

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117200.D
 Acq On : 20 Sep 2019 21:50
 Operator : HP/JU
 Sample : K4662-15MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:03:36 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	38663	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	156698	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	82705	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	132074	20.00	ng	0.01
76) Chrysene-d12	13.99	240	86318	20.00	ng	0.01
87) Perylene-d12	15.43	264	67330	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	335701	135.56	ng	0.04
7) Phenol-d6	6.47	99	414918	129.64	ng	0.02
23) Nitrobenzene-d5	7.39	82	322378	108.10	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	126811	183.46	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	610573	115.43	ng	0.00
79) Terphenyl-d14	12.93	244	598070	129.51	ng	0.01

Target Compounds

						Qvalue
3) Pyridine	3.54	79	58503	20.626	ng	94
4) n-Nitrosodimethylamine	3.46	42	51997	53.420	ng	77
6) Aniline	6.49	93	38601	9.368	ng	# 16
8) 2-Chlorophenol	6.62	128	138948	52.010	ng	98
9) Benzaldehyde	6.37	77	30497	12.607	ng	96
10) Phenol	6.49	94	144927	41.077	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	134436	51.844	ng	98
12) 1,3-Dichlorobenzene	6.76	146	136649	45.582	ng	97
13) 1,4-Dichlorobenzene	6.84	146	141792	46.347	ng	99
14) 1,2-Dichlorobenzene	6.99	146	138267	48.542	ng	98
15) Benzyl Alcohol	6.97	79	132530	54.000	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	122512	47.820	ng	68
17) 2-Methylphenol	7.09	107	112303	50.157	ng	# 89
18) Hexachloroethane	7.33	117	56865	48.316	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	110223	56.559	ng	95
20) 3+4-Methylphenols	7.24	107	145038	52.005	ng	93
22) Acetophenone	7.23	105	219359	55.099	ng	# 96
24) Nitrobenzene	7.41	77	160554	54.515	ng	95
25) Isophorone	7.65	82	297258	56.294	ng	99
26) 2-Nitrophenol	7.72	139	72719	57.483	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	123233	61.429	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	171530	52.724	ng	100
29) 2,4-Dichlorophenol	7.97	162	117121	55.718	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	117437	51.712	ng	99
31) Naphthalene	8.13	128	434282	57.626	ng	100
32) Benzoic acid	7.93	122	65472	43.879	ng	95
33) 4-Chloroaniline	8.19	127	22308	6.674	ng	96
34) Hexachlorobutadiene	8.24	225	70369	54.616	ng	97
35) Caprolactam	8.63	113	6665	9.368	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	135505	55.286	ng	99
37) 2-Methylnaphthalene	8.82	142	294922	58.115	ng	98
38) 1-Methylnaphthalene	8.92	142	267384	56.256	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	118581	55.524	ng	97
41) Hexachlorocyclopentadiene	8.97	237	125545	127.793	ng	98

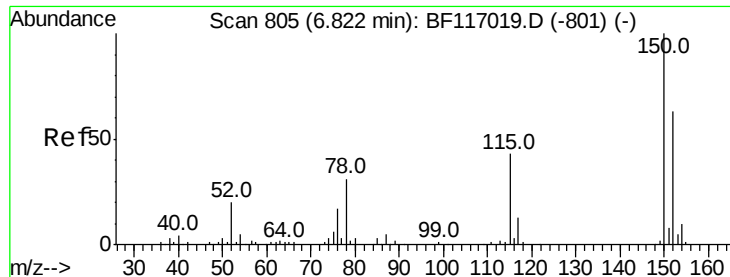
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117200.D
 Acq On : 20 Sep 2019 21:50
 Operator : HP/JU
 Sample : K4662-15MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:03:36 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)
43) 2,4,6-Trichlorophenol	9.10	196	79415	54.795	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	86624	55.942	nq	98
46) 1,1'-Biphenyl	9.28	154	349542	53.880	nq	100
47) 2-Chloronaphthalene	9.31	162	269369	52.612	nq	99
48) 2-Nitroaniline	9.40	65	82021	49.945	nq	89
49) Acenaphthylene	9.72	152	422606	55.099	nq	99
50) Dimethylphthalate	9.59	163	325196	55.533	nq	98
51) 2,6-Dinitrotoluene	9.65	165	70890	59.438	nq	93
52) Acenaphthene	9.89	154	247041	54.335	nq	99
53) 3-Nitroaniline	9.82	138	18391	12.222	nq	96
54) 2,4-Dinitrophenol	9.94	184	59533	111.522	nq	96
55) Dibenzofuran	10.07	168	381006	56.797	nq	98
56) 4-Nitrophenol	10.00	139	72494	74.333	nq	86
57) 2,4-Dinitrotoluene	10.06	165	92247	59.585	nq	# 77
58) Fluorene	10.41	166	315168	58.325	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	68411	57.732	nq	97
60) Diethylphthalate	10.28	149	344003	59.710	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	143348	61.313	nq	98
62) 4-Nitroaniline	10.45	138	61413	39.244	nq	# 86
63) Azobenzene	10.56	77	343868	58.440	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	41154	65.455	nq	95
66) n-Nitrosodiphenylamine	10.52	169	259670	56.929	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	81840	60.676	nq	98
68) Hexachlorobenzene	10.96	284	85217	57.764	nq	97
69) Atrazine	11.05	200	59434	55.901	nq	98
70) Pentachlorophenol	11.16	266	83288	120.442	nq	98
71) Phenanthrene	11.37	178	426768	56.889	nq	99
72) Anthracene	11.42	178	437406	57.112	nq	99
73) Carbazole	11.57	167	367779	50.591	nq	99
74) Di-n-butylphthalate	11.90	149	556989	64.397	nq	99
75) Fluoranthene	12.56	202	413855	53.691	nq	98
78) Pyrene	12.79	202	412670	56.977	nq	99
80) Butylbenzylphthalate	13.39	149	216474	63.254	nq	97
81) Benzo(a)anthracene	13.97	228	315398	54.690	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	30036	16.162	nq	97
83) Chrysene	14.01	228	304249	54.092	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	321250	72.803	nq	98
85) Di-n-octyl phthalate	14.56	149	494863	71.254	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	214491	52.269	nq	98
88) Benzo(b)fluoranthene	15.02	252	233339	57.213	nq	99
89) Benzo(k)fluoranthene	15.04	252	241304	62.459	nq	99
90) Benzo(a)pyrene	15.37	252	212952	59.502	nq	97
91) Dibenzo(a,h)anthracene	16.90	278	182867	64.140	nq	97
92) Benzo(g,h,i)perylene	17.32	276	164383	57.860	nq	98

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

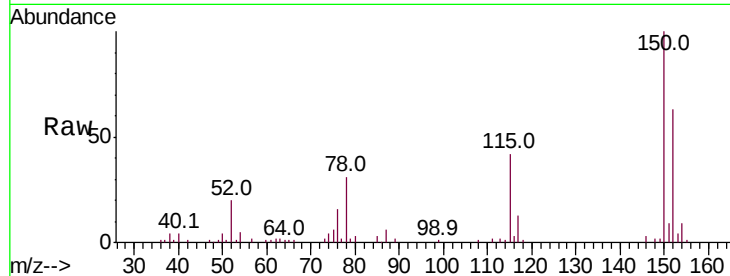


#1

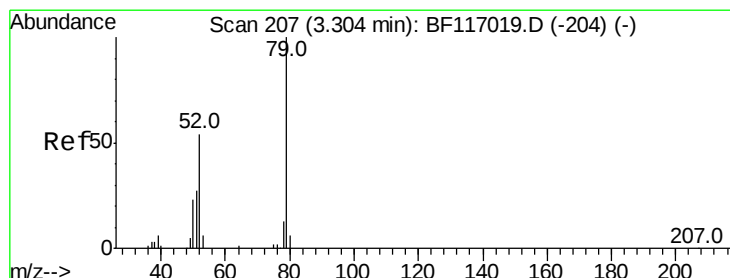
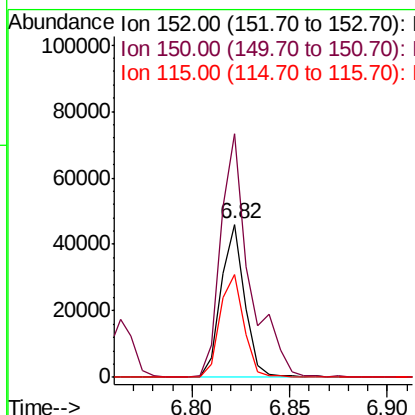
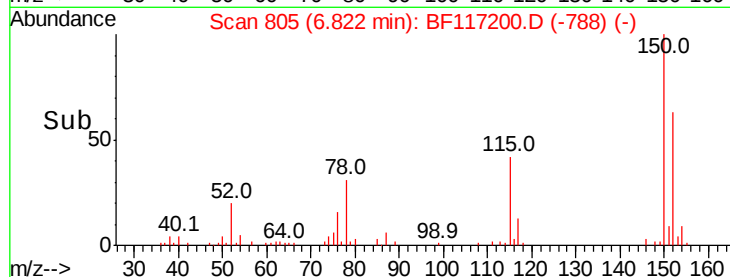
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38663
Ion Ratio Lower Upper
152 100
150 158.8 127.5 191.3
115 67.2 55.0 82.4



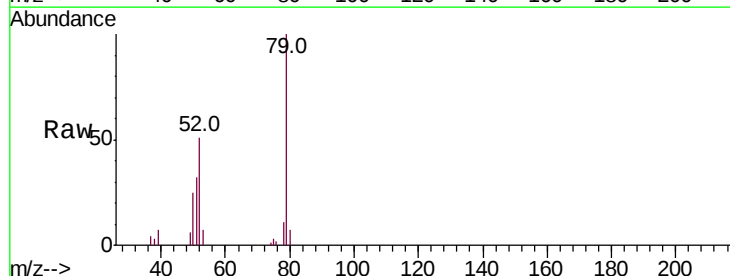
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



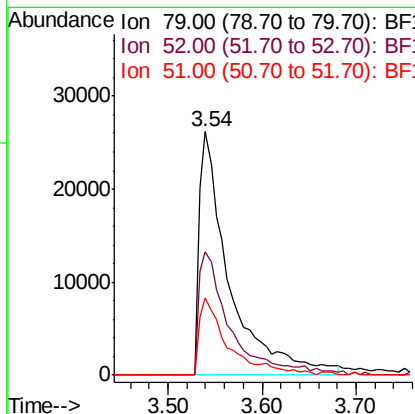
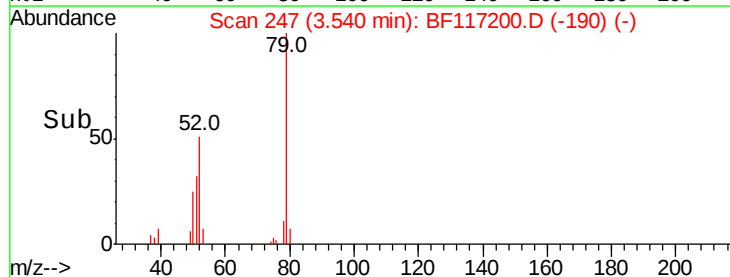
#3

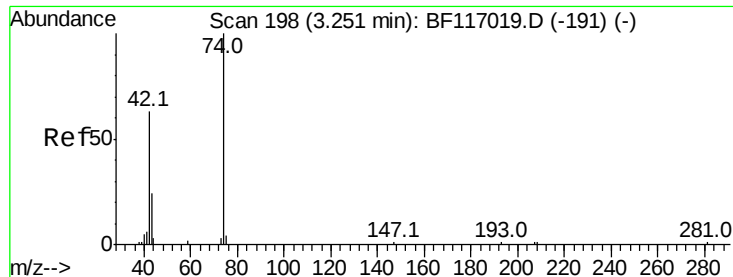
Pyridine
Concen: 20.626 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.24 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion: 79 Resp: 58503
Ion Ratio Lower Upper
79 100
52 50.9 43.5 65.3
51 31.8 21.8 32.6



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



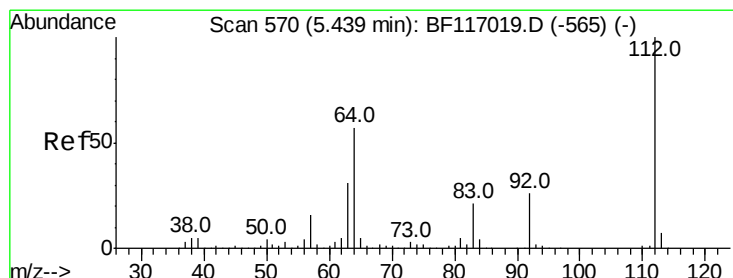
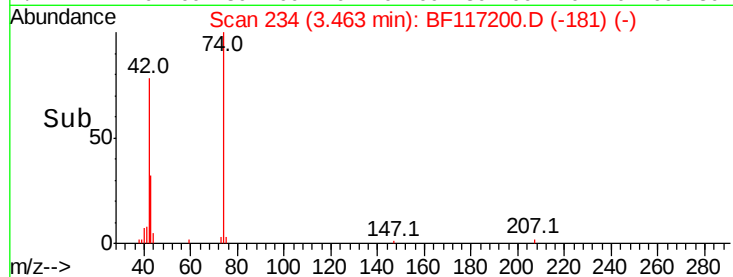
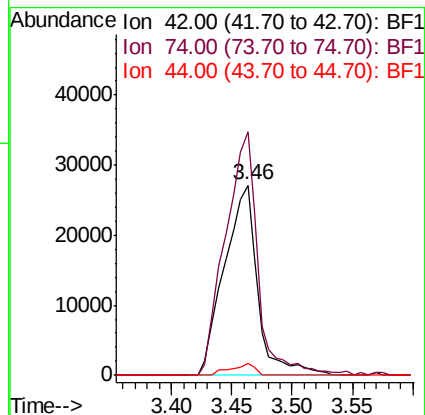
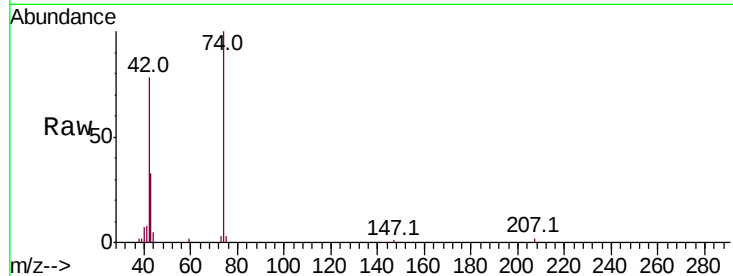


#4

n-Nitrosodimethylamine
 Concen: 53.420 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.21 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

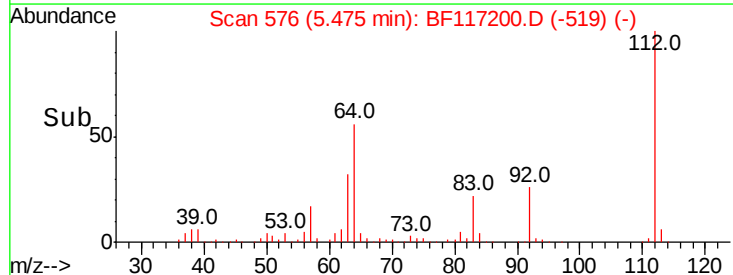
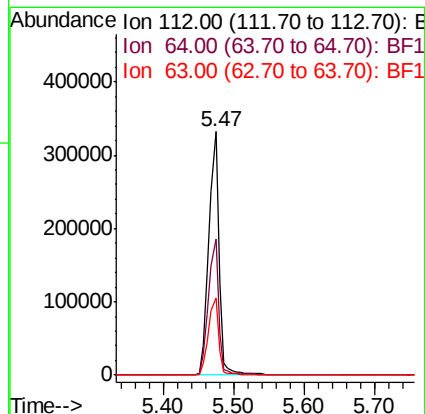
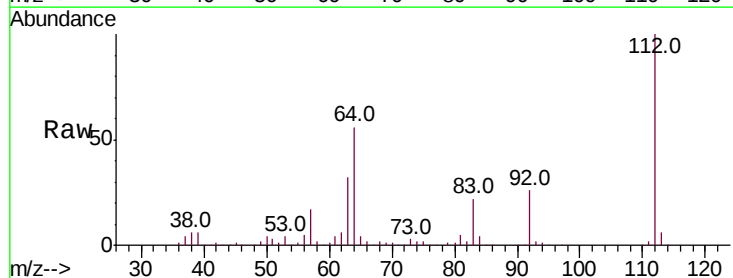
Tot Ion	Ratio	Lower	Upper
42	100		
74	128.1	127.1	190.7
44	6.2	4.3	6.5

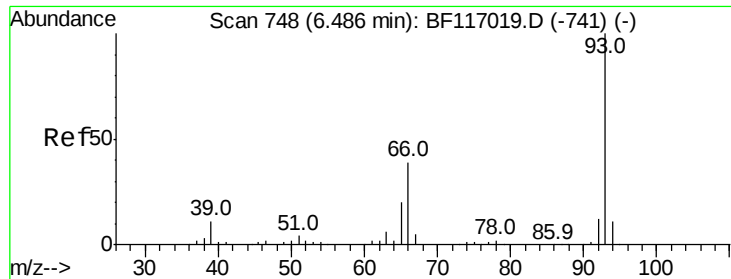


#5

2-Fluorophenol
 Concen: 135.559 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.04 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	31.6	24.9	37.3





#6

Aniline

Concen: 9.368 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

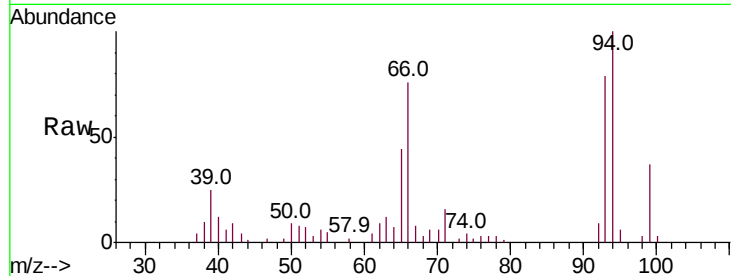
Tot Ion: 93 Resp: 38601

Ion Ratio Lower Upper

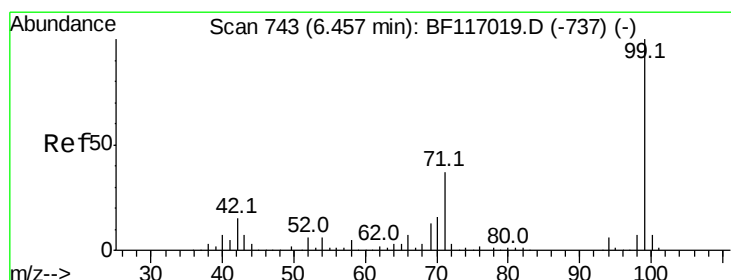
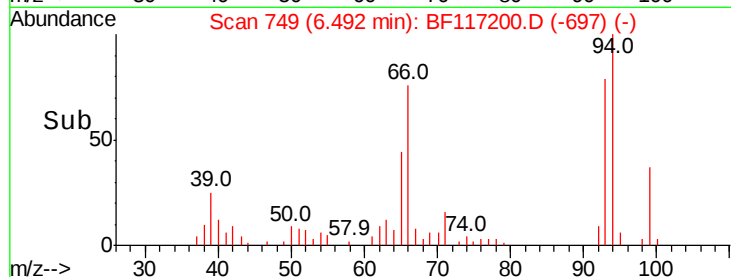
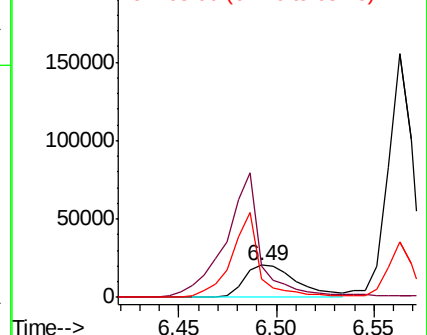
93 100

66 96.1 32.6 49.0#

65 55.3 16.7 25.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 129.645 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

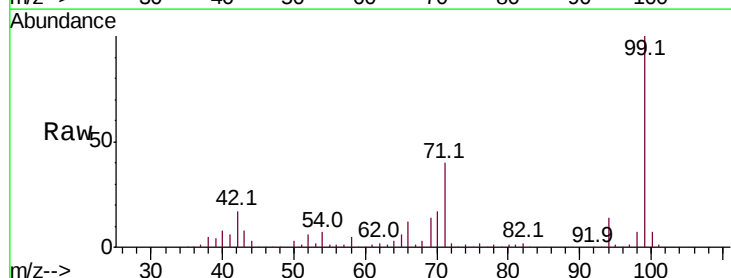
Tgt Ion: 99 Resp: 414918

Ion Ratio Lower Upper

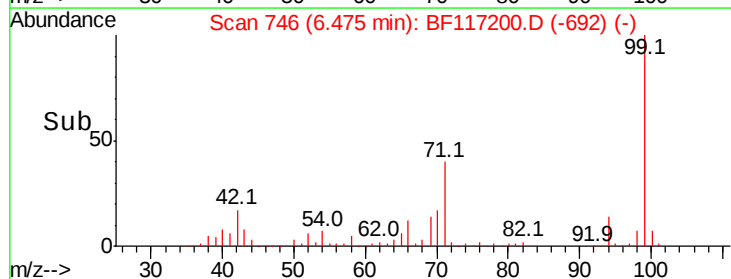
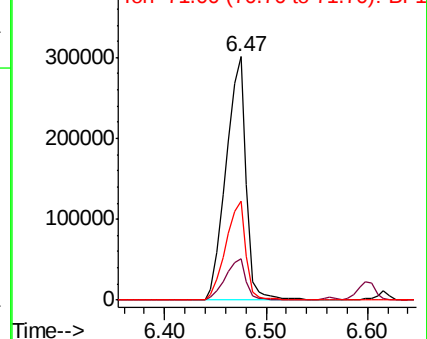
99 100

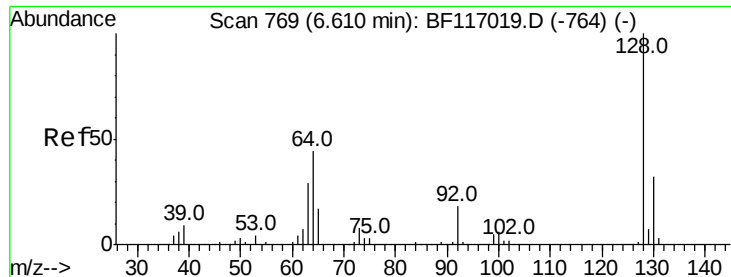
42 16.9 12.2 18.2

71 40.5 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: 52.010 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

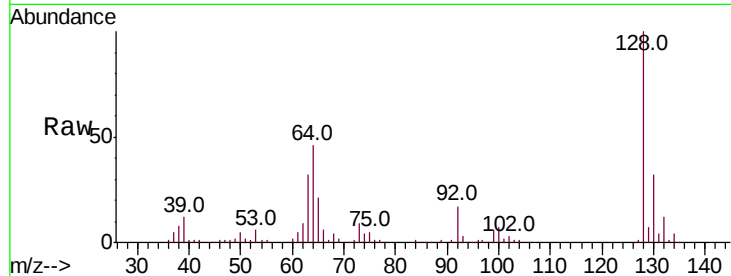
Tot Ion:128 Resp: 138948

Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

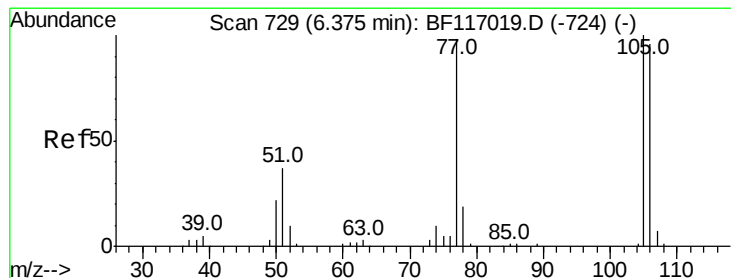
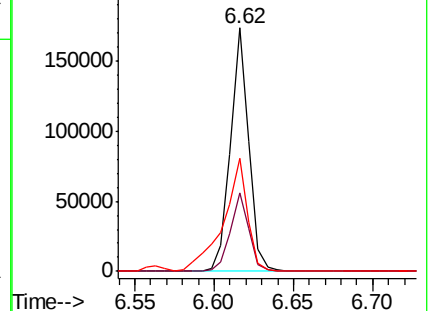
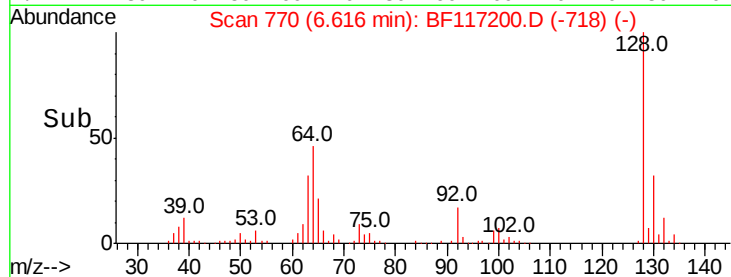
64 46.2 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 12.607 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

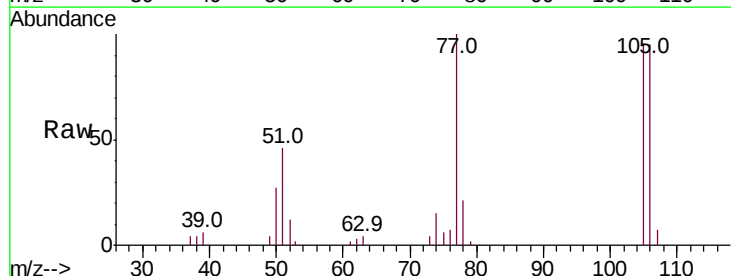
Tgt Ion: 77 Resp: 30497

Ion Ratio Lower Upper

77 100

105 96.1 81.8 121.8

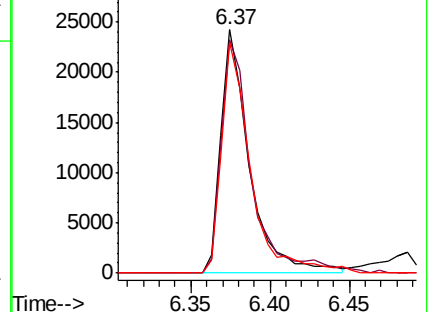
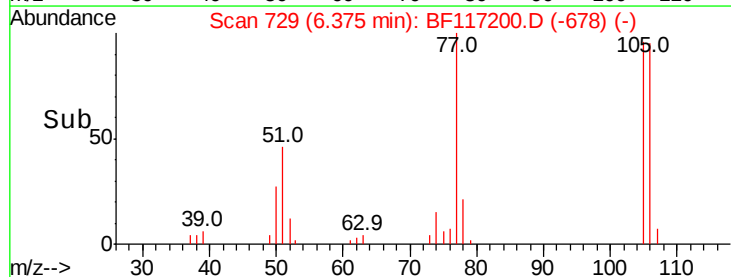
106 95.0 77.3 117.3

