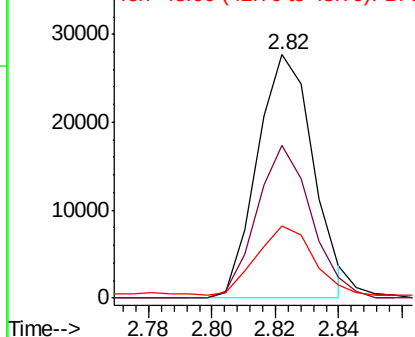
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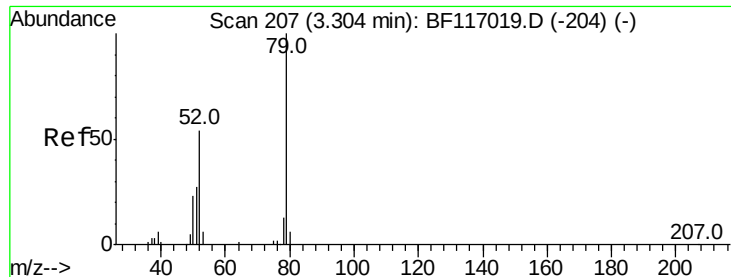
1,4-Dioxane
Concen: 33.775 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.26 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion: 88 Resp: 33938
Ion Ratio Lower Upper
88 100
58 60.8 49.3 73.9
43 0.0 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

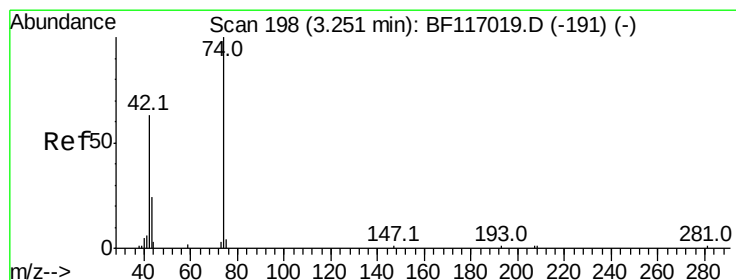
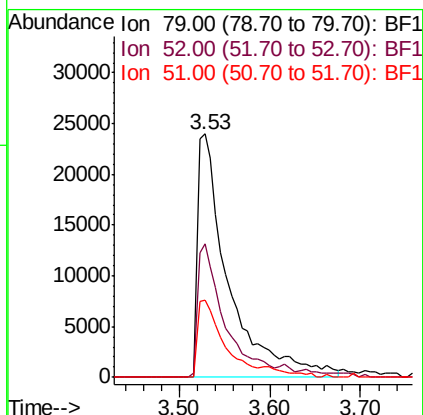
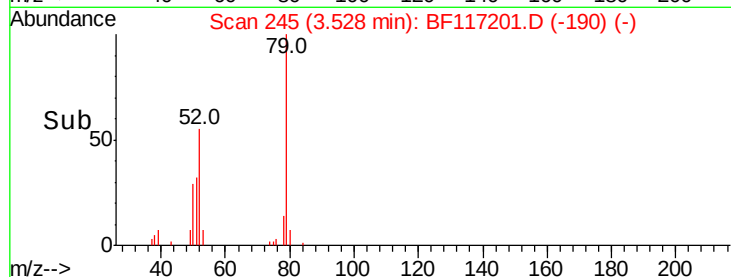
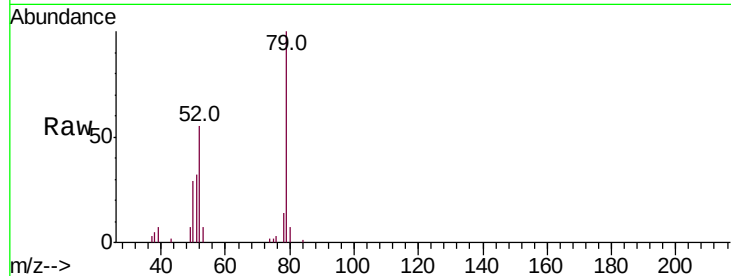




#3
 Pvridine
 Concen: 20.809 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.22 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

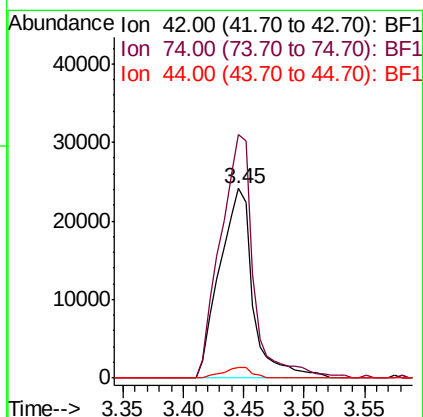
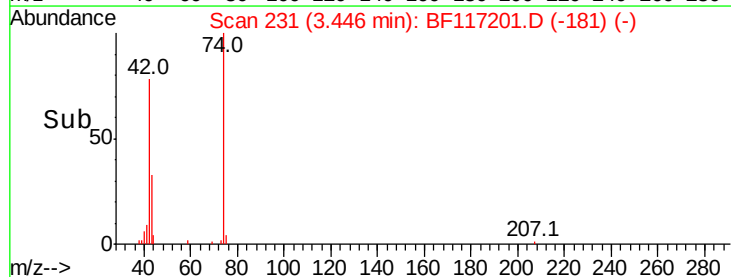
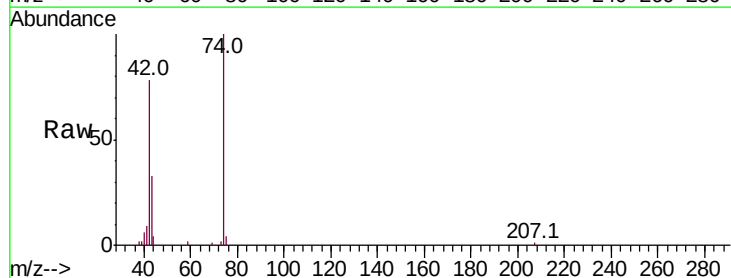
Instrument :
 BNA_F
 ClientSampleId :

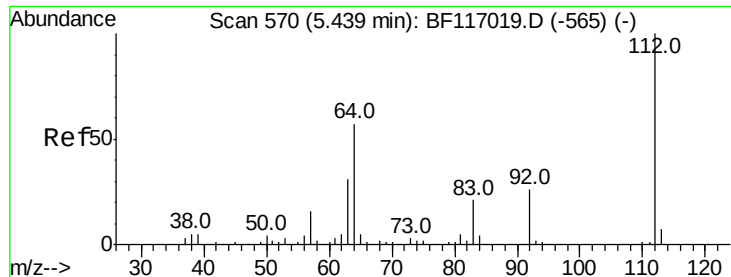
Tot Ion: 79 Resp: 57233
 Ion Ratio Lower Upper
 79 100
 52 55.0 43.5 65.3
 51 31.8 21.8 32.6



#4
 n-Nitrosodimethylamine
 Concen: 49.250 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.19 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion: 42 Resp: 46485
 Ion Ratio Lower Upper
 42 100
 74 128.7 127.1 190.7
 44 5.7 4.3 6.5

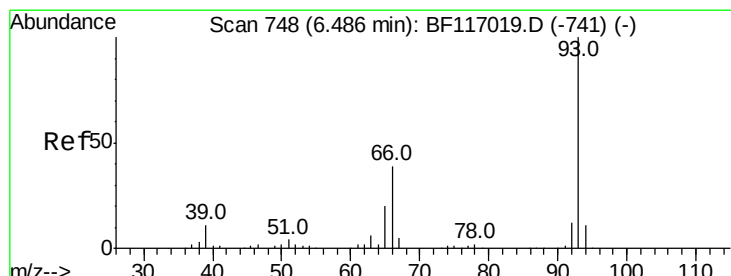
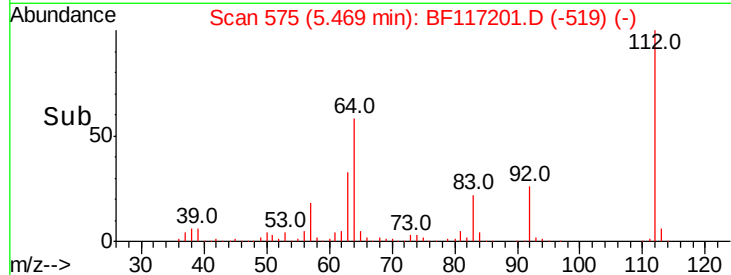
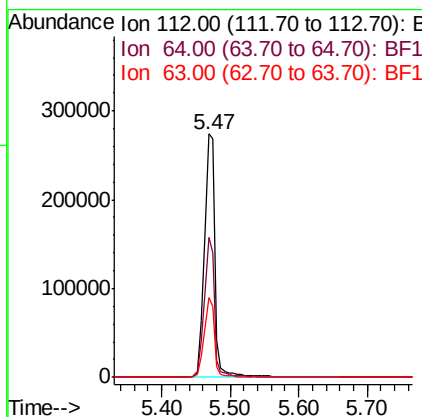
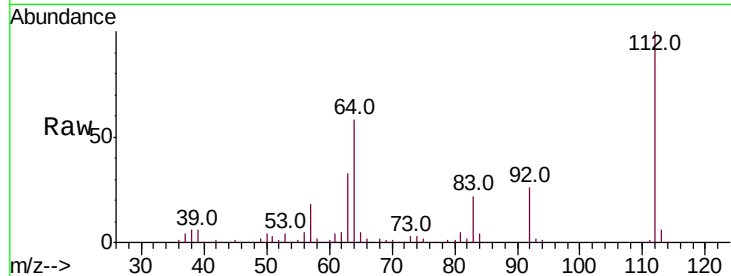




#5
 2-Fluorophenol
 Concen: 128.586 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.03 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

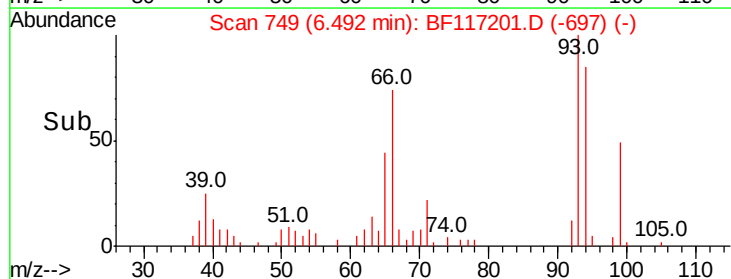
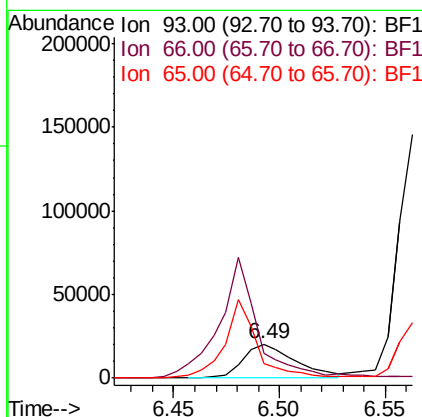
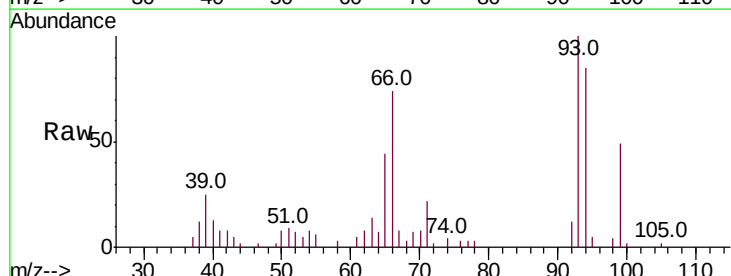
Instrument :
 BNA_F
 ClientSampled :

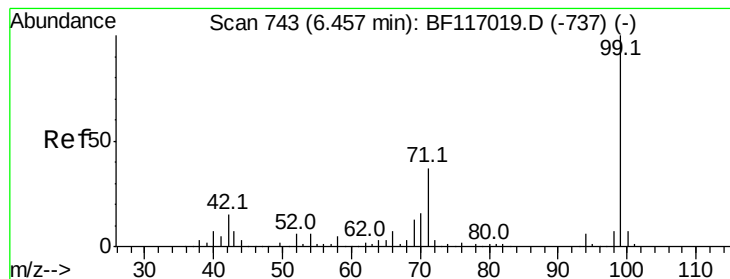
Tot Ion:112 Resp: 308779
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.7 68.5
 63 32.6 24.9 37.3



#6
 Aniline
 Concen: 8.678 ng
 RT: 6.49 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion: 93 Resp: 34675
 Ion Ratio Lower Upper
 93 100
 66 74.2 32.6 49.0#
 65 43.7 16.7 25.1#





#7

Phenol-d6

Concen: 122.809 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

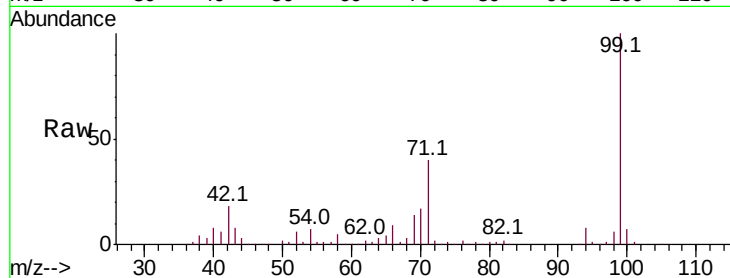
Tot Ion: 99 Resp: 381125

Ion Ratio Lower Upper

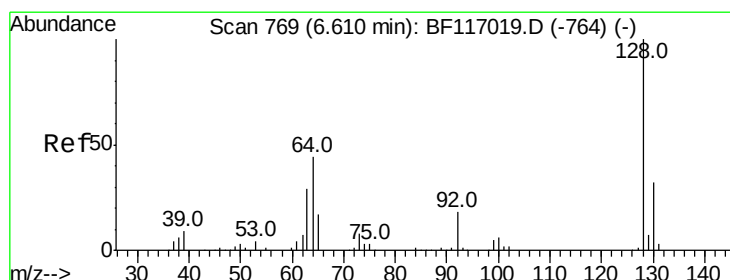
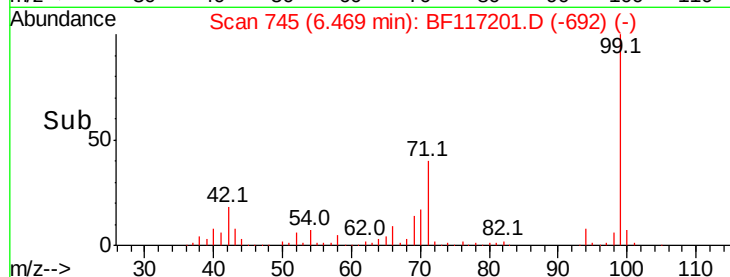
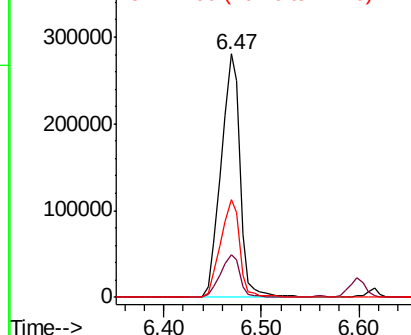
99 100

42 17.6 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: 48.718 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

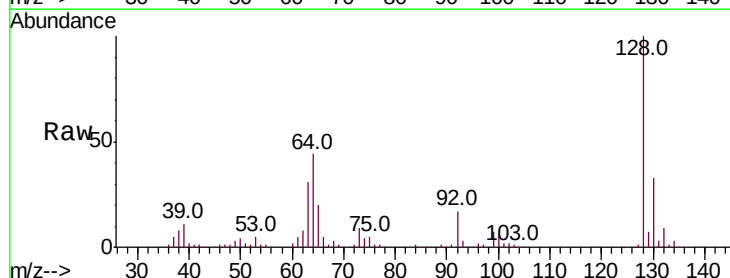
Tgt Ion: 128 Resp: 126207

Ion Ratio Lower Upper

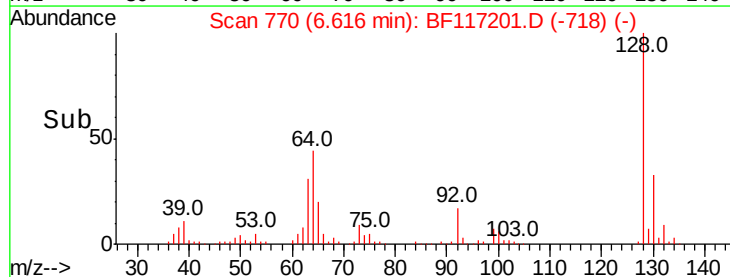
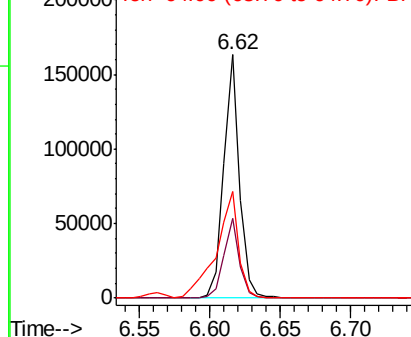
128 100

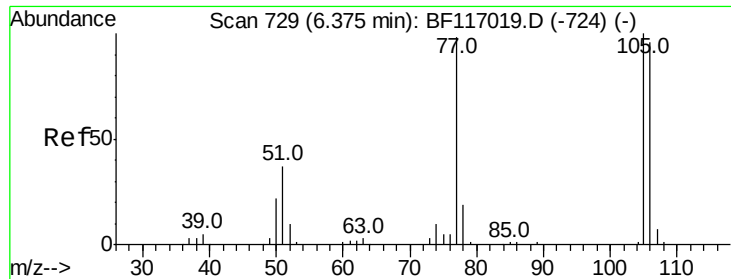
130 32.6 11.8 51.8

64 43.9 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: 23.934 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampled :

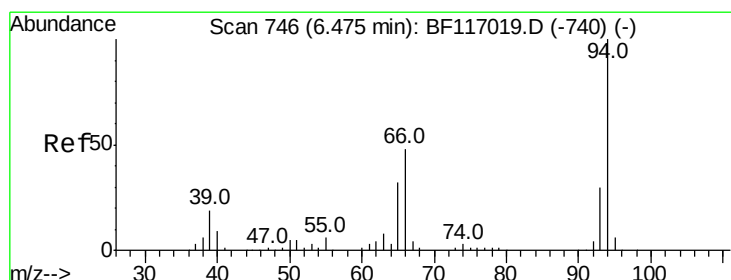
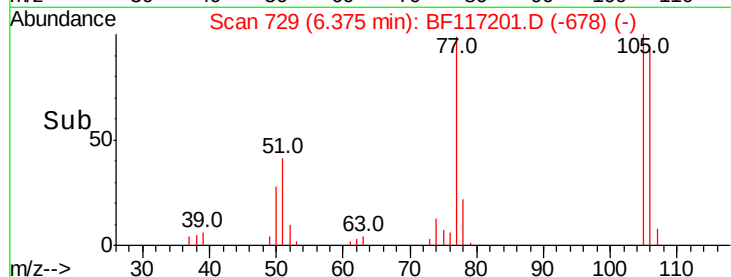
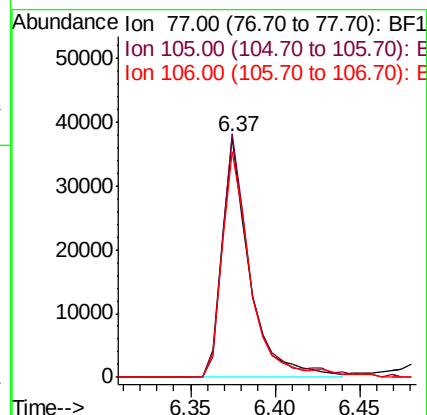
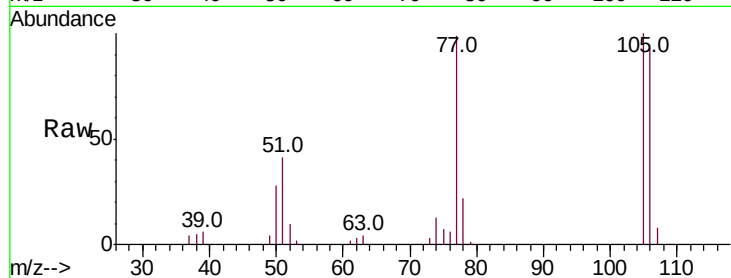
Tot Ion: 77 Resp: 42992

Ion Ratio Lower Upper

77 100

105 101.3 81.8 121.8

106 94.2 77.3 117.3



#10

Phenol

Concen: 37.825 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

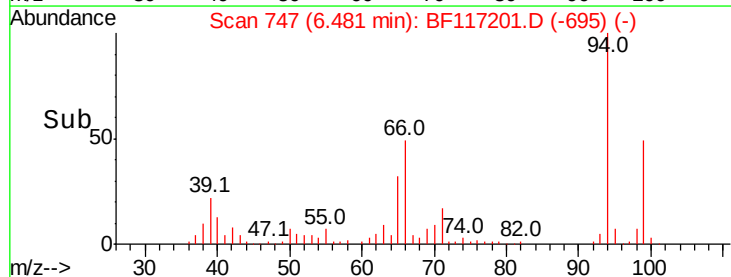
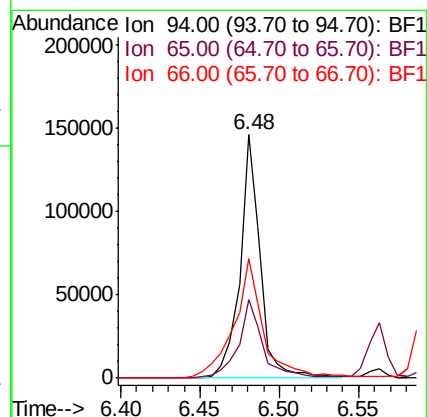
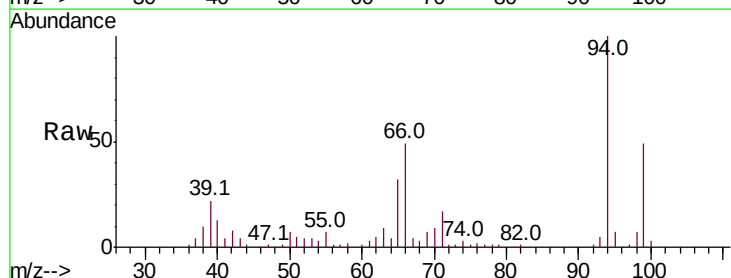
Tgt Ion: 94 Resp: 129407

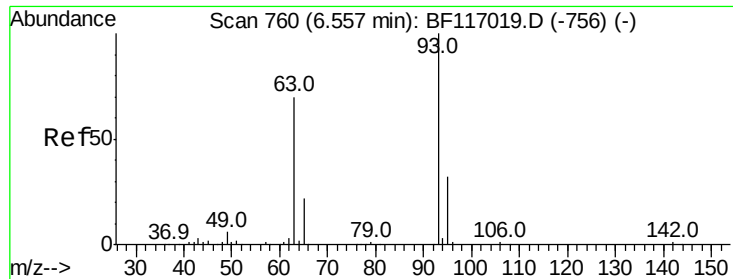
Ion Ratio Lower Upper

94 100

65 32.3 12.5 52.5

66 49.2 28.9 68.9

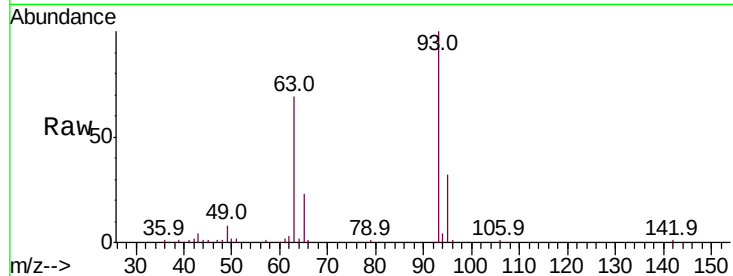




#11
 bis(2-Chloroethyl)ether
 Concen: 48.485 ng
 RT: 6.56 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.3	89.3
95	32.2	11.5	51.5

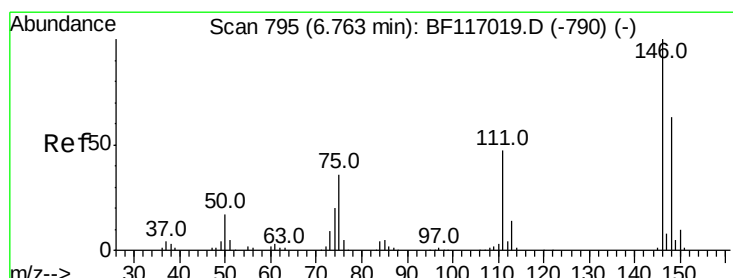
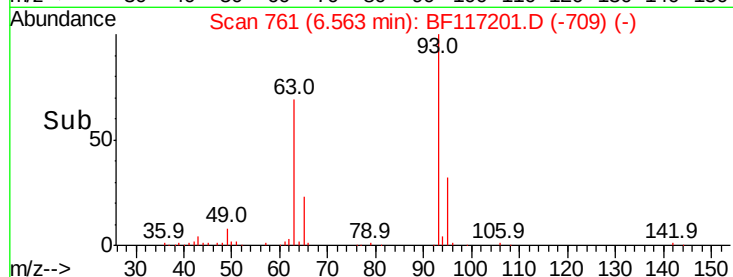
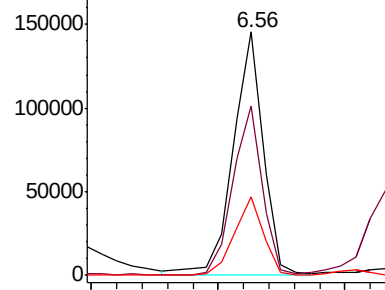


Abundance

Ion 93.00 (92.70 to 93.70): BF1

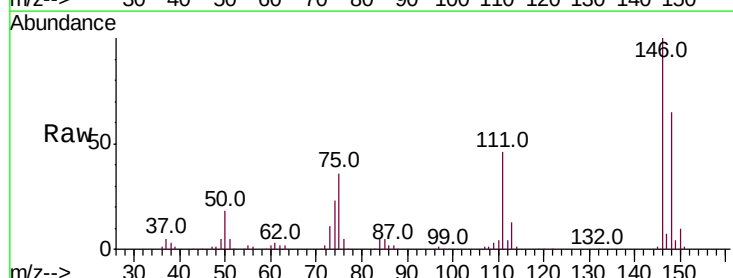
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 42.709 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
75	36.3	28.7	43.1

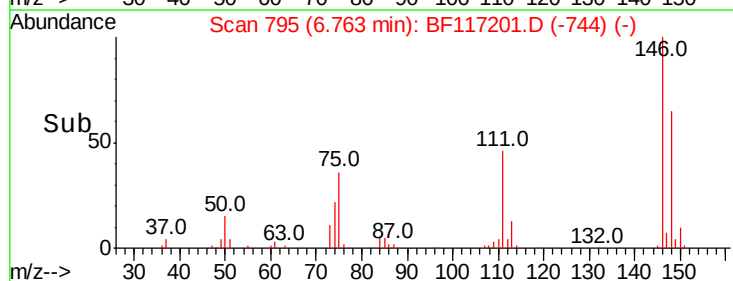
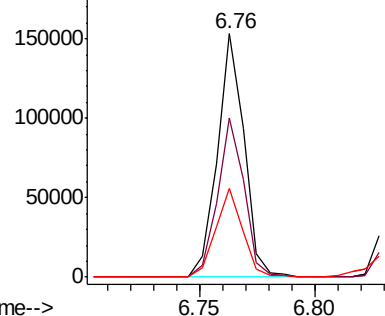


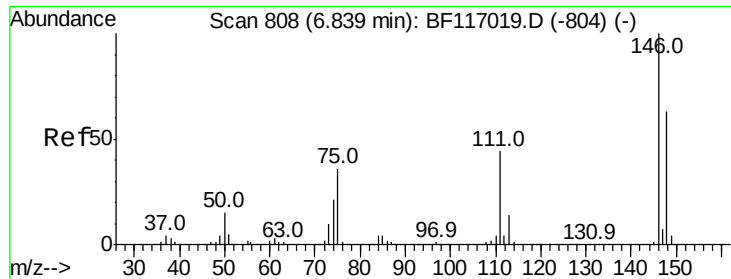
Abundance

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

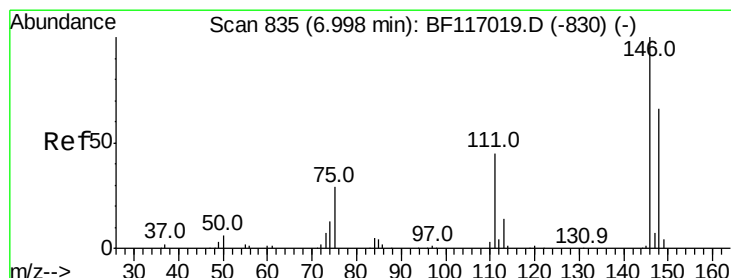
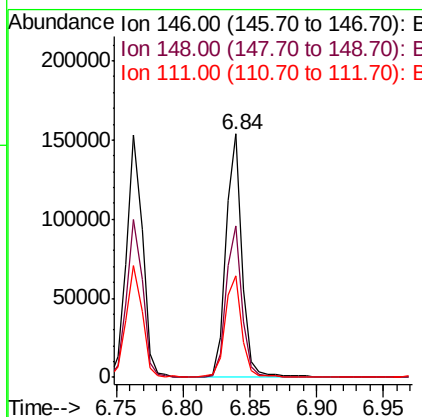
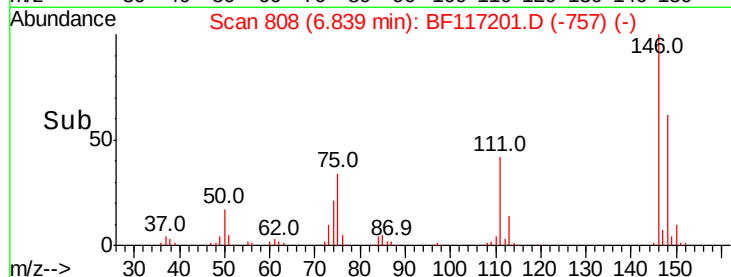
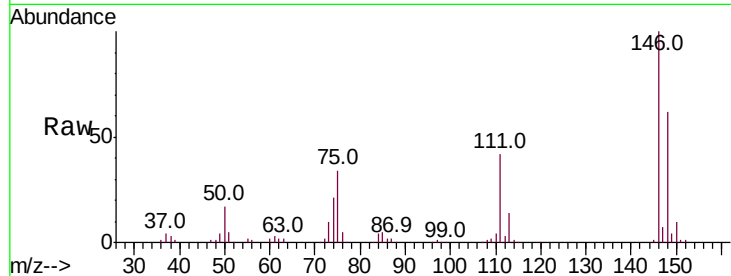