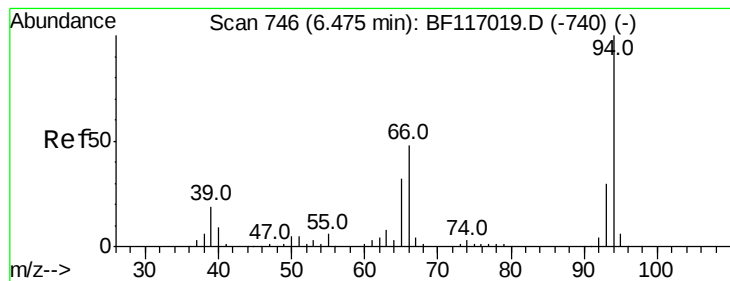


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.077 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

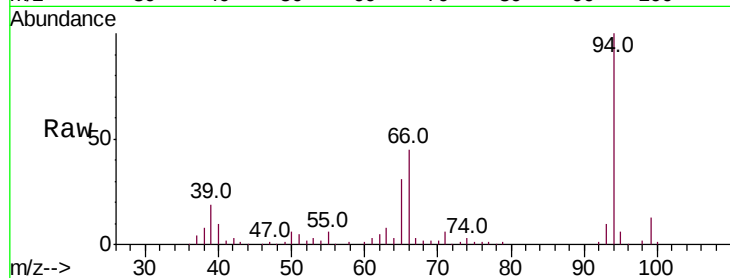
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 144927

Ion	Ratio	Lower	Upper
94	100		
65	30.8	12.5	52.5
66	45.4	28.9	68.9

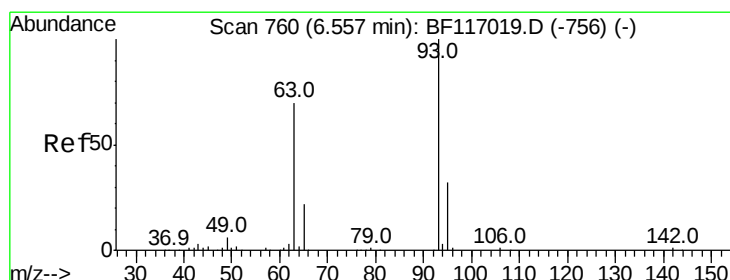
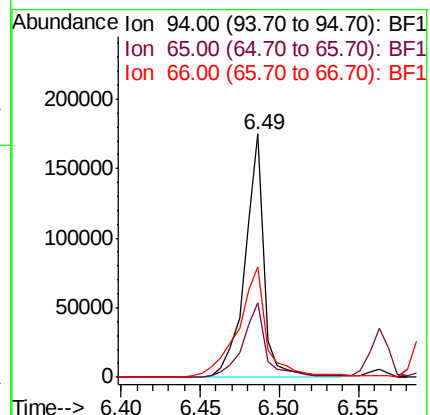
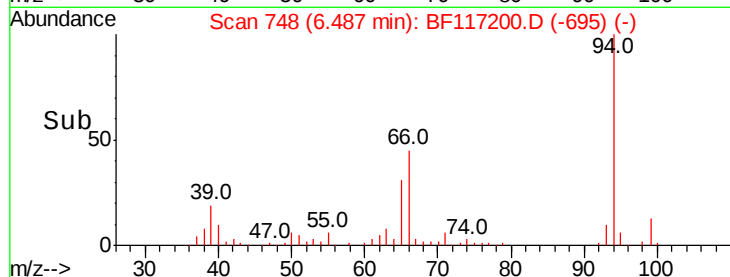


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 51.844 ng

RT: 6.56 min Scan# 761

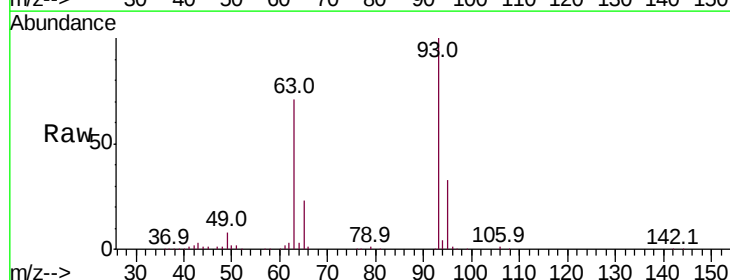
Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion: 93 Resp: 134436

Ion	Ratio	Lower	Upper
93	100		
63	71.2	49.3	89.3
95	32.6	11.5	51.5

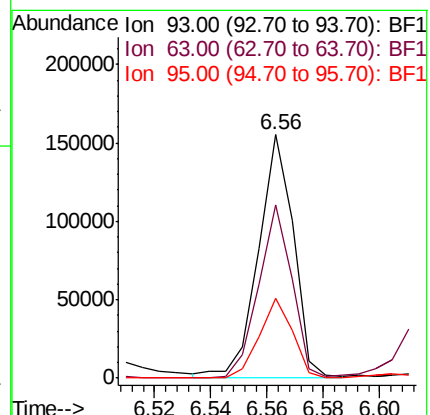
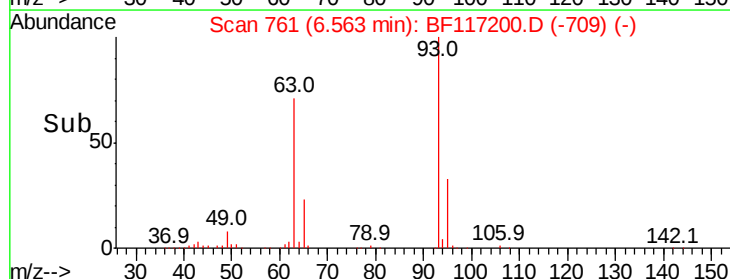


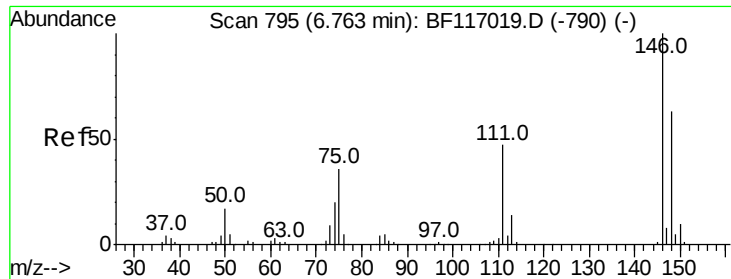
Abundance

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: 45.582 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampled :

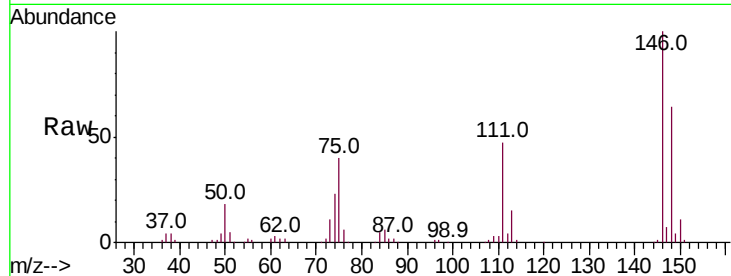
Tot Ion:146 Resp: 136649

Ion Ratio Lower Upper

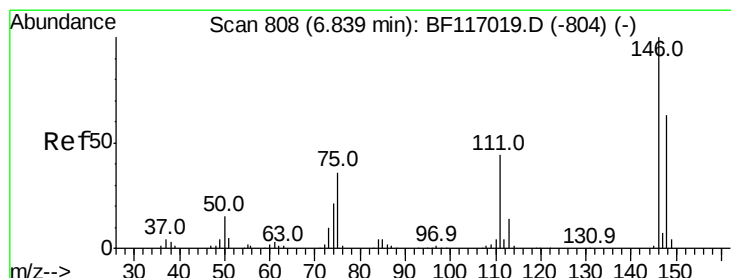
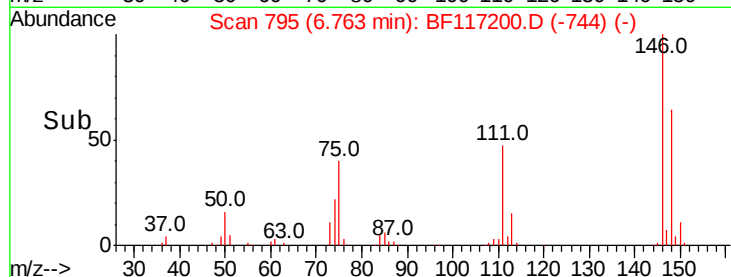
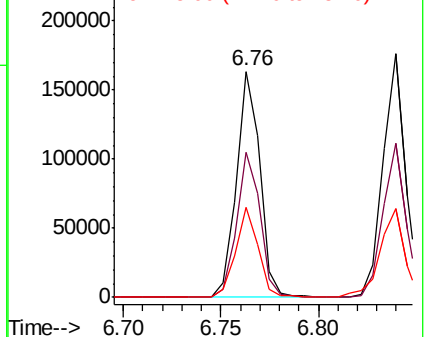
146 100

148 63.8 50.8 76.2

75 39.7 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: 46.347 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

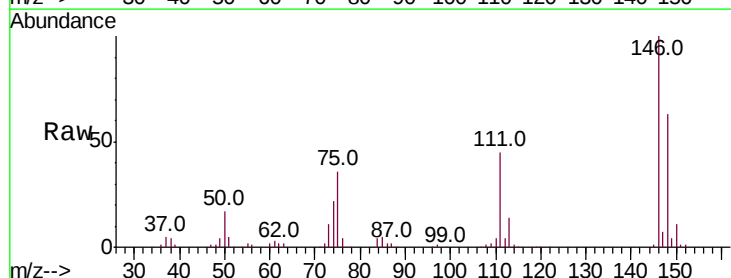
Tgt Ion:146 Resp: 141792

Ion Ratio Lower Upper

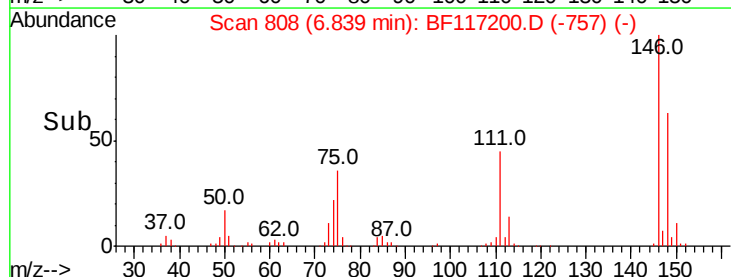
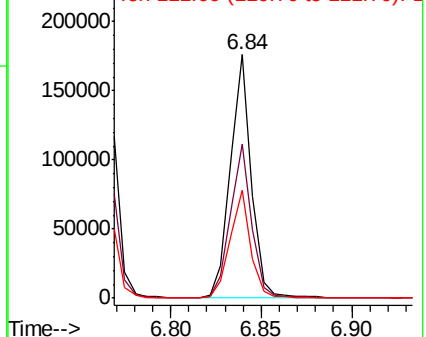
146 100

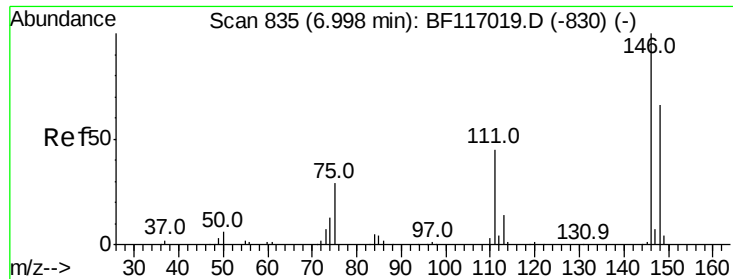
148 63.4 50.6 76.0

111 44.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 48.542 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampled :

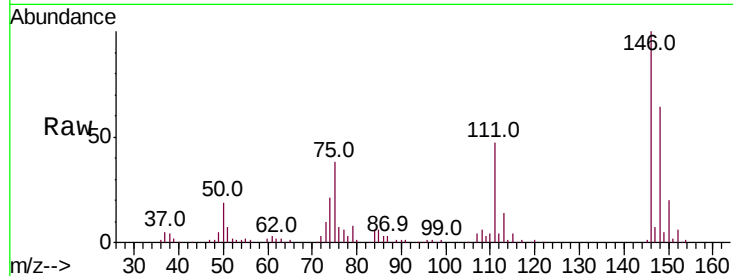
Tot Ion:146 Resp: 138267

Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

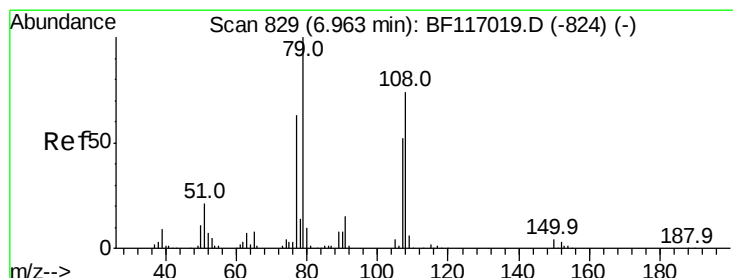
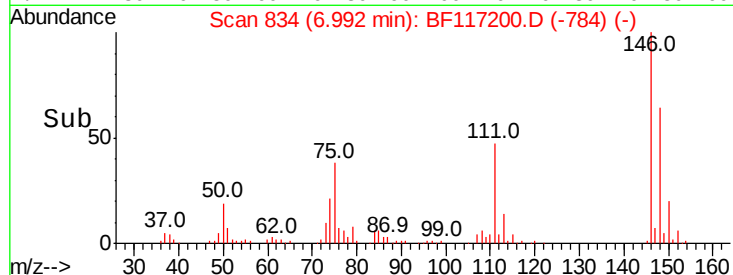
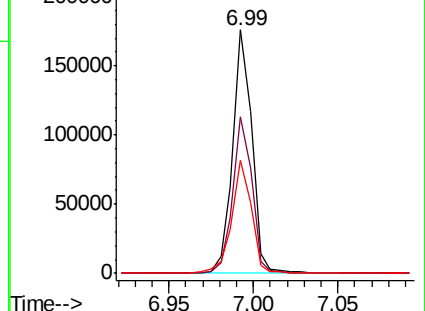
111 46.7 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 54.000 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

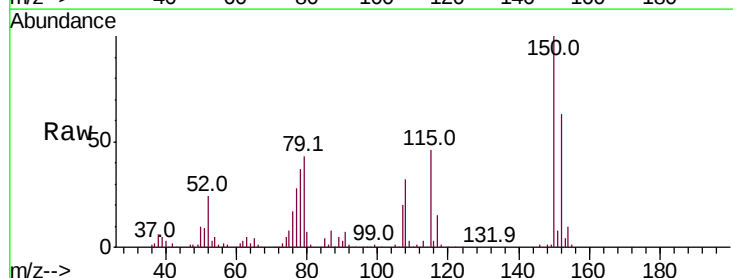
Tgt Ion: 79 Resp: 132530

Ion Ratio Lower Upper

79 100

108 73.3 59.4 89.0

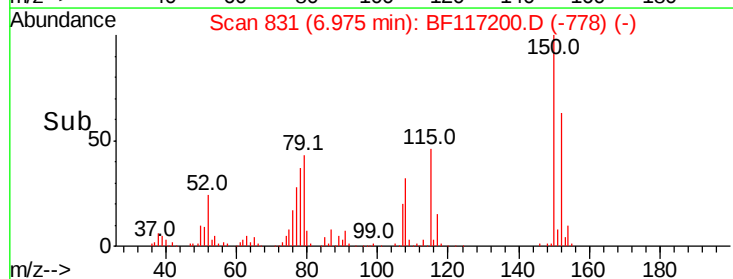
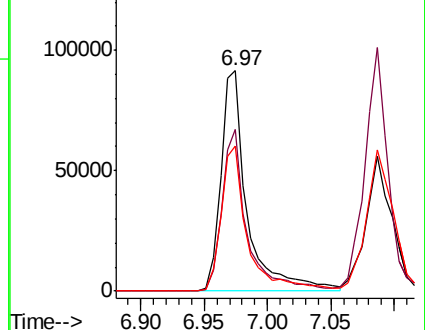
77 66.0 50.2 75.2

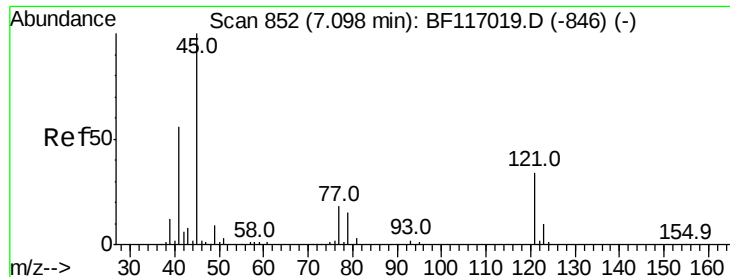


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

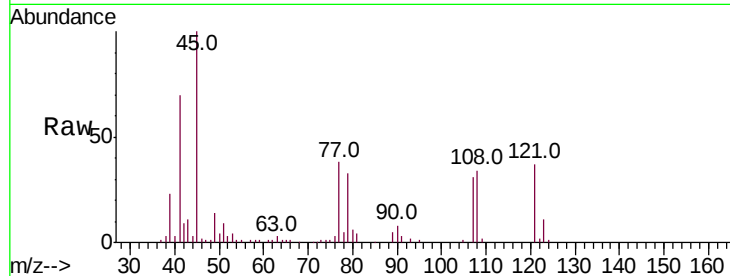




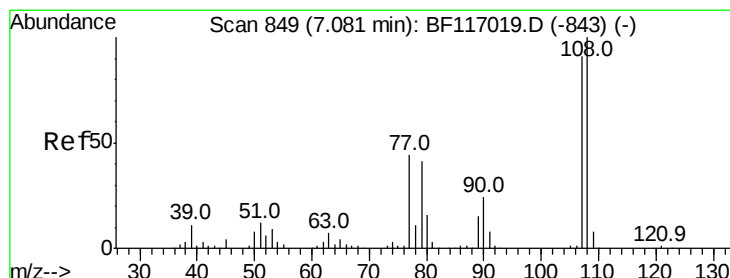
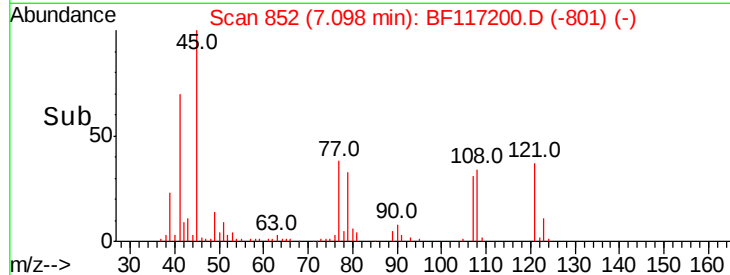
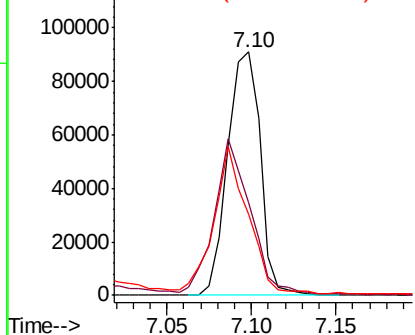
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.820 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 122512
Ion Ratio Lower Upper
45 100
77 37.8 2.7 42.7
79 33.2 0.0 38.9

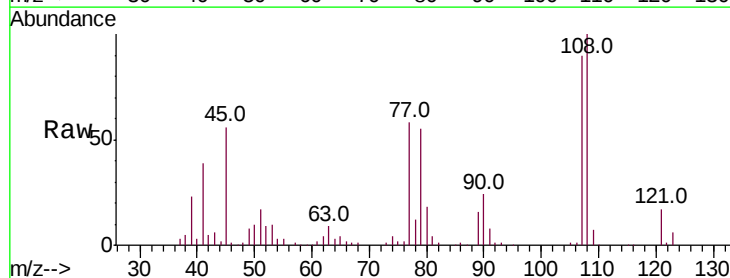


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

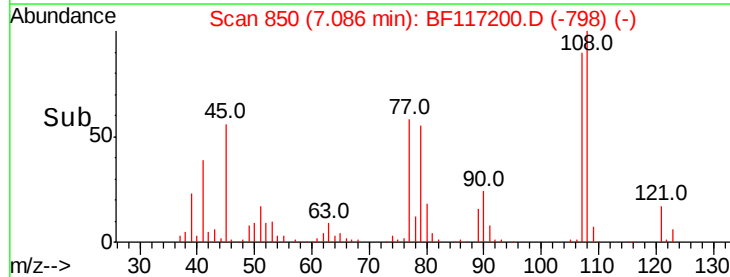
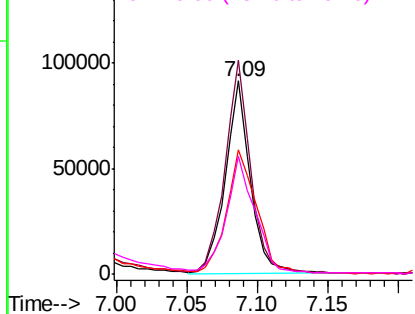


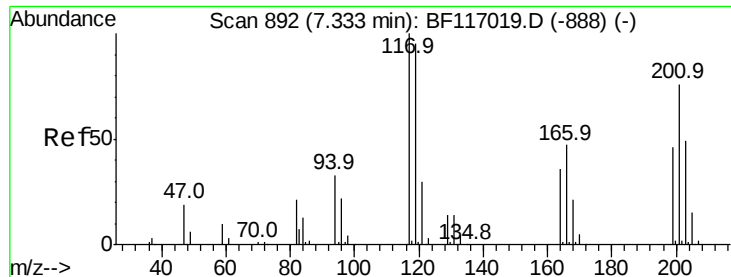
#17
2-Methylphenol
Concen: 50.157 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:107 Resp: 112303
Ion Ratio Lower Upper
107 100
108 110.6 87.7 131.5
77 64.1 38.6 58.0#
79 61.1 36.8 55.2#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

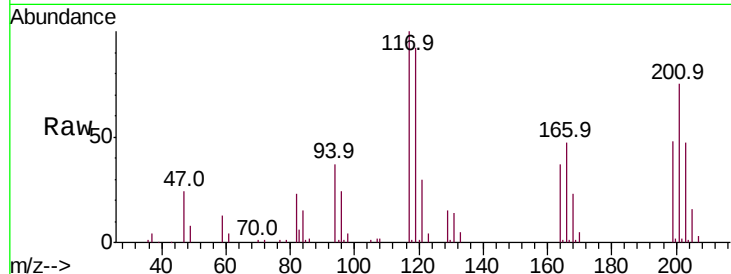




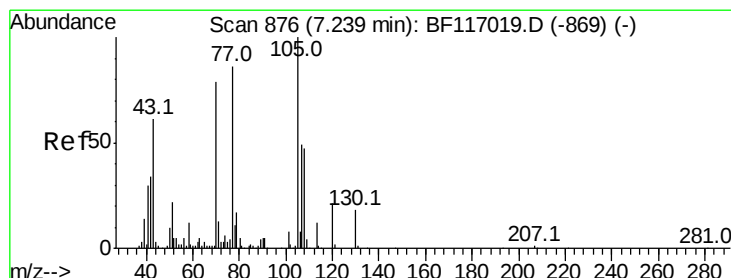
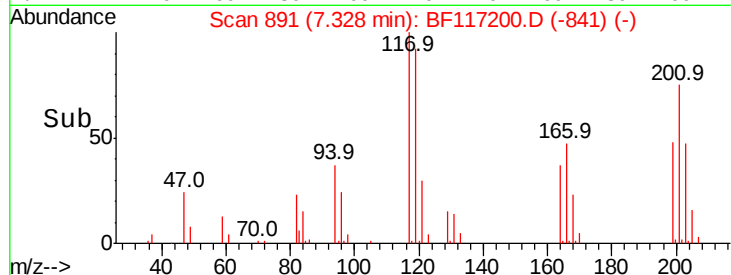
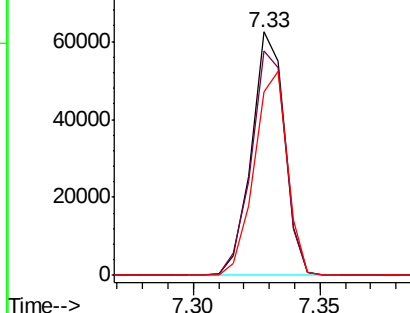
#18
Hexachloroethane
Concen: 48.316 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 56865
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.8
201 75.1 60.9 91.3

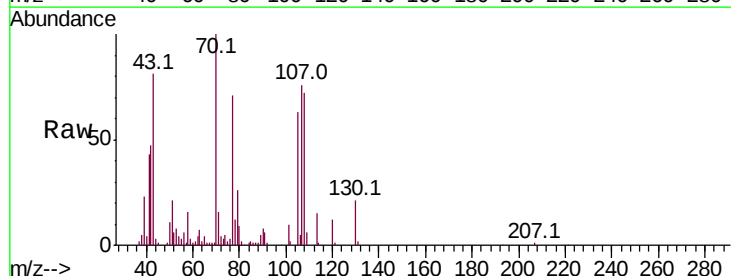


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

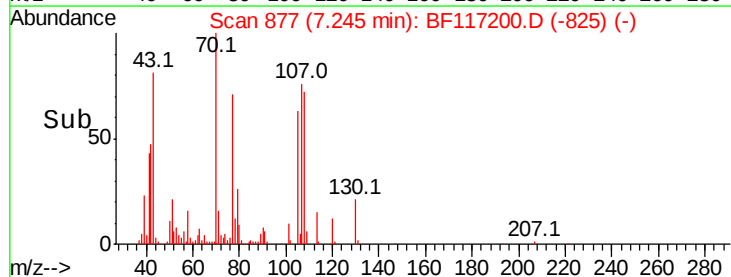
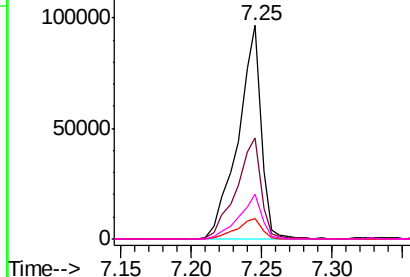