#13
 1,4-Dichlorobenzene
 Concen: 44.100 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

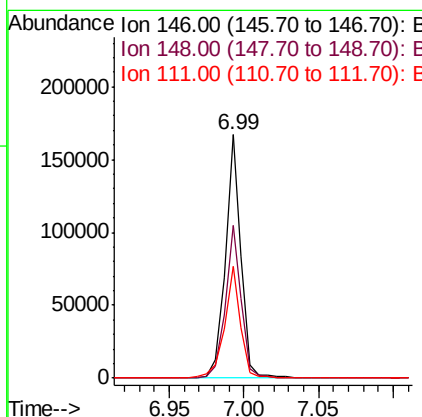
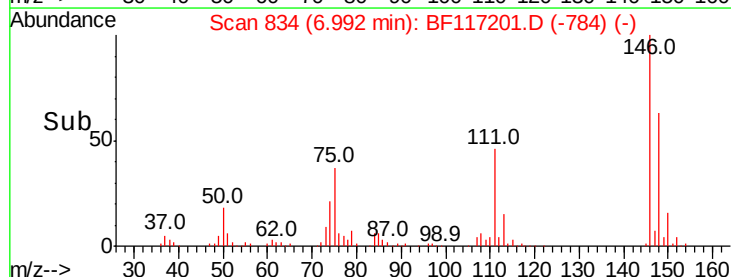
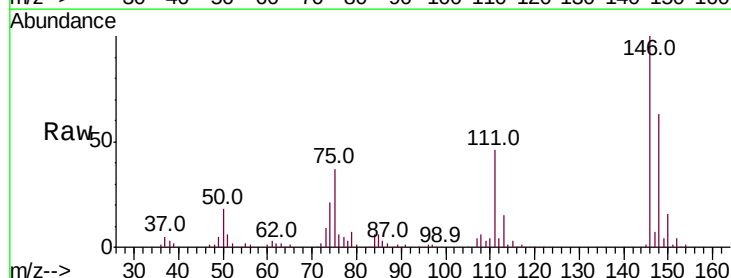
Instrument :
 BNA_F
 ClientSampleId :

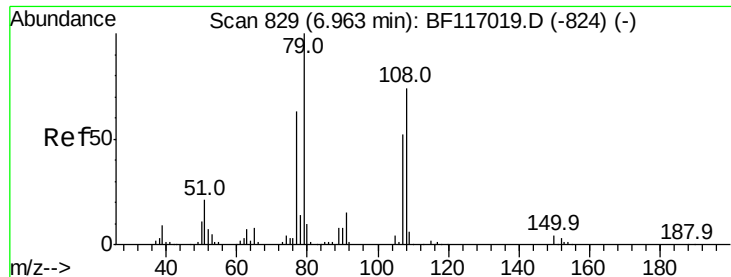
Tot Ion:146 Resp: 130828
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 76.0
 111 41.5 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 44.884 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:146 Resp: 123972
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.6 78.8
 111 46.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.285 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

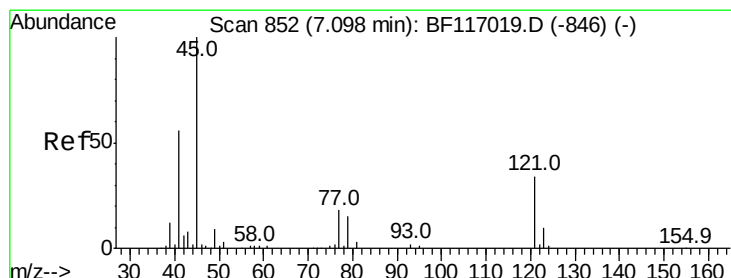
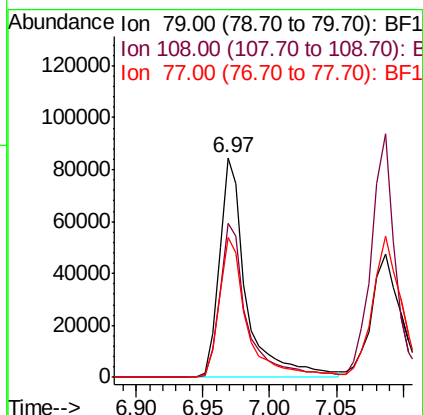
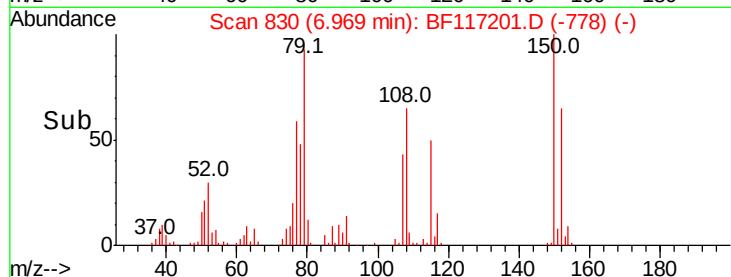
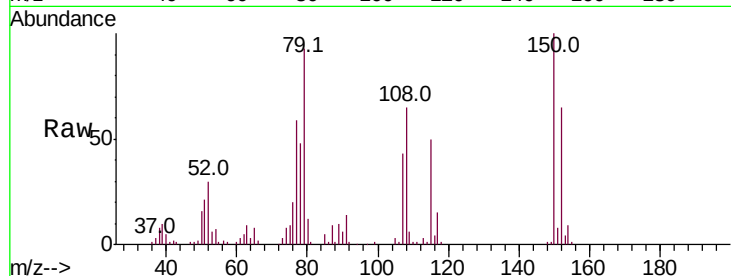
Tot Ion: 79 Resp: 119672

Ion Ratio Lower Upper

79 100

108 69.8 59.4 89.0

77 63.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.792 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

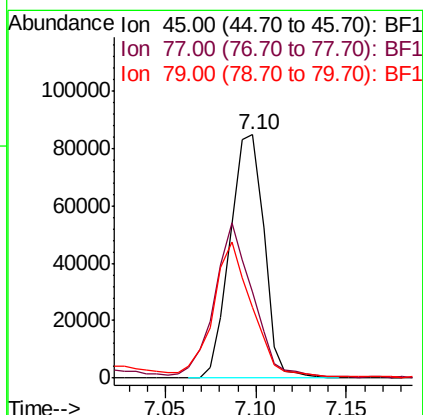
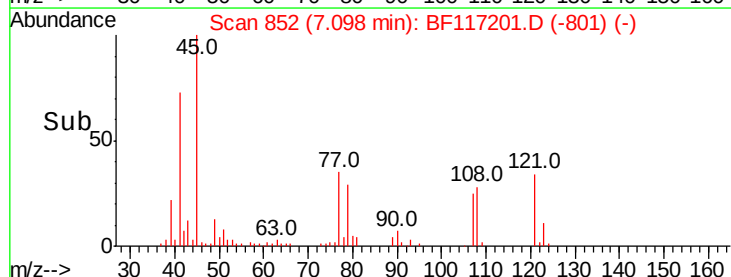
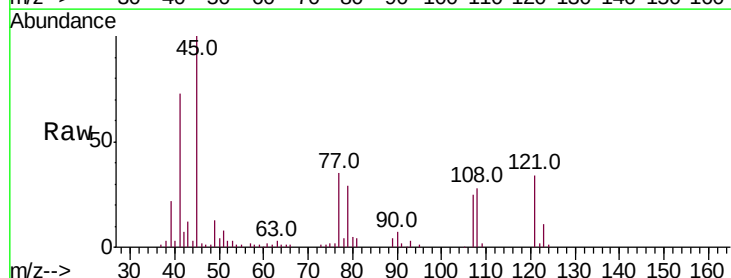
Tgt Ion: 45 Resp: 111275

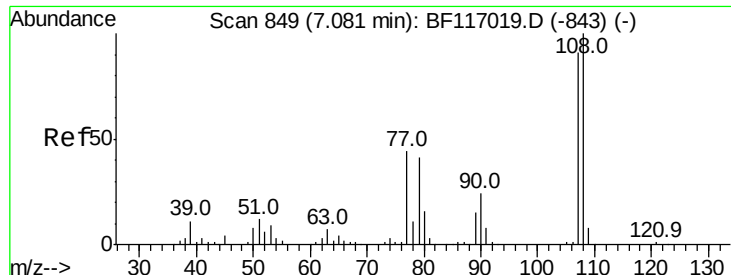
Ion Ratio Lower Upper

45 100

77 35.4 2.7 42.7

79 29.1 0.0 38.9

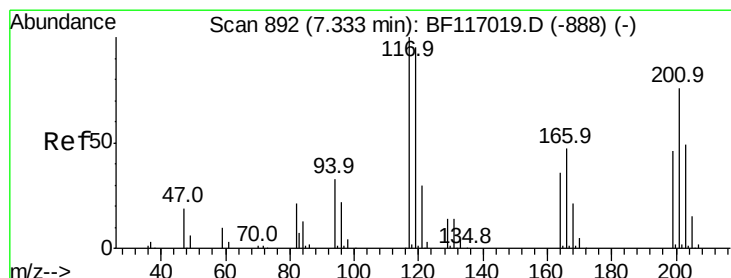
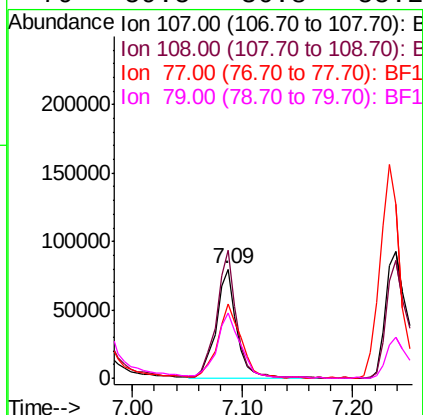
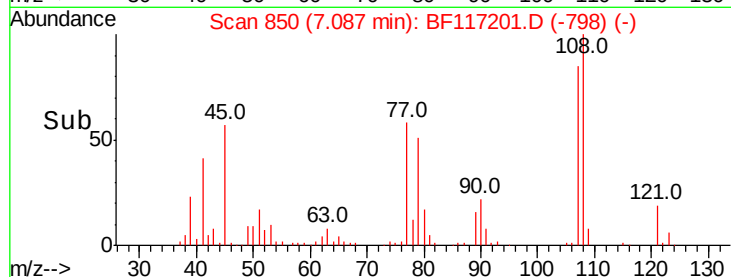
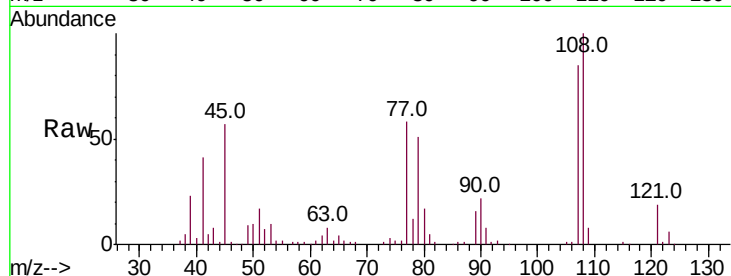




#17
2-Methylphenol
Concen: 47.451 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

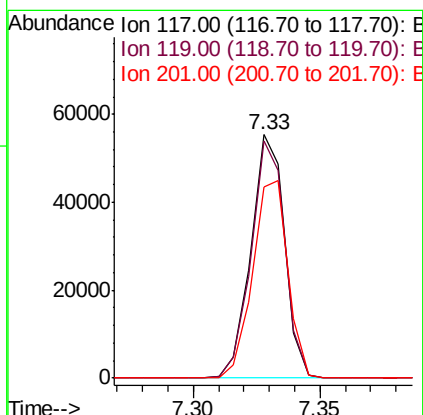
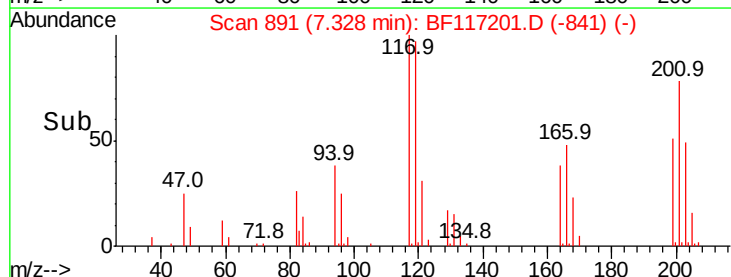
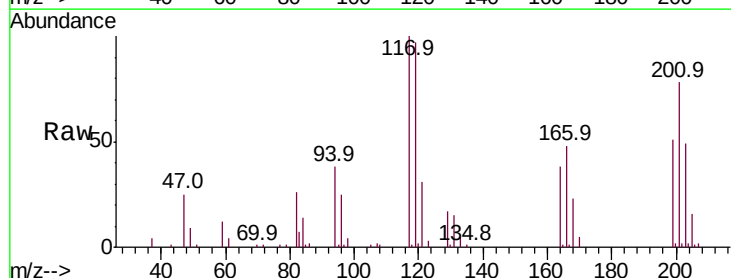
Instrument :
BNA_F
ClientSampleId :

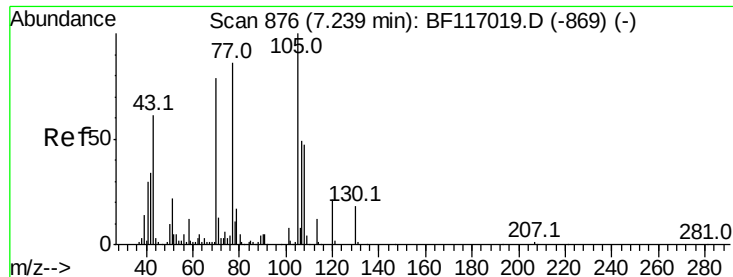
Tot Ion:107 Resp: 103024
Ion Ratio Lower Upper
107 100
108 117.4 87.7 131.5
77 68.0 38.6 58.0#
79 59.5 36.8 55.2#



#18
Hexachloroethane
Concen: 44.789 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:117 Resp: 51116
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 78.5 60.9 91.3

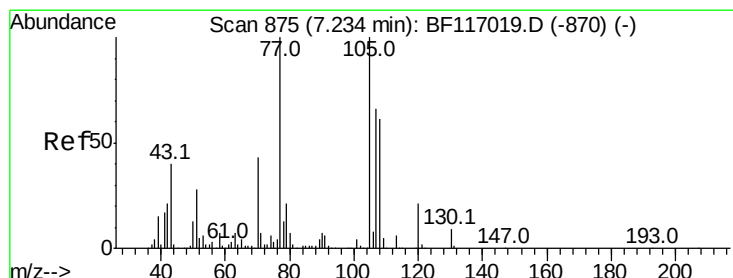
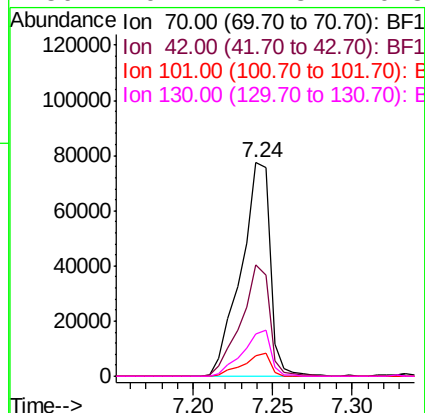
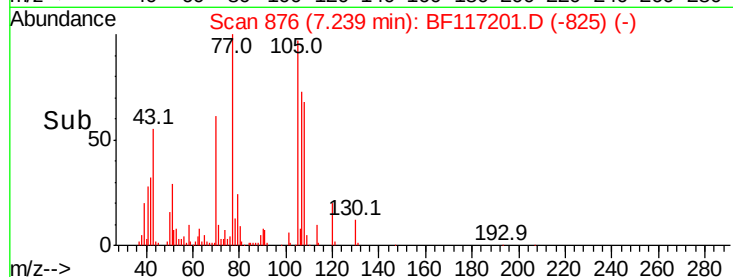
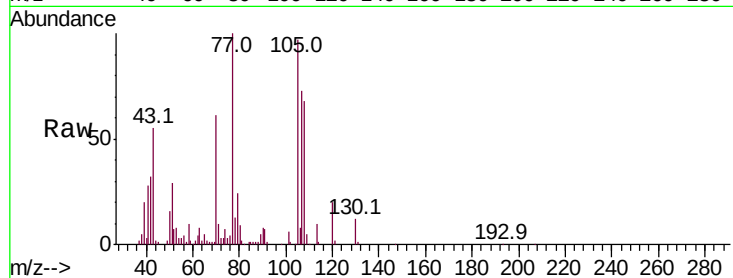




#19
n-Nitroso-di-n-propylamine
Concen: 52.147 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

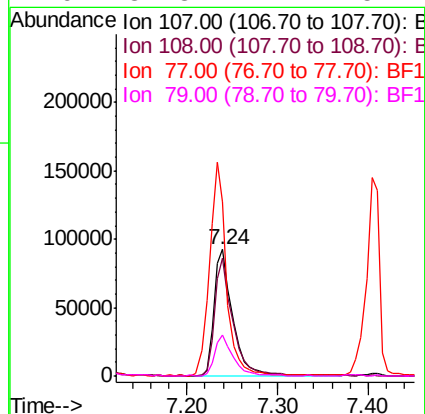
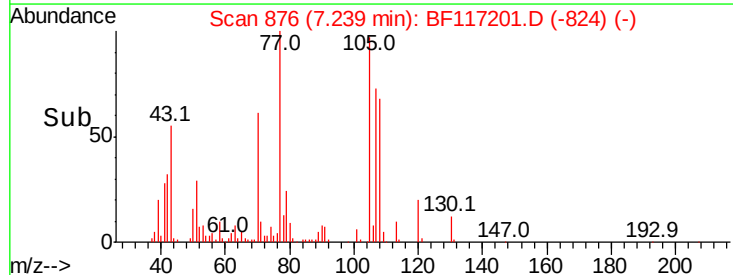
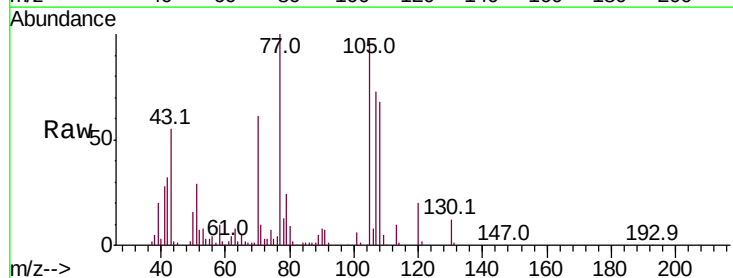
Instrument :
BNA_F
ClientSampled :

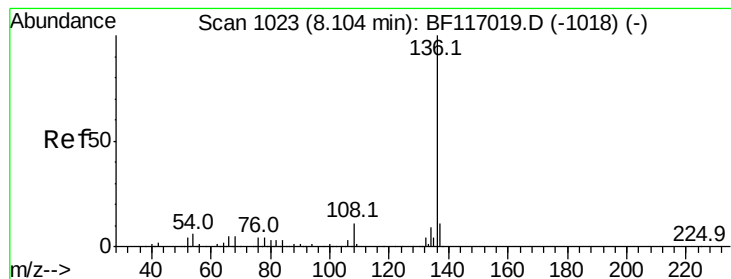
Tot Ion:	70	Resp:	98544
Ion	Ratio	Lower	Upper
70	100		
42	51.9	34.0	51.0#
101	9.9	7.8	11.6
130	19.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 49.464 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:	107	Resp:	133769
Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.6	112.6
77	137.2	132.1	172.1
79	32.3	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: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 146266

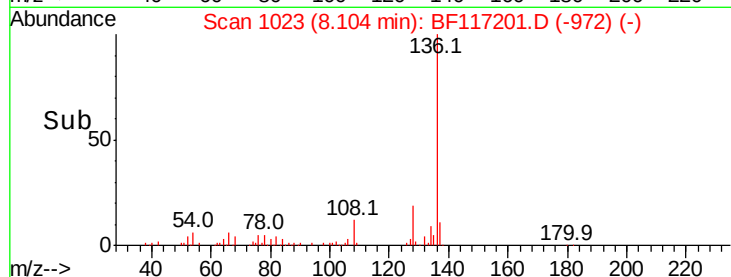
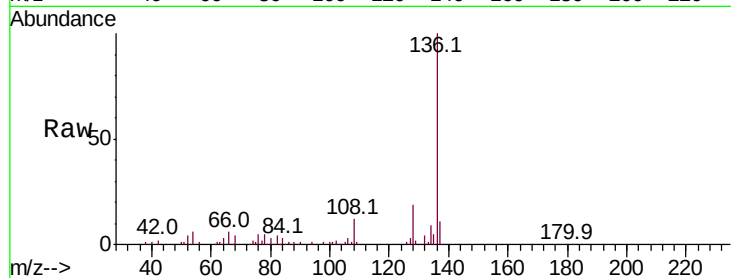
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 5.7 4.5 6.7

68 4.2 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

200000

150000

100000

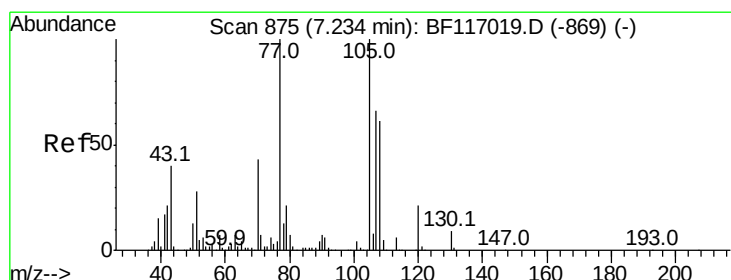
50000

0

8.10

8.05 8.10 8.15 8.20

Time-->



#22

Acetophenone

Concen: 53.647 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Tgt Ion:105 Resp: 199361

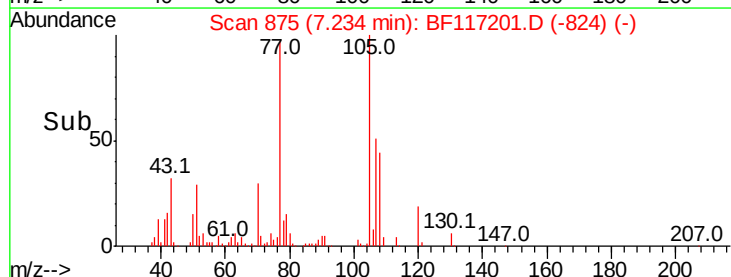
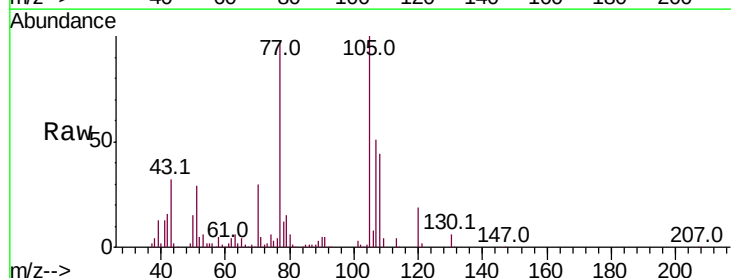
Ion Ratio Lower Upper

105 100

71 4.7 5.7 8.5#

51 29.2 22.1 33.1

120 19.1 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

250000

200000

150000

100000

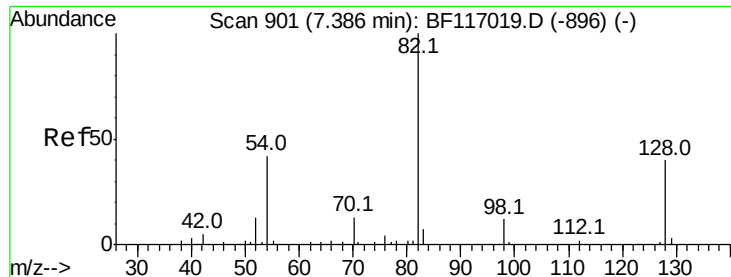
50000

0

7.23

7.20 7.30

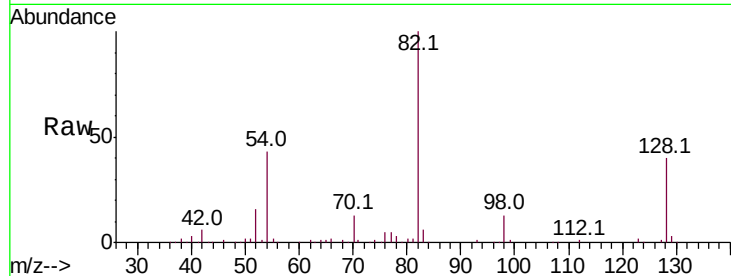
Time-->



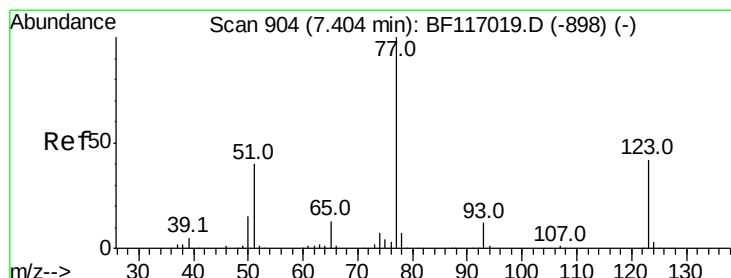
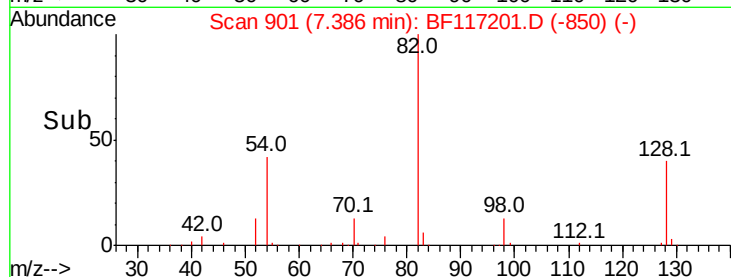
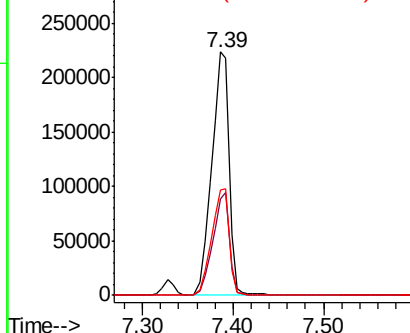
#23
 Nitrobenzene-d5
 Concen: 107.346 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	298827
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.3	48.5
54	43.1	33.3	49.9

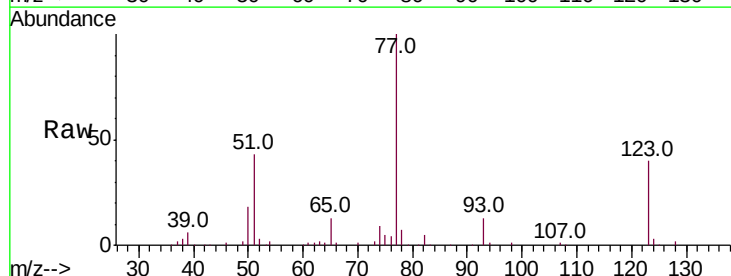


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

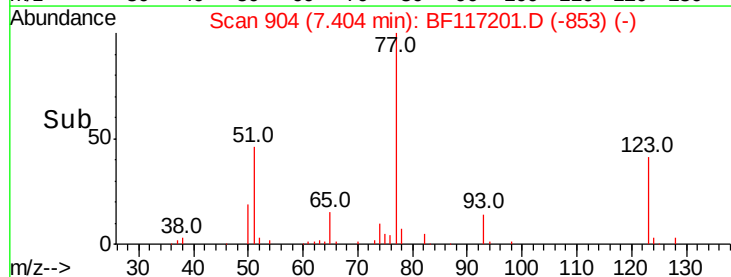
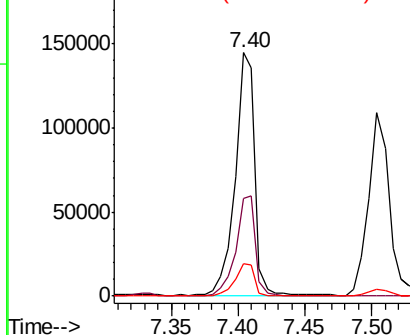


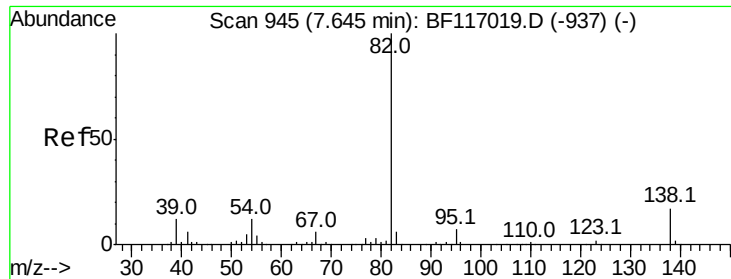
#24
 Nitrobenzene
 Concen: 53.642 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	77	Resp	147465
Ion	Ratio	Lower	Upper
77	100		
123	40.3	33.5	50.3
65	13.4	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 53.961 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

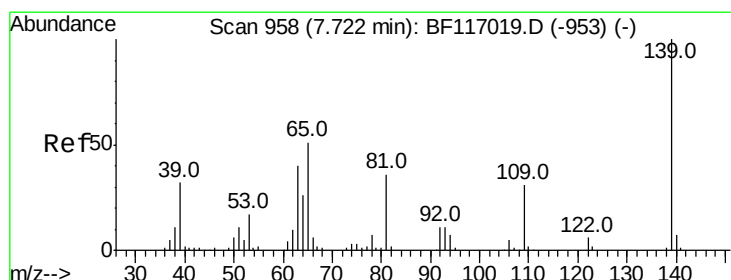
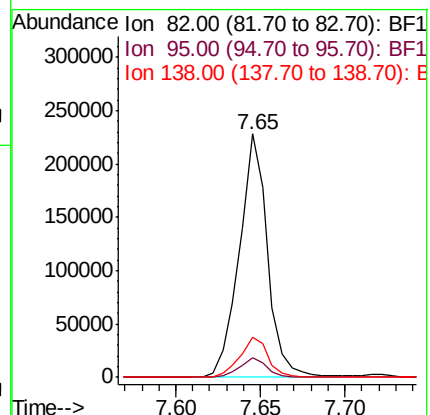
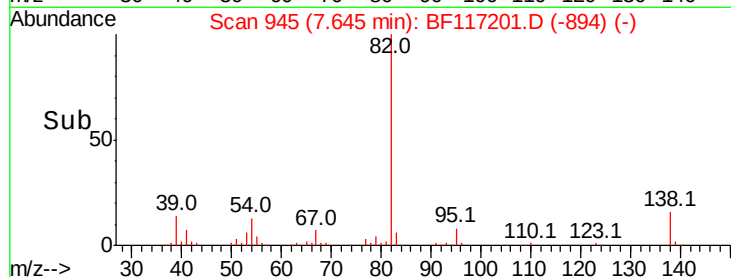
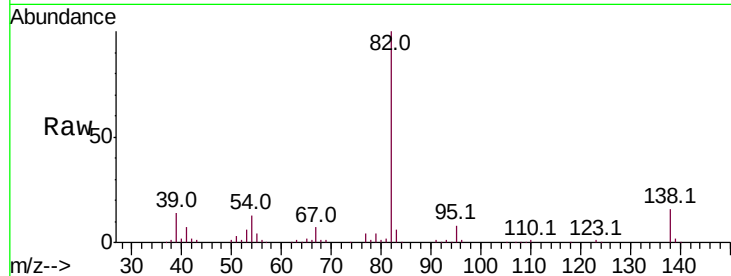
Tot Ion: 82 Resp: 265970

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.6

138 16.4 13.5 20.3



#26

2-Nitrophenol

Concen: 54.274 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

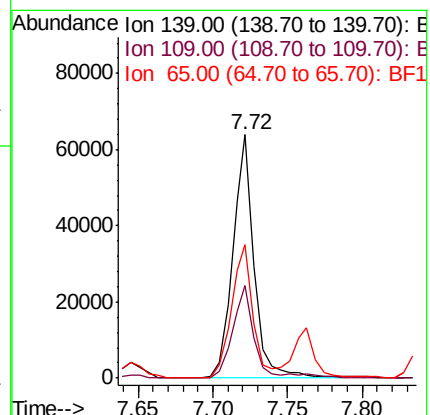
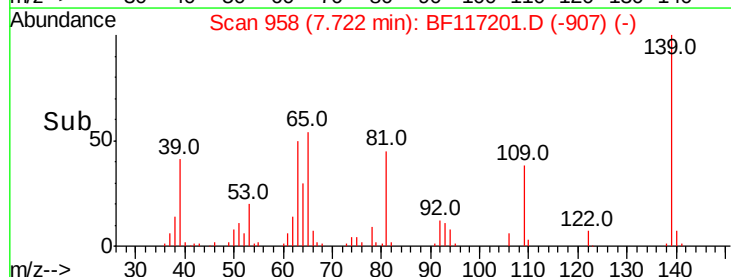
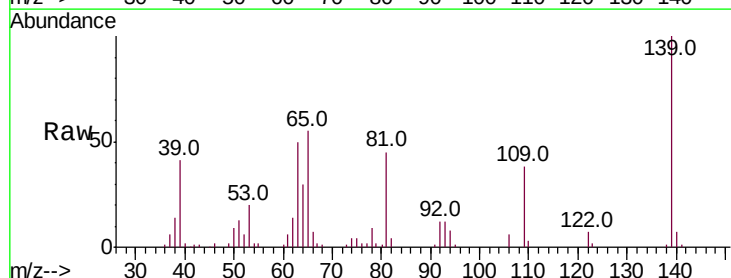
Tgt Ion: 139 Resp: 64088

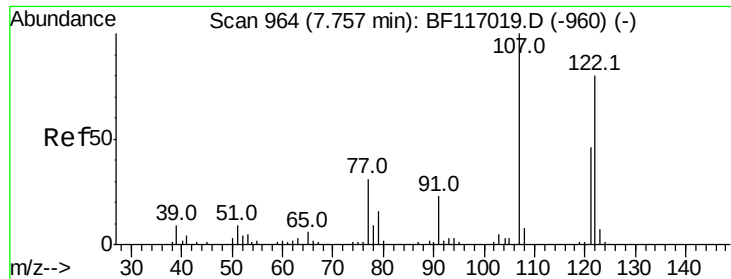
Ion Ratio Lower Upper

139 100

109 38.1 24.6 36.8#

65 54.6 40.9 61.3

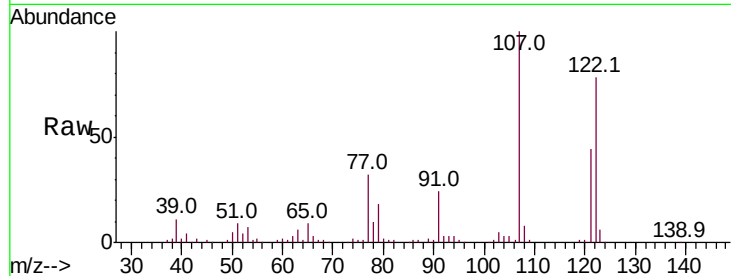




#27
 2,4-Dimethylphenol
 Concen: 58.243 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.8	98.9	148.3
121	57.1	45.3	67.9

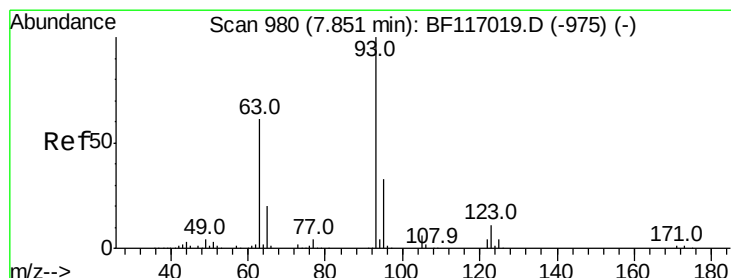
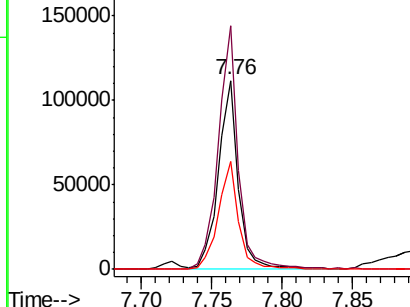
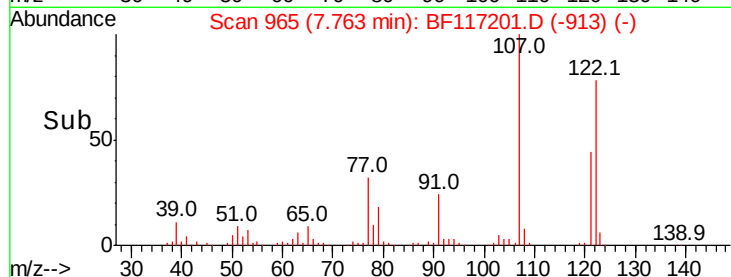


Abundance

Ion 122.00 (121.70 to 122.70): E

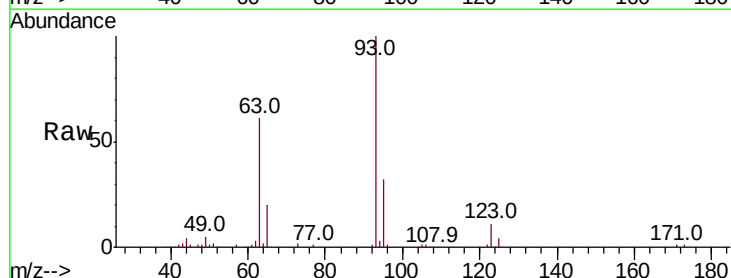
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.758 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	10.9	9.0	13.6

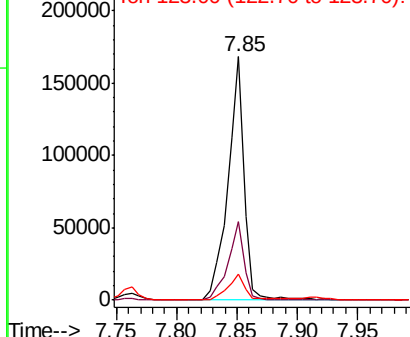
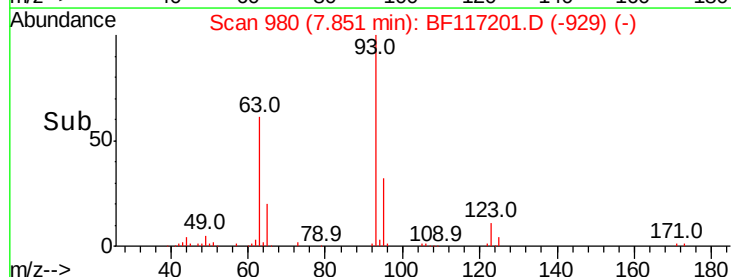


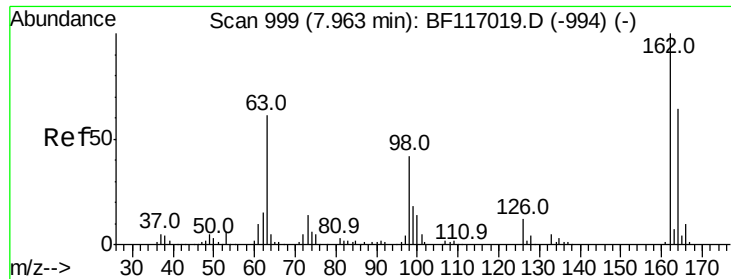
Abundance

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

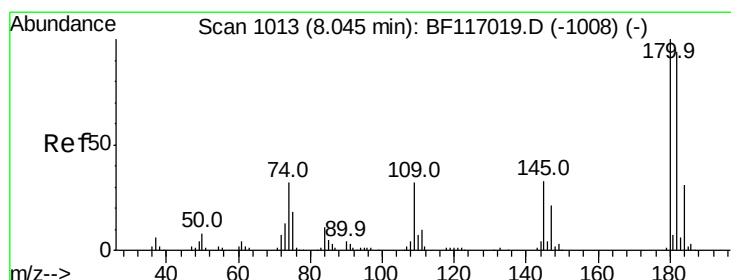
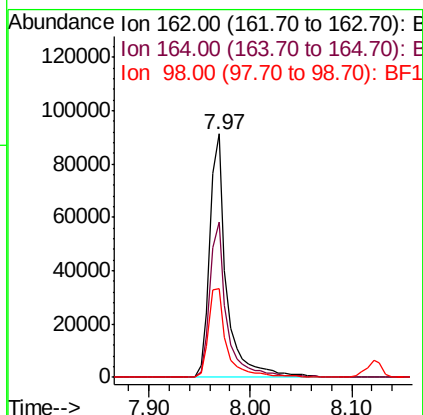
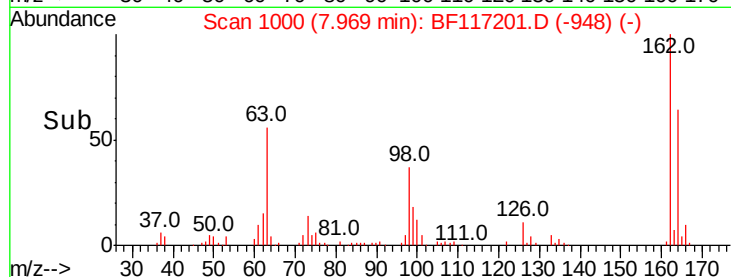
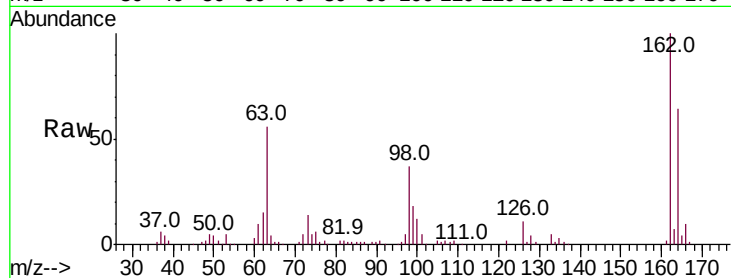




#29
 2,4-Dichlorophenol
 Concen: 53.738 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

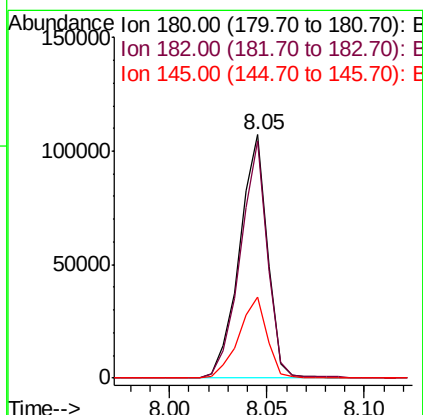
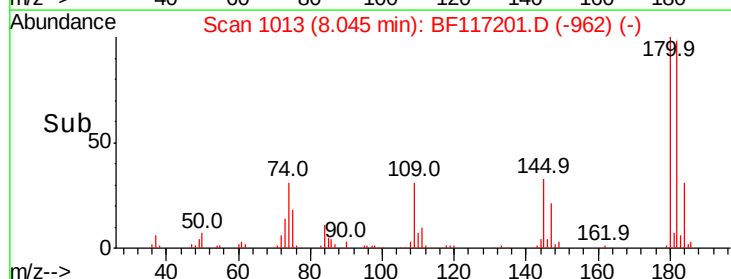
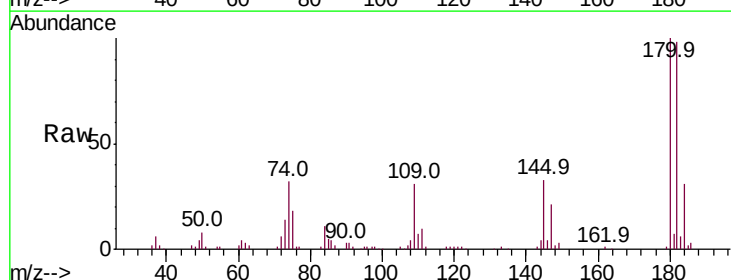
Instrument :
 BNA_F
 ClientSampleId :

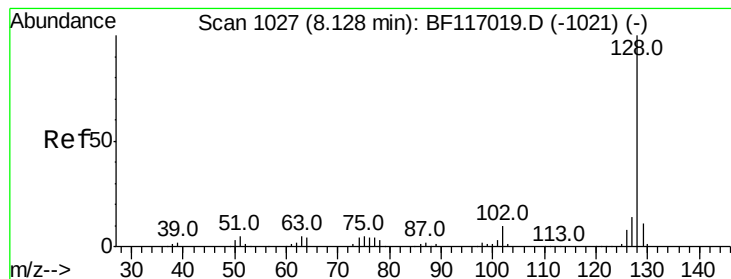
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.8	83.8
98	36.6	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 50.463 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.4	113.0
145	33.4	26.7	40.1





#31

Naphthalene

Concen: 55.893 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

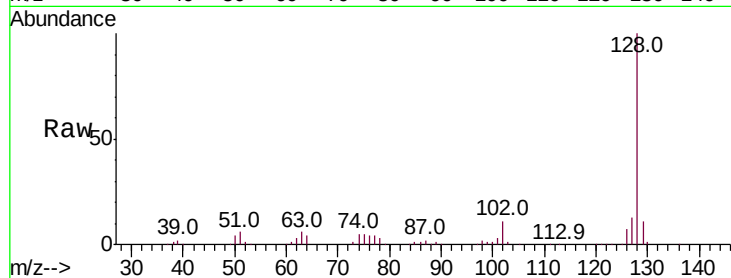
Tot Ion:128 Resp: 393176

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

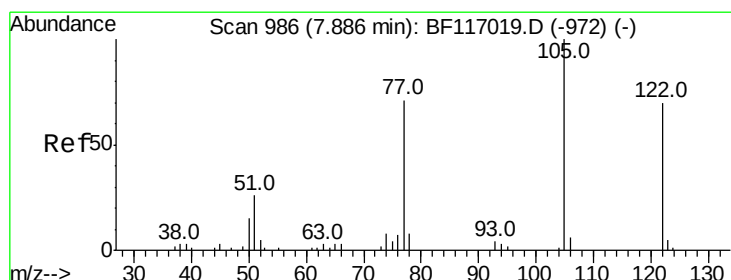
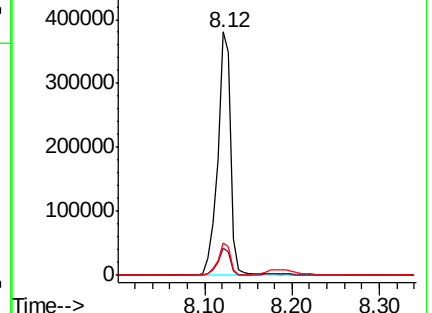
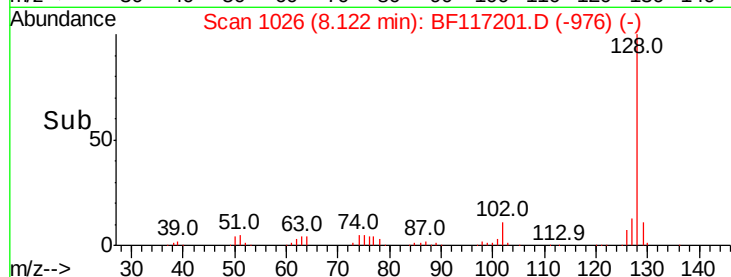
127 13.1 10.8 16.2



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: 39.570 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

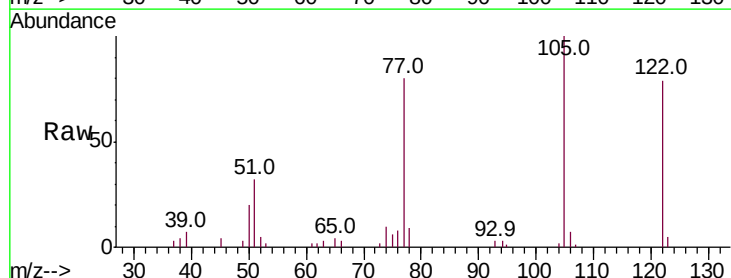
Tgt Ion:122 Resp: 54051

Ion Ratio Lower Upper

122 100

105 126.9 114.8 154.8

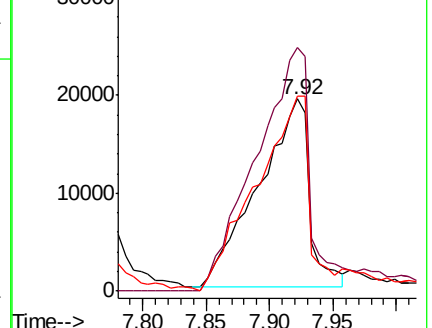
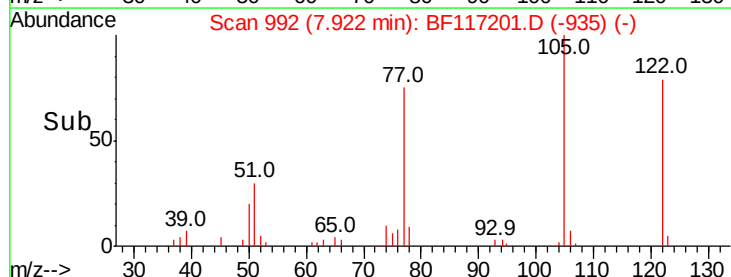
77 101.7 78.7 118.7

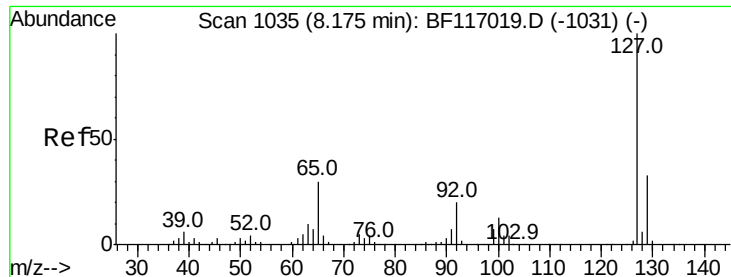


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

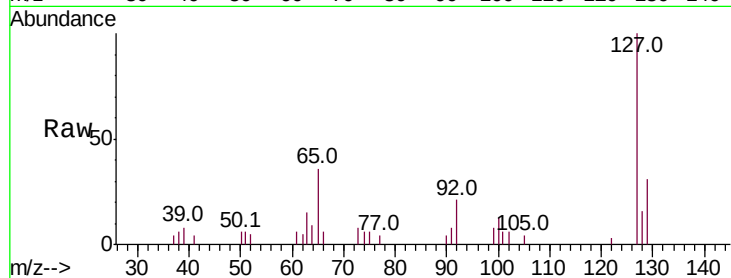




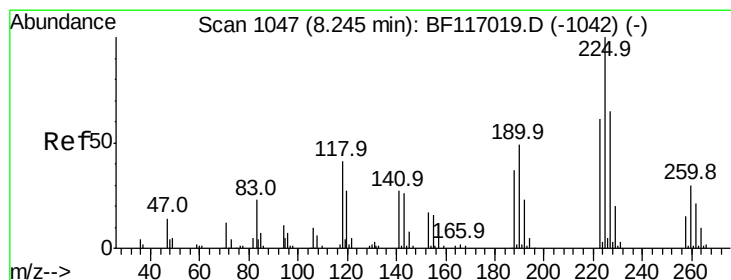
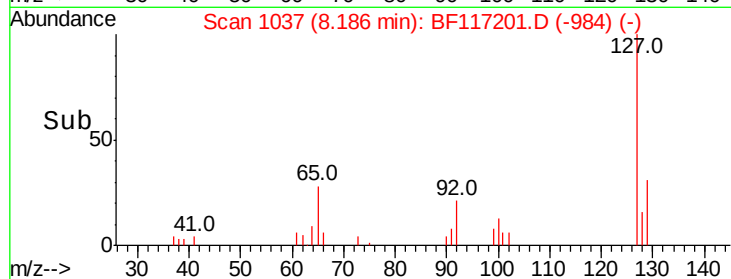
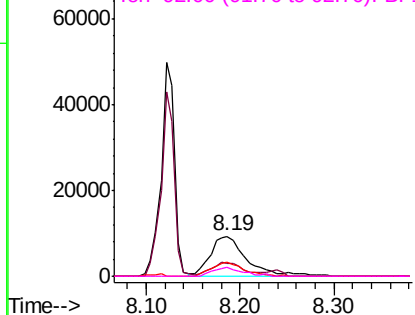
#33
4-Chloroaniline
Concen: 8.160 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	25459
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	36.1	23.5	35.3#
92	21.1	15.9	23.9

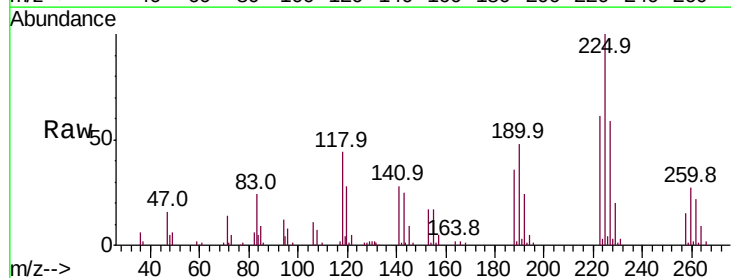


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

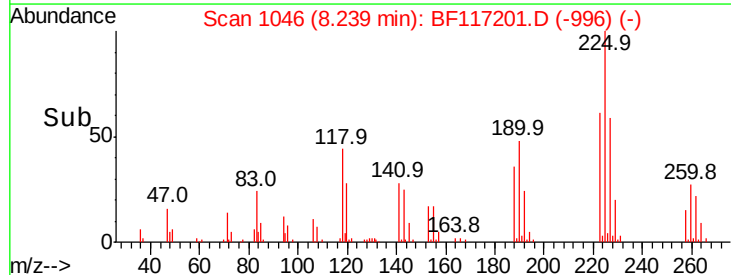
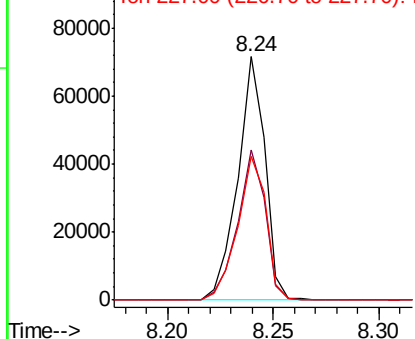


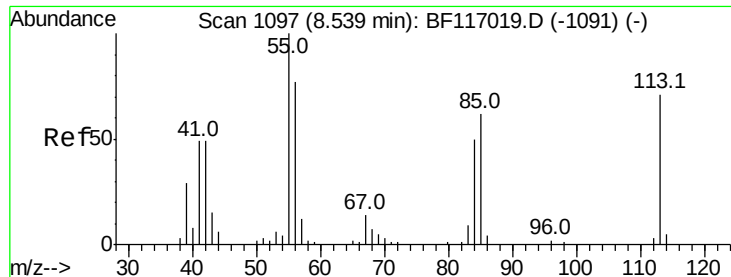
#34
Hexachlorobutadiene
Concen: 53.152 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:	225	Resp:	63924
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	59.2	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

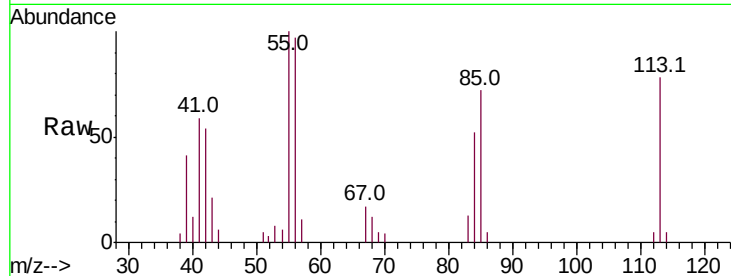




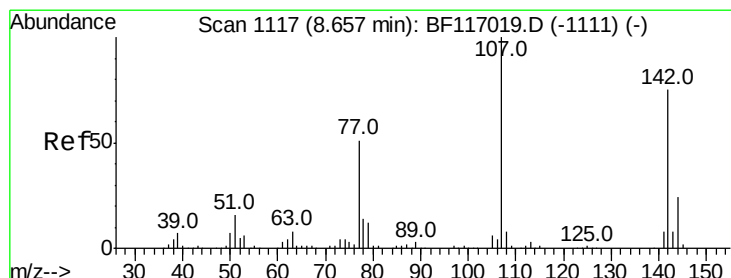
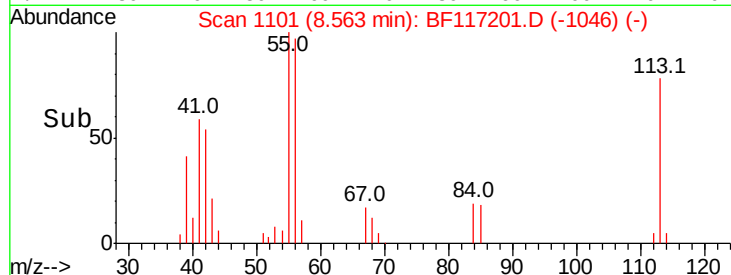
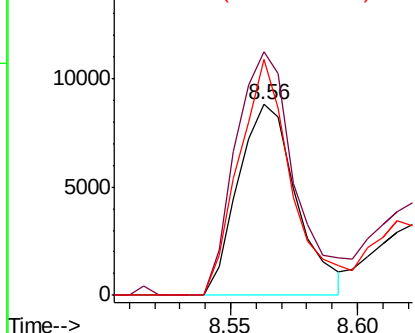
#35
 Caprolactam
 Concen: 21.406 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 14216
 Ion Ratio Lower Upper
 113 100
 55 127.7 120.6 160.6
 56 123.6 88.8 128.8