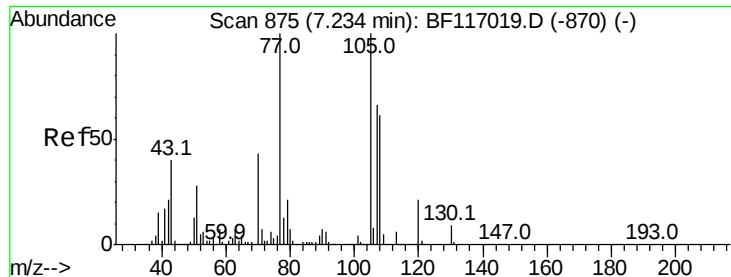
#19
n-Nitroso-di-n-propylamine
Concen: 56.559 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion: 70 Resp: 110223
Ion Ratio Lower Upper
70 100
42 47.3 34.0 51.0
101 9.7 7.8 11.6
130 21.1 17.8 26.8



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 52.005 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 145038

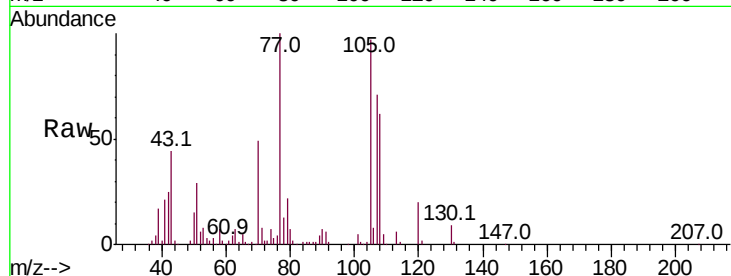
Ion Ratio Lower Upper

107 100

108 86.8 72.6 112.6

77 140.4 132.1 172.1

79 31.6 12.1 52.1

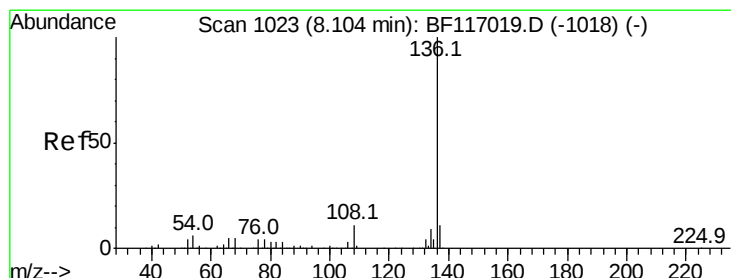
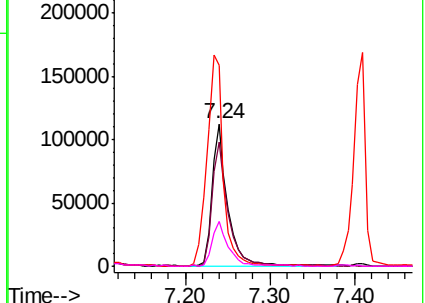
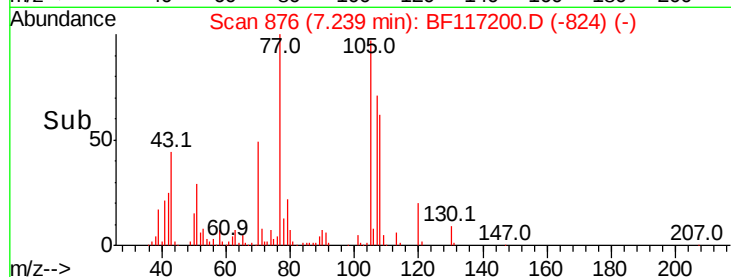


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:136 Resp: 156698

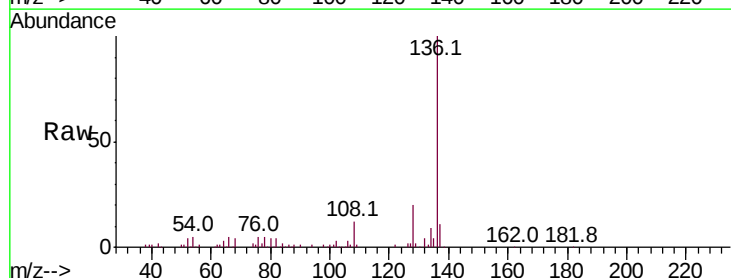
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.1 4.5 6.7

68 4.0 4.0 6.0

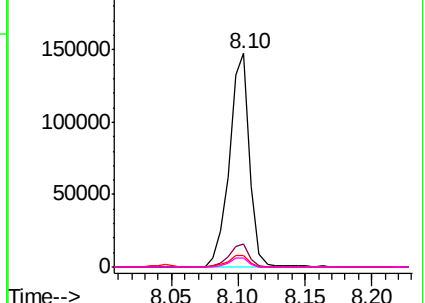
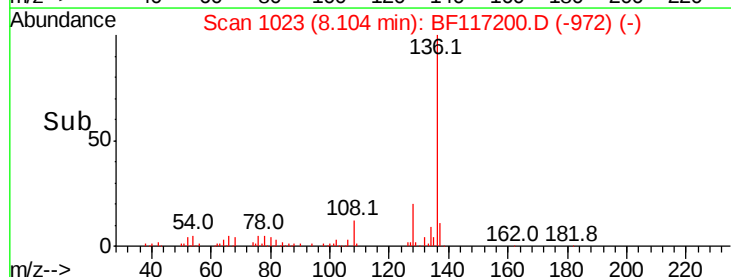


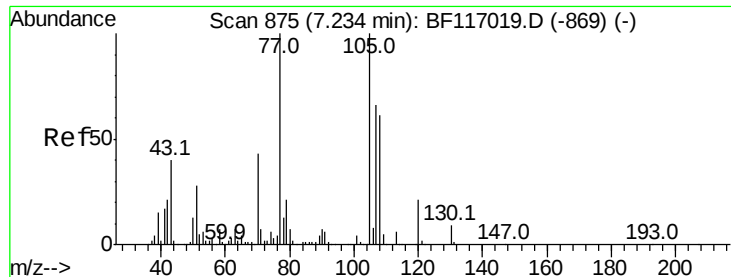
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 55.099 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 219359

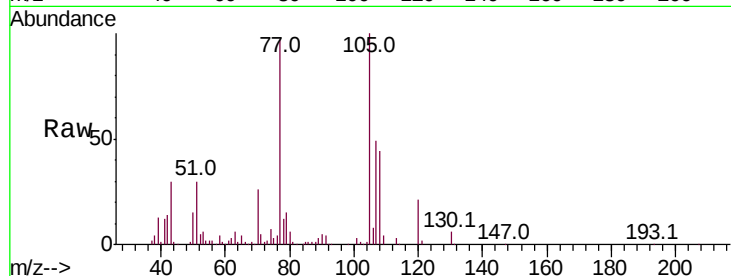
Ion Ratio Lower Upper

105 100

71 4.6 5.7 8.5#

51 30.3 22.1 33.1

120 20.9 17.1 25.7

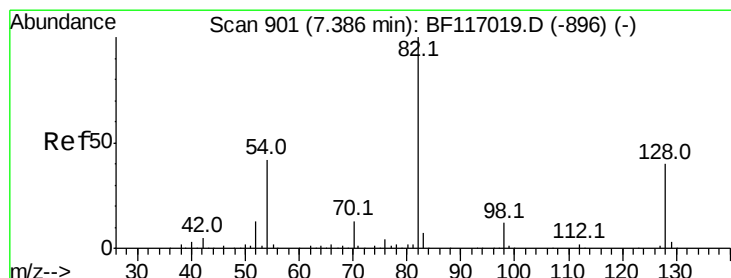
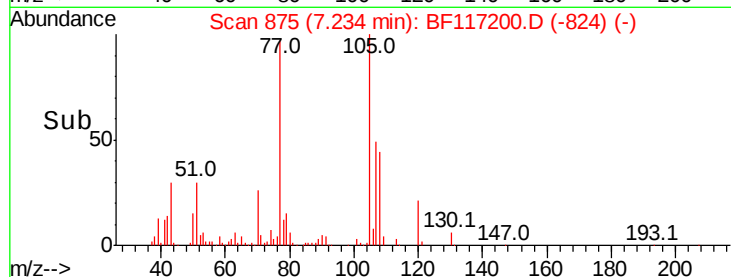
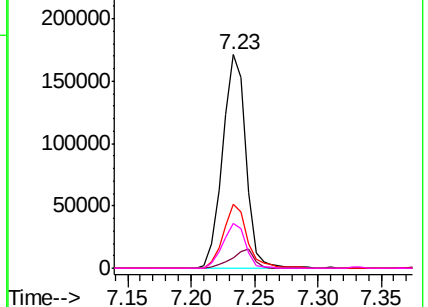


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 108.097 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

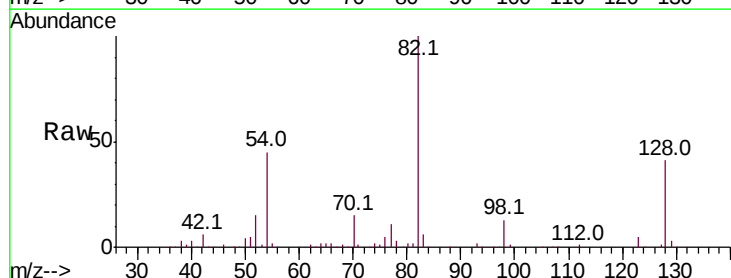
Tgt Ion: 82 Resp: 322378

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

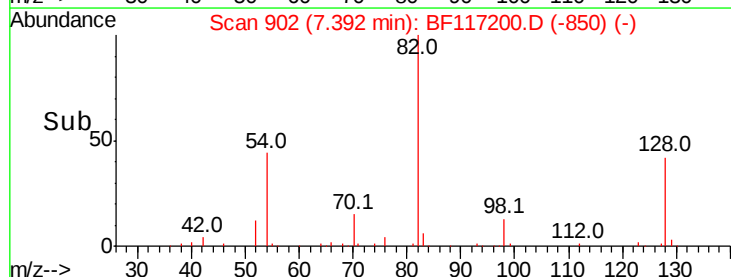
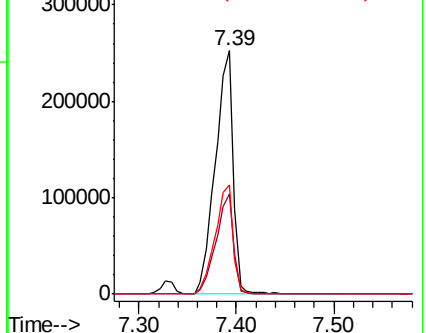
54 44.7 33.3 49.9

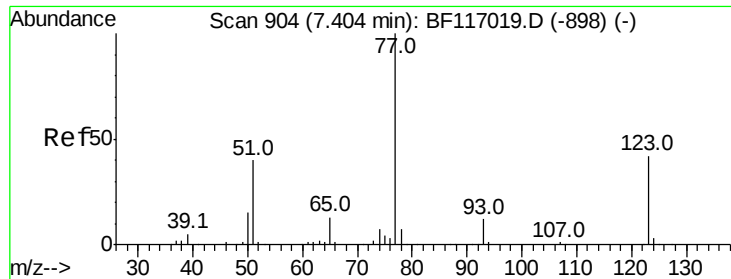


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 54.515 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

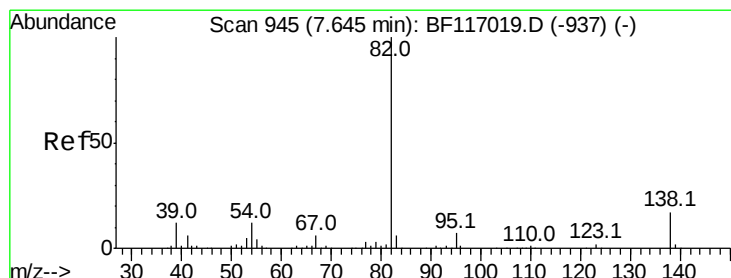
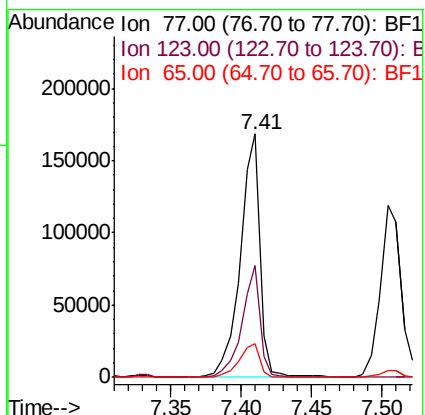
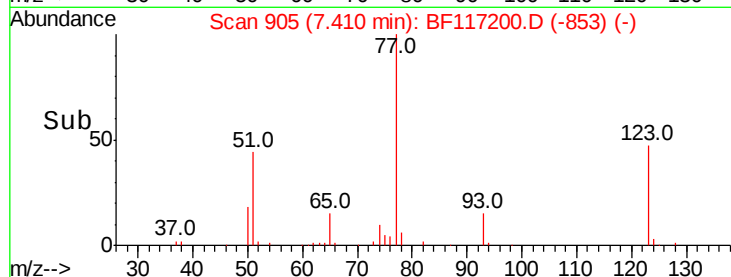
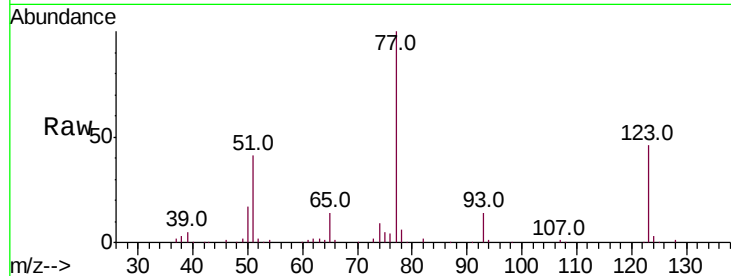
Tot Ion: 77 Resp: 160554

Ion Ratio Lower Upper

77 100

123 45.7 33.5 50.3

65 13.7 10.5 15.7



#25

Isophorone

Concen: 56.294 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

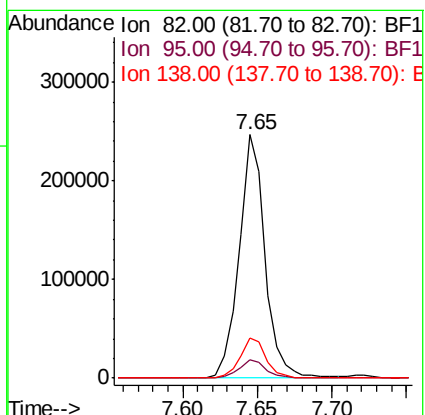
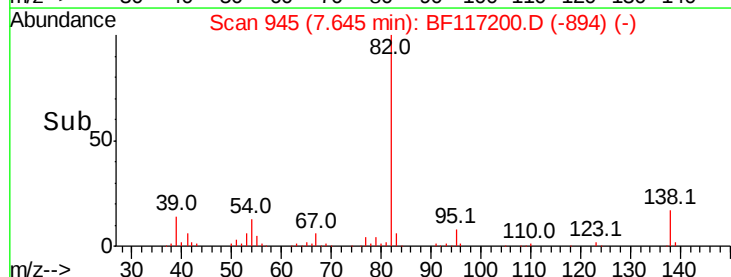
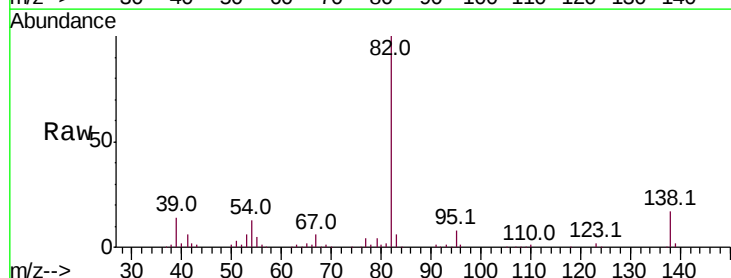
Tgt Ion: 82 Resp: 297258

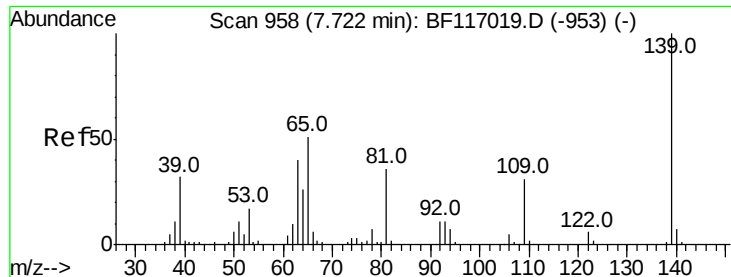
Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

138 16.6 13.5 20.3

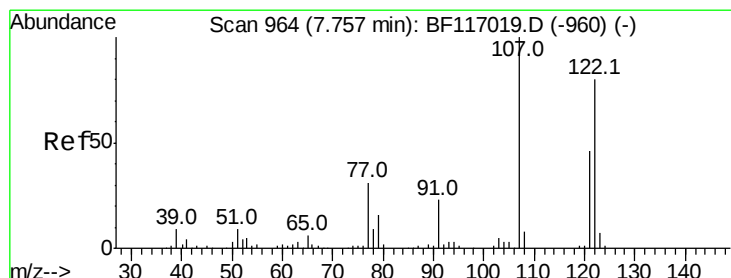
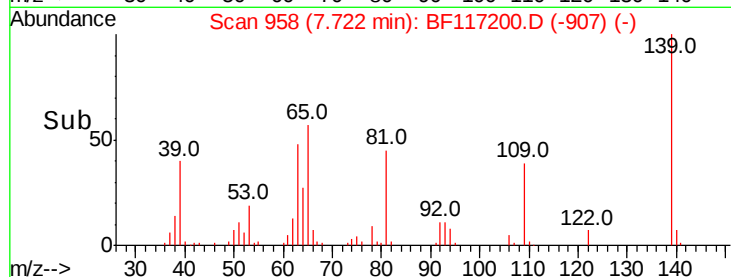
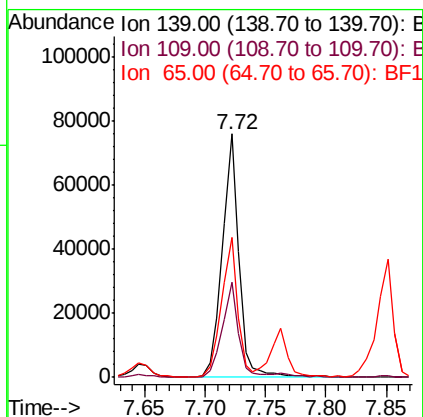
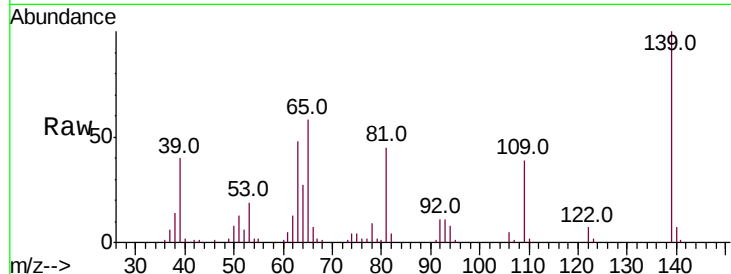




#26
2-Nitrophenol
Concen: 57.483 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

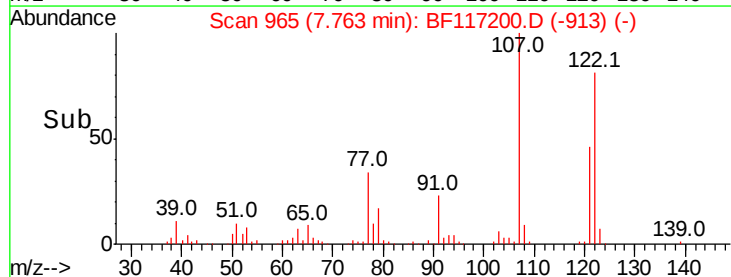
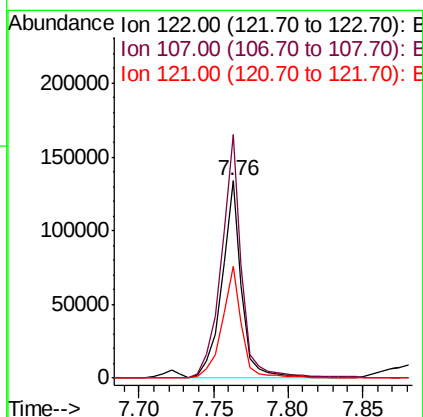
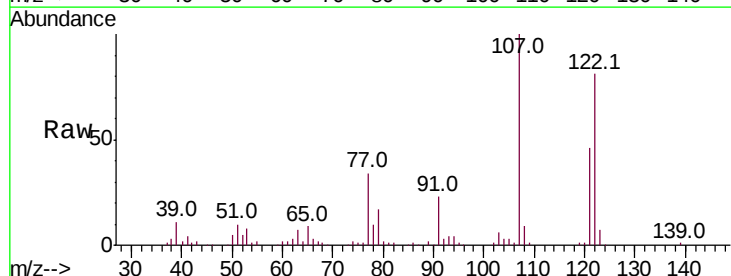
Instrument :
BNA_F
ClientSampleId :

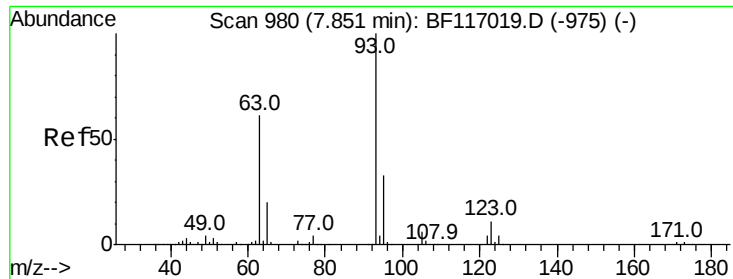
Tot Ion:139 Resp: 72719
Ion Ratio Lower Upper
139 100
109 38.9 24.6 36.8#
65 57.6 40.9 61.3



#27
2,4-Dimethylphenol
Concen: 61.429 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:122 Resp: 123233
Ion Ratio Lower Upper
122 100
107 123.4 98.9 148.3
121 56.4 45.3 67.9

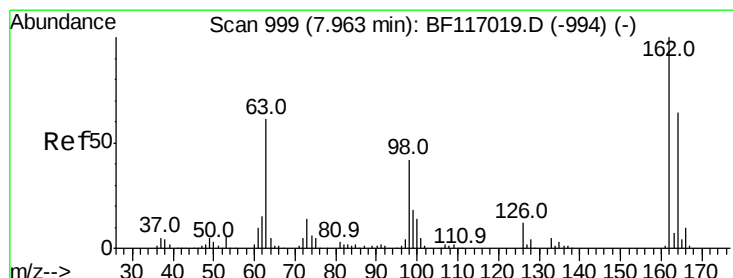
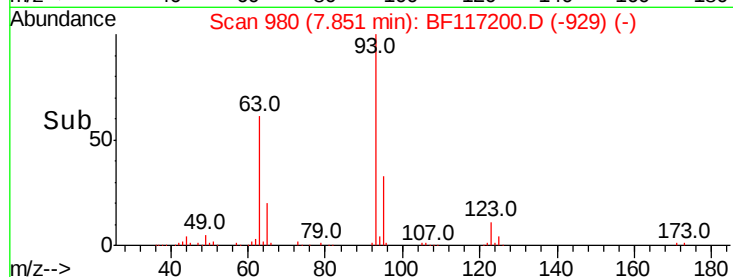
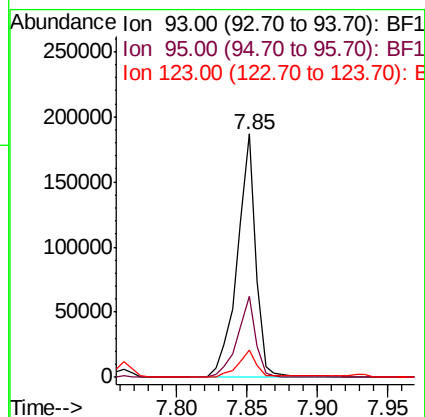
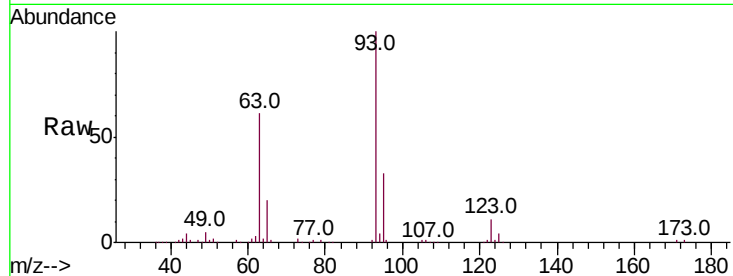




#28
bis(2-Chloroethoxy)methane
Concen: 52.724 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

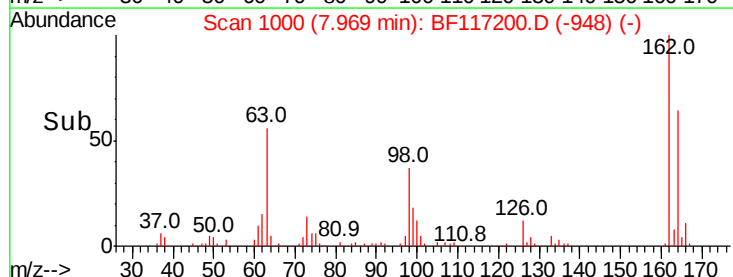
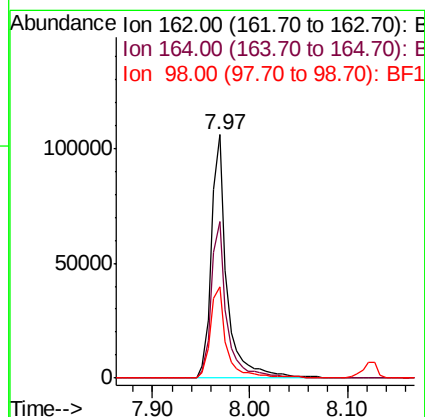
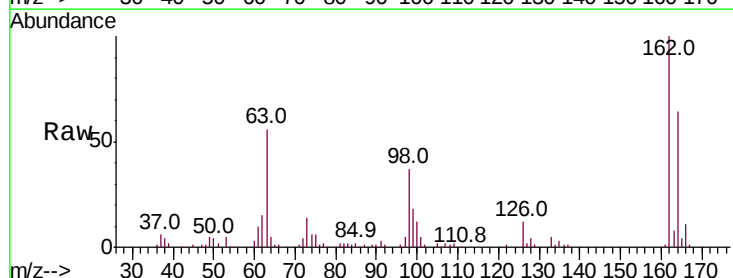
Instrument :
BNA_F
ClientSampled :