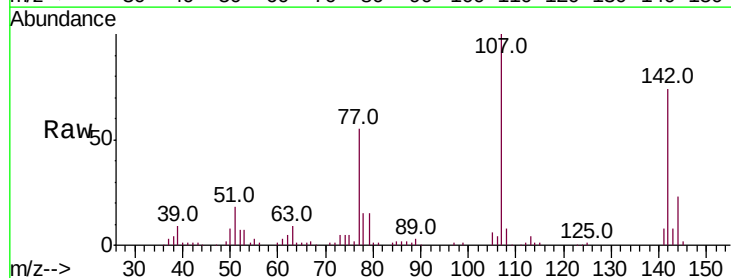


Abundance Ion 113.00 (112.70 to 113.70): E
 15000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

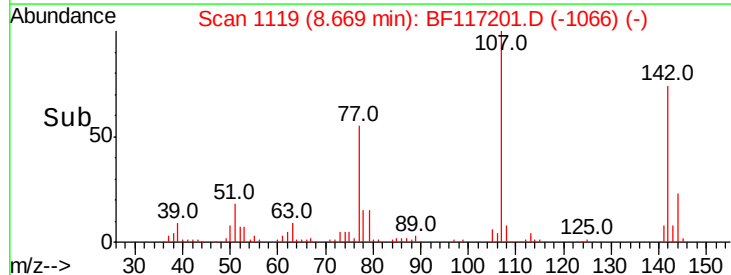
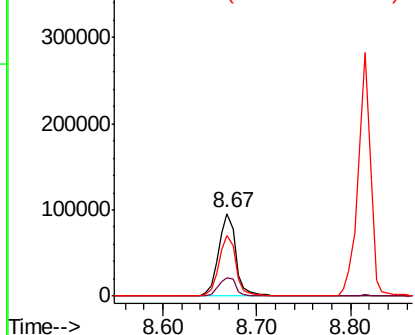


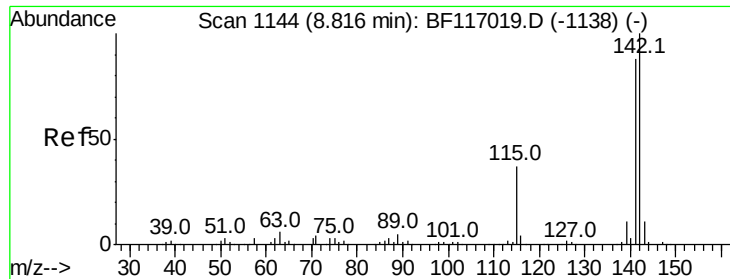
#36
 4-Chloro-3-methylphenol
 Concen: 55.065 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:107 Resp: 125979
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.2 28.8
 142 73.9 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

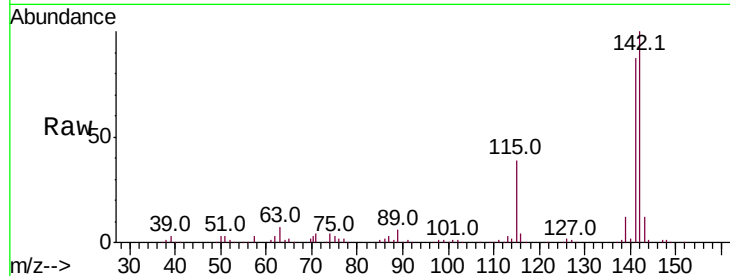




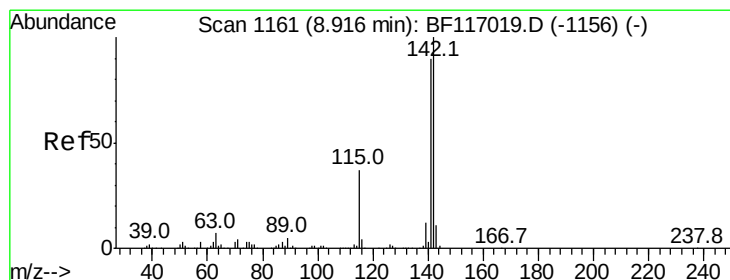
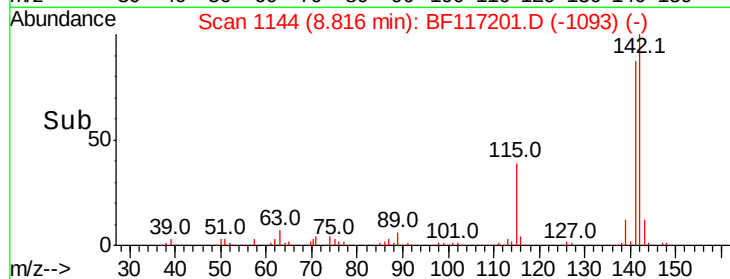
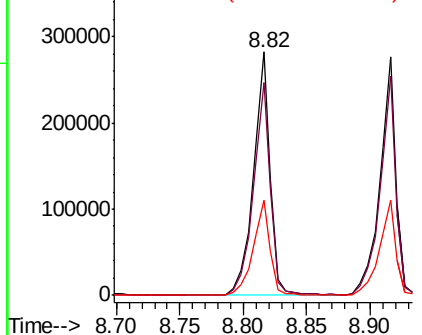
#37
2-Methylnaphthalene
Concen: 55.459 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.7	106.1
115	39.0	29.4	44.0

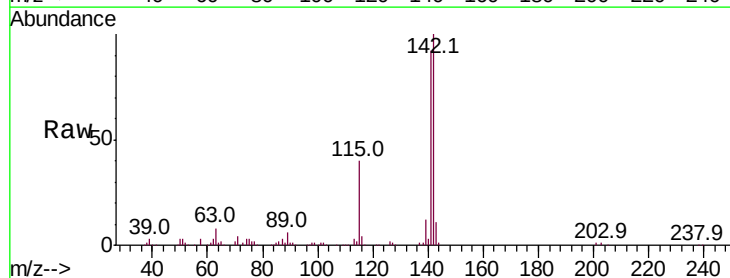


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

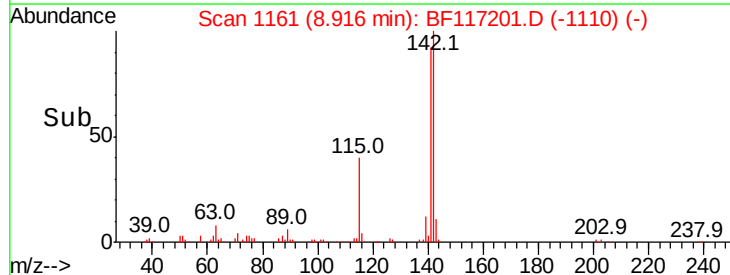
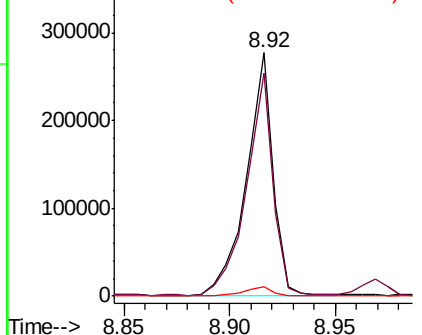


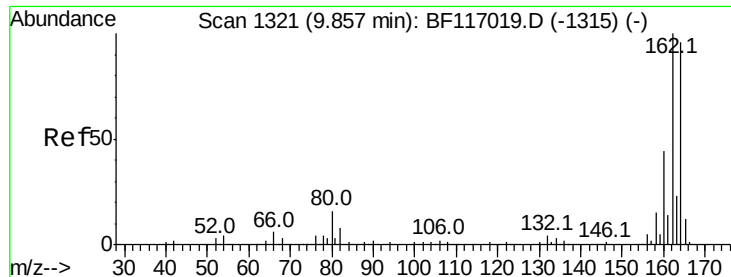
#38
1-Methylnaphthalene
Concen: 54.783 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	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

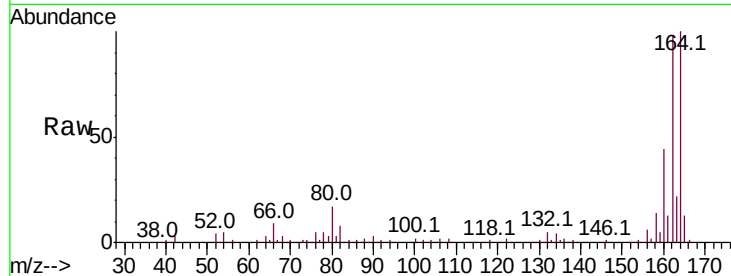




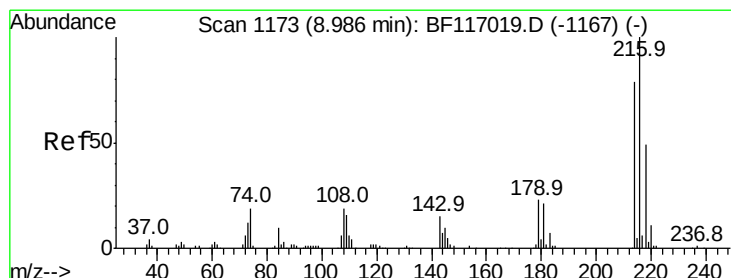
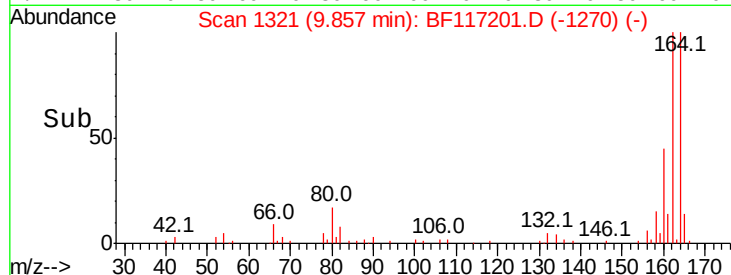
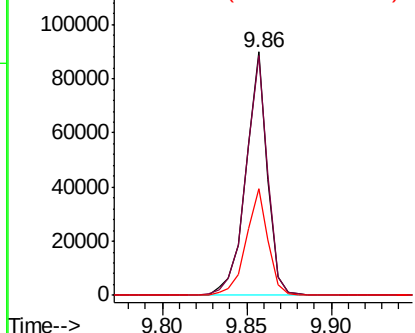
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 79742
Ion Ratio Lower Upper
164 100
162 98.2 83.4 125.2
160 43.9 36.4 54.6

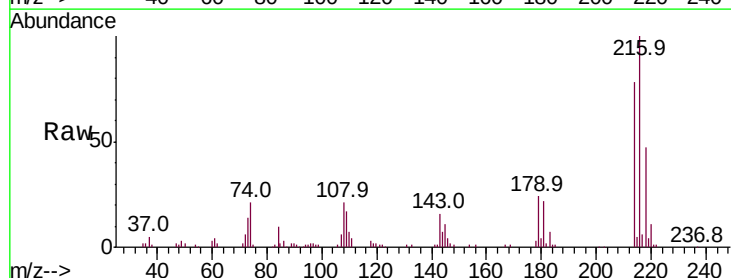


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

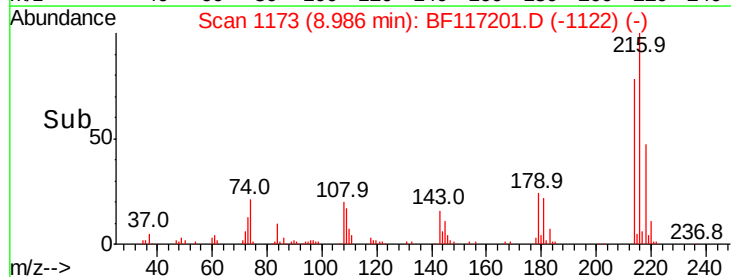
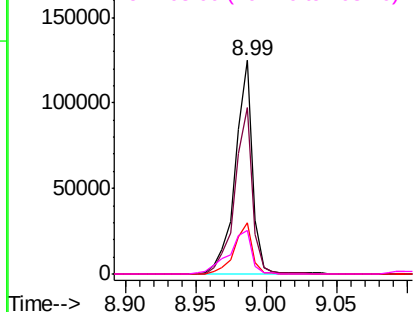


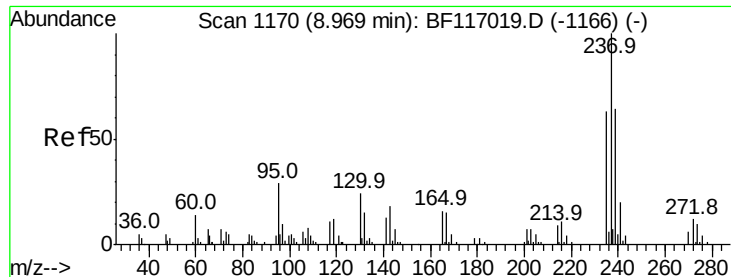
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.836 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:216 Resp: 106739
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 24.4 18.3 27.5
108 27.0 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: 114.341 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

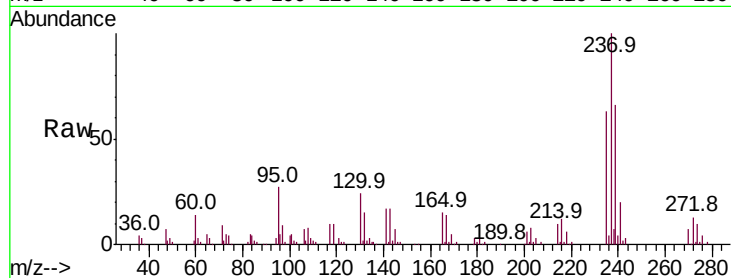
Tot Ion:237 Resp: 107472

Ion Ratio Lower Upper

237 100

235 63.3 43.2 83.2

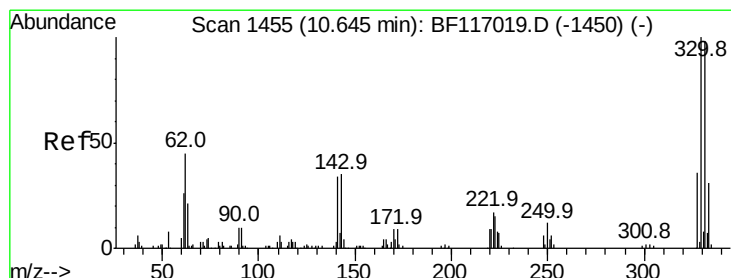
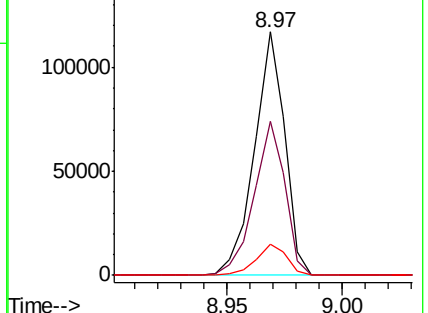
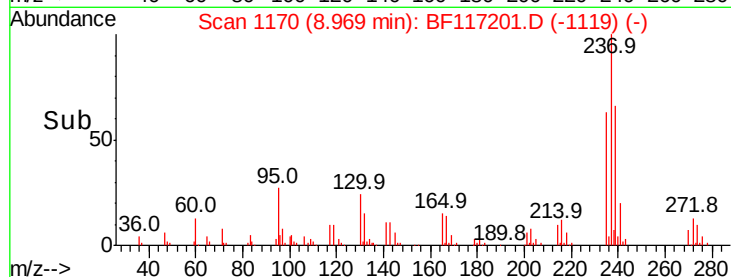
272 12.9 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 173.248 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

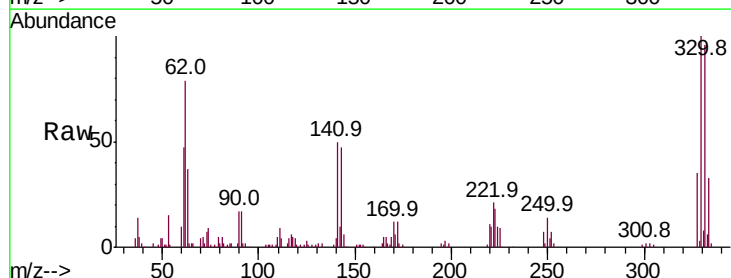
Tgt Ion:330 Resp: 115463

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

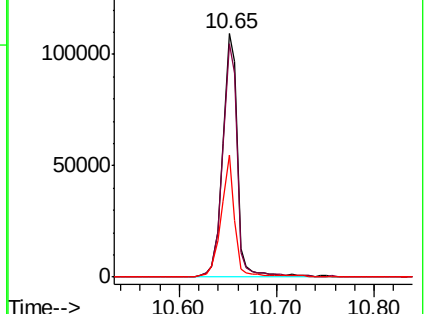
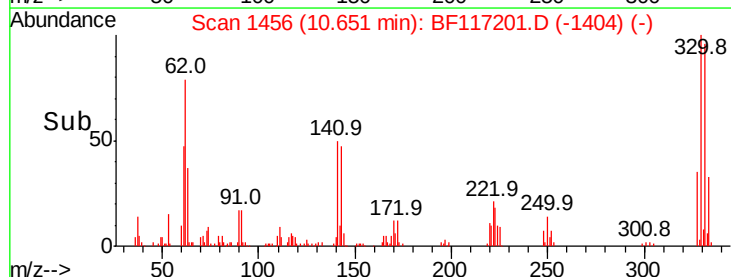
141 45.0 35.8 53.6

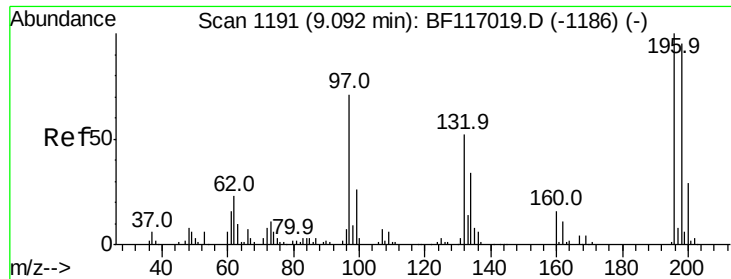


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

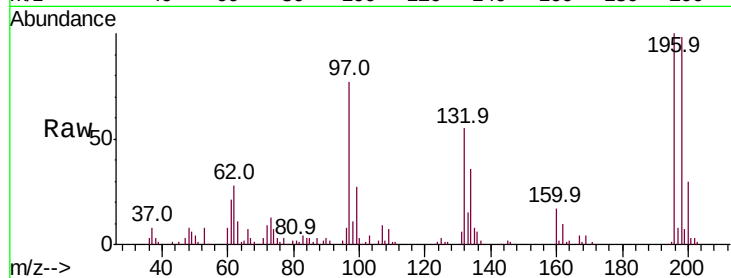




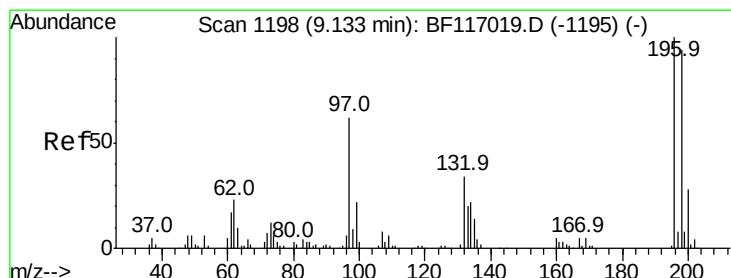
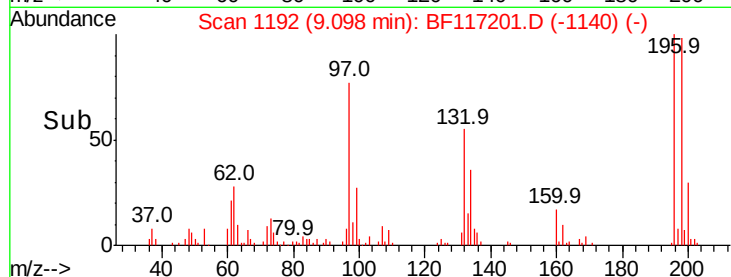
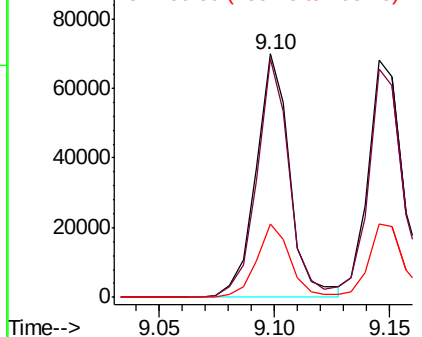
#43
 2,4,6-Trichlorophenol
 Concen: 51.049 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 71336
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.7 113.5
 200 30.1 23.3 34.9

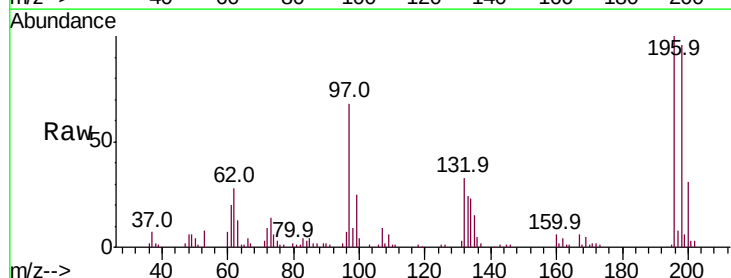


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

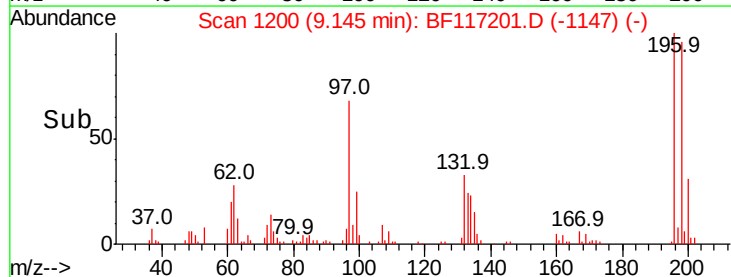
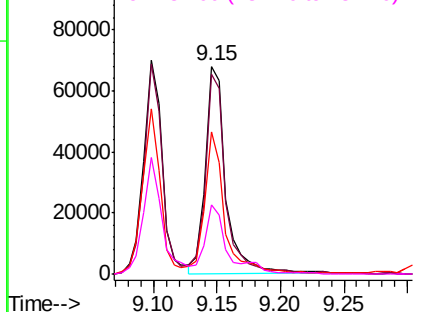


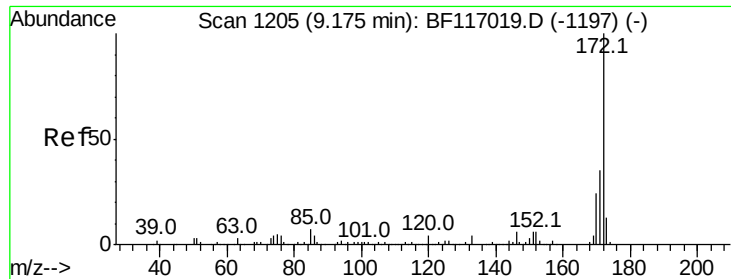
#44
 2,4,5-Trichlorophenol
 Concen: 51.654 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:196 Resp: 77119
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 68.4 49.5 74.3
 132 33.2 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

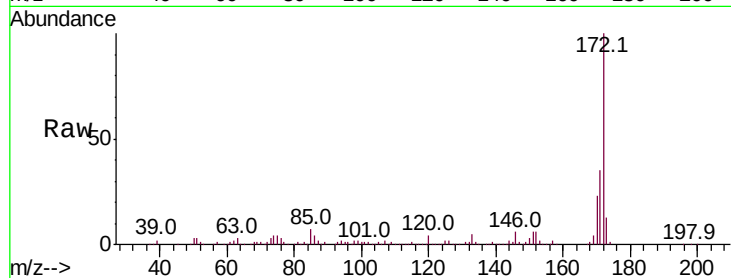




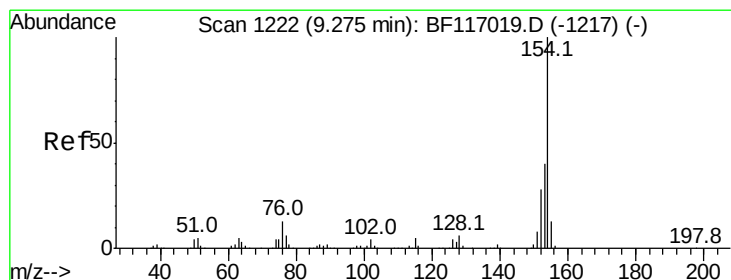
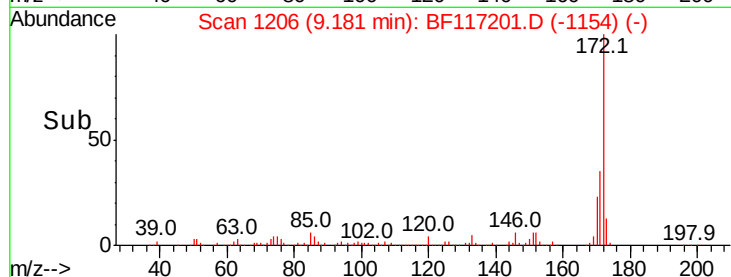
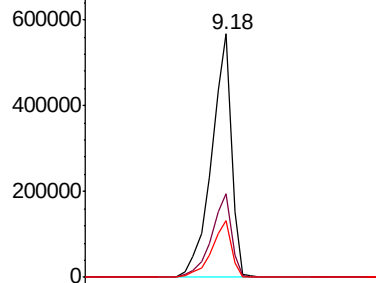
#45
2-Fluorobiphenyl
Concen: 109.287 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.1	18.9	28.3

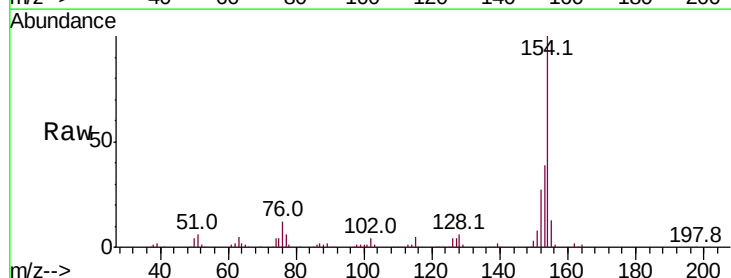


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

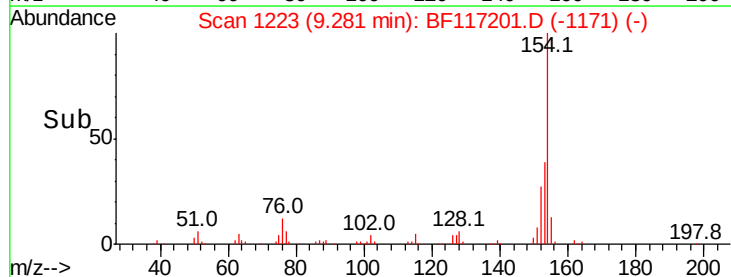
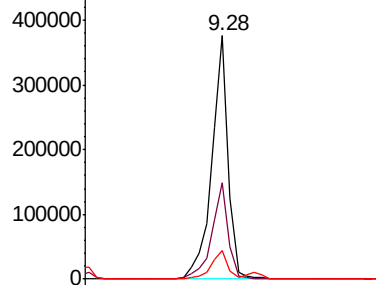


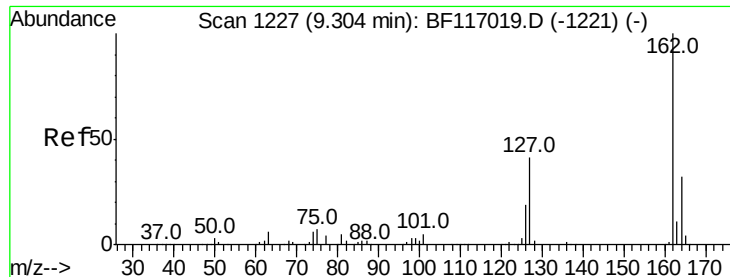
#46
1,1'-Biphenyl
Concen: 51.106 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.9	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

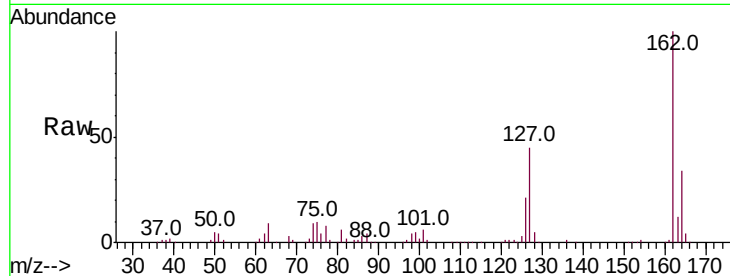




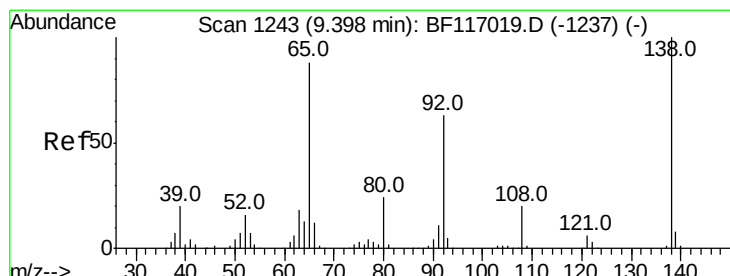
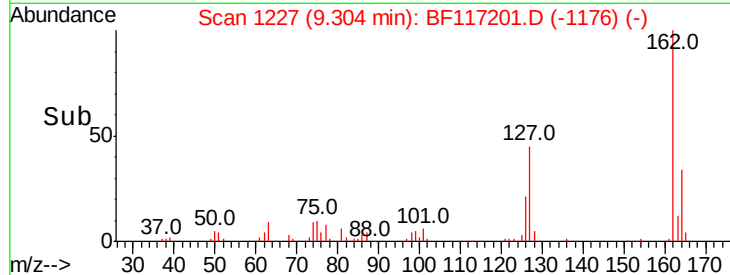
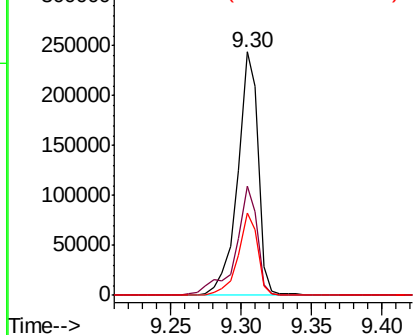
#47
 2-Chloronaphthalene
 Concen: 50.069 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.1	34.1	51.1
164	33.6	25.9	38.9

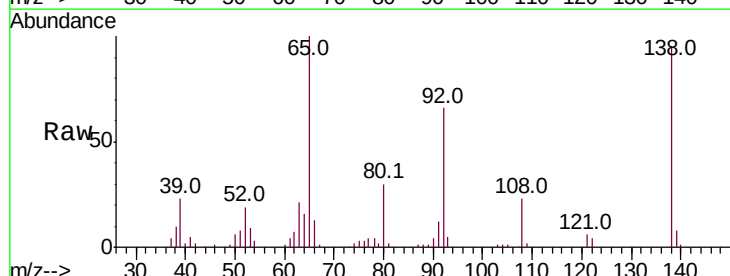


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

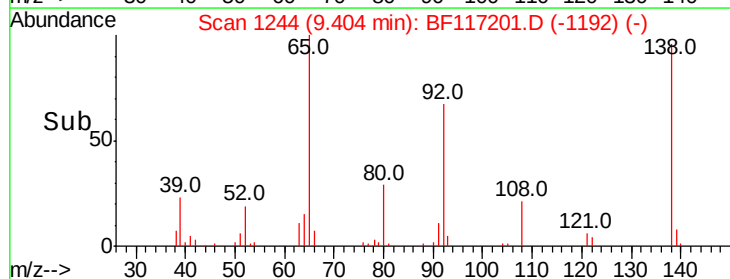
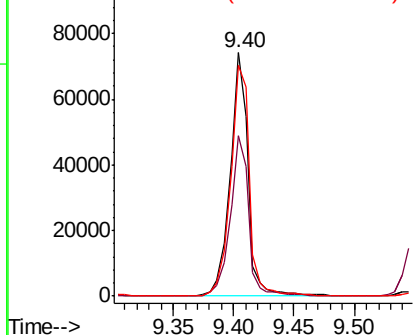


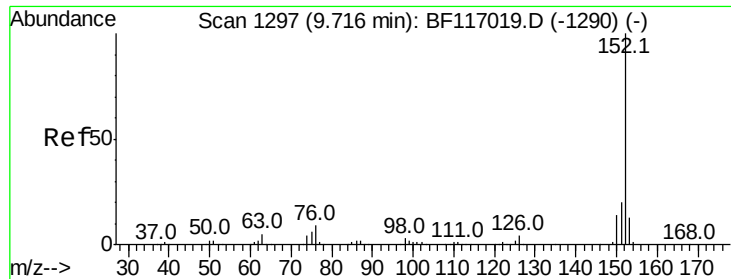
#48
 2-Nitroaniline
 Concen: 48.273 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	57.5	86.3
138	94.9	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.997 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampled :

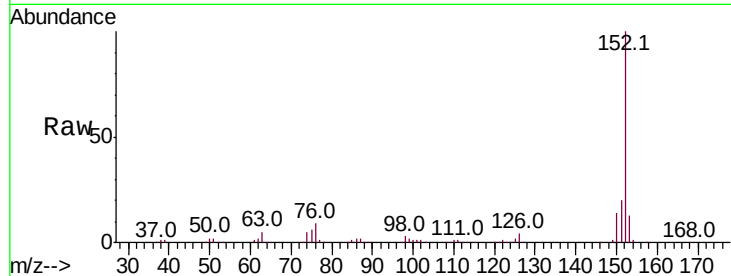
Tot Ion:152 Resp: 384527

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

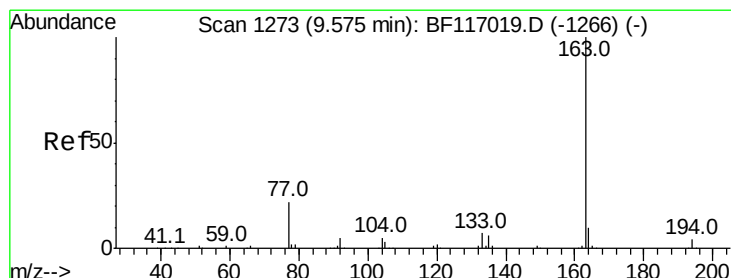
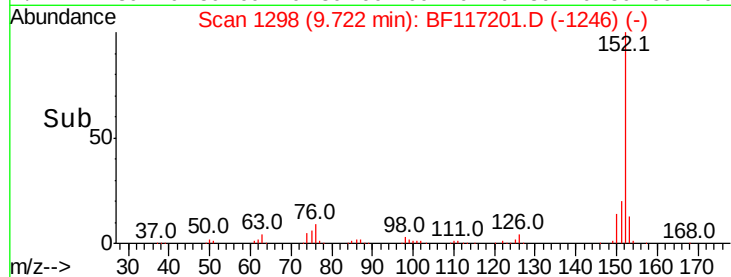
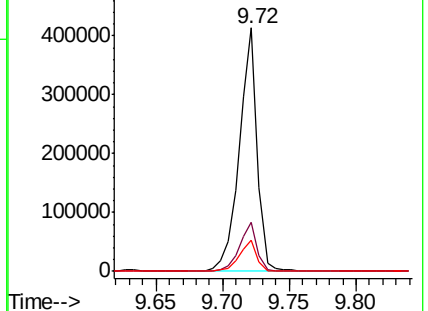
153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.872 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

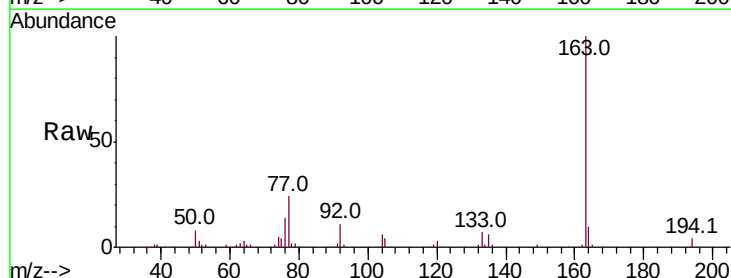
Tgt Ion:163 Resp: 304171

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

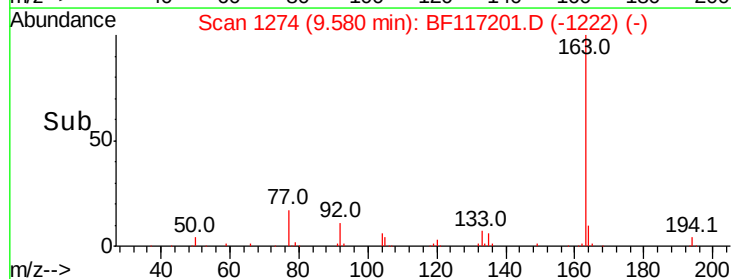
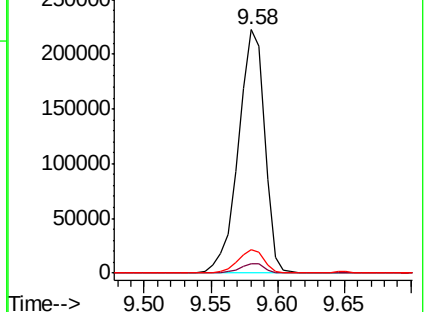
164 9.9 8.2 12.4

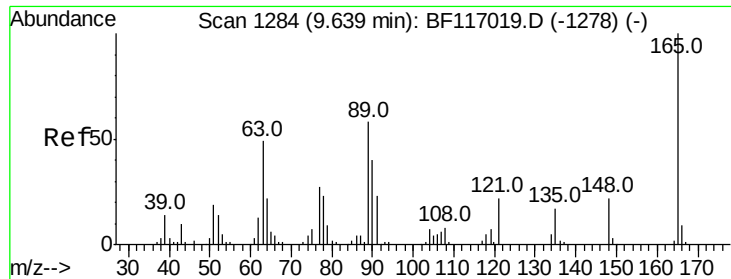


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

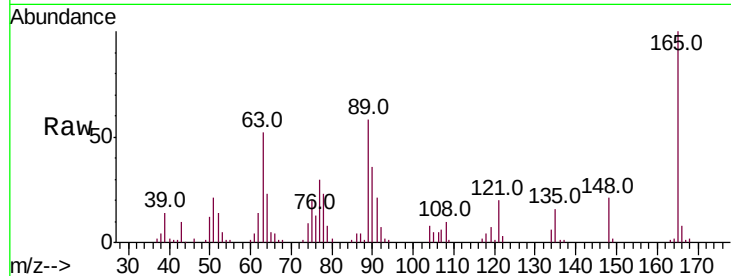




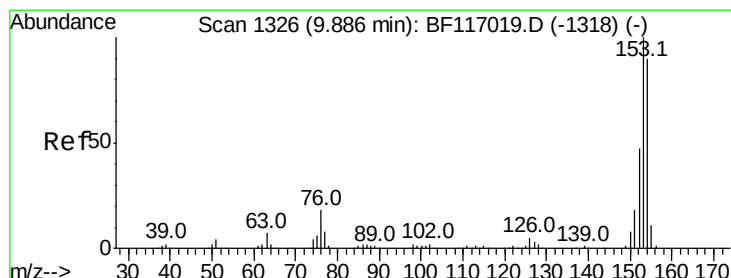
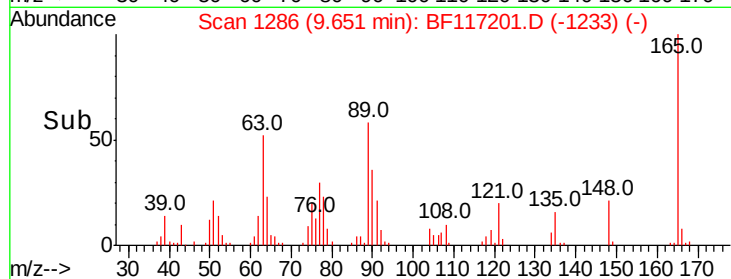
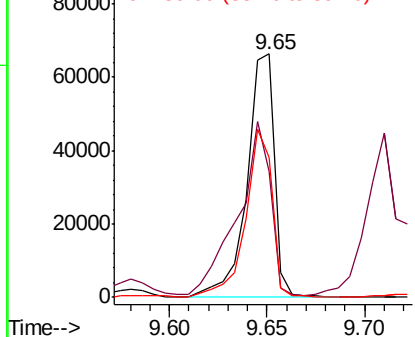
#51
 2,6-Dinitrotoluene
 Concen: 56.482 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 64951
 Ion Ratio Lower Upper
 165 100
 63 51.9 41.8 62.8
 89 57.6 46.5 69.7

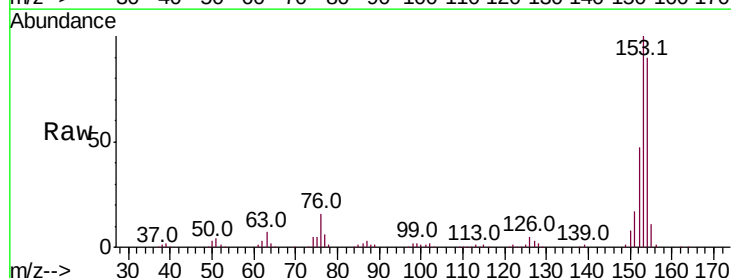


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

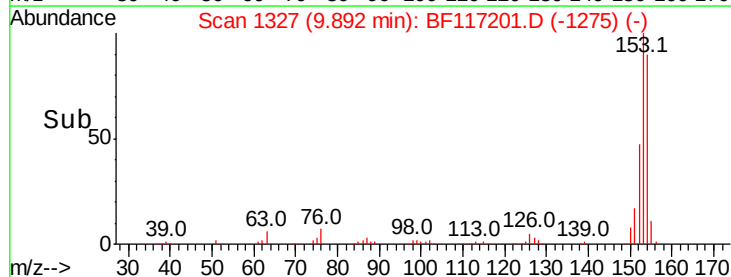
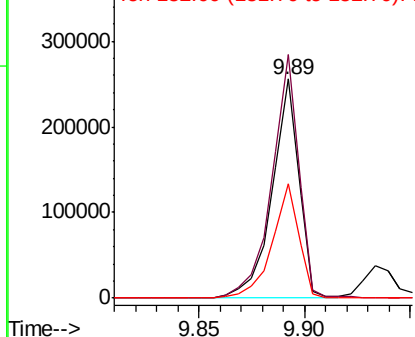


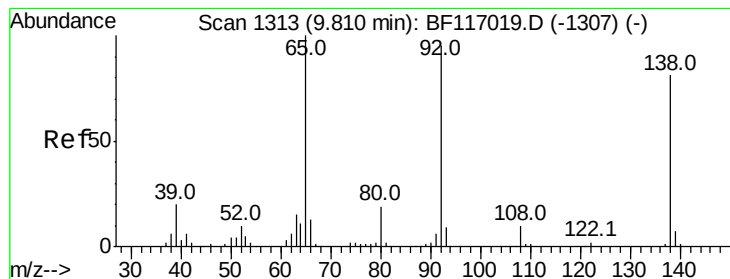
#52
 Acenaphthene
 Concen: 51.514 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:154 Resp: 225825
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.0 133.6
 152 52.4 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: 14.036 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

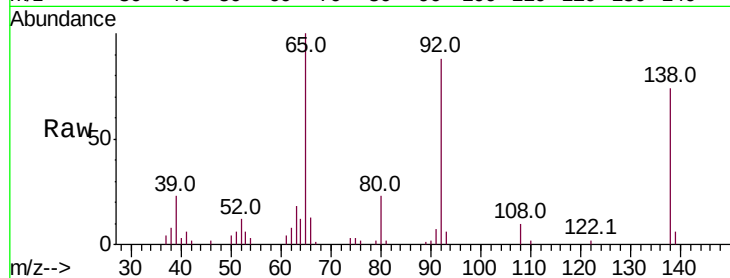
Tot Ion:138 Resp: 20364

Ion Ratio Lower Upper

138 100

108 12.9 9.5 14.3

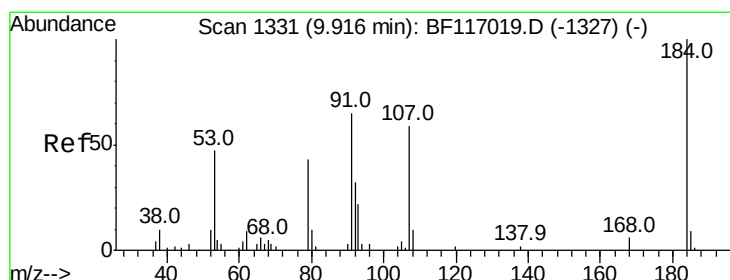
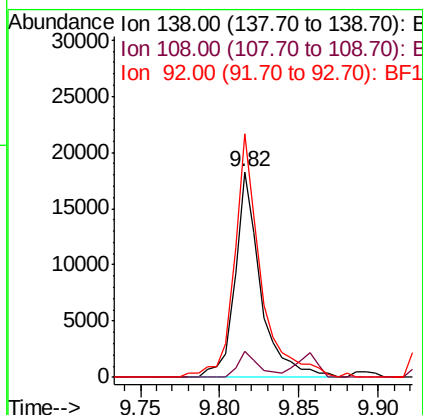
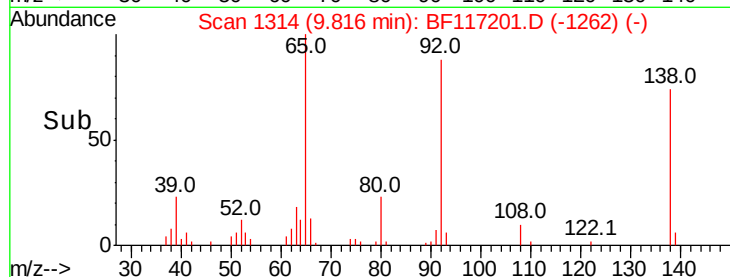
92 118.6 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 102.437 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

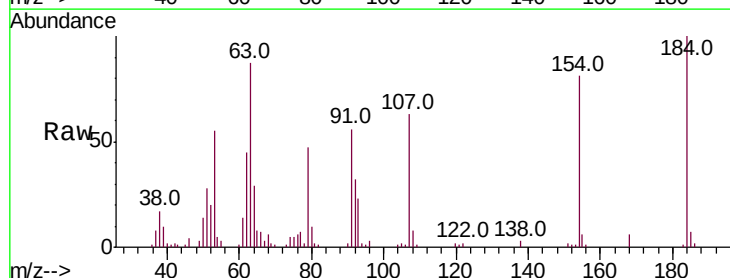
Tgt Ion:184 Resp: 52305

Ion Ratio Lower Upper

184 100

63 86.9 63.8 95.6

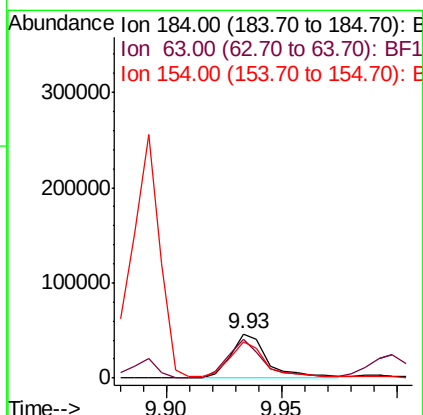
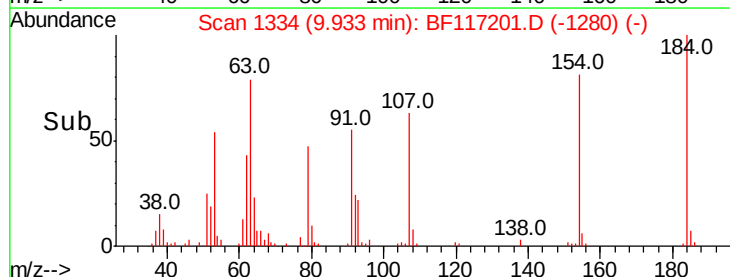
154 80.6 60.4 90.6

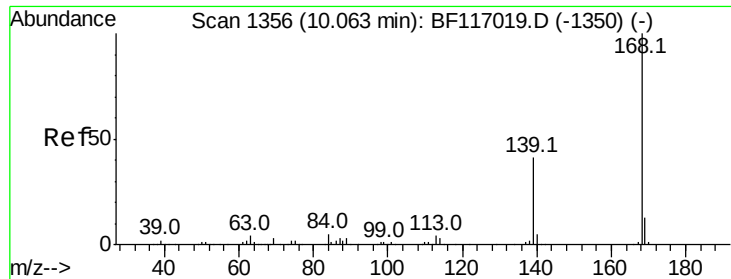


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 54.435 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampled :

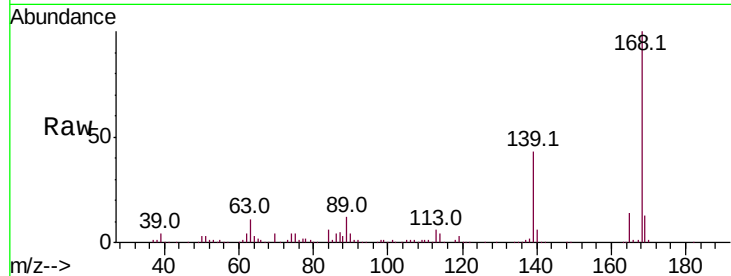
Tot Ion:168 Resp: 352081

Ion Ratio Lower Upper

168 100

139 43.1 32.8 49.2

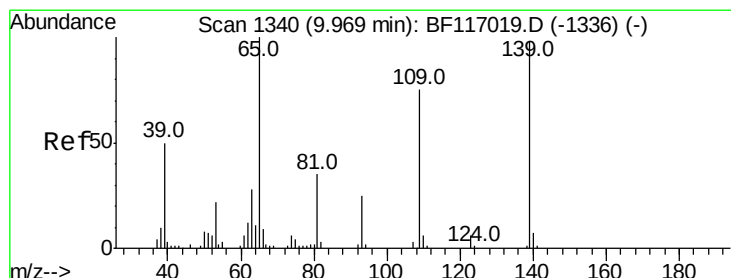
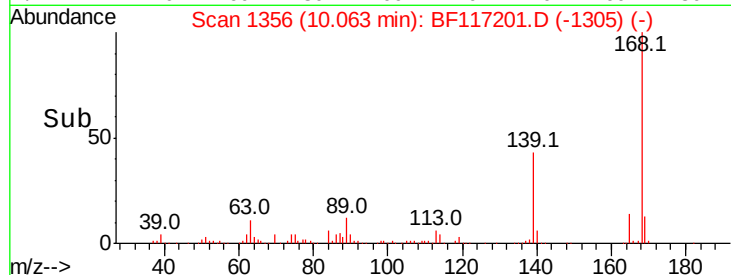
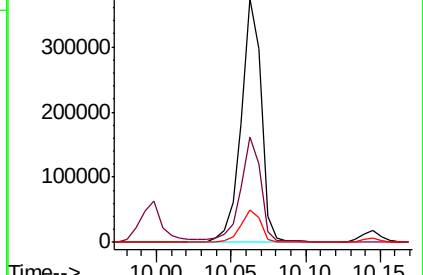
169 13.4 10.5 15.7



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: 72.665 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.03 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

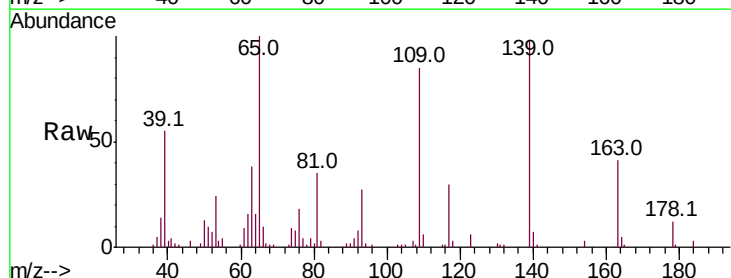
Tgt Ion:139 Resp: 68329

Ion Ratio Lower Upper

139 100

109 87.3 56.4 96.4

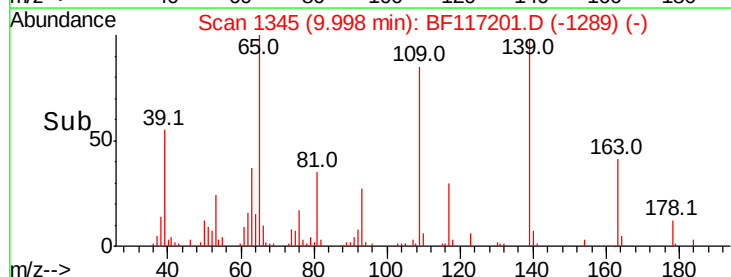
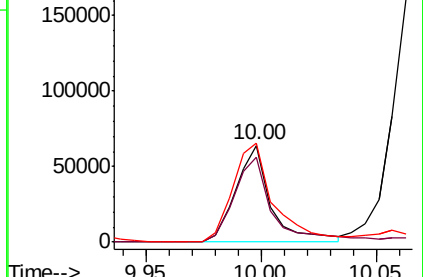
65 102.2 82.5 122.5

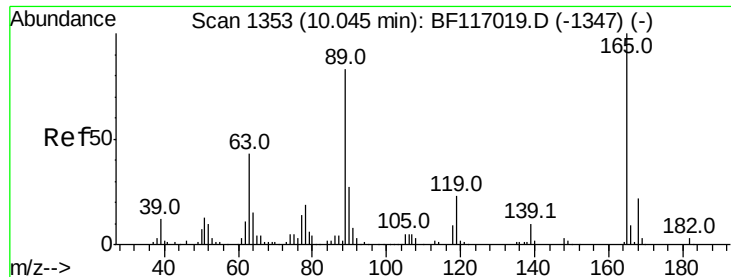


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

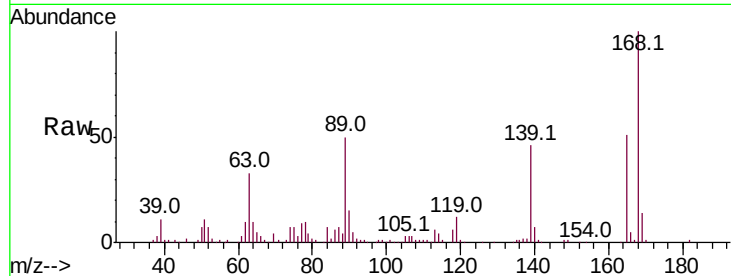




#57
 2,4-Dinitrotoluene
 Concen: 57.080 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.4	35.0	52.4#
89	97.1	66.1	99.1
182	2.5	2.0	3.0

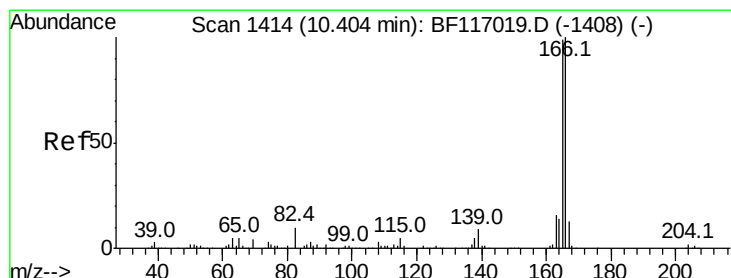
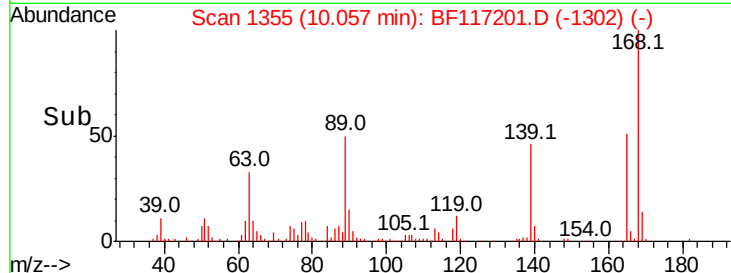
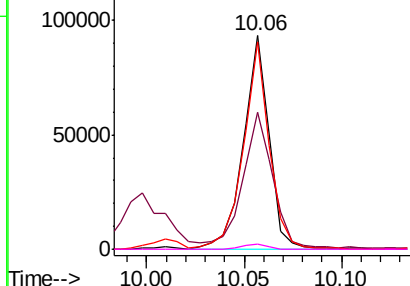


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

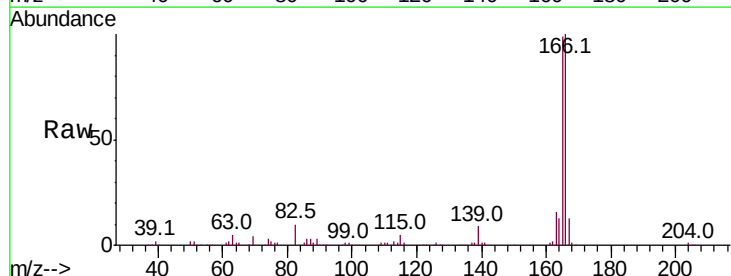
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 55.285 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

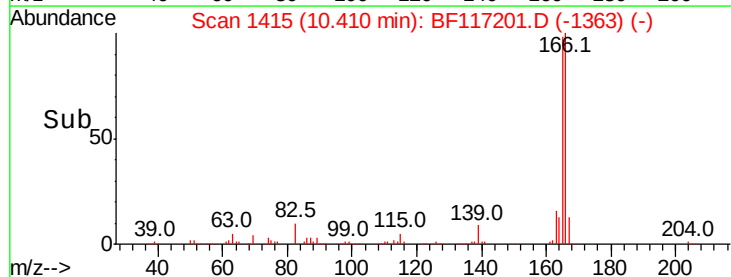
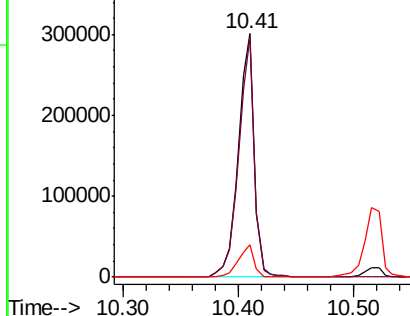
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	13.3	10.6	15.8