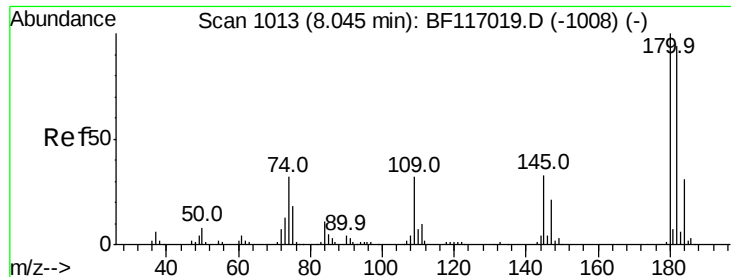
Tot Ion: 93 Resp: 171530
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 11.3 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 55.718 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:162 Resp: 117121
Ion Ratio Lower Upper
162 100
164 64.1 43.8 83.8
98 37.4 22.1 62.1

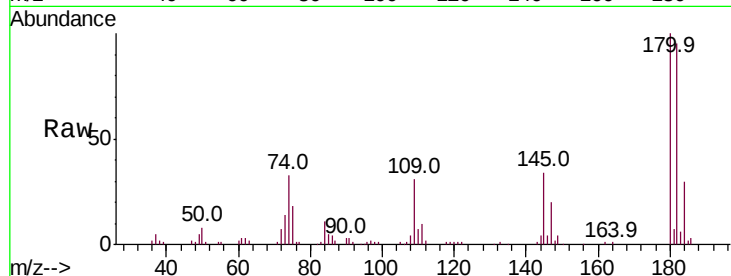




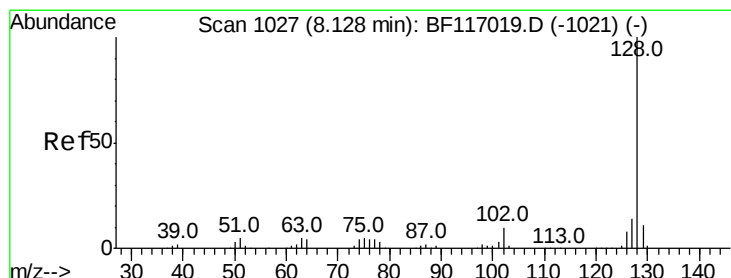
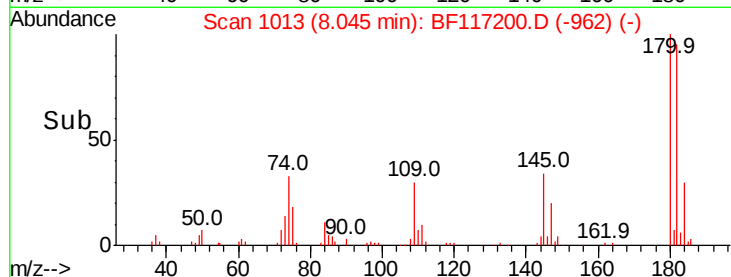
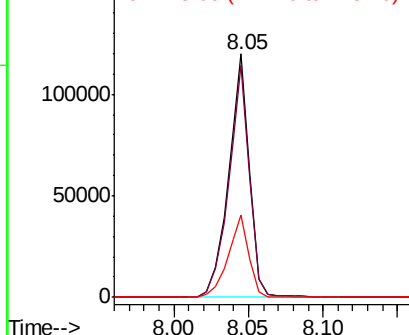
#30
 1,2,4-Trichlorobenzene
 Concen: 51.712 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 117437
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.0
 145 33.9 26.7 40.1

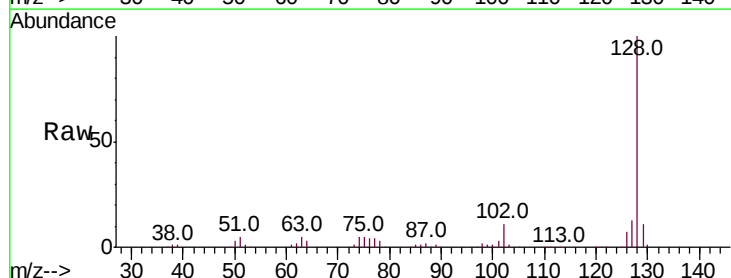


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

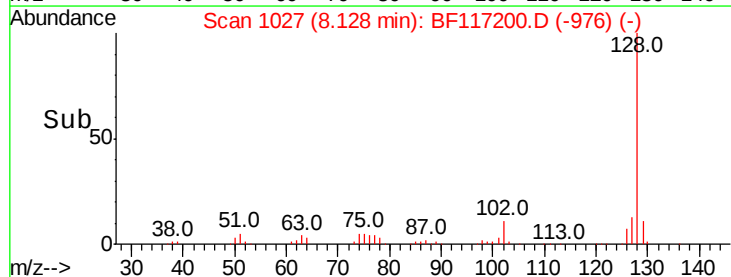
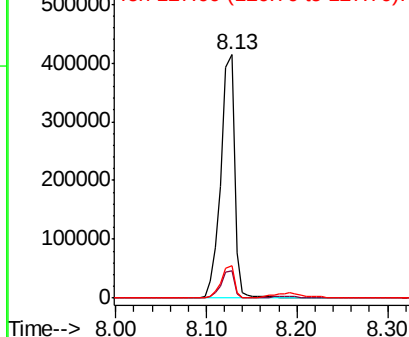


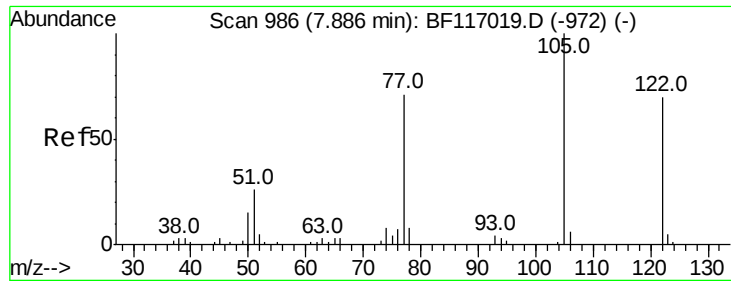
#31
 Naphthalene
 Concen: 57.626 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:128 Resp: 434282
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.4
 127 13.3 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: 43.879 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.05 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

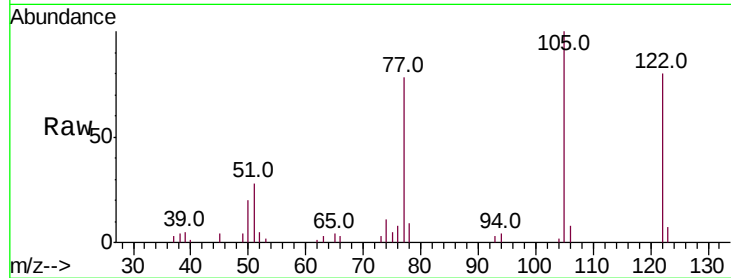
Tot Ion:122 Resp: 65472

Ion Ratio Lower Upper

122 100

105 125.4 114.8 154.8

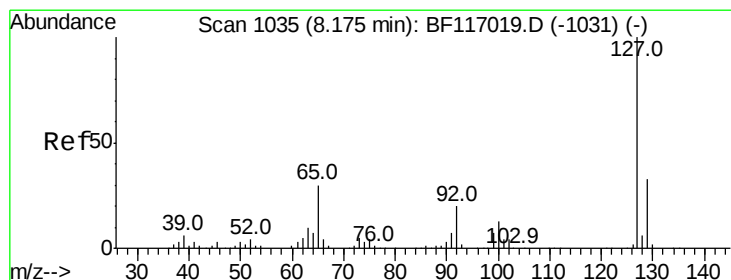
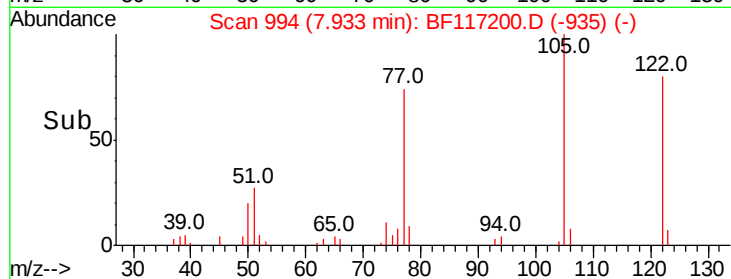
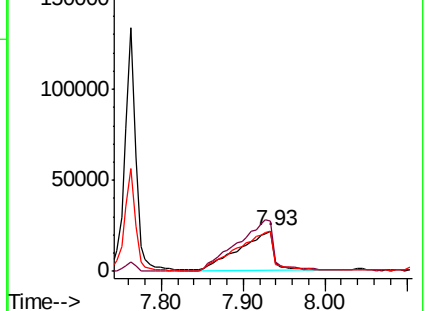
77 97.8 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 6.674 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:127 Resp: 22308

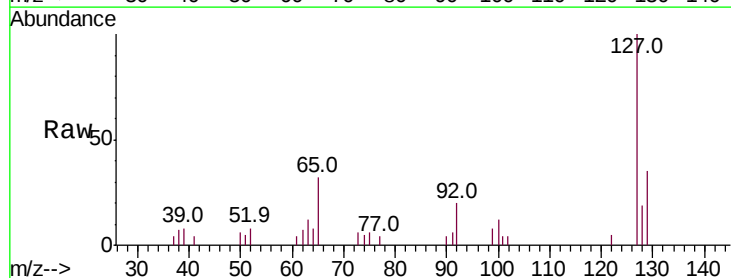
Ion Ratio Lower Upper

127 100

129 35.4 26.2 39.2

65 31.7 23.5 35.3

92 20.1 15.9 23.9

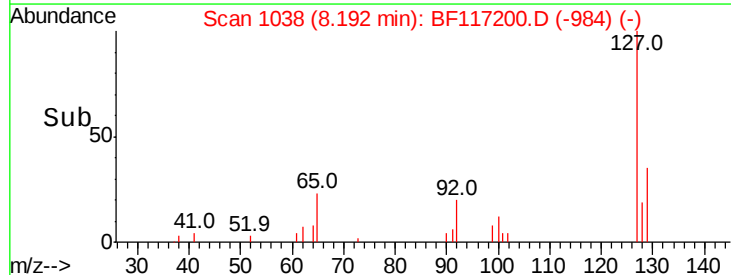
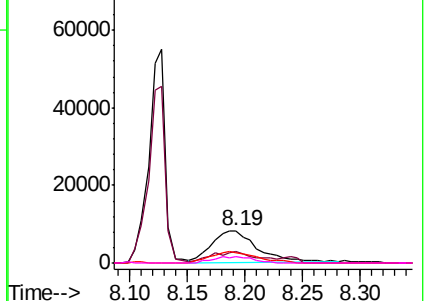


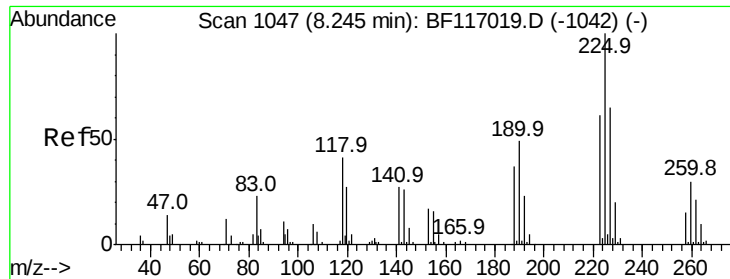
Abundance Ion 127.00 (126.70 to 127.70): E

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

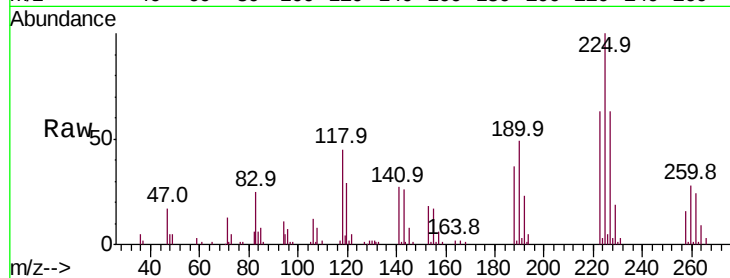




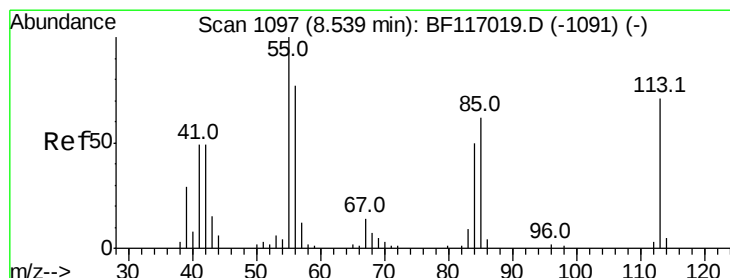
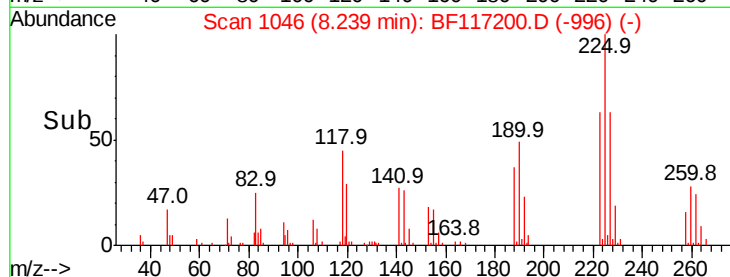
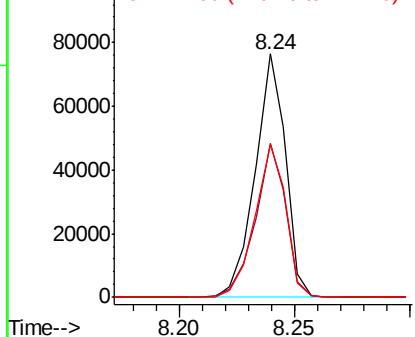
#34
Hexachlorobutadiene
Concen: 54.616 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 70369
Ion Ratio Lower Upper
225 100
223 63.2 49.1 73.7
227 62.7 52.2 78.2

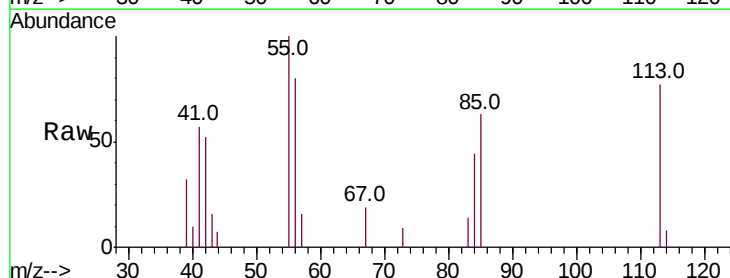


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

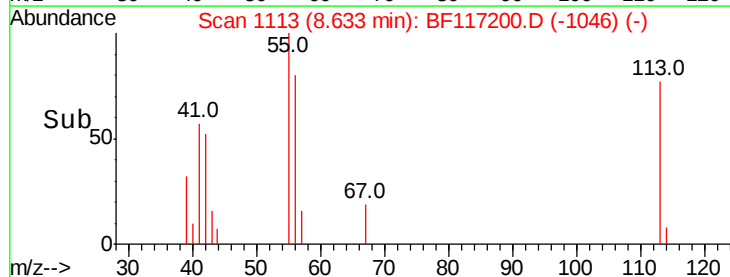
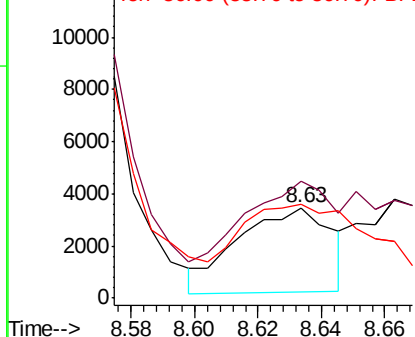


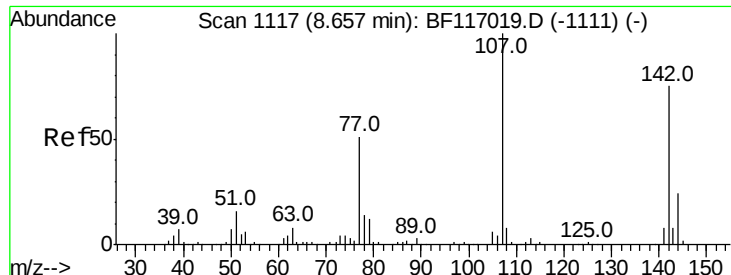
#35
Caprolactam
Concen: 9.368 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.09 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:113 Resp: 6665
Ion Ratio Lower Upper
113 100
55 129.7 120.6 160.6
56 103.2 88.8 128.8



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

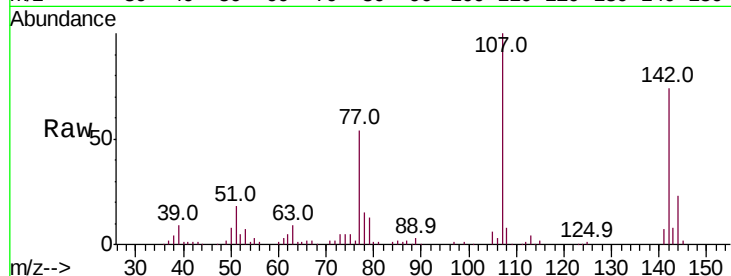




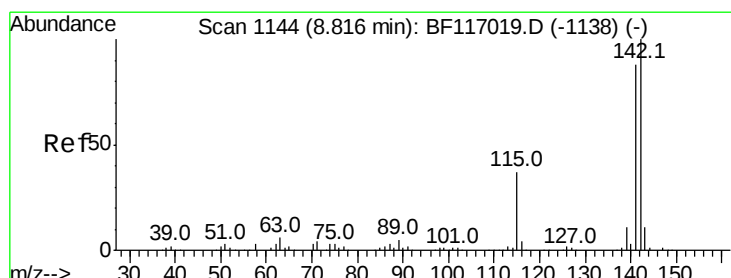
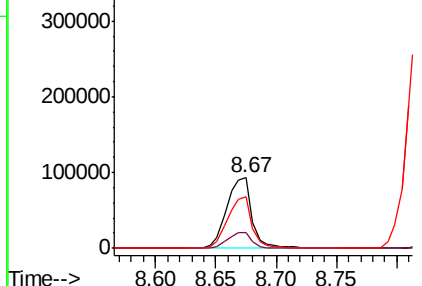
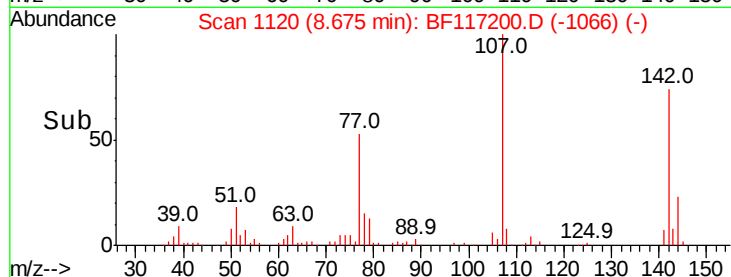
#36
 4-Chloro-3-methylphenol
 Concen: 55.286 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 135505
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.2 28.8
 142 73.8 59.6 89.4

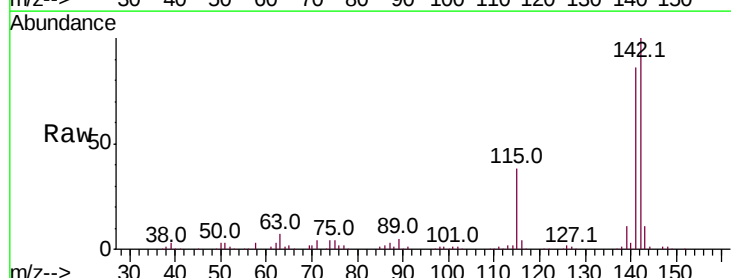


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

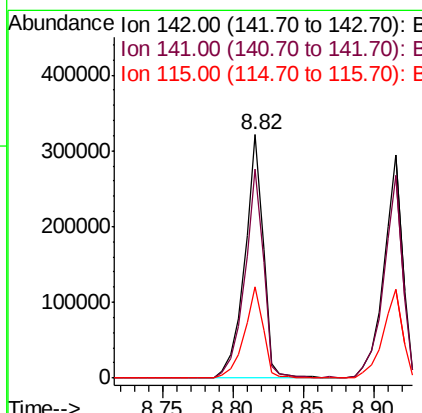
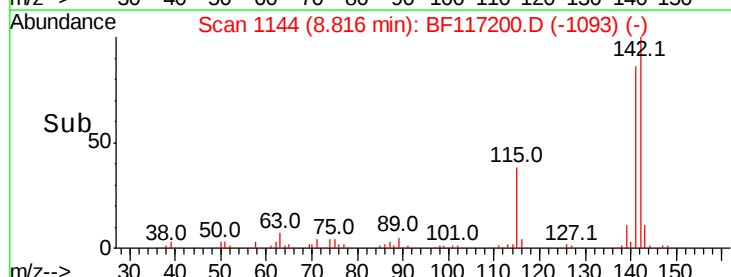


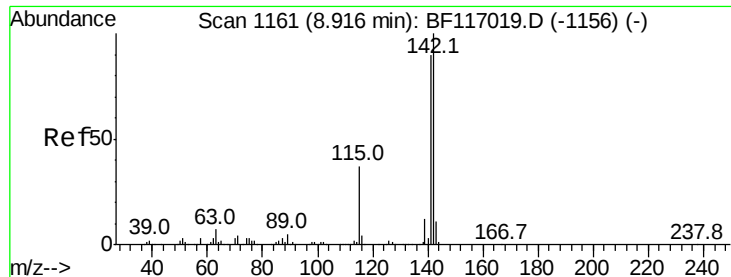
#37
 2-Methylnaphthalene
 Concen: 58.115 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:142 Resp: 294922
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.7 106.1
 115 37.6 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

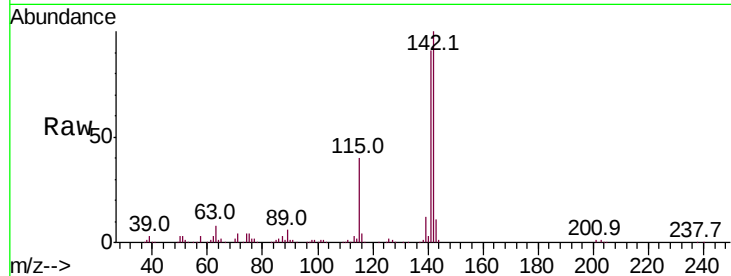




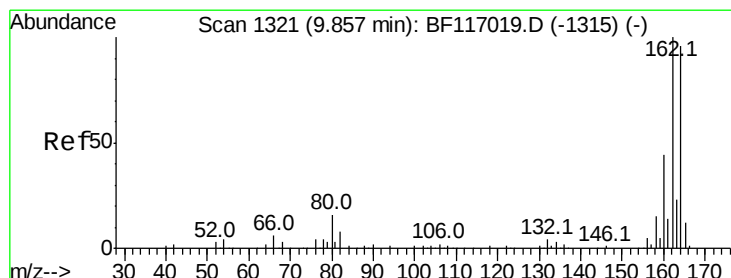
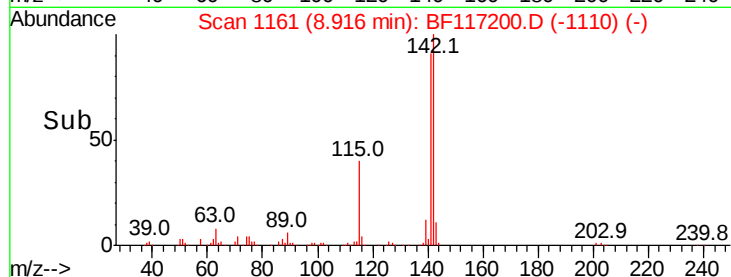
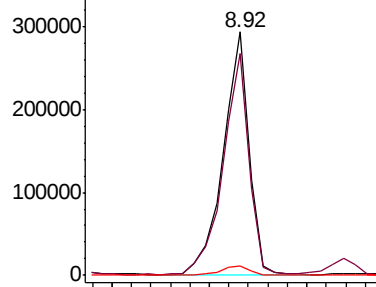
#38
1-Methylnaphthalene
Concen: 56.256 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 267384
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
116 4.1 3.2 4.8

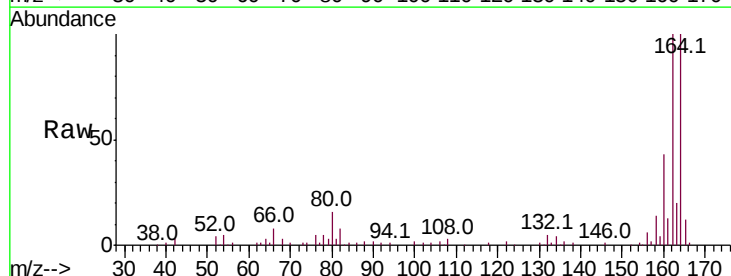


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

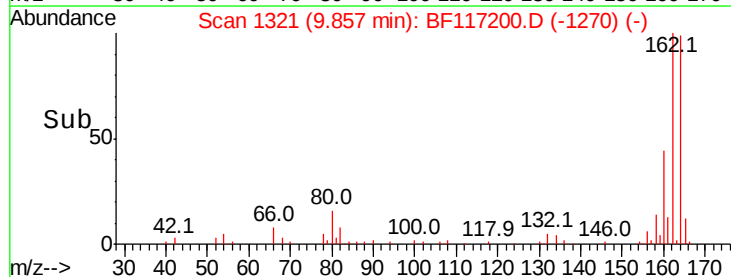
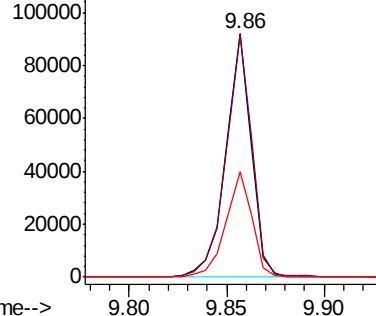


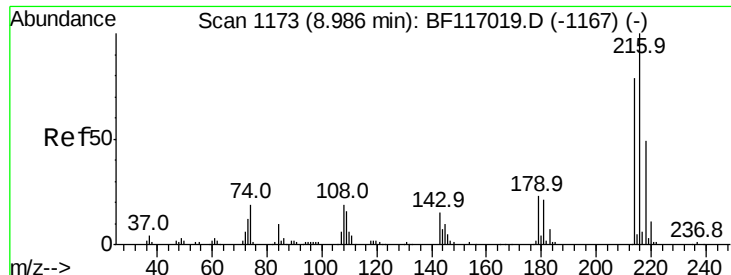
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:164 Resp: 82705
Ion Ratio Lower Upper
164 100
162 99.7 83.4 125.2
160 43.4 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

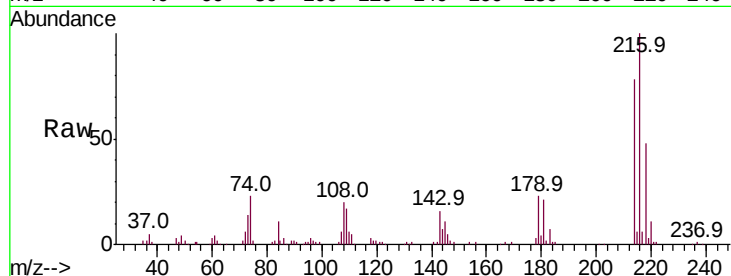




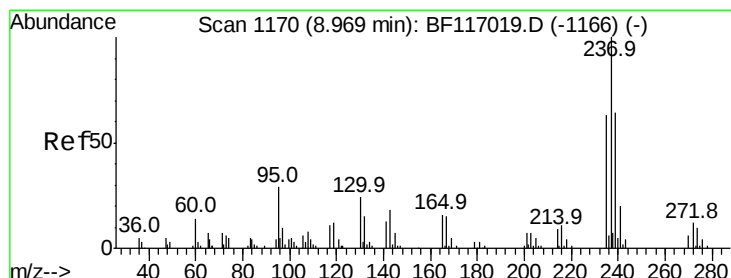
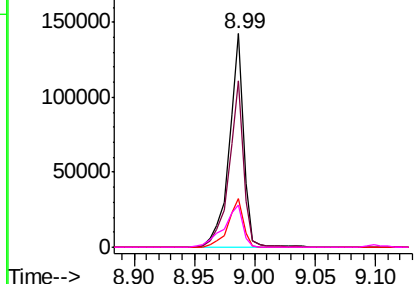
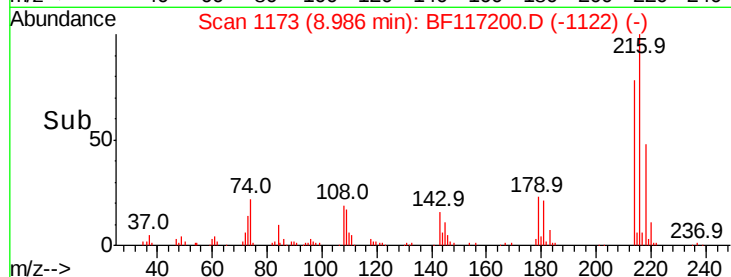
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.524 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	118581
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.6	95.4
179	23.8	18.3	27.5
108	25.8	17.8	26.6

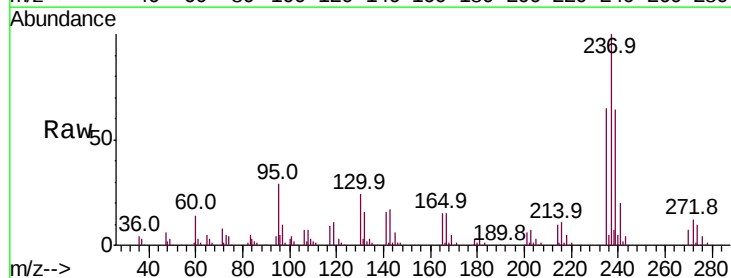


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

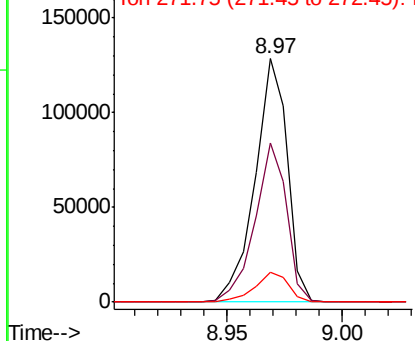
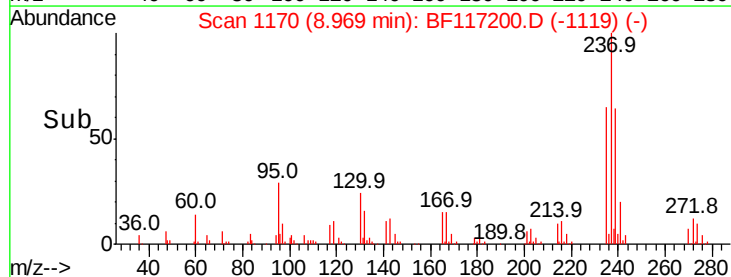


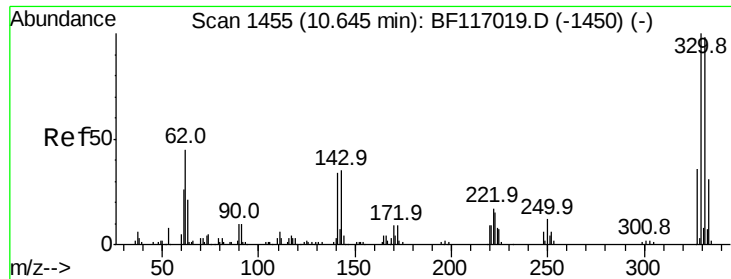
#41
 Hexachlorocyclopentadiene
 Concen: 127.793 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:	237	Resp:	125545
Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.2	83.2
272	12.2	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

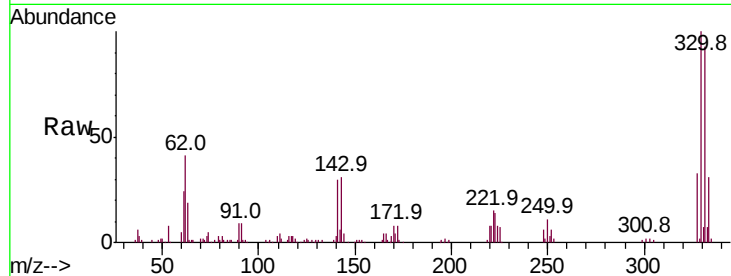




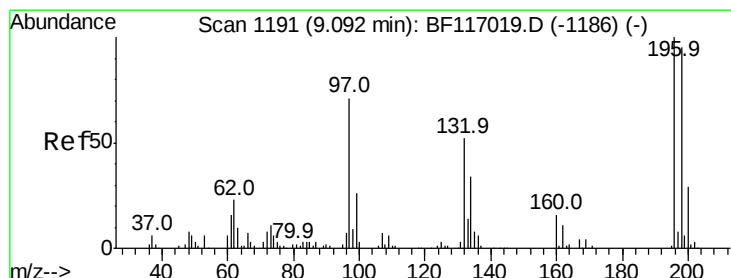
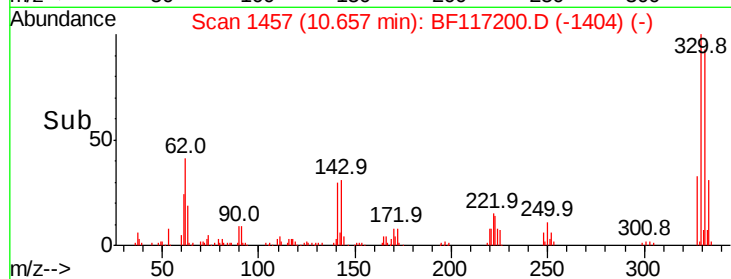
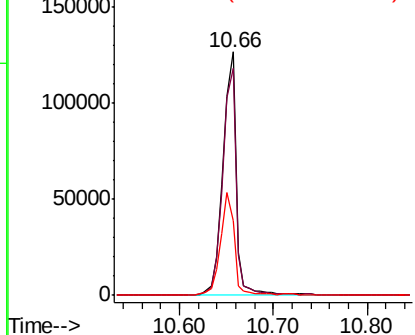
#42
 2,4,6-Tribromophenol
 Concen: 183.459 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	43.4	35.8	53.6

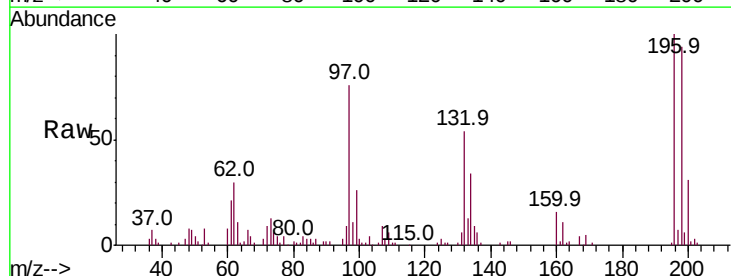


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

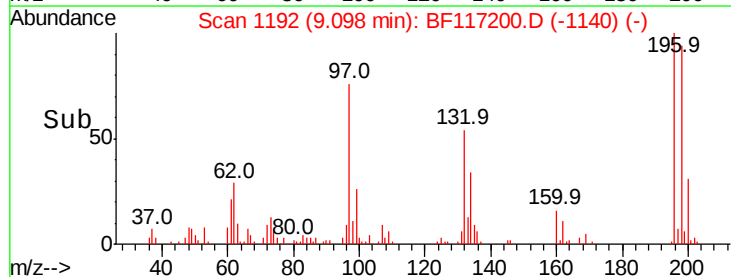
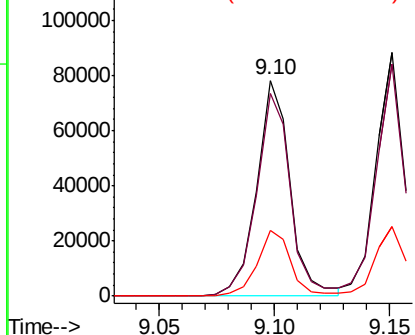


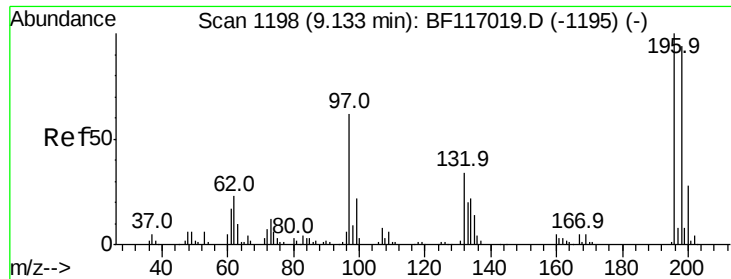
#43
 2,4,6-Trichlorophenol
 Concen: 54.795 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
200	30.6	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

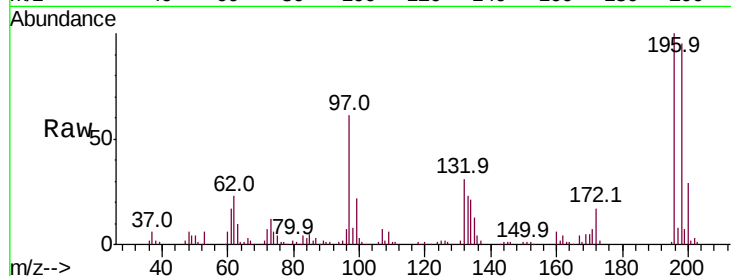




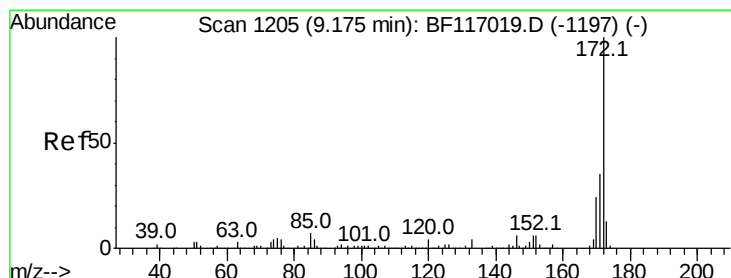
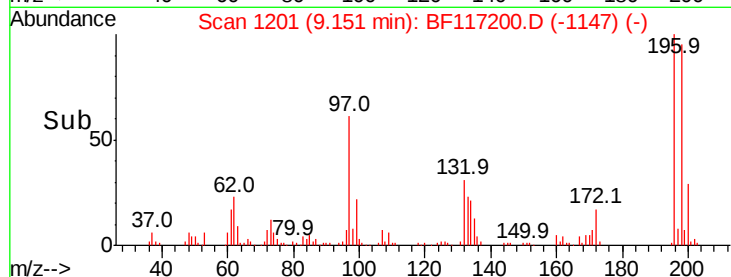
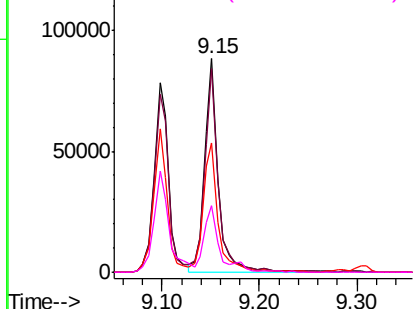
#44
 2,4,5-Trichlorophenol
 Concen: 55.942 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 86624
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 60.7 49.5 74.3
 132 31.4 27.4 41.2

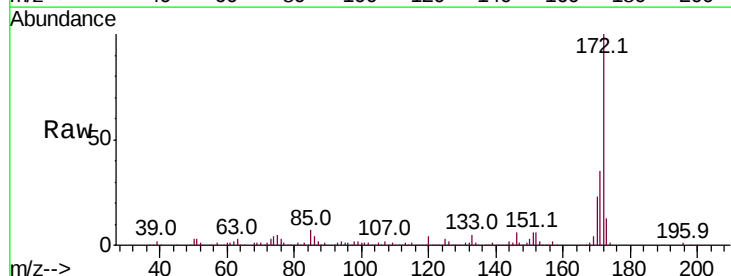


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

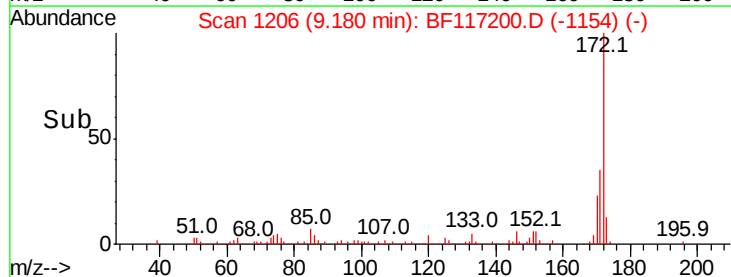
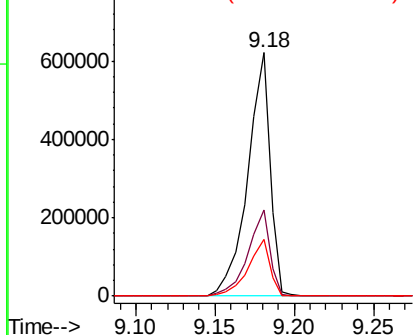


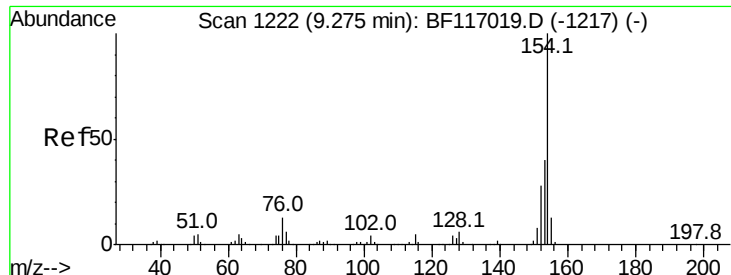
#45
 2-Fluorobiphenyl
 Concen: 115.432 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:172 Resp: 610573
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.2
 170 23.5 18.9 28.3



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





#46

1,1'-Biphenyl

Concen: 53.880 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

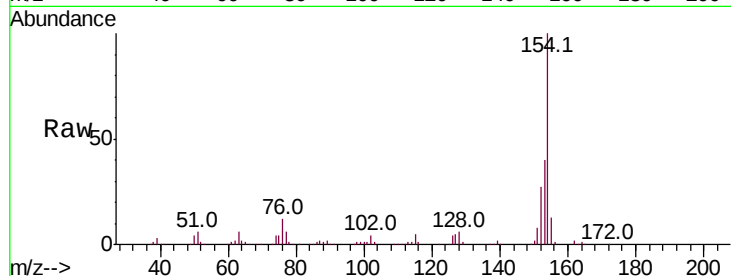
Tot Ion:154 Resp: 349542

Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

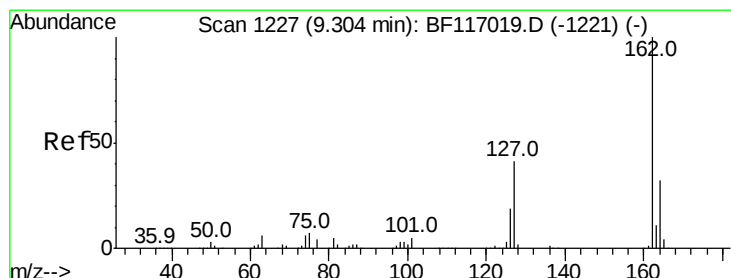
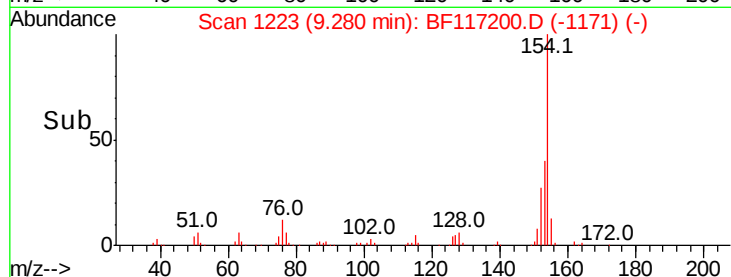
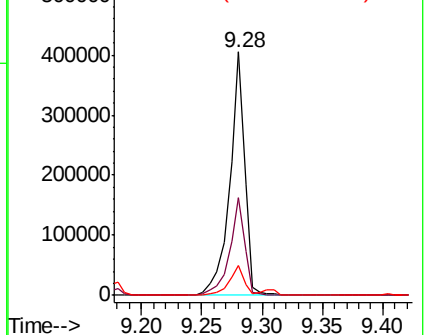
76 12.5 0.0 32.7



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: 52.612 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

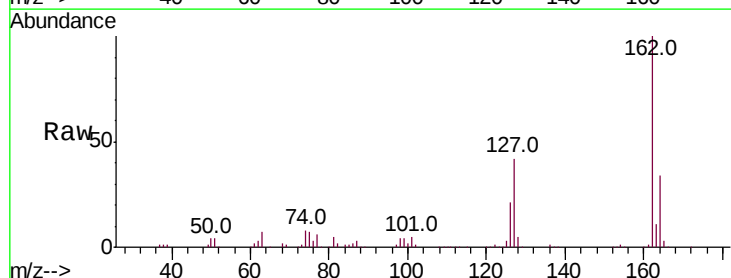
Tgt Ion:162 Resp: 269369

Ion Ratio Lower Upper

162 100

127 42.3 34.1 51.1

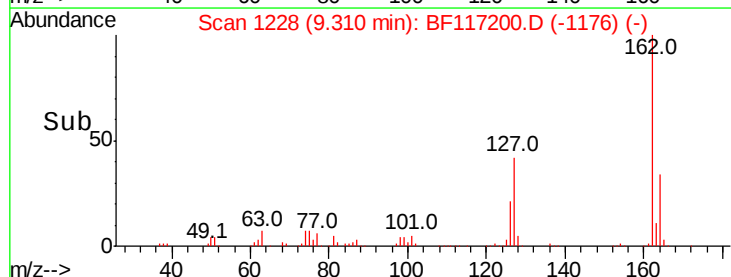
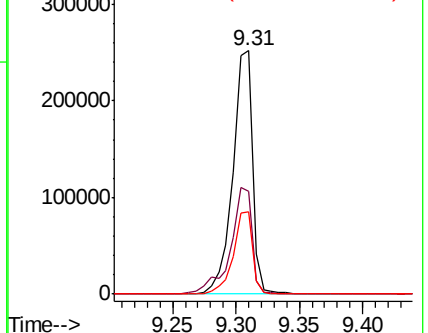
164 33.6 25.9 38.9

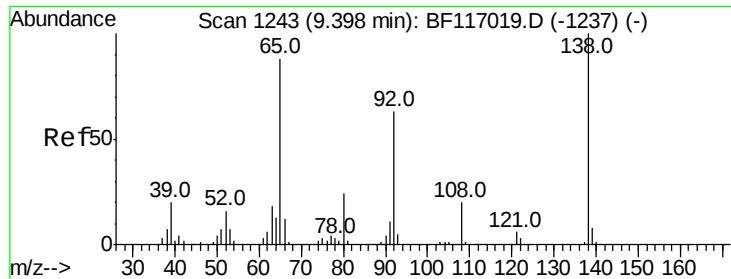


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

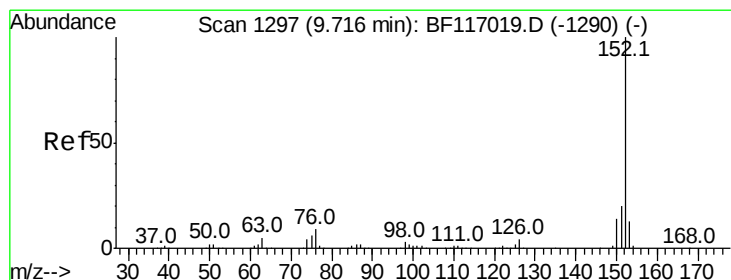
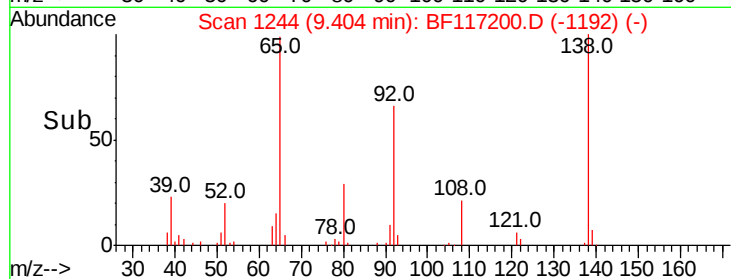
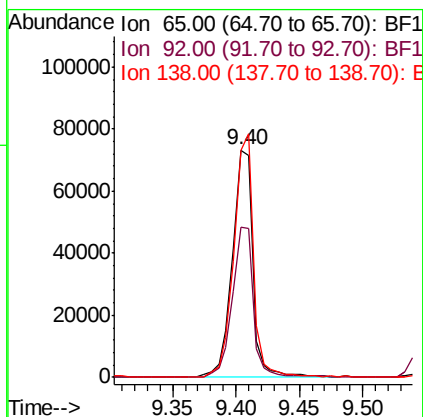
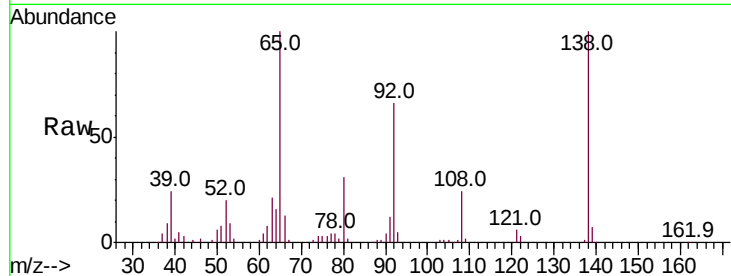




#48
2-Nitroaniline
Concen: 49.945 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

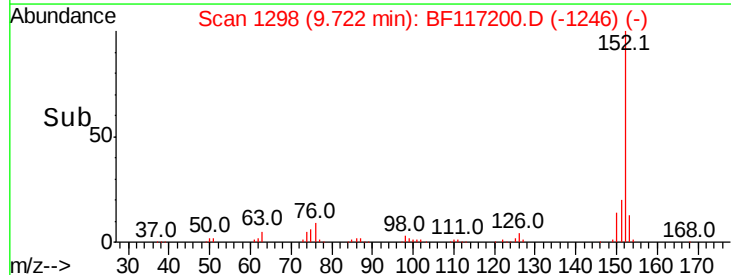
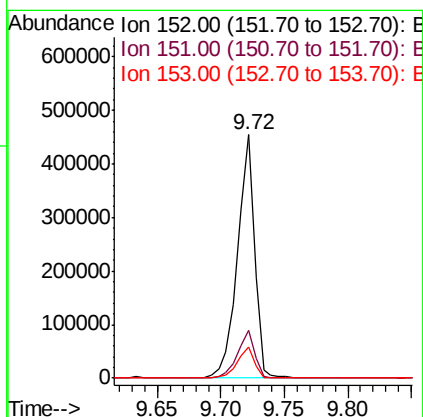
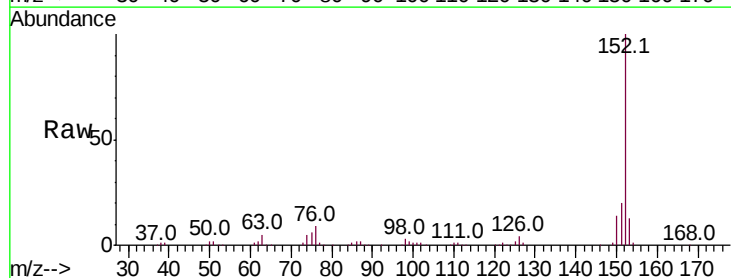
Instrument :
BNA_F
ClientSampleId :