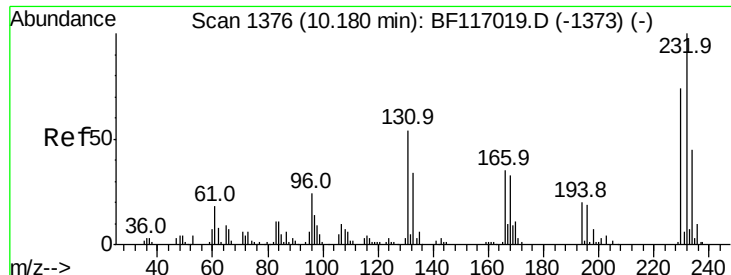


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

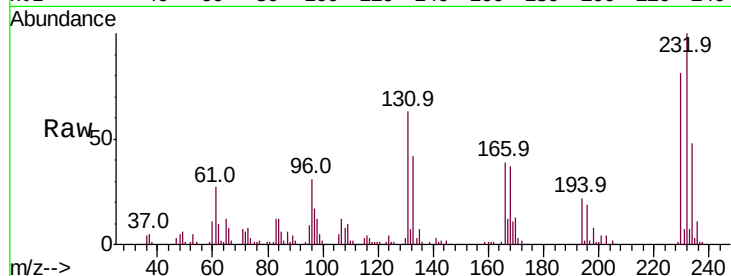




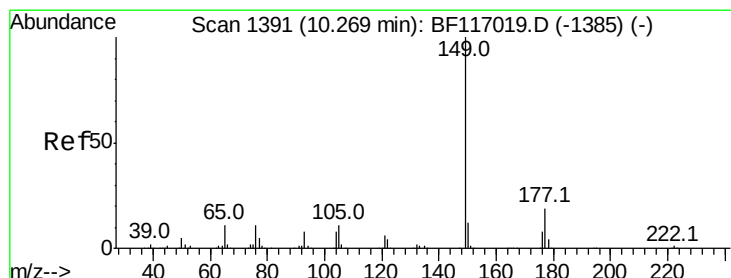
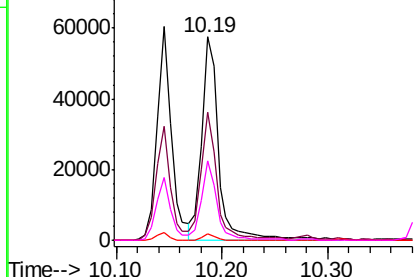
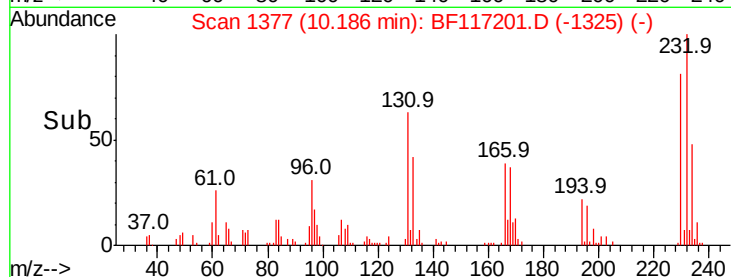
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.373 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 64407
Ion Ratio Lower Upper
232 100
131 56.0 45.3 67.9
130 2.4 1.8 2.8
166 35.5 29.4 44.2

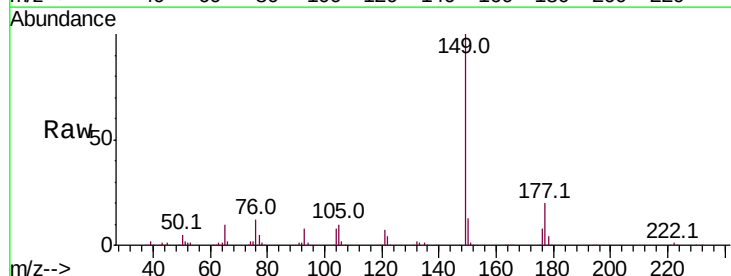


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

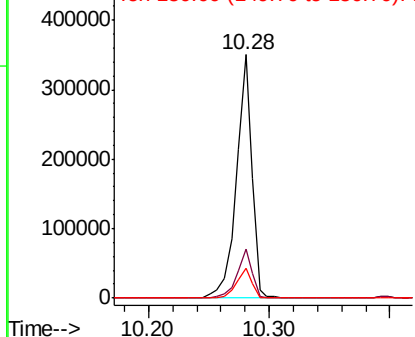
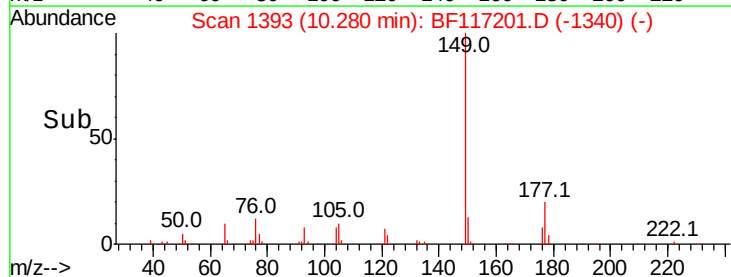


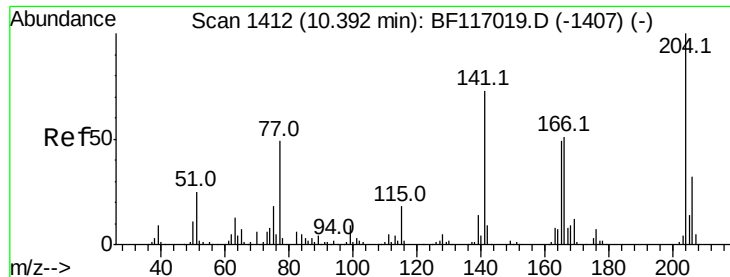
#60
Diethylphthalate
Concen: 56.426 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:149 Resp: 313437
Ion Ratio Lower Upper
149 100
177 20.1 15.2 22.8
150 12.5 9.9 14.9



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

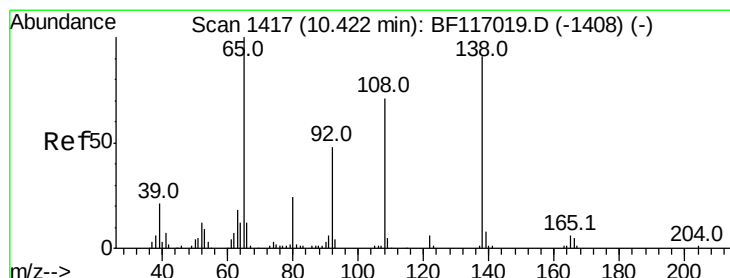
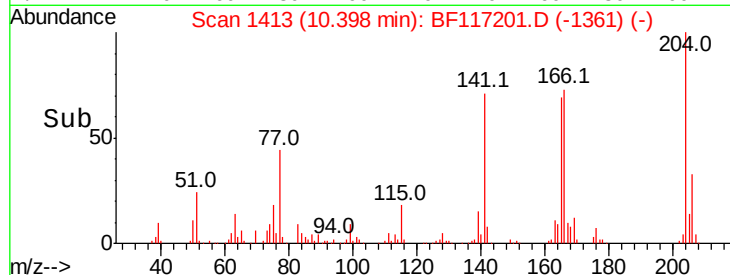
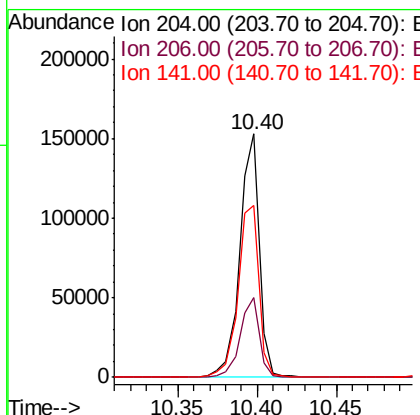
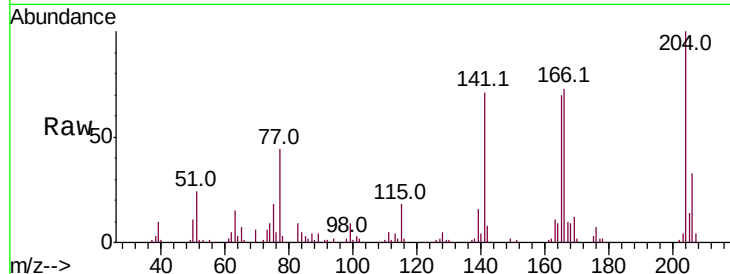




#61
 4-Chlorophenyl-phenylether
 Concen: 57.863 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

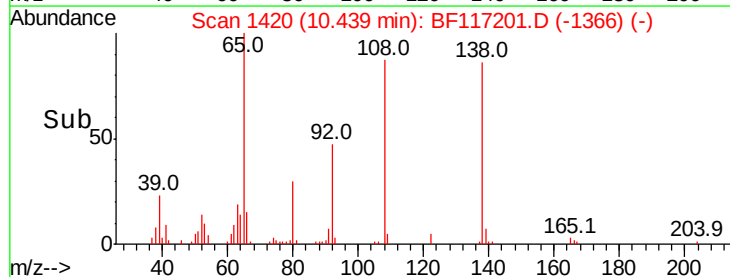
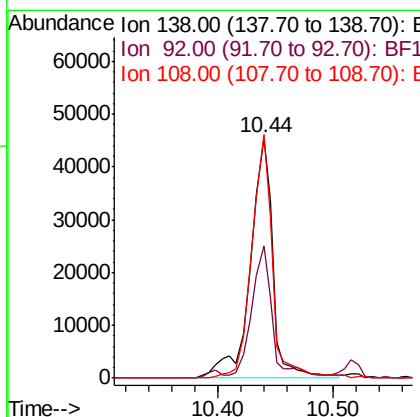
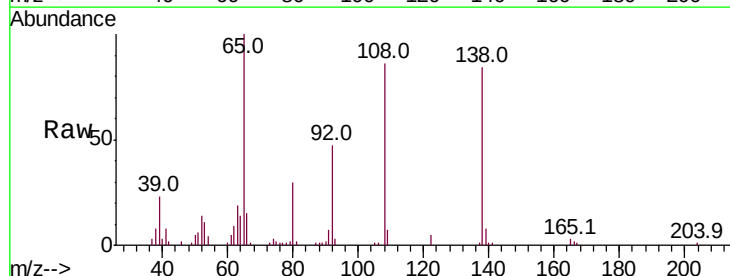
Instrument :
 BNA_F
 ClientSampled :

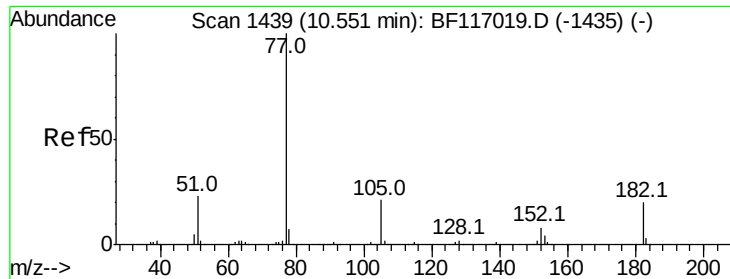
Tot Ion:204 Resp: 130437
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 70.6 58.2 87.2



#62
 4-Nitroaniline
 Concen: 40.999 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.02 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:138 Resp: 61861
 Ion Ratio Lower Upper
 138 100
 92 55.3 32.9 72.9
 108 101.3 58.3 98.3#

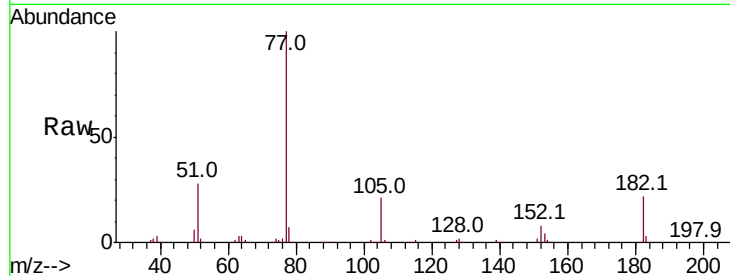




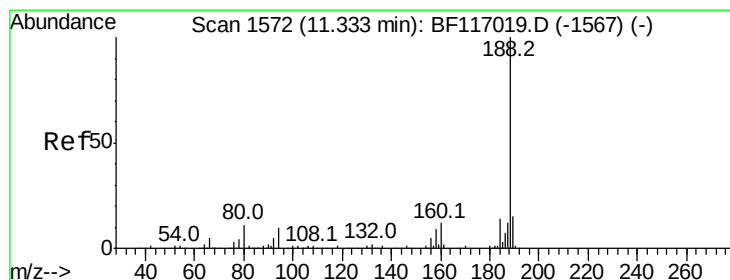
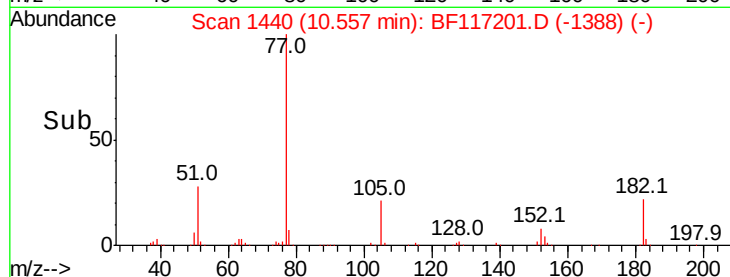
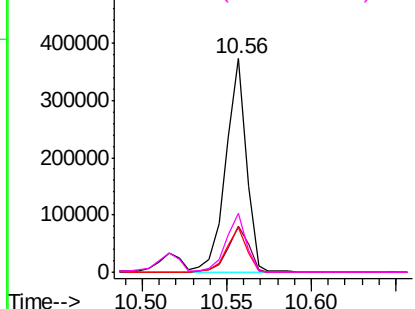
#63
Azobenzene
Concen: 55.406 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 314335
Ion Ratio Lower Upper
77 100
182 21.7 0.4 40.4
105 20.7 0.9 40.9
51 27.6 2.8 42.8

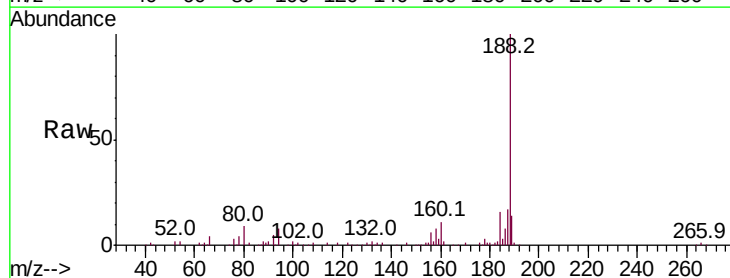


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

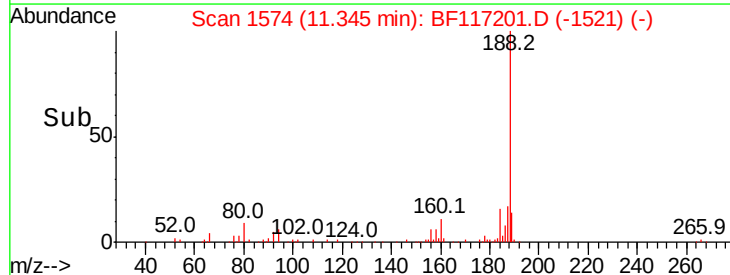
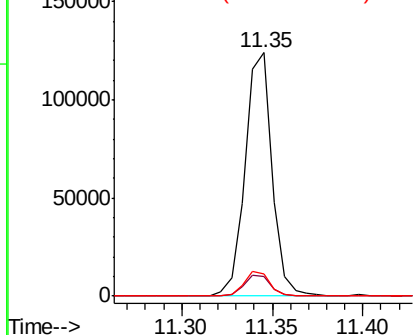


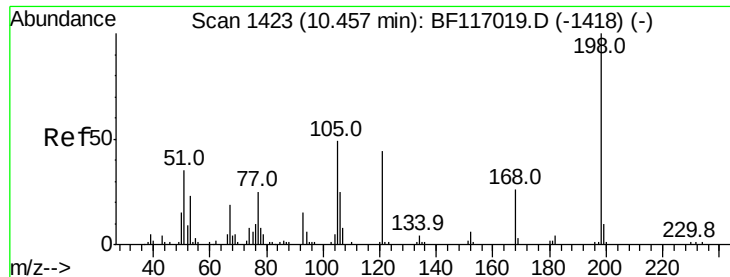
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion: 188 Resp: 127868
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

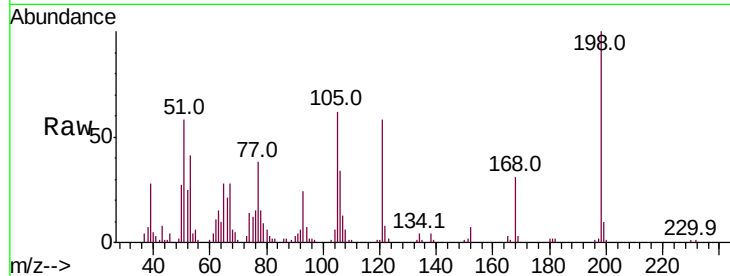




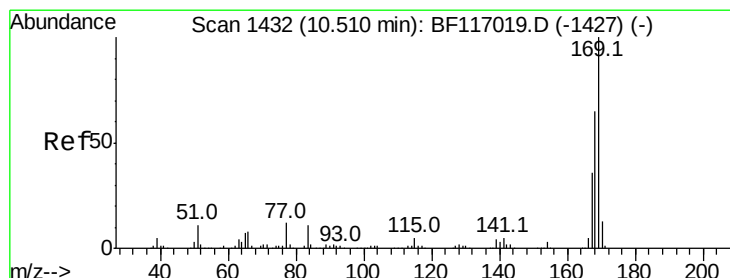
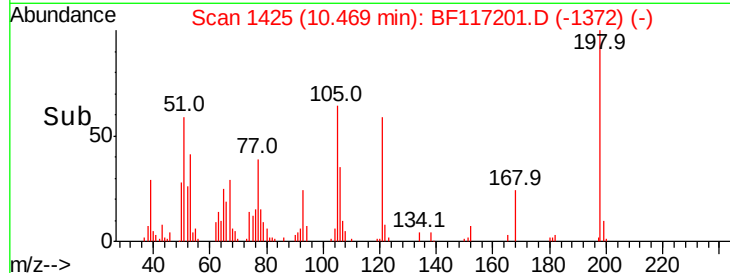
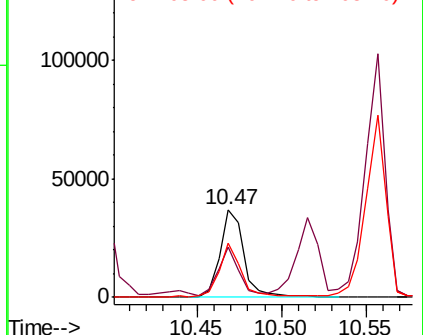
#65
4,6-Dinitro-2-methylphenol
Concen: 60.657 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 36579
Ion Ratio Lower Upper
198 100
51 58.1 18.7 58.7
105 62.5 30.2 70.2

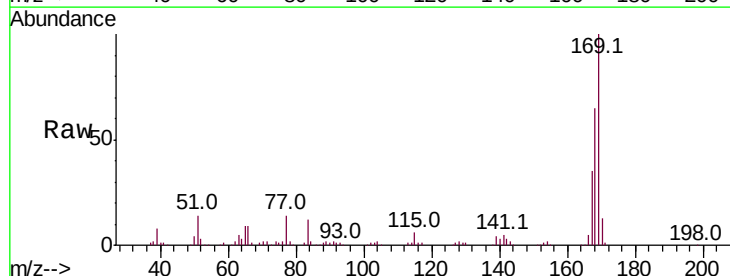


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

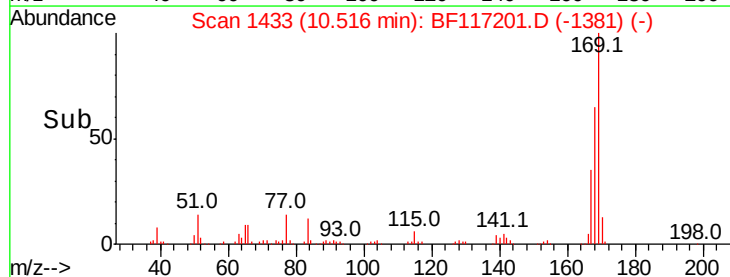
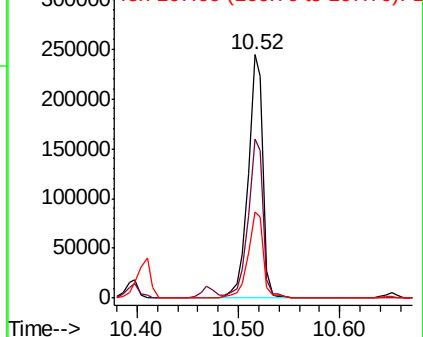


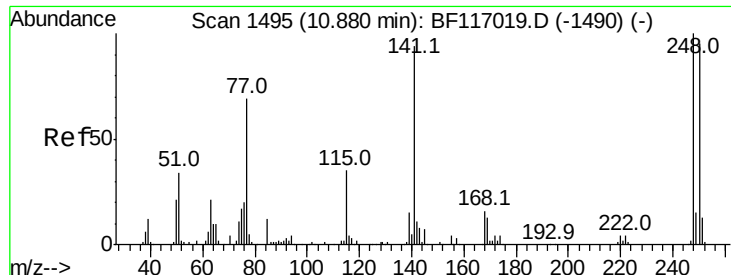
#66
n-Nitrosodiphenylamine
Concen: 55.939 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:169 Resp: 247028
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.2
167 35.4 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

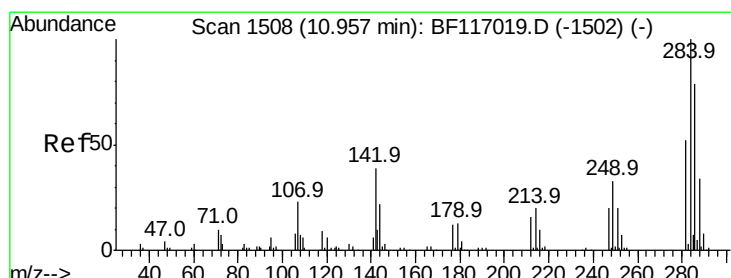
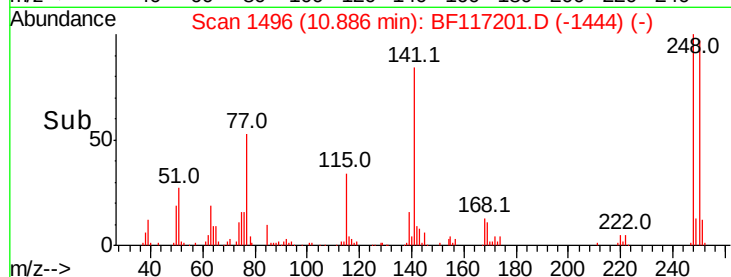
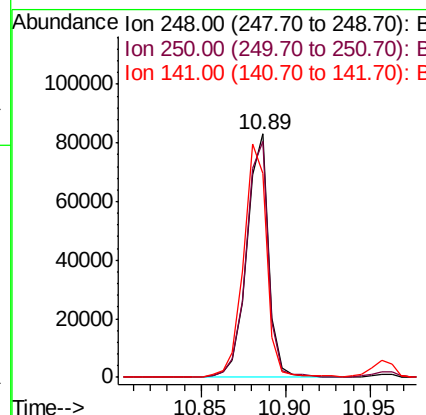
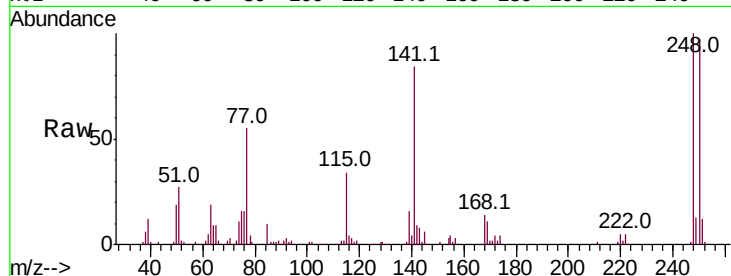




#67
 4-Bromophenyl-phenylether
 Concen: 57.149 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

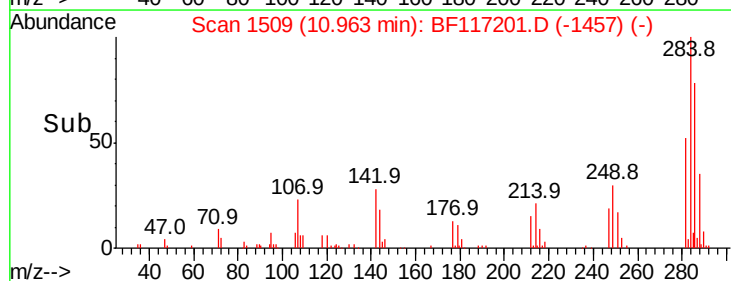
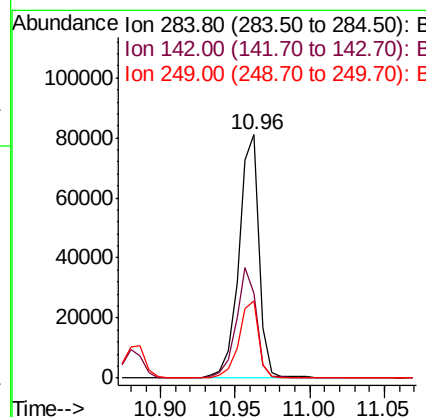
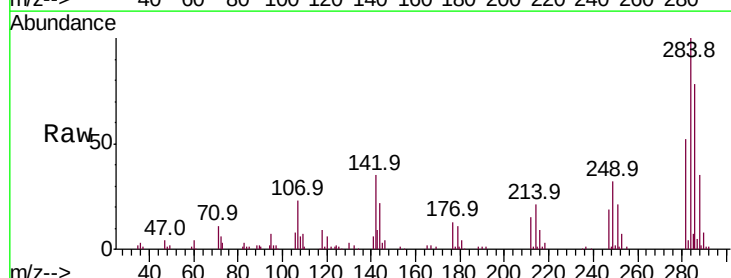
Instrument :
 BNA_F
 ClientSampleId :

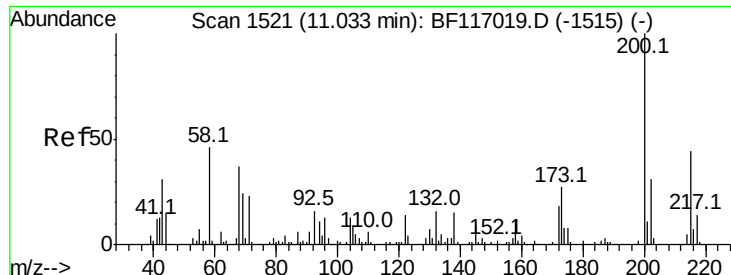
Tot Ion:248 Resp: 74628
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.2 114.4
 141 83.7 75.0 112.4



#68
 Hexachlorobenzene
 Concen: 54.214 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:284 Resp: 77433
 Ion Ratio Lower Upper
 284 100
 142 35.1 31.4 47.2
 249 31.6 26.5 39.7

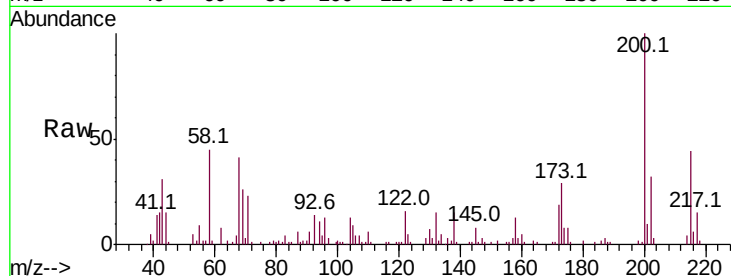




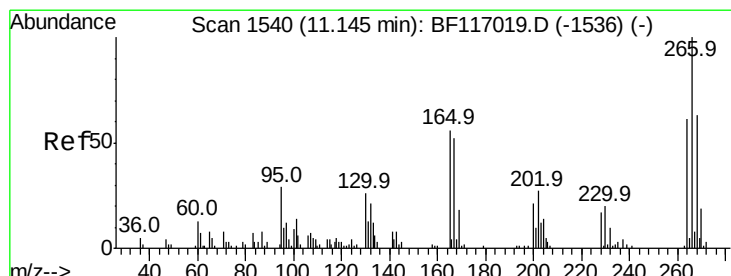
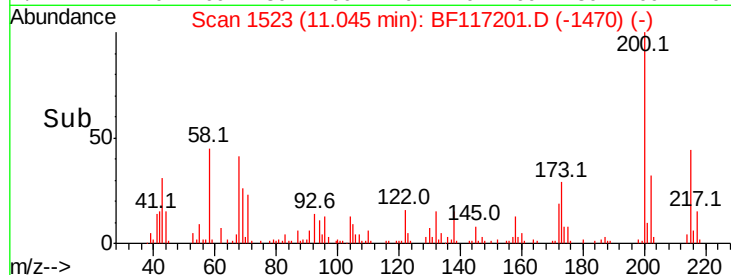
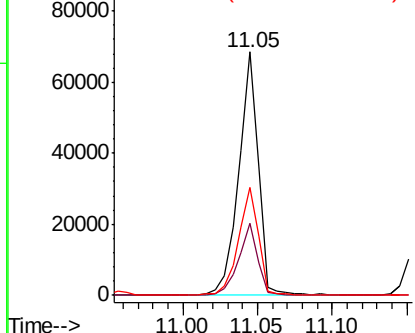
#69
 Atrazine
 Concen: 64.233 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 62831
 Ion Ratio Lower Upper
 200 100
 173 29.4 6.9 46.9
 215 44.3 23.8 63.8

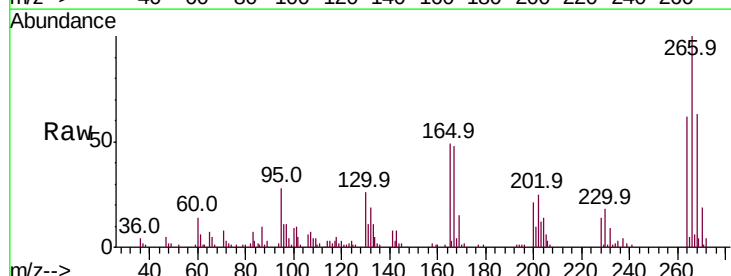


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

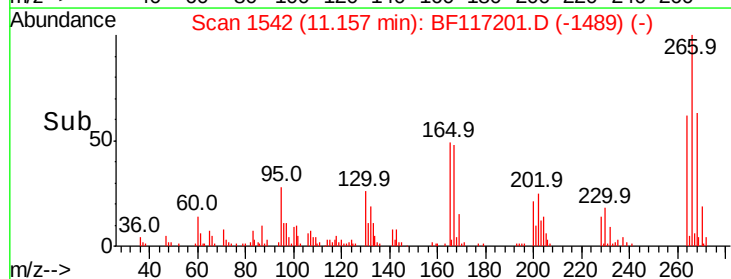
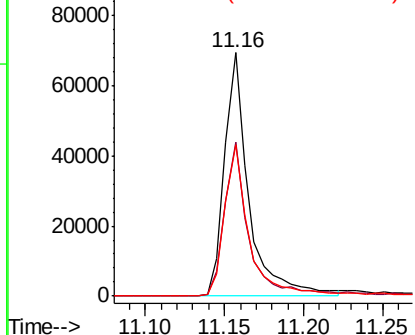


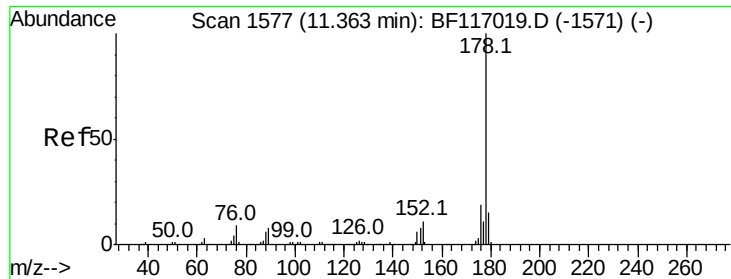
#70
 Pentachlorophenol
 Concen: 110.454 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:266 Resp: 73949
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.5 75.7
 264 62.3 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: 54.096 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

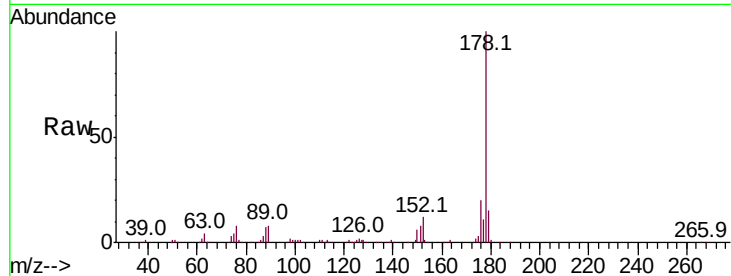
Tot Ion:178 Resp: 392891

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

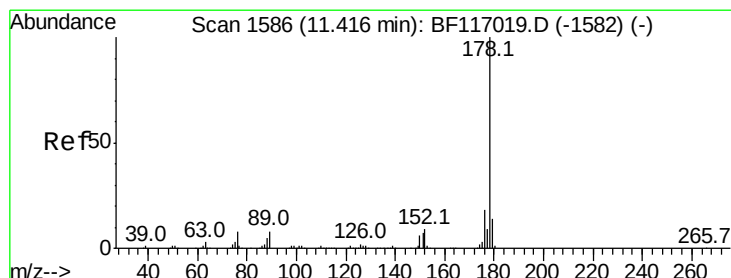
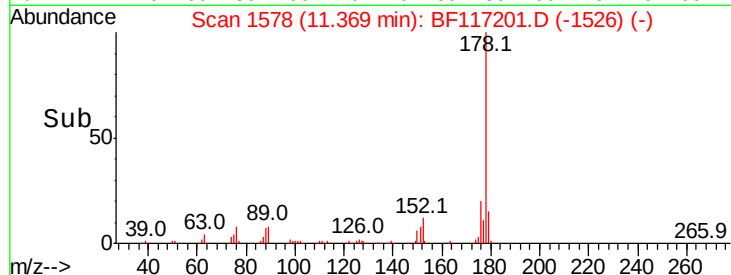
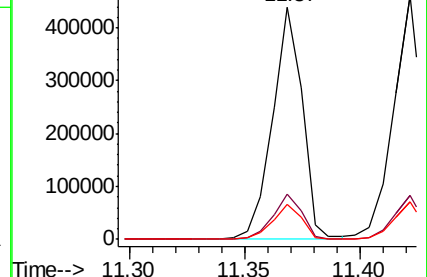
179 15.2 12.4 18.6



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: 54.908 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

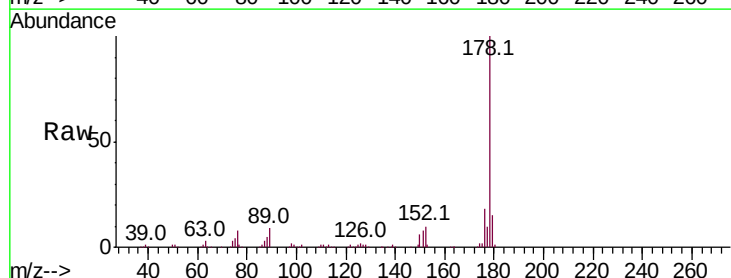
Tgt Ion:178 Resp: 407133

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

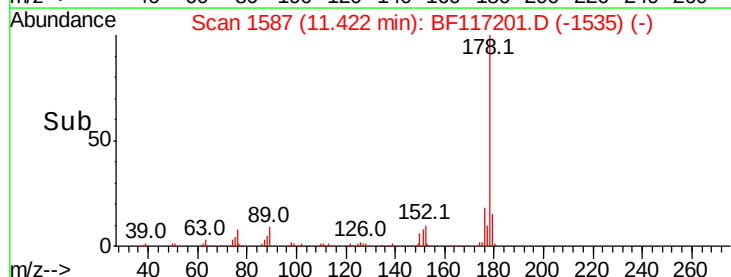
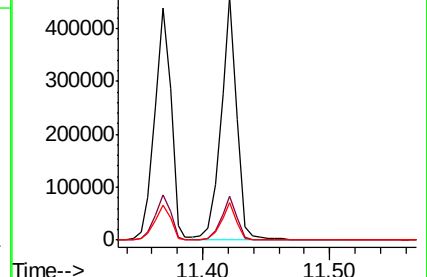
179 15.3 11.6 17.4

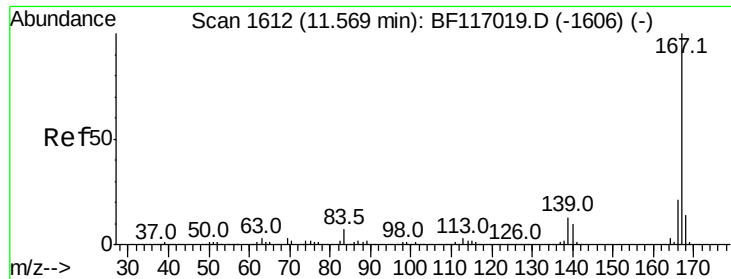


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

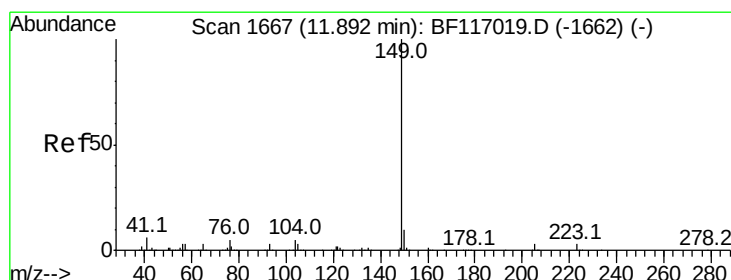
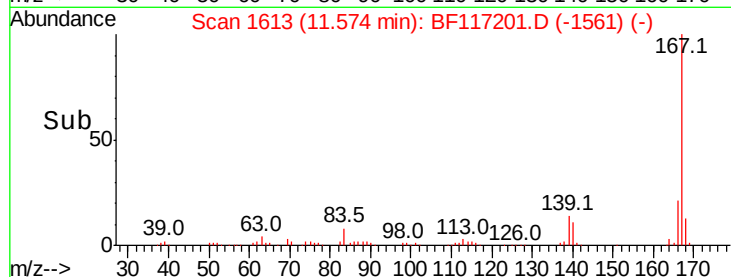
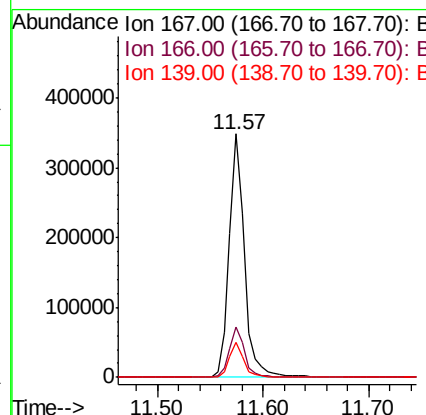
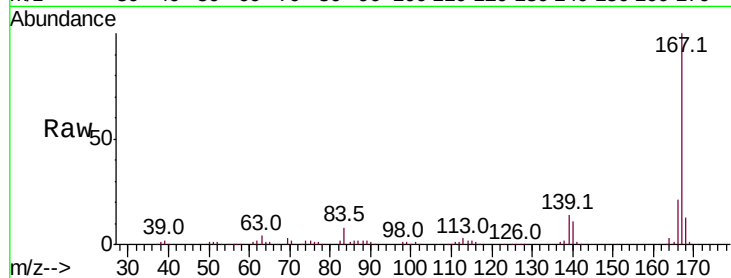




#73
 Carbazole
 Concen: 50.278 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

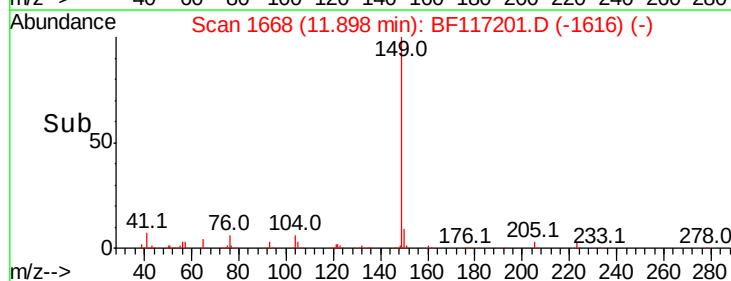
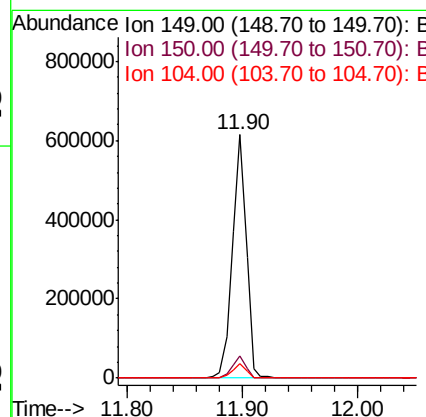
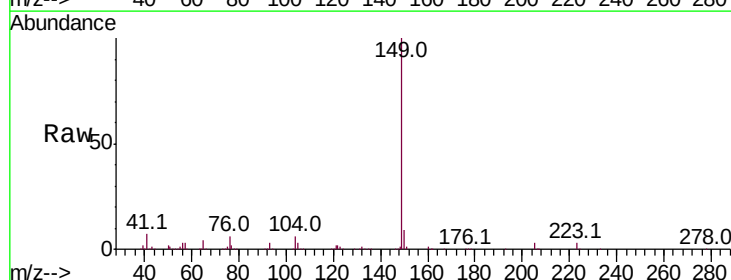
Instrument :
 BNA_F
 ClientSampleId :

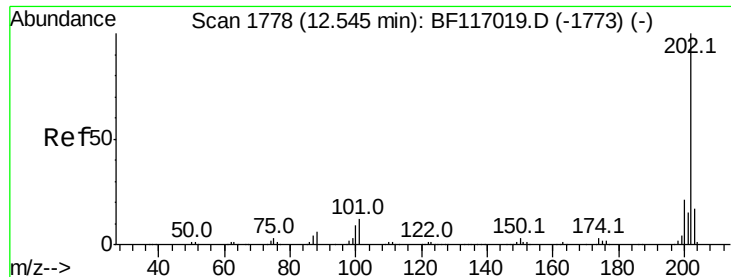
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	14.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 61.382 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.8	4.2	6.4

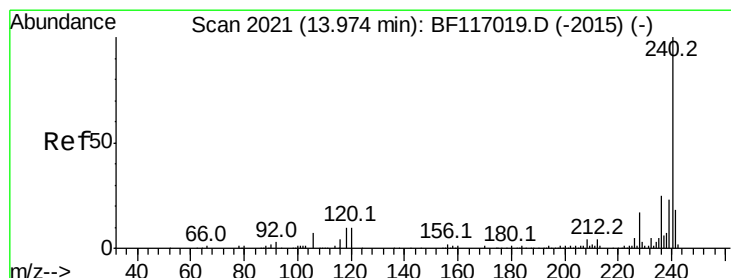
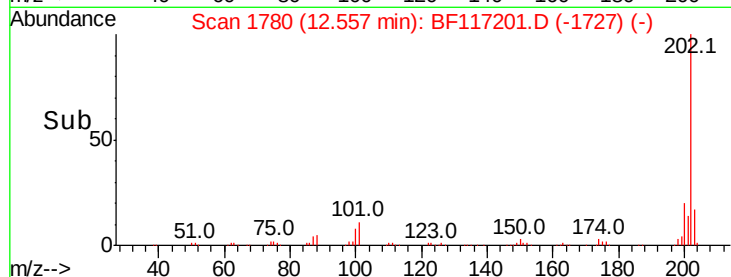
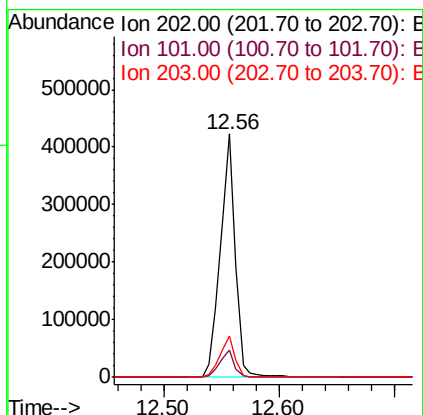
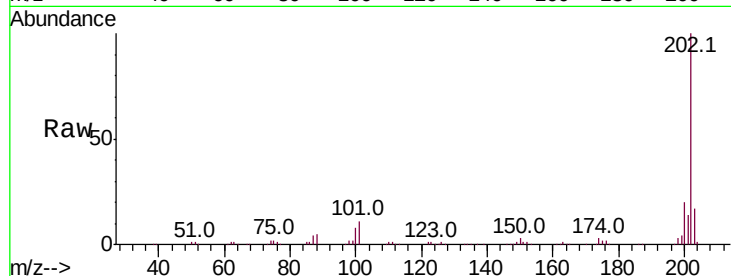




#75
 Fluoranthene
 Concen: 51.613 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

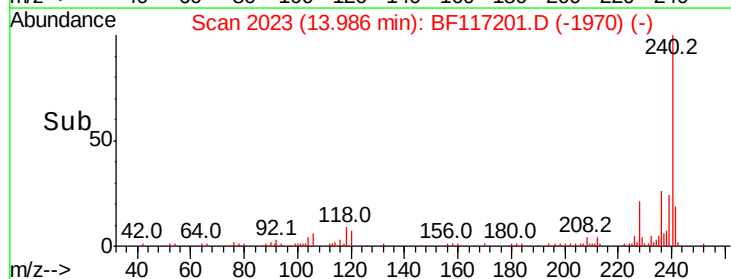
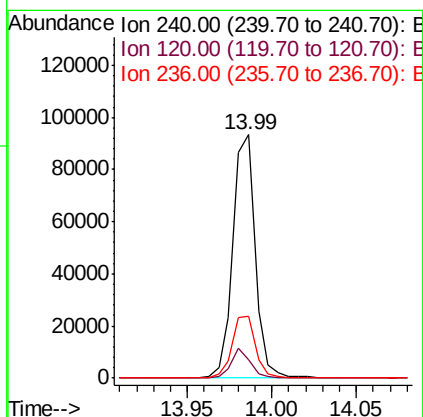
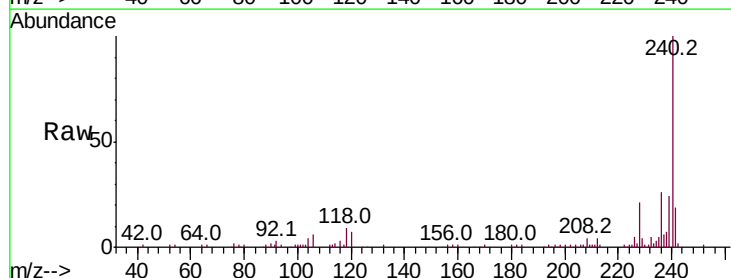
Instrument :
 BNA_F
 ClientSampleId :

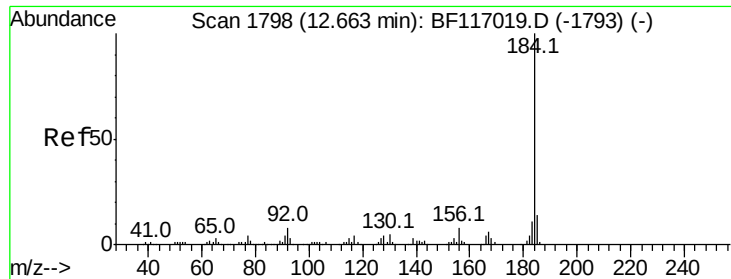
Tot Ion:202 Resp: 385166
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 32.3
 203 17.1 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion:240 Resp: 85702
 Ion Ratio Lower Upper
 240 100
 120 7.4 8.3 12.5#
 236 25.6 20.3 30.5





#77

Benzidine

Concen: 3.009 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.26 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

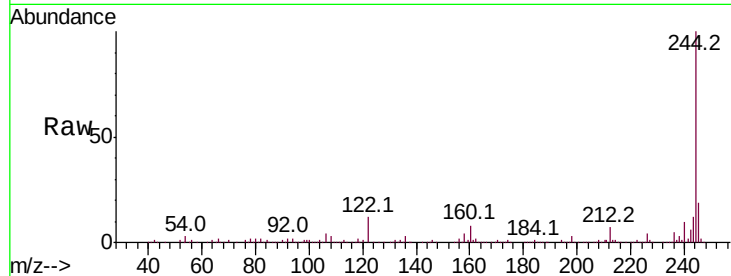
Tot Ion:184 Resp: 8308

Ion Ratio Lower Upper

184 100

185 13.3 11.6 17.4

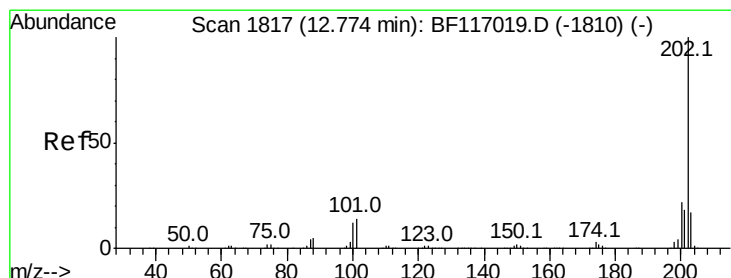
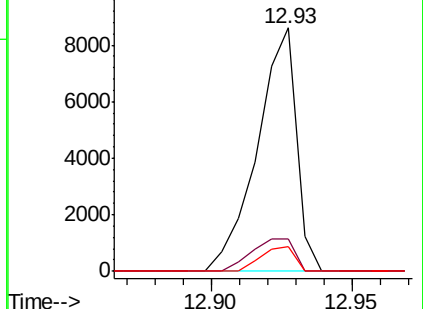
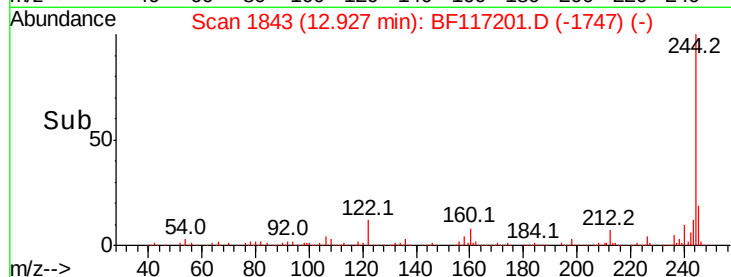
183 10.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.817 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

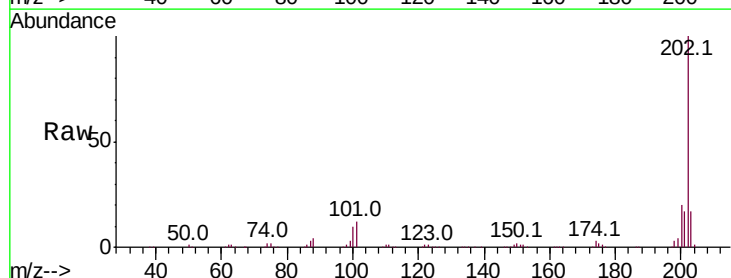
Tgt Ion:202 Resp: 387002

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

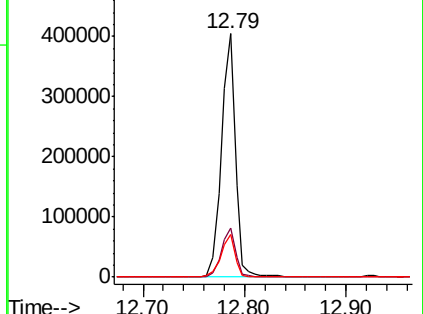
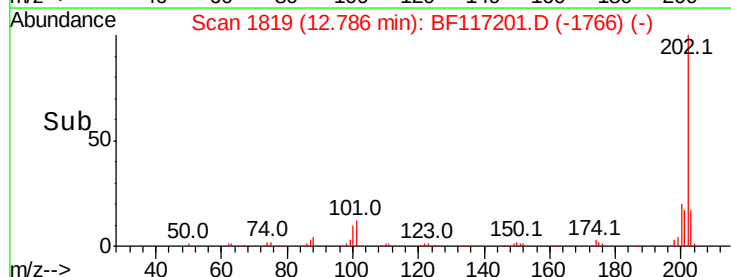
203 17.3 14.0 21.0

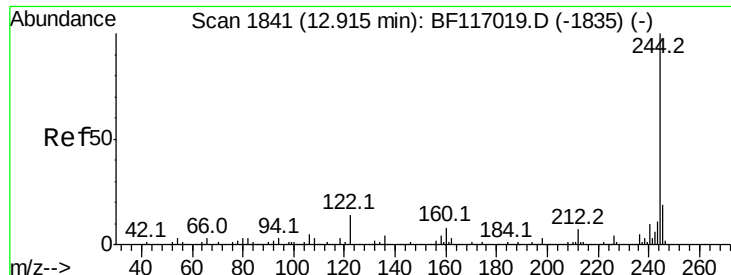


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

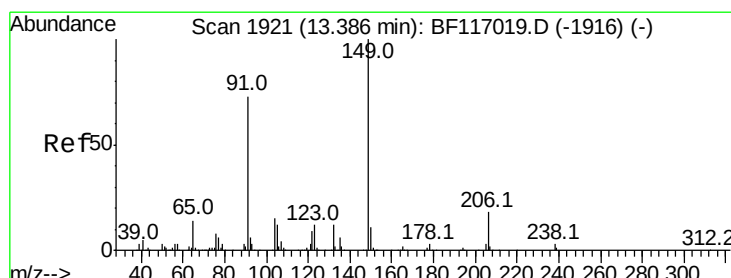
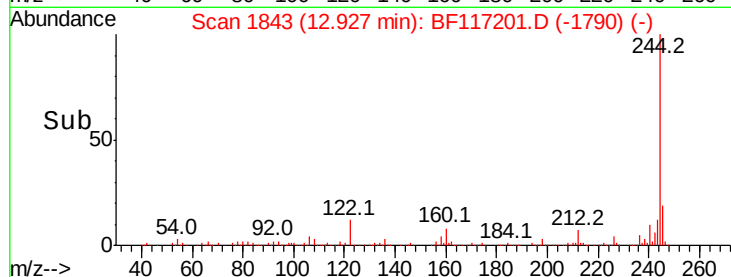
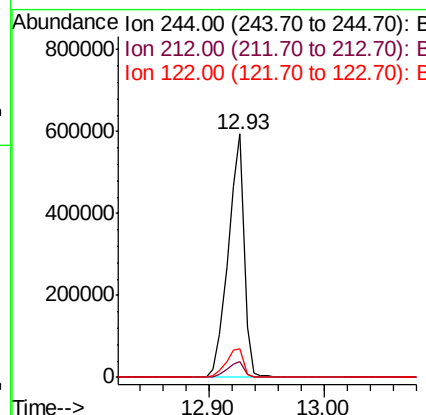
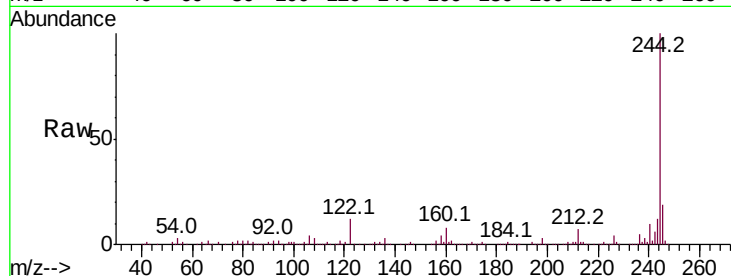




#79
 Terphenyl-d14
 Concen: 123.817 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

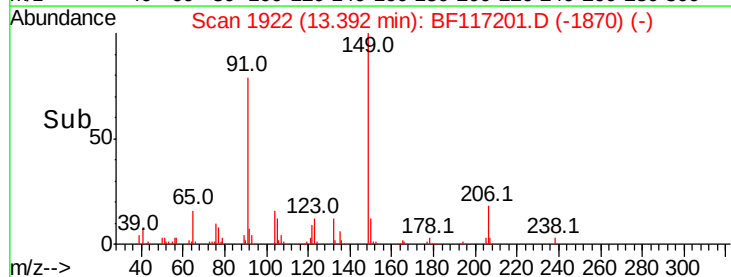
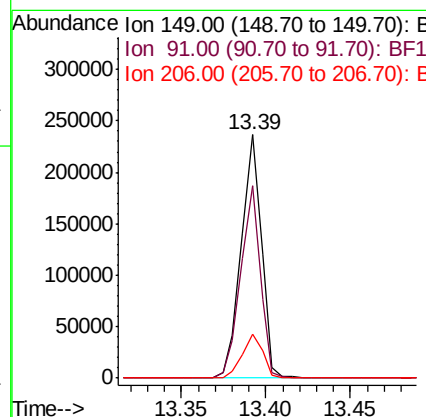
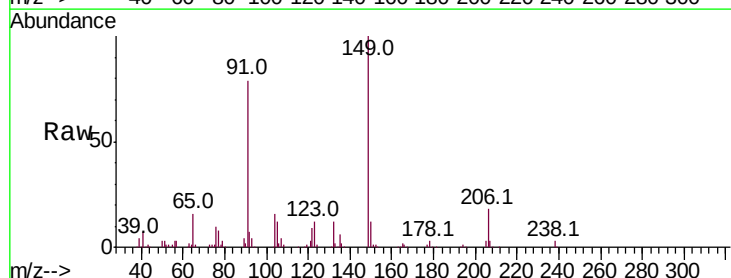
Instrument :
 BNA_F
 ClientSampleId :

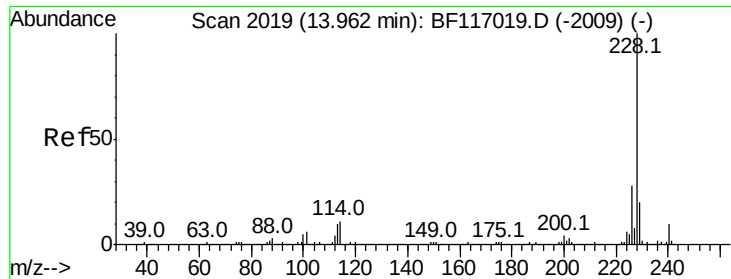
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.8	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 58.226 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117201.D
 Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	58.8	88.2
206	17.9	14.1	21.1