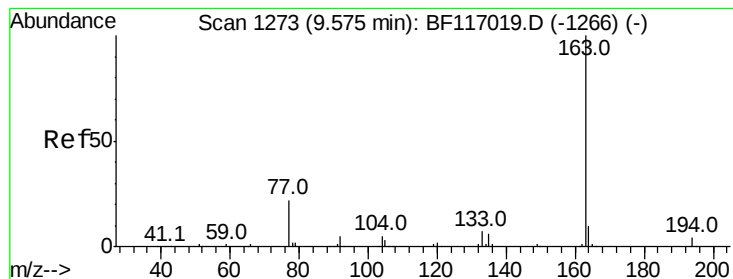
Tot Ion: 65 Resp: 82021
Ion Ratio Lower Upper
65 100
92 65.9 57.5 86.3
138 99.6 90.6 136.0



#49
Acenaphthylene
Concen: 55.099 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion: 152 Resp: 422606
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 12.7 10.2 15.4





#50

Dimethylphthalate

Concen: 55.533 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

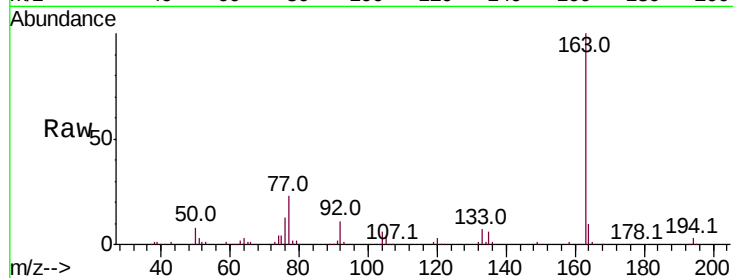
Tot Ion:163 Resp: 325196

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

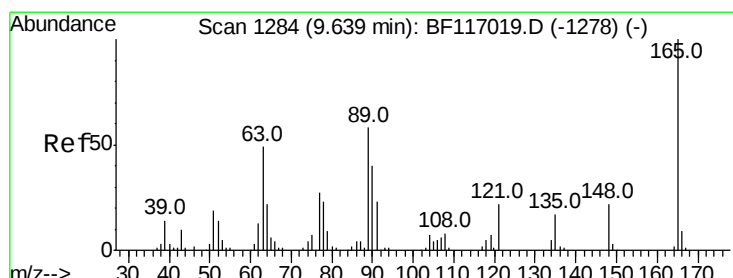
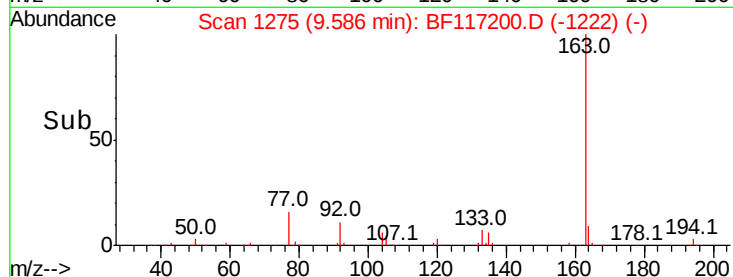
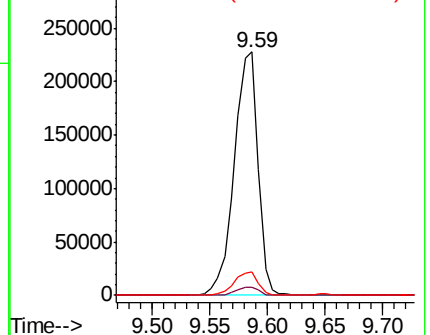
164 9.6 8.2 12.4



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: 59.438 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

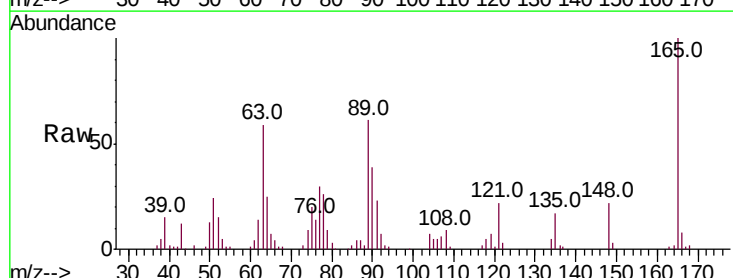
Tgt Ion:165 Resp: 70890

Ion Ratio Lower Upper

165 100

63 59.4 41.8 62.8

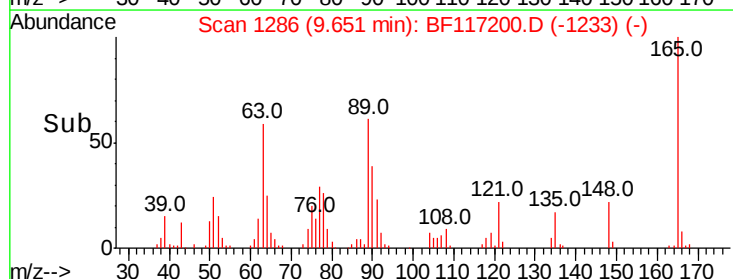
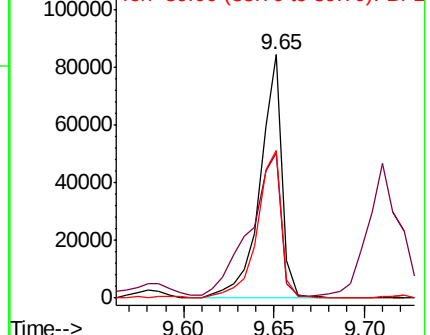
89 60.7 46.5 69.7

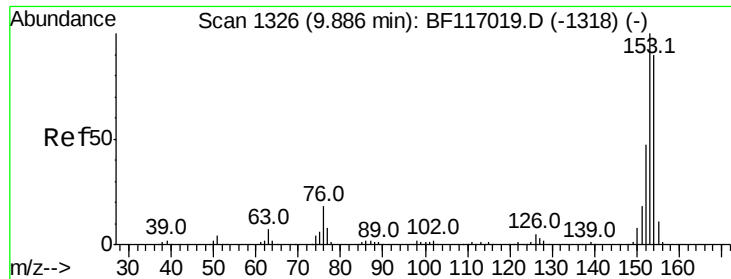


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 54.335 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampled :

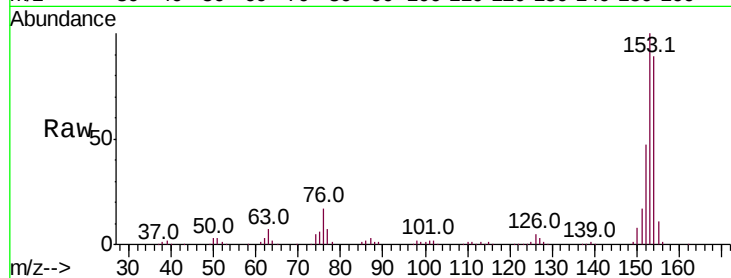
Tot Ion:154 Resp: 247041

Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.6

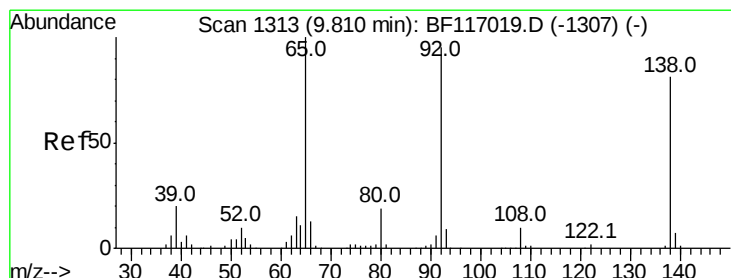
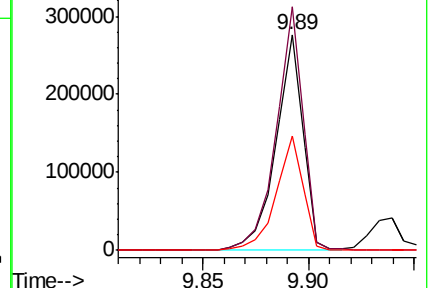
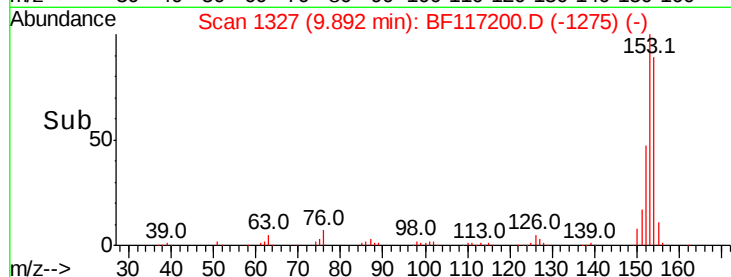
152 53.1 41.9 62.9



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: 12.222 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

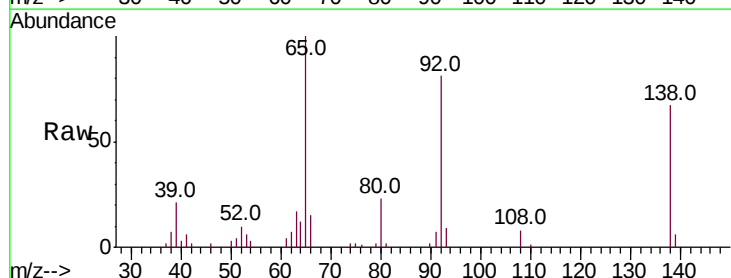
Tgt Ion:138 Resp: 18391

Ion Ratio Lower Upper

138 100

108 12.3 9.5 14.3

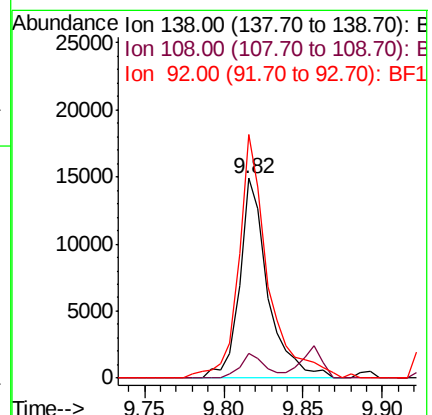
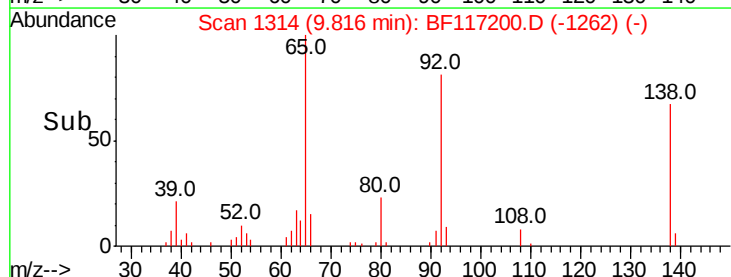
92 122.0 94.1 141.1

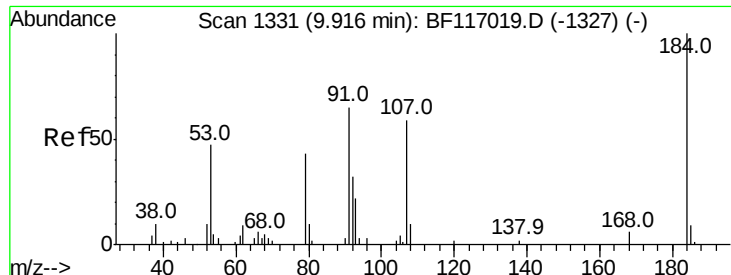


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

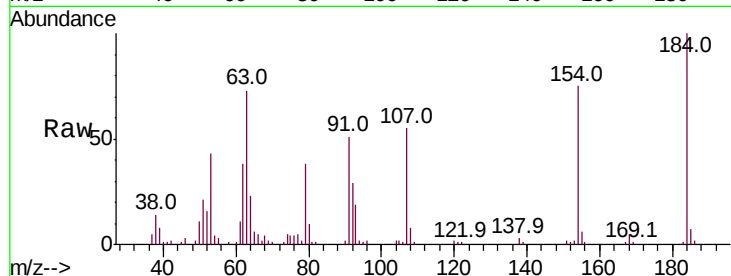




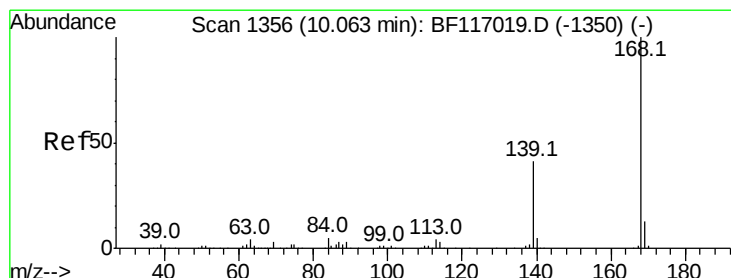
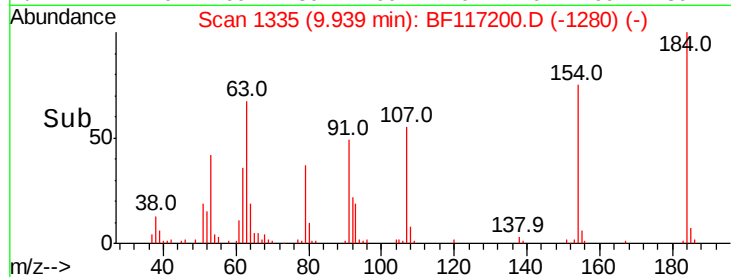
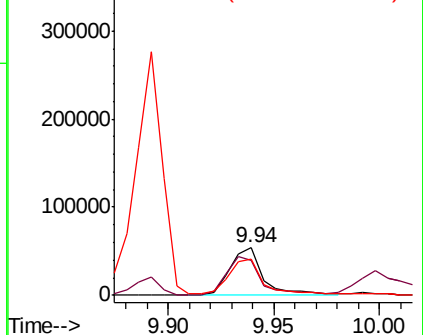
#54
 2,4-Dinitrophenol
 Concen: 111.522 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.1	63.8	95.6
154	75.3	60.4	90.6

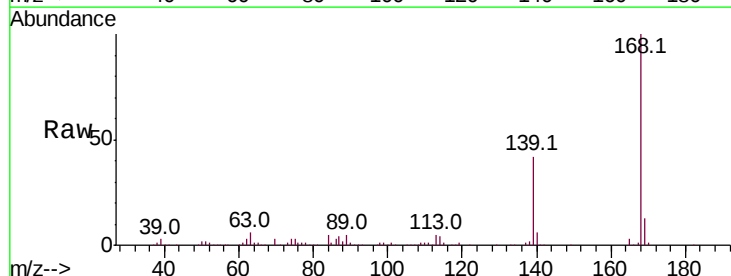


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

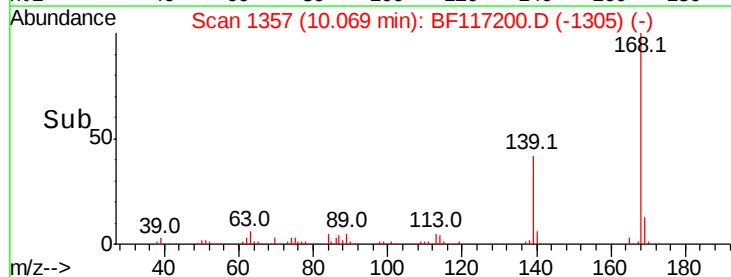
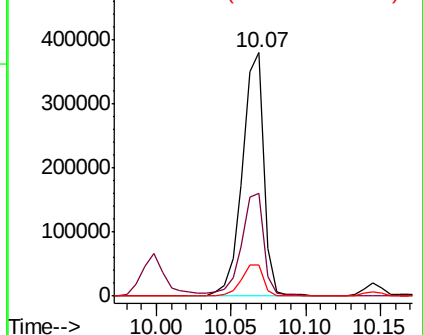


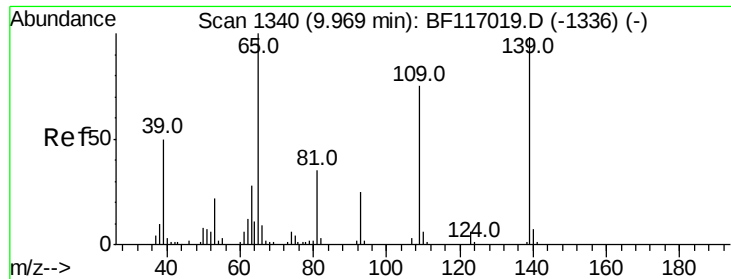
#55
 Dibenzofuran
 Concen: 56.797 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.8	49.2
169	12.8	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

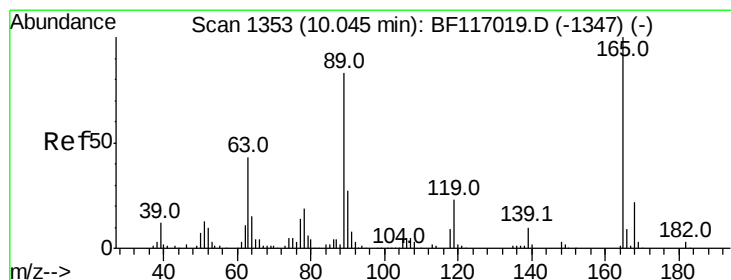
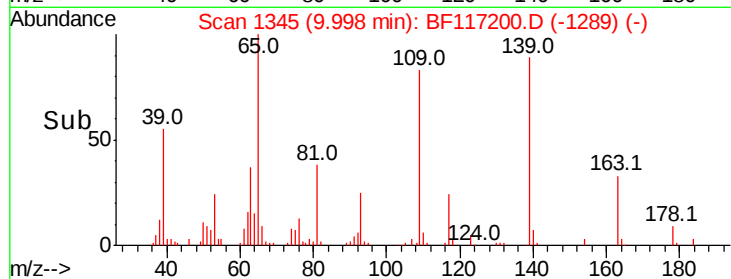
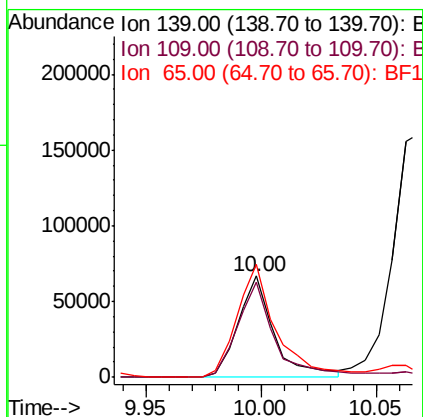
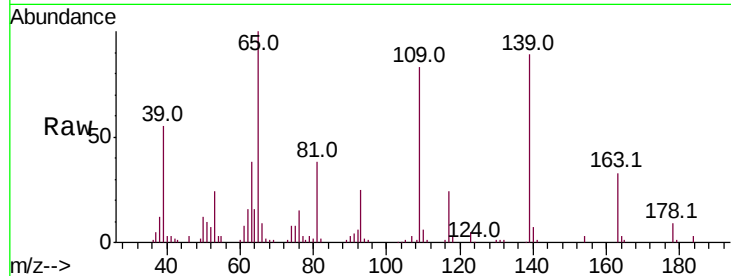




#56
4-Nitrophenol
Concen: 74.333 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

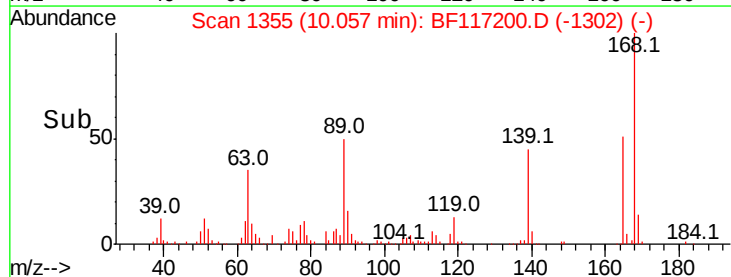
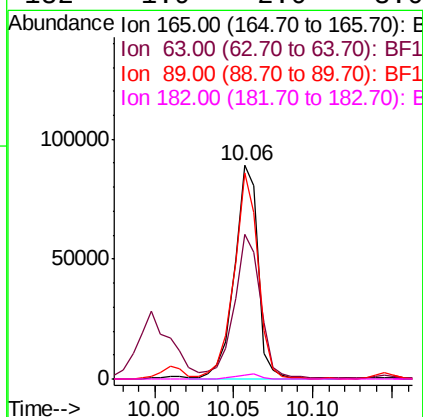
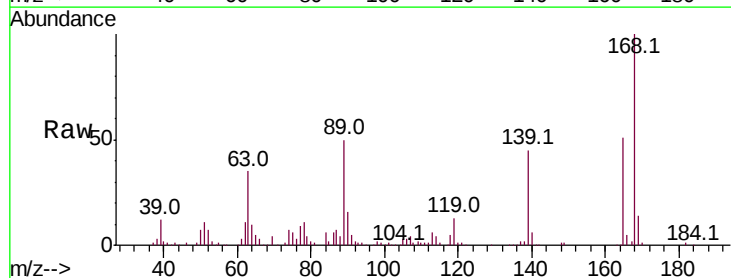
Instrument :
BNA_F
ClientSampleId :

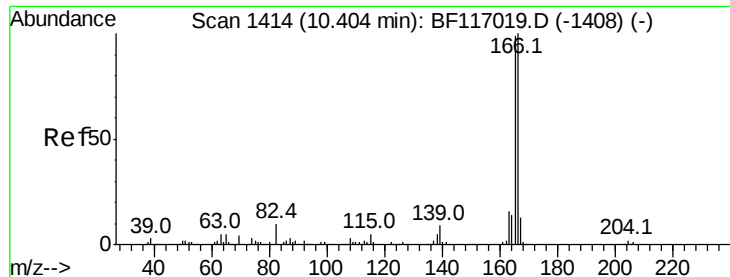
Tot Ion:139 Resp: 72494
Ion Ratio Lower Upper
139 100
109 93.5 56.4 96.4
65 112.2 82.5 122.5



#57
2,4-Dinitrotoluene
Concen: 59.585 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:165 Resp: 92247
Ion Ratio Lower Upper
165 100
63 67.9 35.0 52.4#
89 96.6 66.1 99.1
182 1.9 2.0 3.0#





#58

Fluorene

Concen: 58.325 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

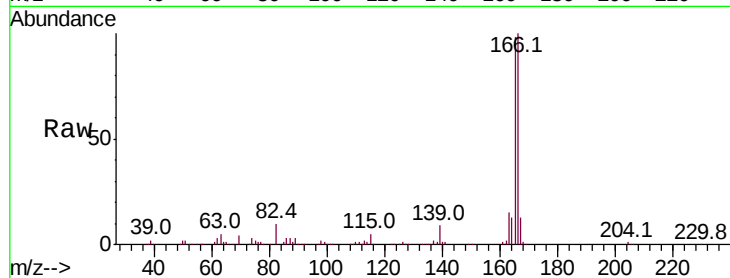
Tot Ion:166 Resp: 315168

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

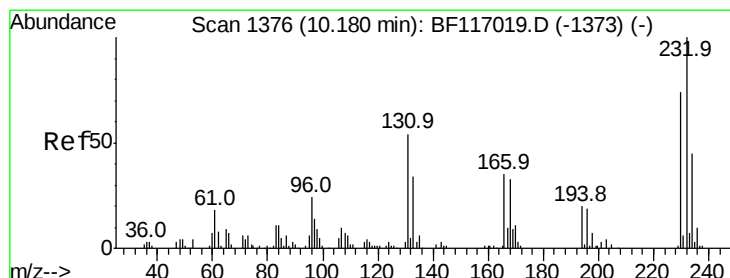
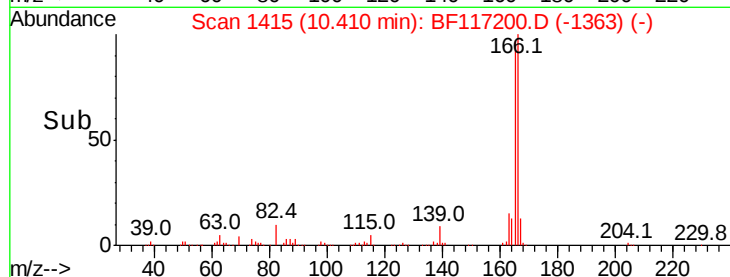
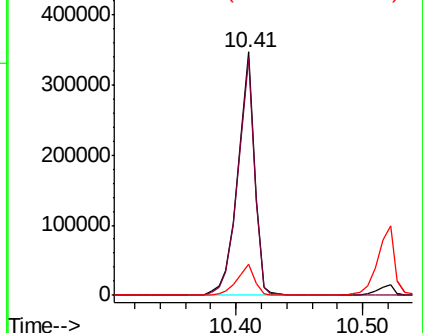
167 12.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 57.732 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:232 Resp: 68411

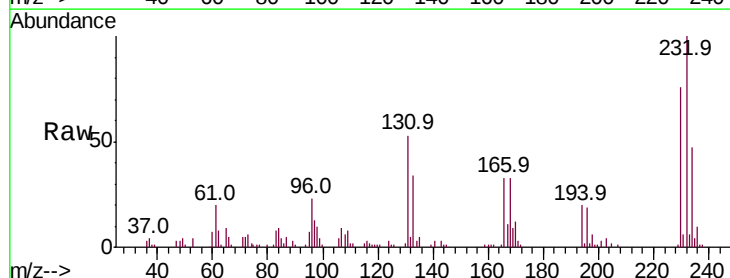
Ion Ratio Lower Upper

232 100

131 55.1 45.3 67.9

130 2.6 1.8 2.8

166 34.5 29.4 44.2

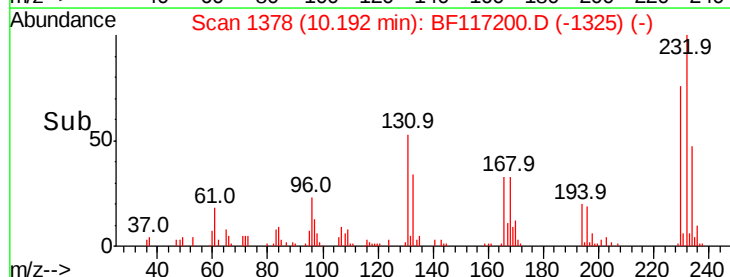
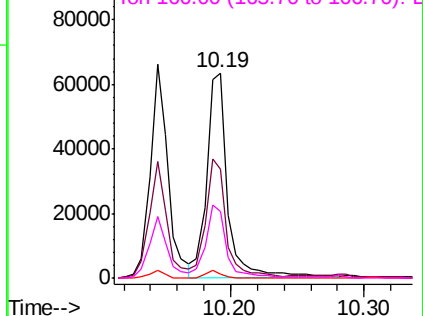