#81

Benzo(a)anthracene

Concen: 52.512 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

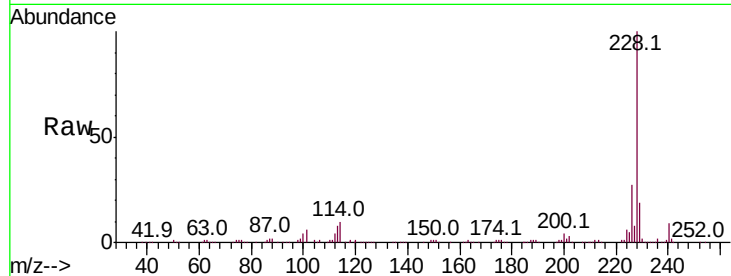
Tot Ion:228 Resp: 300678

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

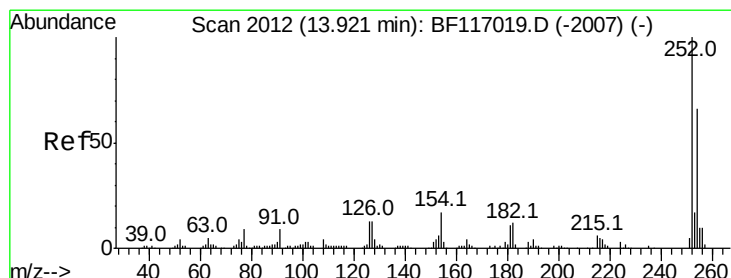
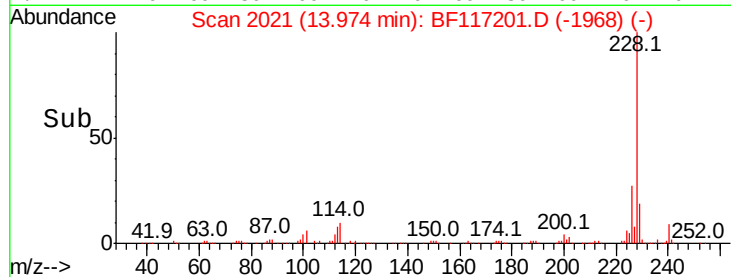
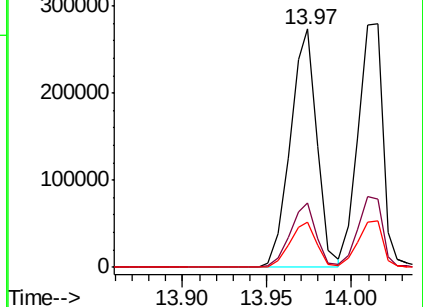
229 18.8 15.9 23.9



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: 22.733 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

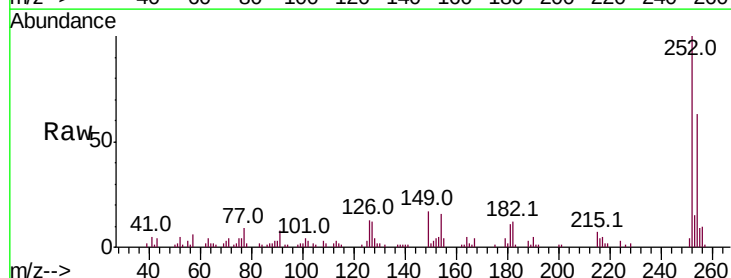
Tgt Ion:252 Resp: 41946

Ion Ratio Lower Upper

252 100

254 63.2 52.6 79.0

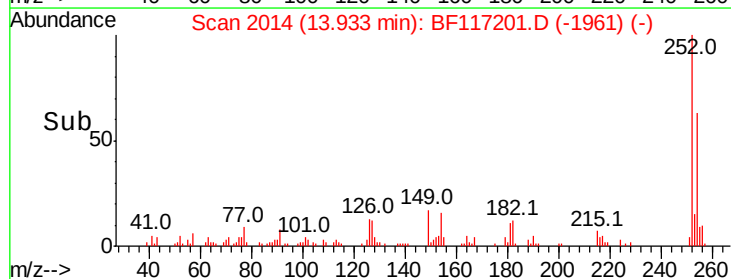
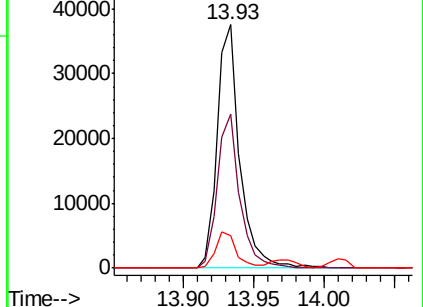
126 13.3 10.4 15.6

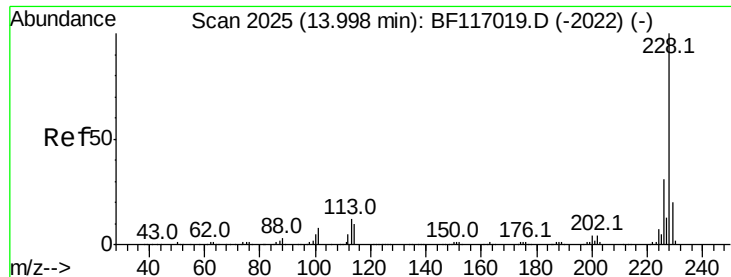


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.740 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

Instrument :

BNA_F

ClientSampleId :

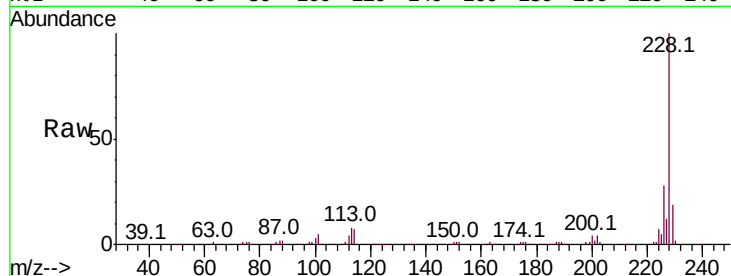
Tot Ion:228 Resp: 288947

Ion Ratio Lower Upper

228 100

226 28.2 24.8 37.2

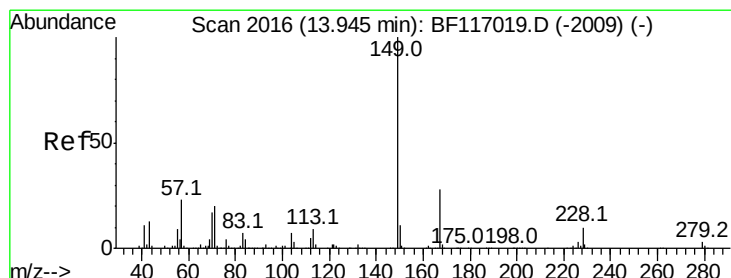
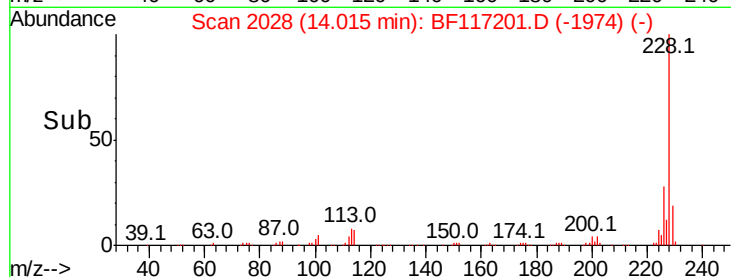
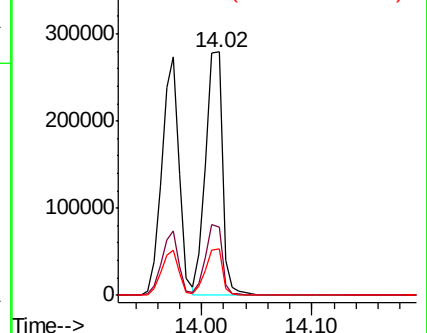
229 18.9 15.8 23.8



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: 68.293 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117201.D

Acq: 20 Sep 2019 22:16

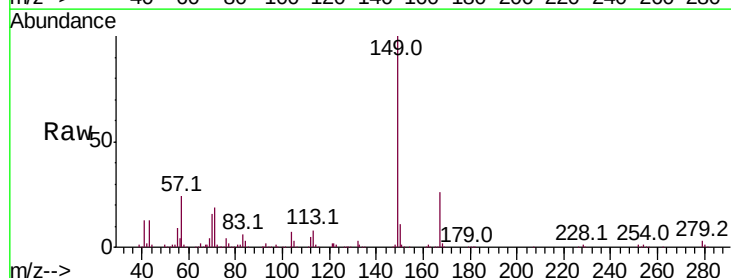
Tgt Ion:149 Resp: 299196

Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

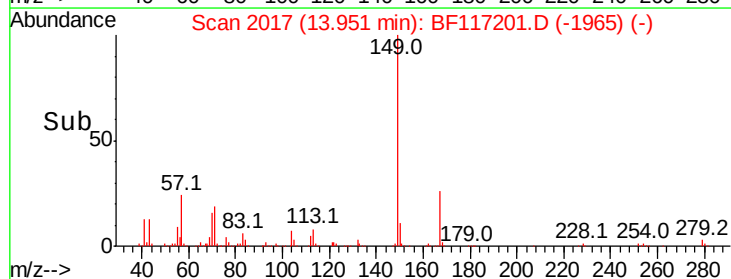
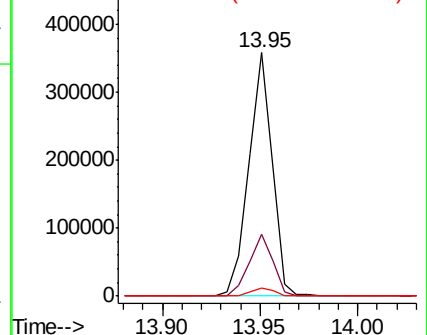
279 3.4 2.8 4.2

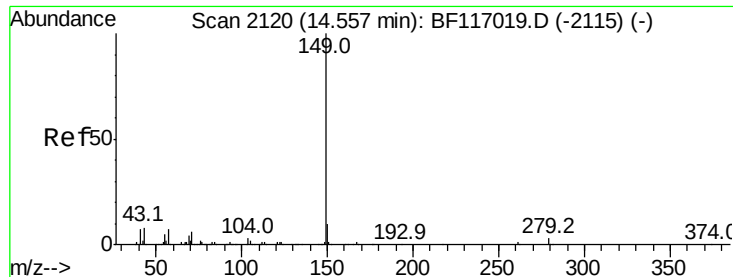


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

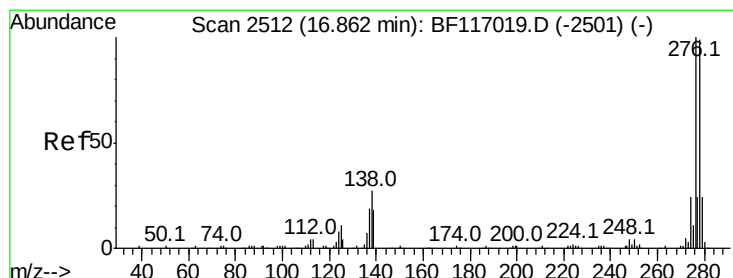
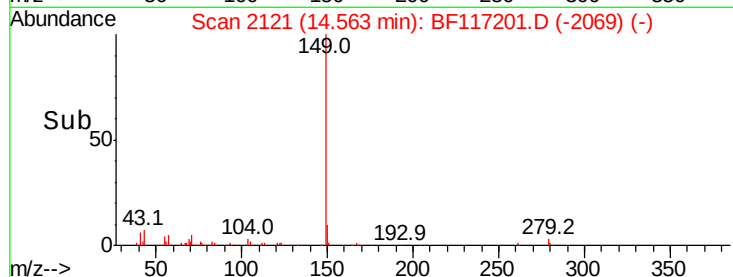
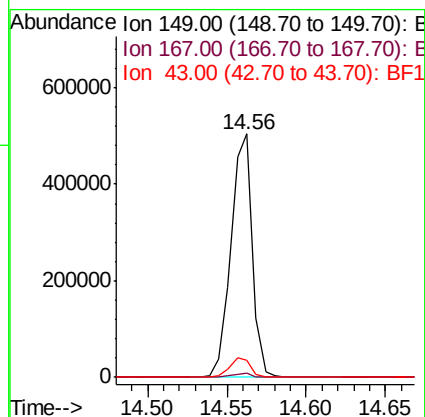
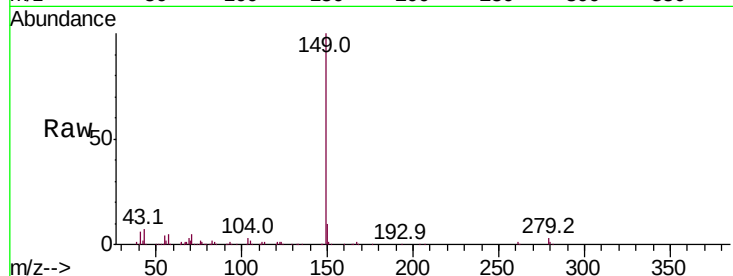




#85
Di-n-octyl phthalate
Concen: 68.173 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

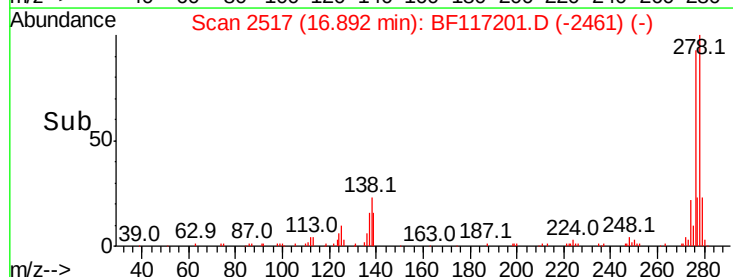
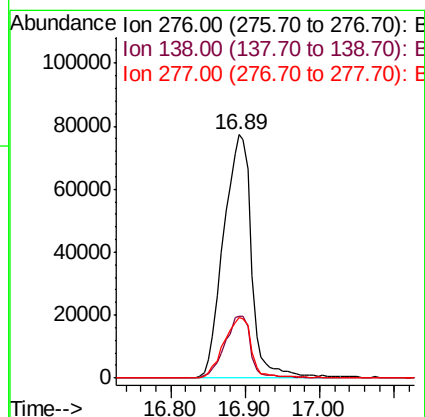
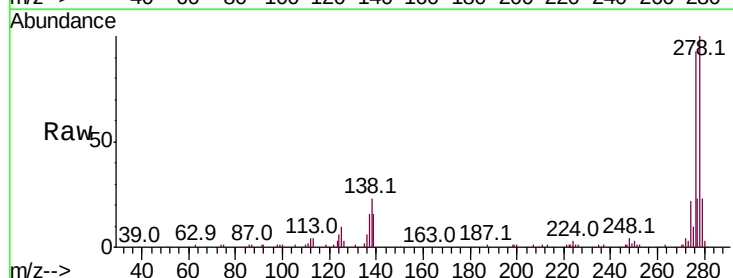
Instrument :
BNA_F
ClientSampleId :

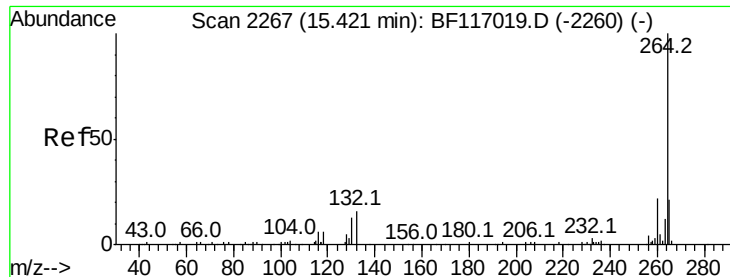
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.9	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.659 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.7	31.1
277	24.6	19.8	29.8

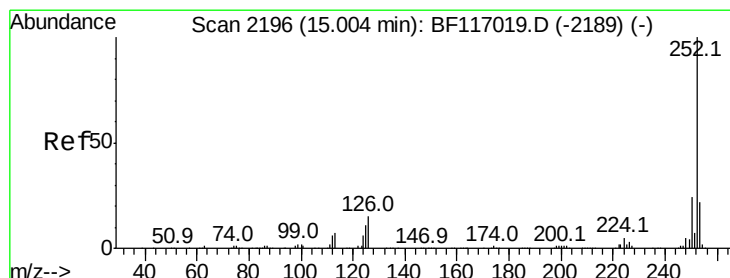
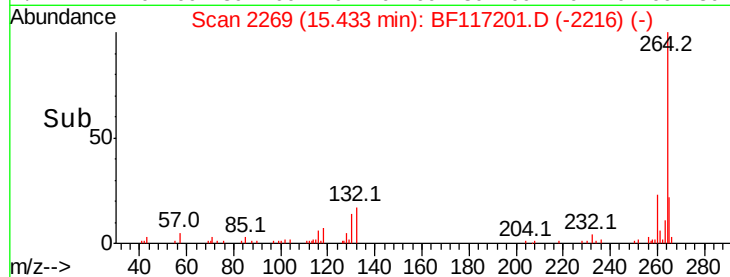
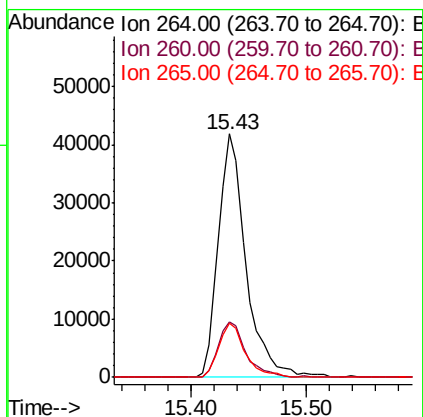
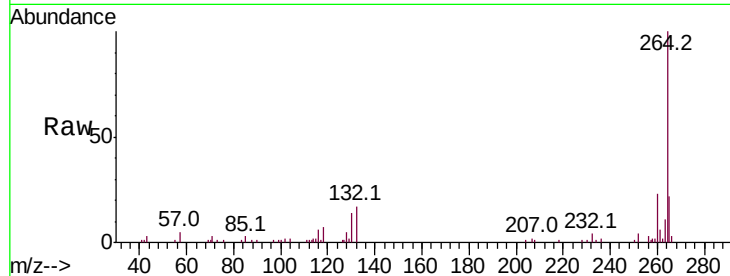




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

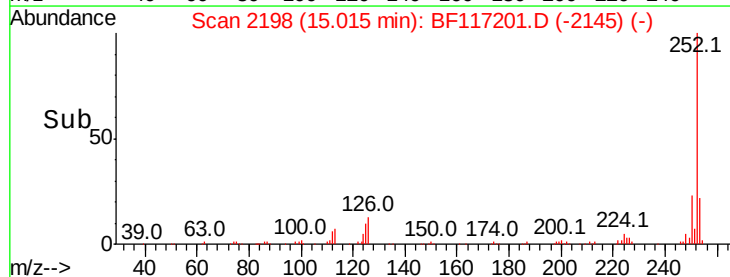
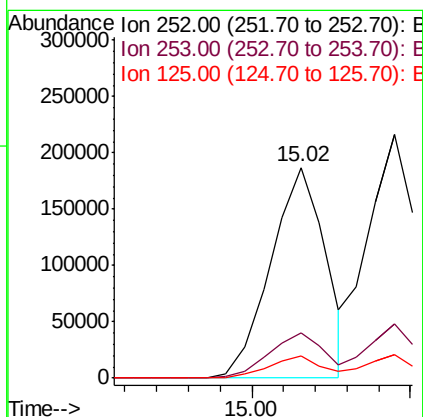
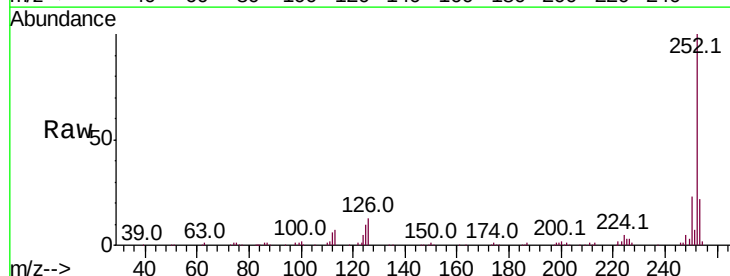
Instrument :
BNA_F
ClientSampleId :

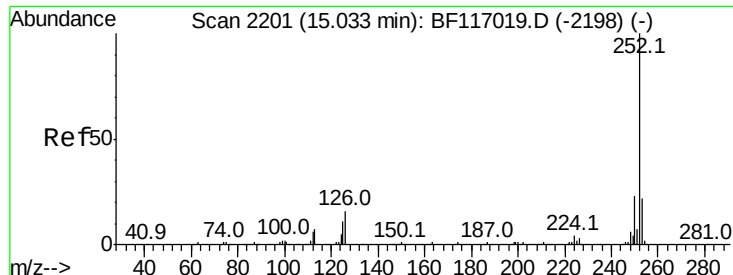
Tot Ion:264 Resp: 69416
Ion Ratio Lower Upper
264 100
260 22.8 17.6 26.4
265 22.2 16.6 24.8



#88
Benzo(b)fluoranthene
Concen: 53.657 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:252 Resp: 225614
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.4 8.6 12.8

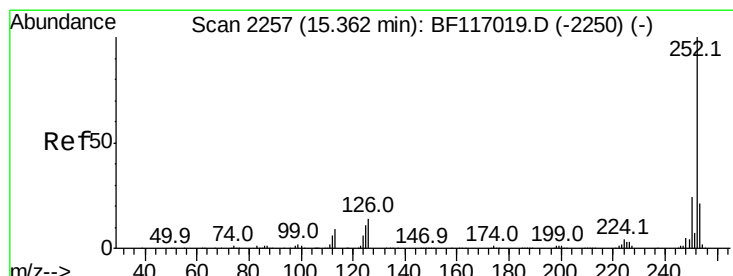
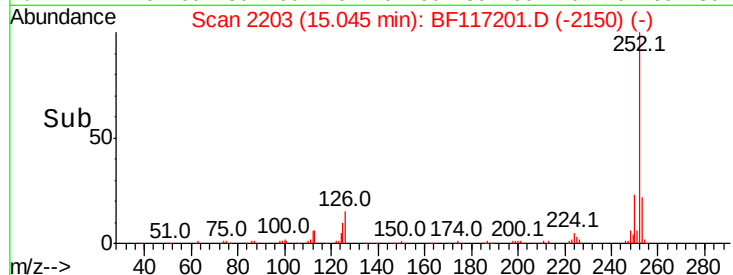
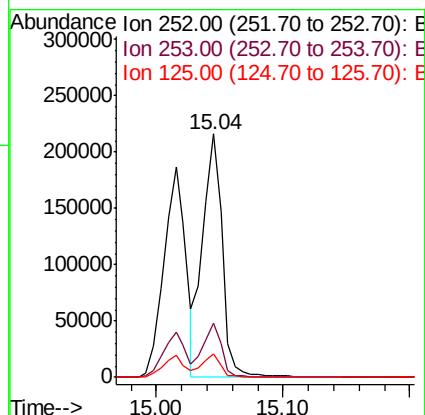
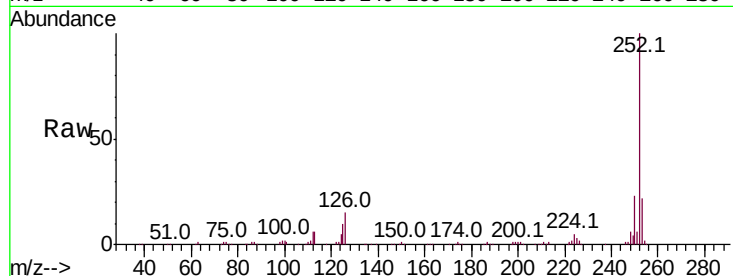




#89
Benzo(k)fluoranthene
Concen: 58.186 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

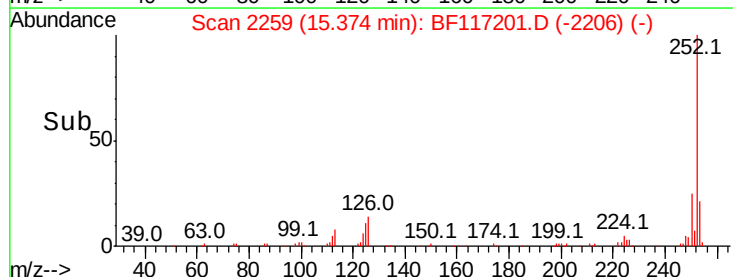
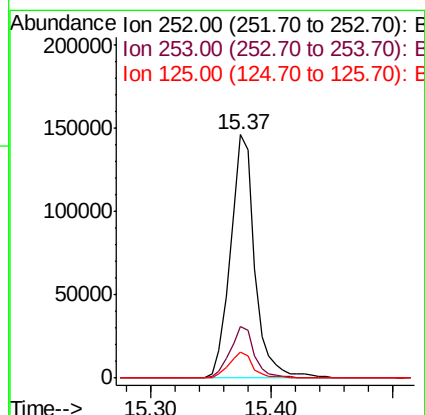
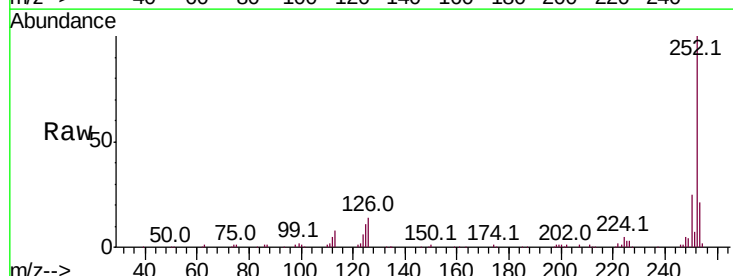
Instrument :
BNA_F
ClientSampled :

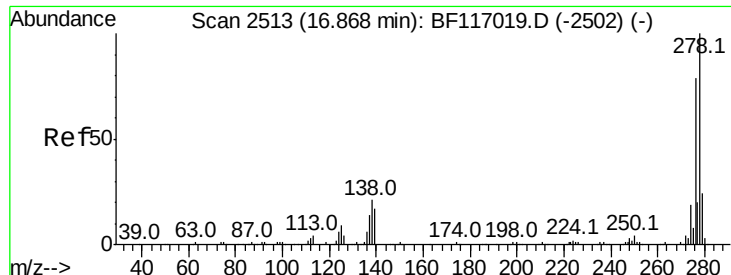
Tot Ion:252 Resp: 231761
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.8 8.8 13.2



#90
Benzo(a)pyrene
Concen: 55.576 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion:252 Resp: 205064
Ion Ratio Lower Upper
252 100
253 21.3 16.6 25.0
125 10.6 8.9 13.3

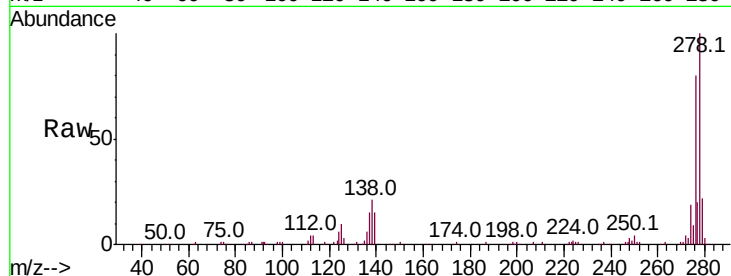




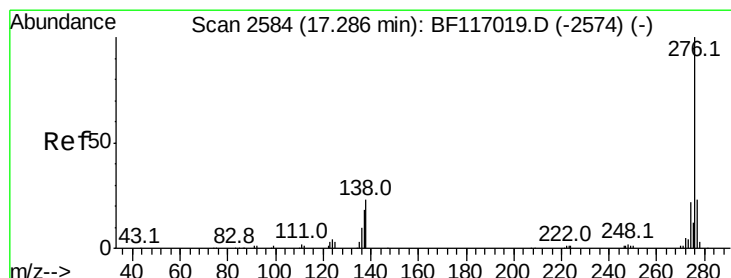
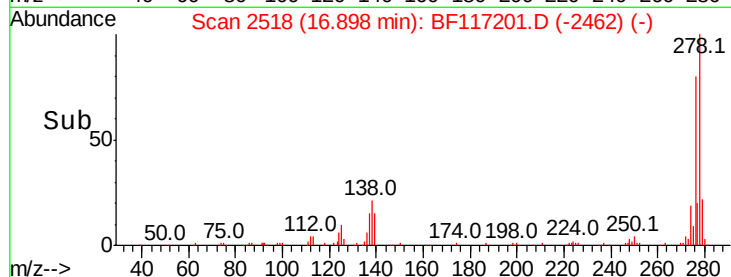
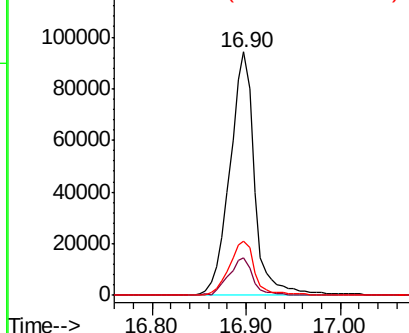
#91
Dibenzo(a,h)anthracene
Concen: 58.796 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.5	20.3
279	22.5	18.8	28.2

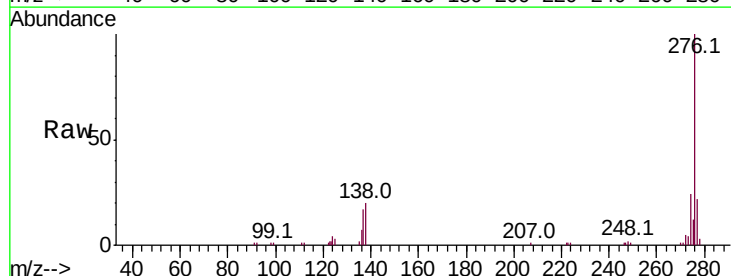


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.119 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117201.D
Acq: 20 Sep 2019 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	20.4	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