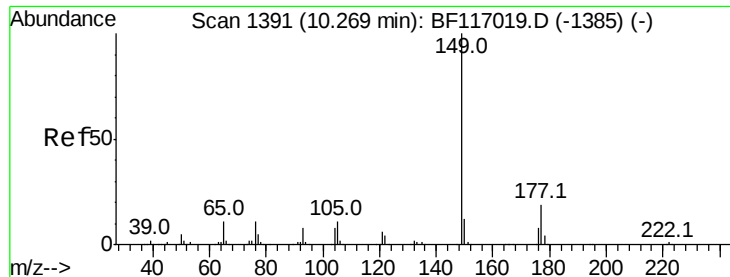
Abundance Ion 232.00 (231.70 to 232.70): E

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

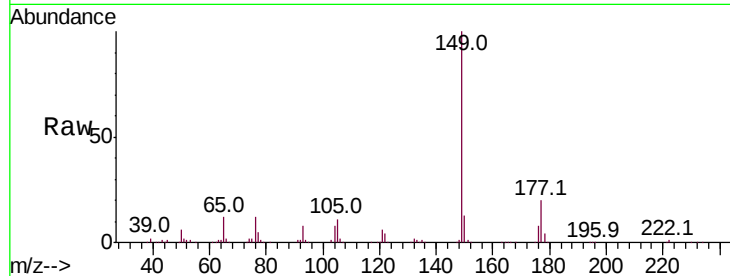




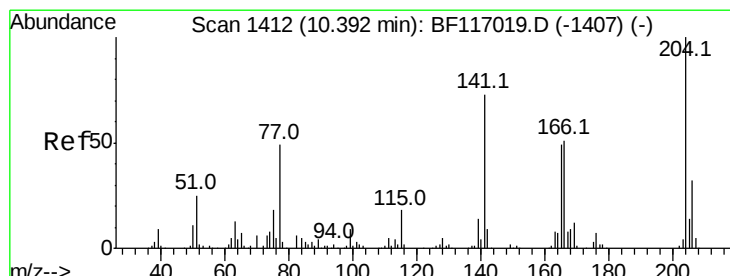
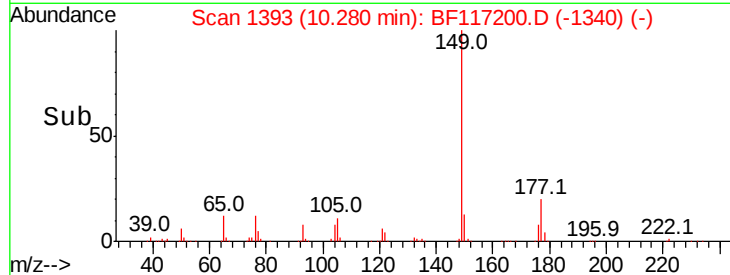
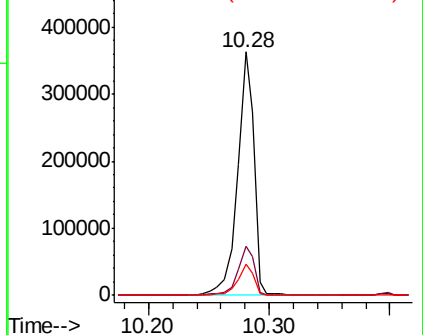
#60
Diethylphthalate
Concen: 59.710 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.2	22.8
150	12.7	9.9	14.9

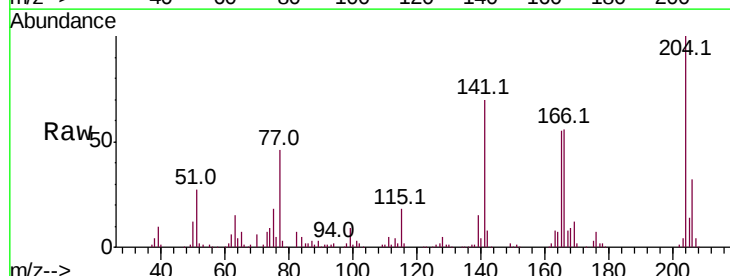


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

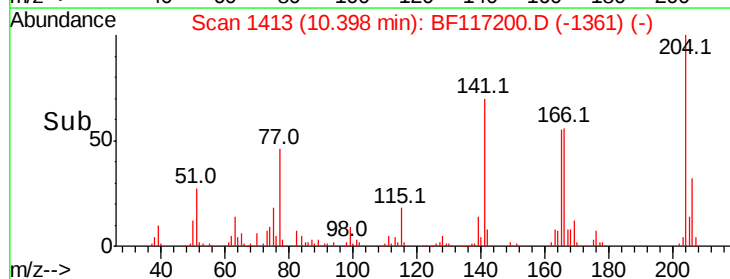
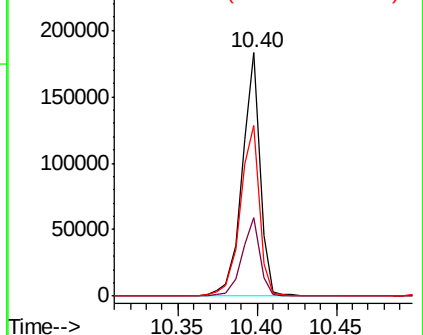


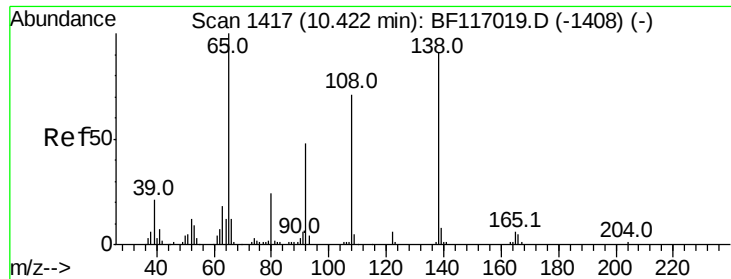
#61
4-Chlorophenyl-phenylether
Concen: 61.313 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	70.2	58.2	87.2



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





#62

4-Nitroaniline

Concen: 39.244 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

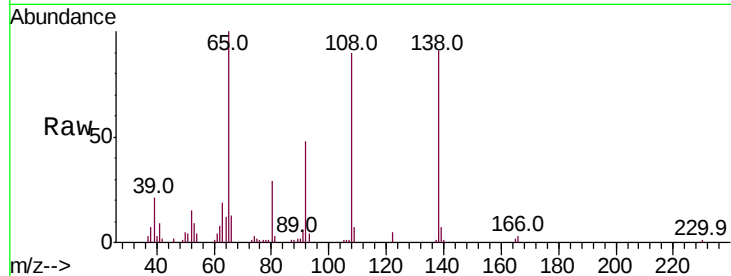
Tot Ion:138 Resp: 61413

Ion Ratio Lower Upper

138 100

92 52.6 32.9 72.9

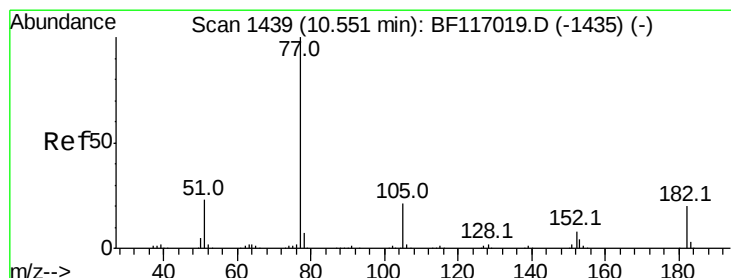
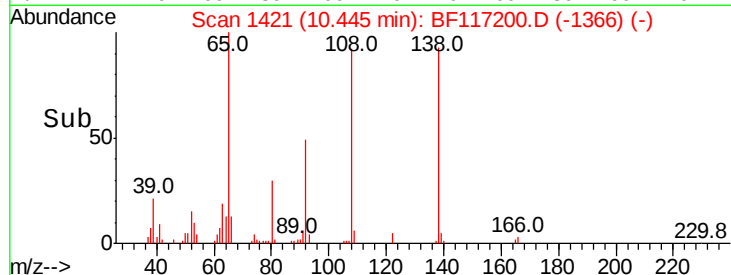
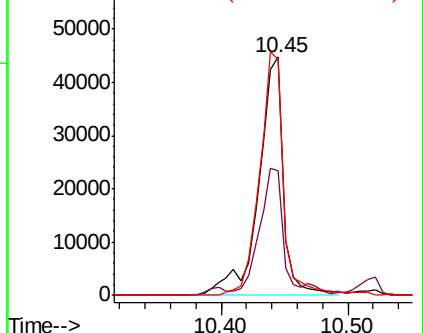
108 98.9 58.3 98.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 58.440 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion: 77 Resp: 343868

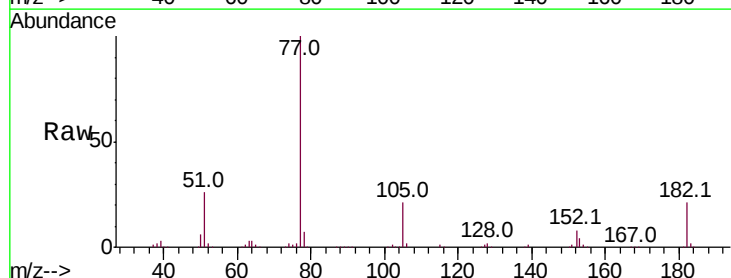
Ion Ratio Lower Upper

77 100

182 20.8 0.4 40.4

105 20.6 0.9 40.9

51 26.2 2.8 42.8

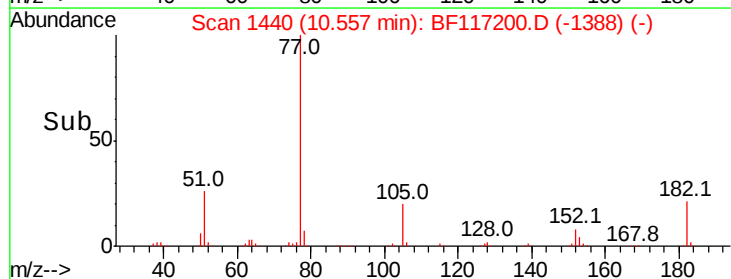
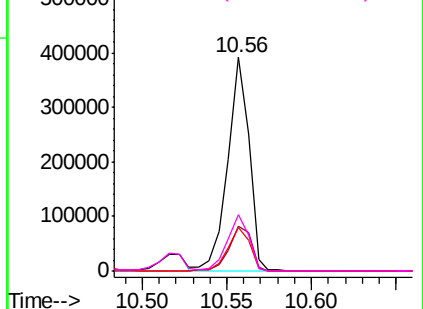


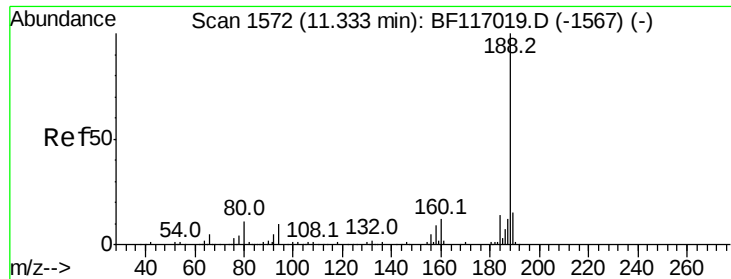
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

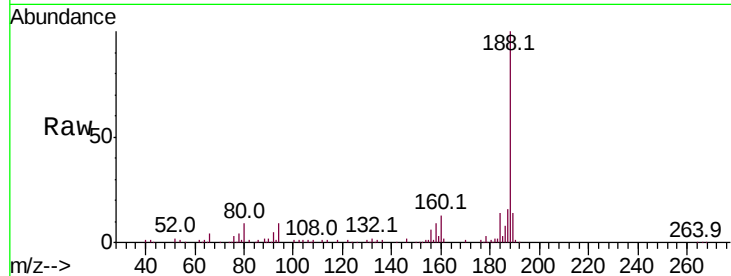
Tot Ion:188 Resp: 132074

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

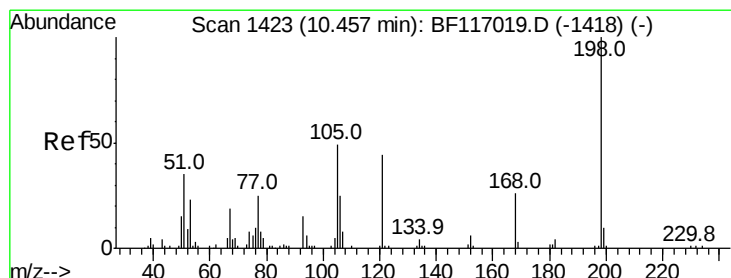
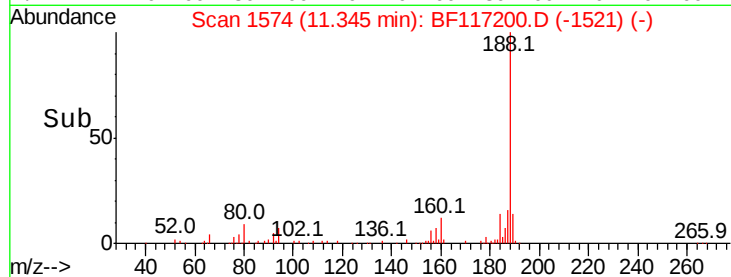
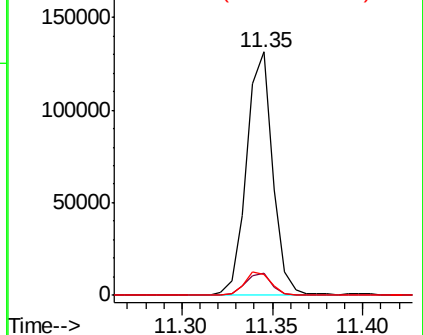
80 8.8 9.0 13.6#



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: 65.455 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.02 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

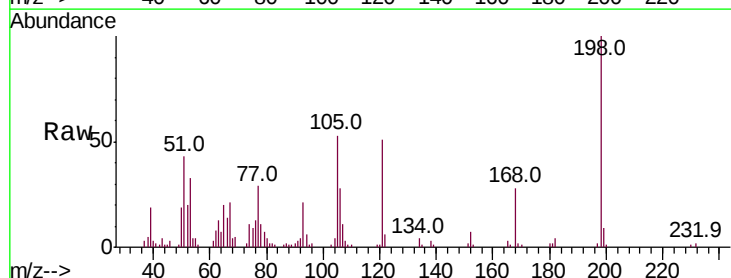
Tgt Ion:198 Resp: 41154

Ion Ratio Lower Upper

198 100

51 42.5 18.7 58.7

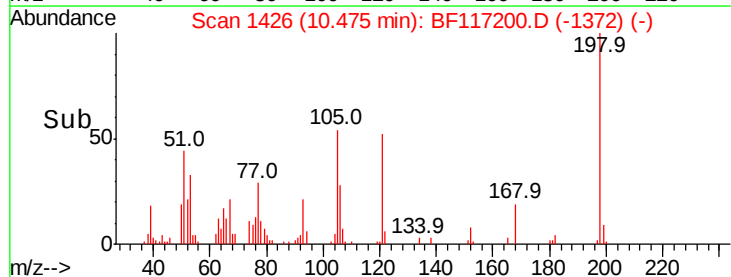
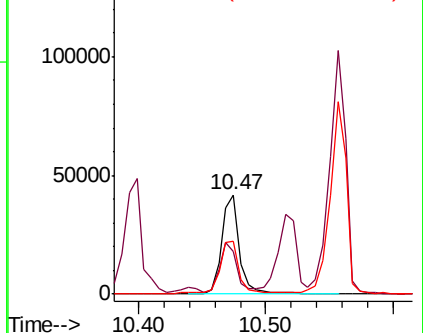
105 52.9 30.2 70.2

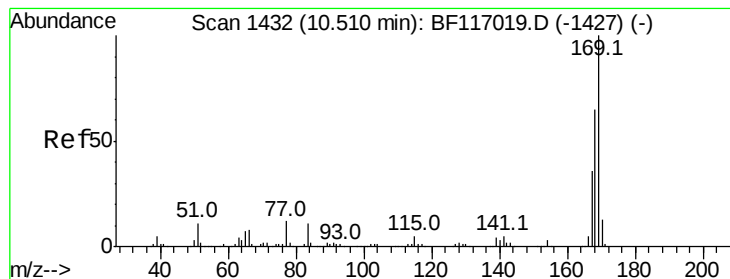


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

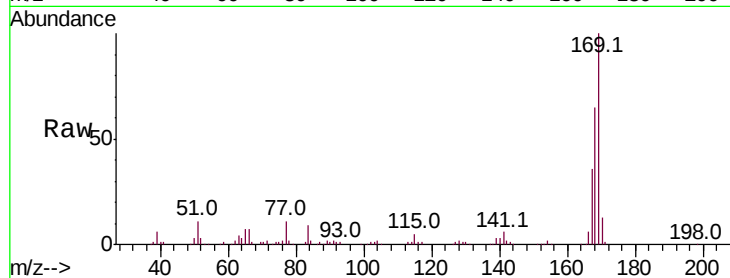




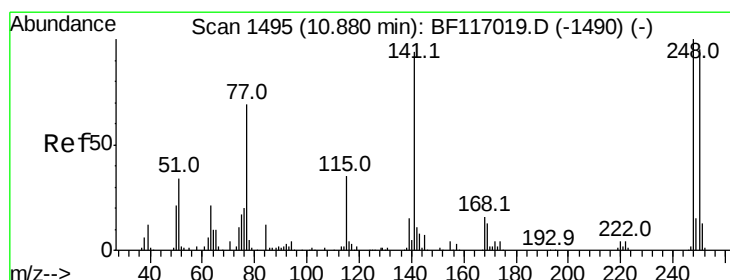
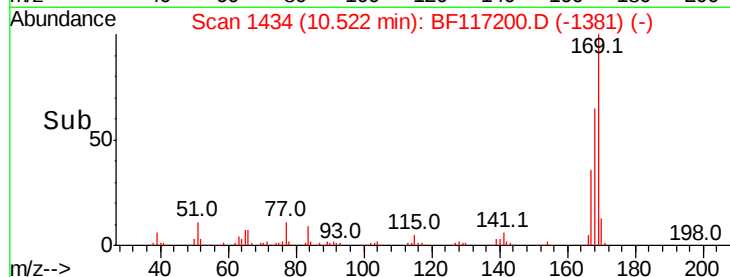
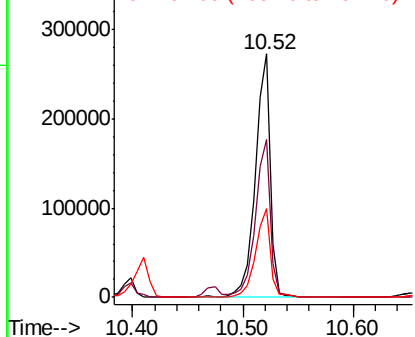
#66
 n-Nitrosodiphenylamine
 Concen: 56.929 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.2	78.2
167	36.3	28.8	43.2

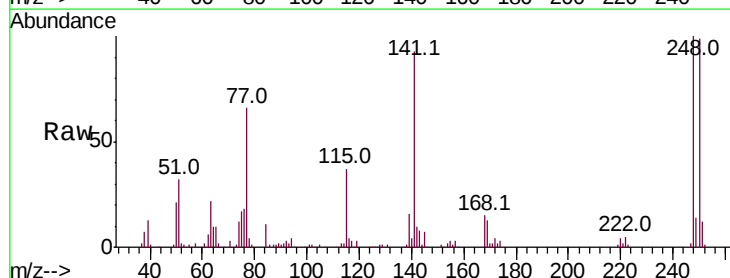


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

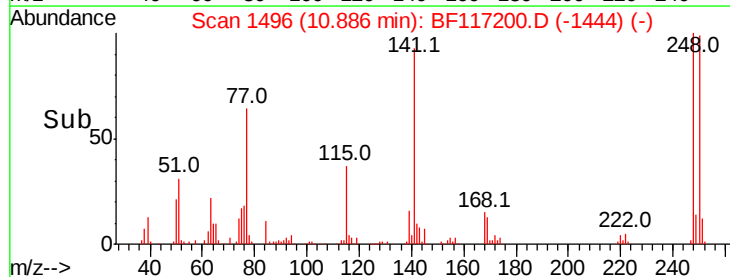
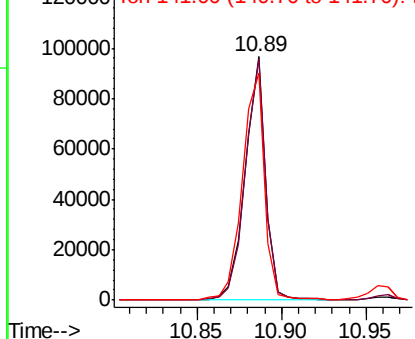


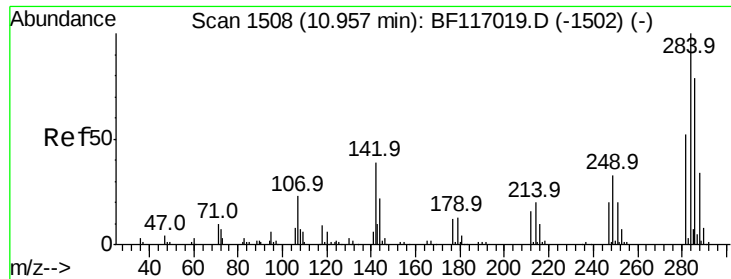
#67
 4-Bromophenyl-phenylether
 Concen: 60.676 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.2	114.4
141	93.2	75.0	112.4



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





#68

Hexachlorobenzene

Concen: 57.764 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

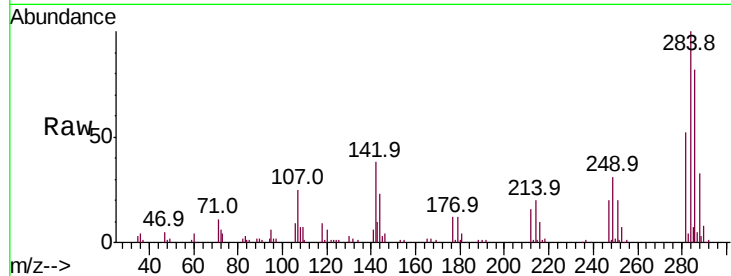
Tot Ion:284 Resp: 85217

Ion Ratio Lower Upper

284 100

142 37.9 31.4 47.2

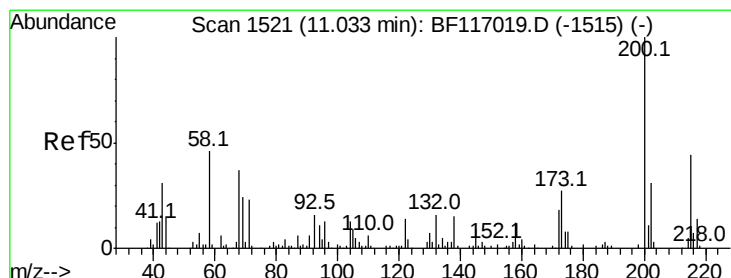
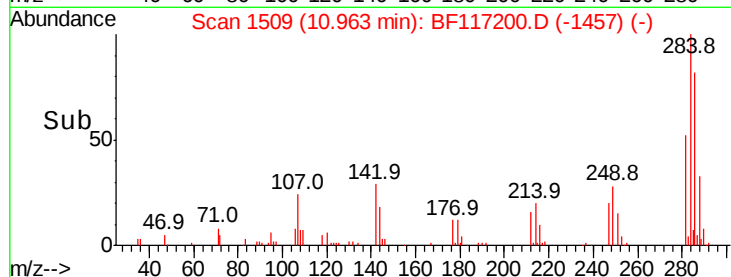
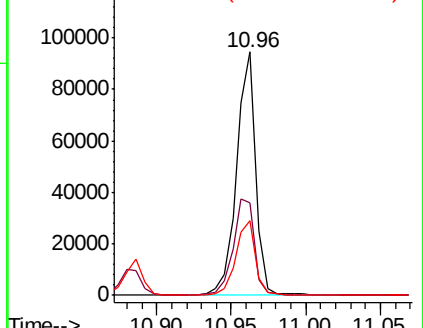
249 30.7 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 55.901 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

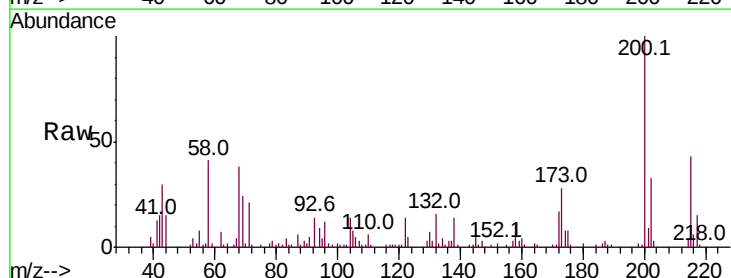
Tgt Ion:200 Resp: 59434

Ion Ratio Lower Upper

200 100

173 27.9 6.9 46.9

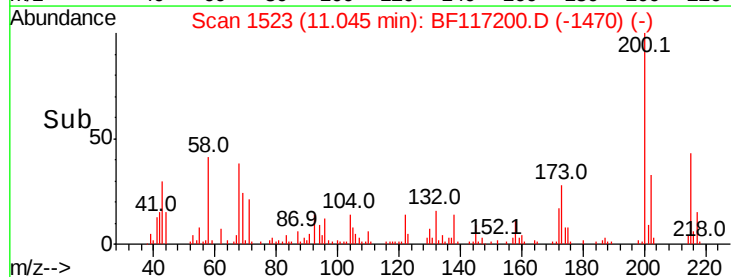
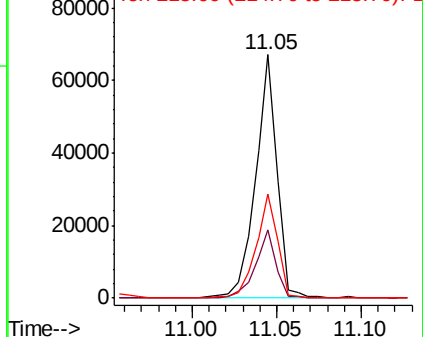
215 42.5 23.8 63.8

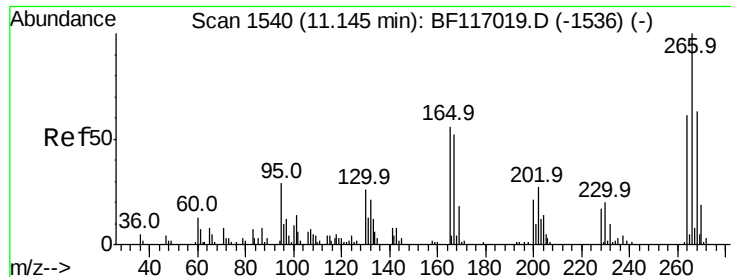


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

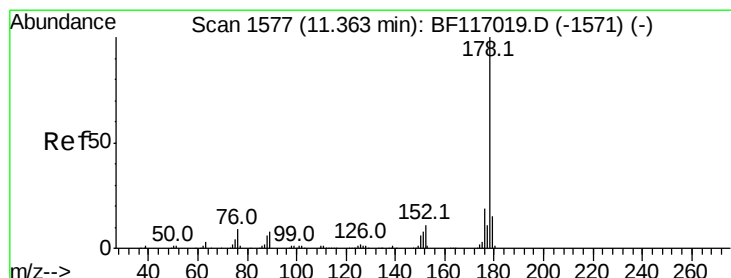
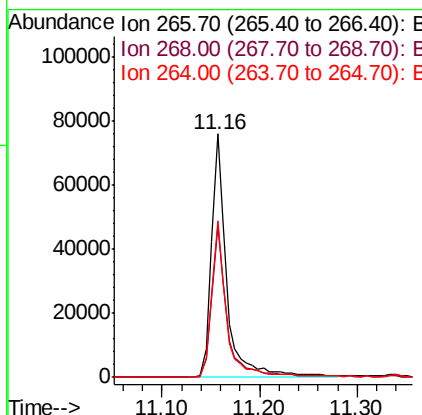
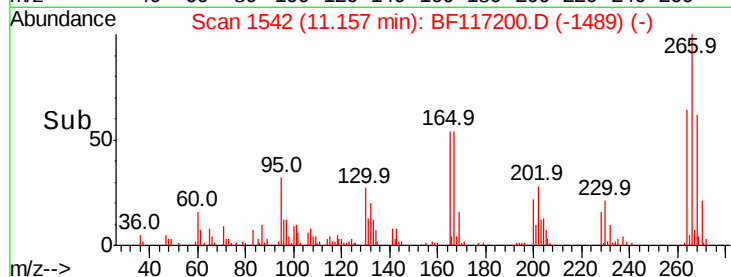
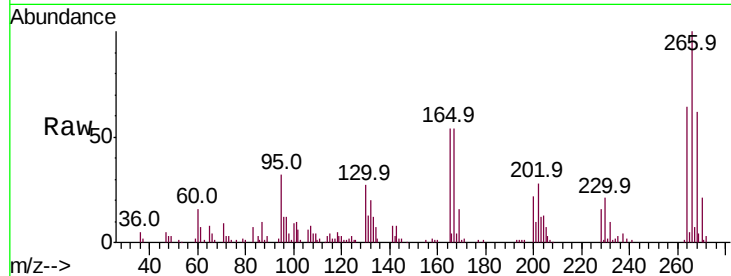




#70
 Pentachlorophenol
 Concen: 120.442 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

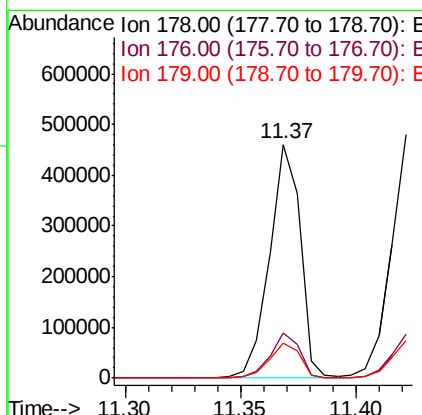
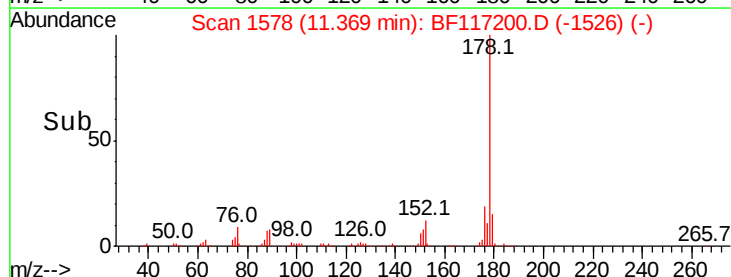
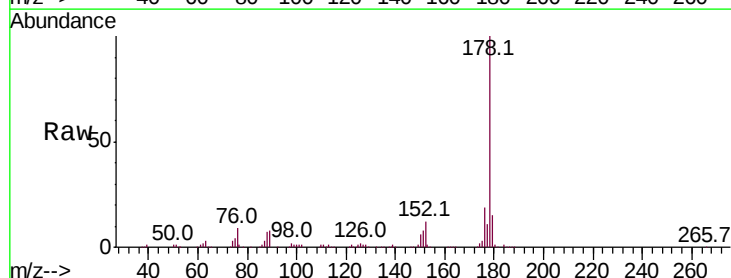
Instrument :
 BNA_F
 ClientSampled :

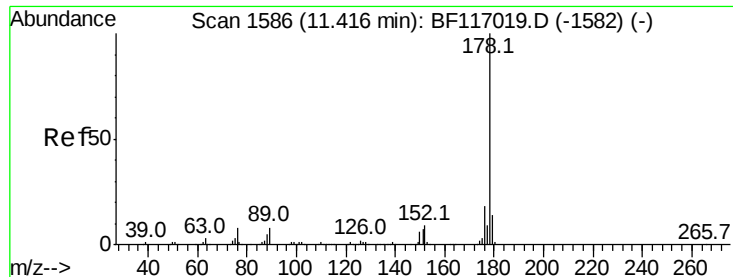
Tot Ion:266 Resp: 83288
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.5 75.7
 264 64.1 48.8 73.2



#71
 Phenanthrene
 Concen: 56.889 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:178 Resp: 426768
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 14.7 12.4 18.6





#72

Anthracene

Concen: 57.112 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

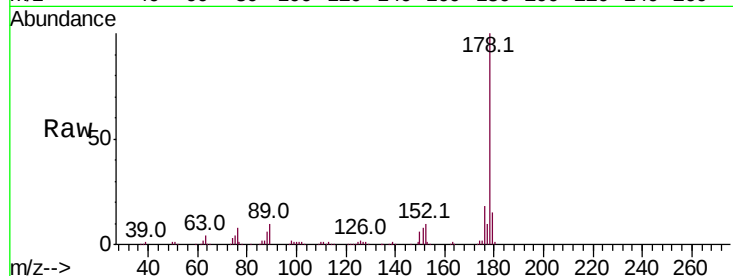
Tot Ion:178 Resp: 437406

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

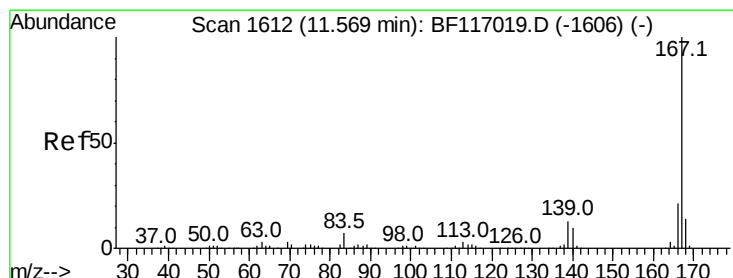
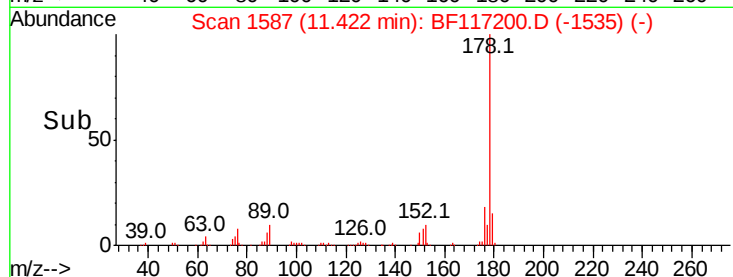
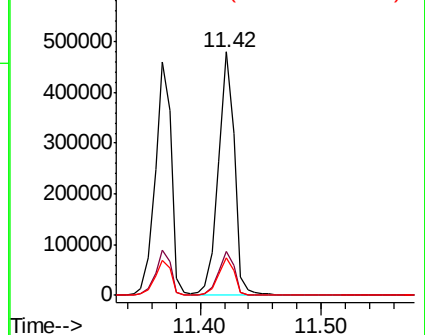
179 15.4 11.6 17.4



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: 50.591 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

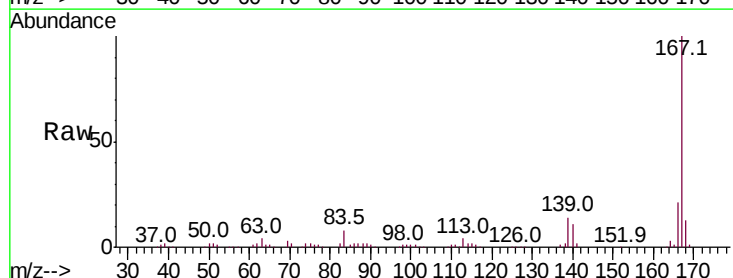
Tgt Ion:167 Resp: 367779

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

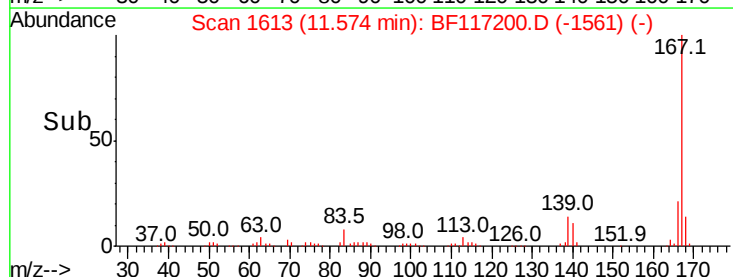
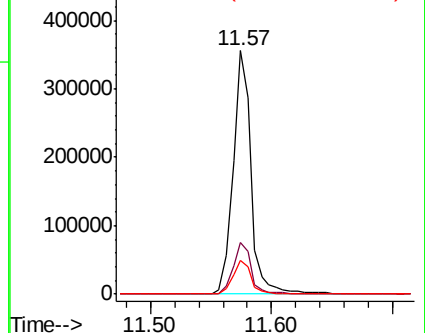
139 14.1 10.6 16.0

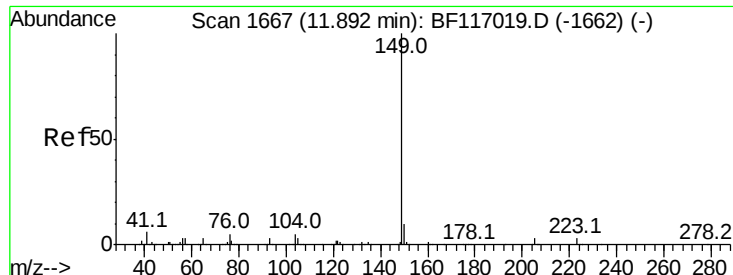


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 64.397 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

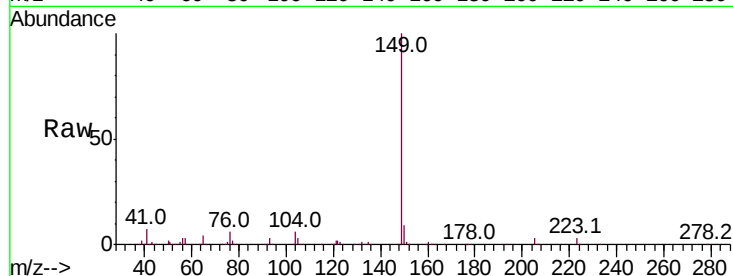
Tot Ion:149 Resp: 556989

Ion Ratio Lower Upper

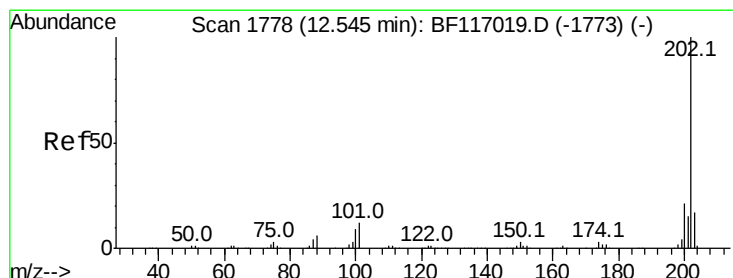
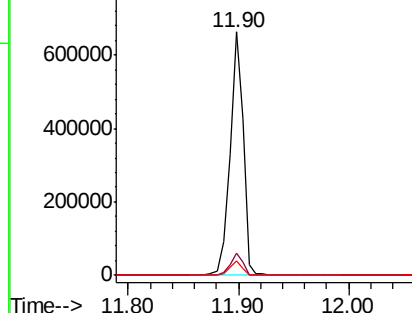
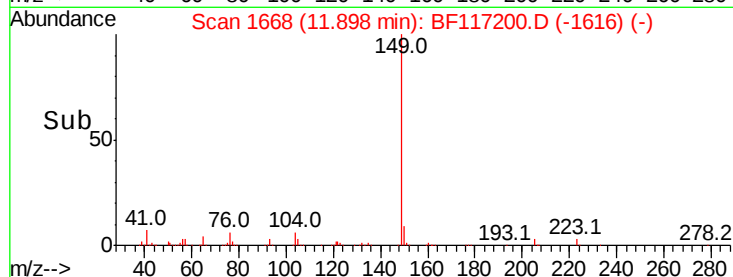
149 100

150 9.2 7.7 11.5

104 5.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 53.691 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

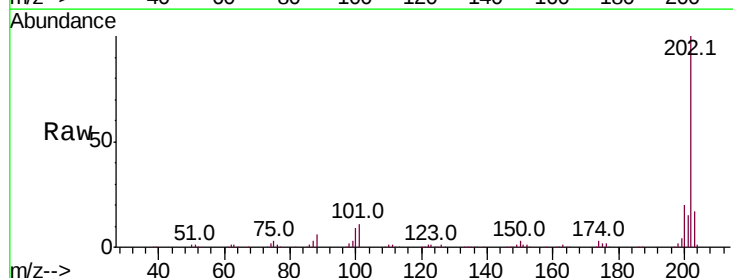
Tgt Ion:202 Resp: 413855

Ion Ratio Lower Upper

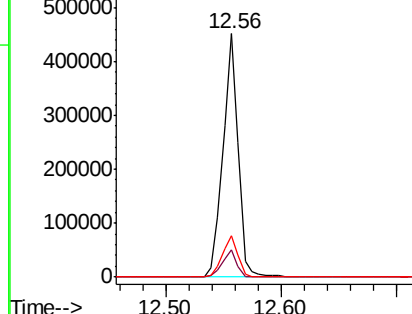
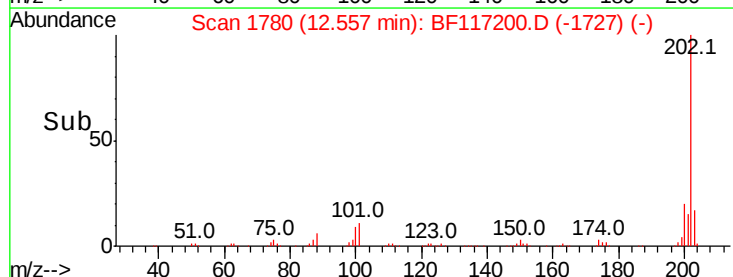
202 100

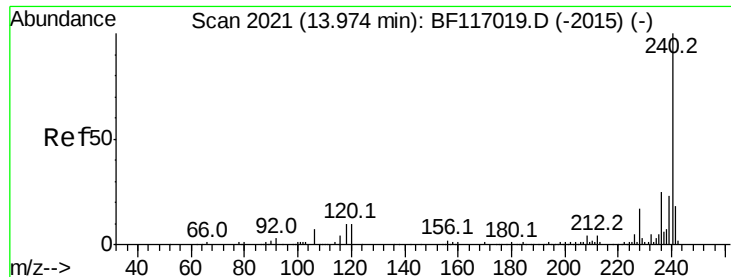
101 11.0 0.0 32.3

203 17.2 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

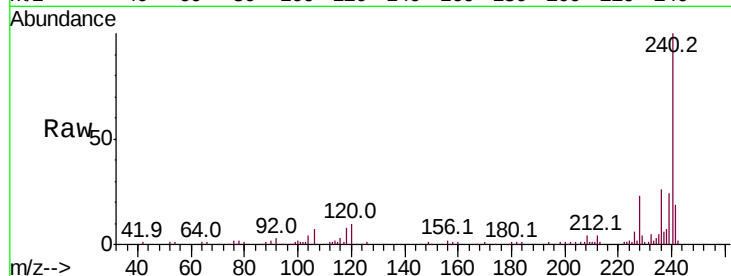




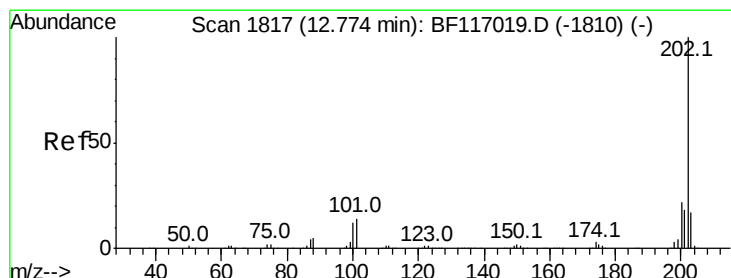
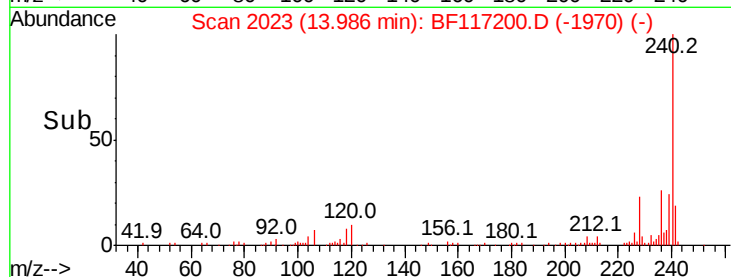
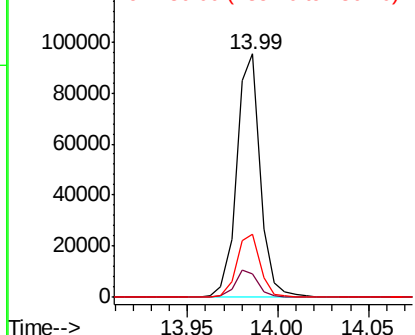
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 86318
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.1 20.3 30.5

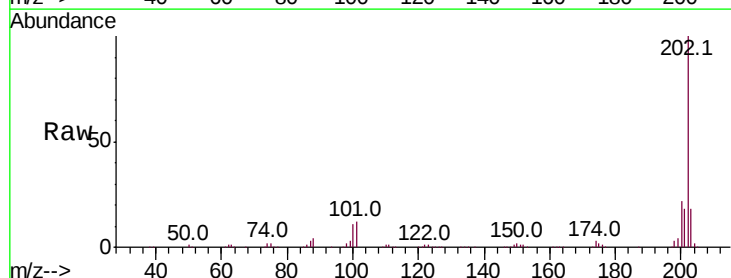


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

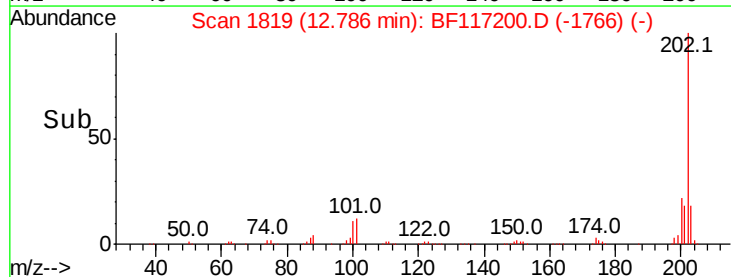
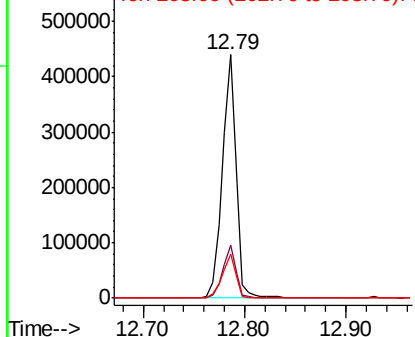


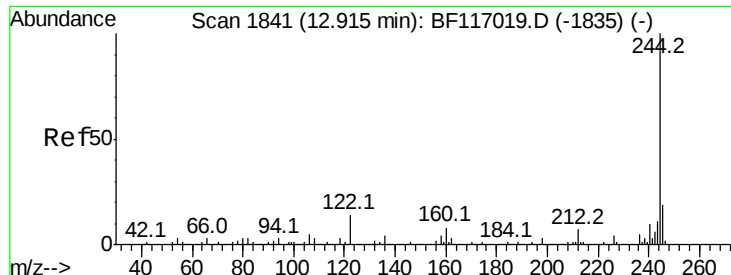
#78
Pyrene
Concen: 56.977 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:202 Resp: 412670
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 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

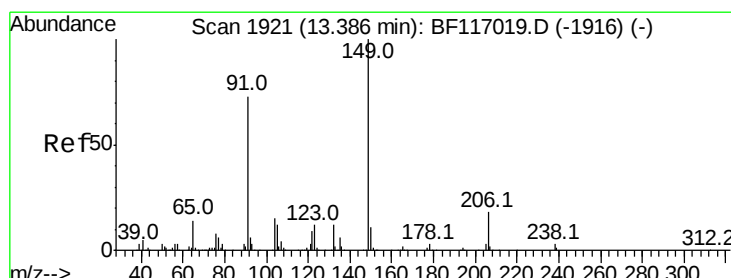
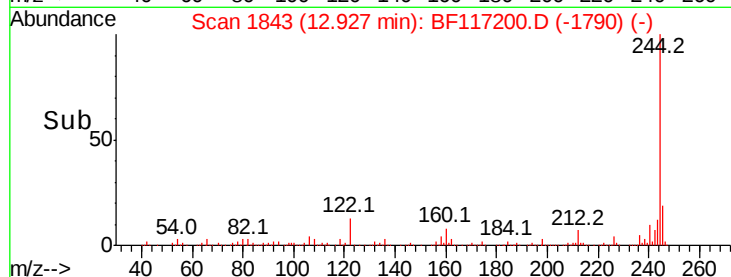
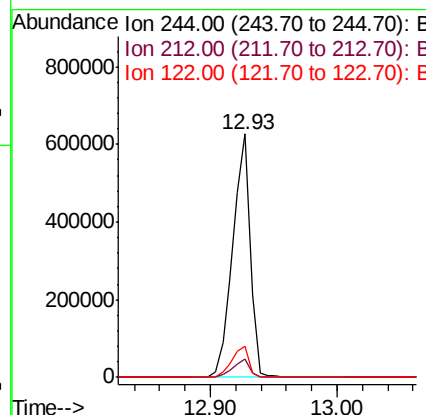
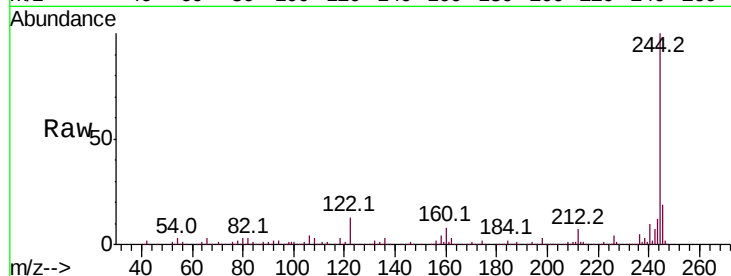




#79
 Terphenyl-d14
 Concen: 129.512 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

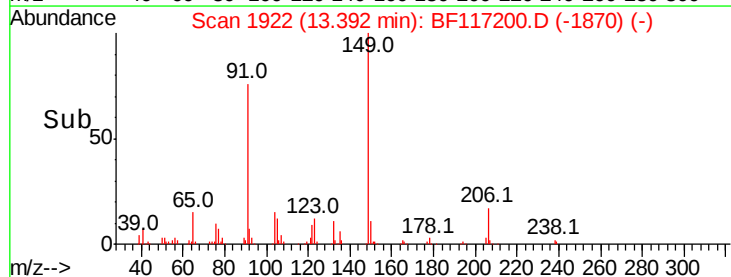
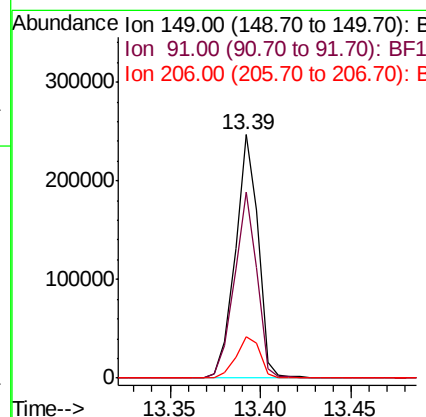
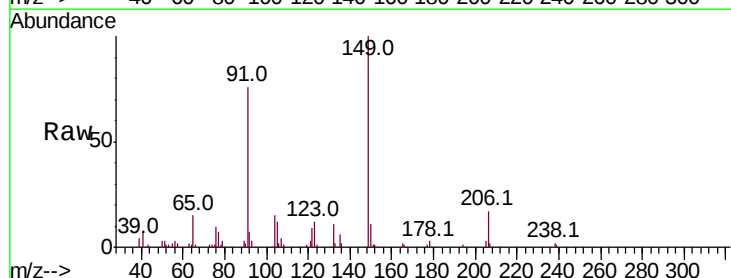
Instrument :
 BNA_F
 ClientSampleId :

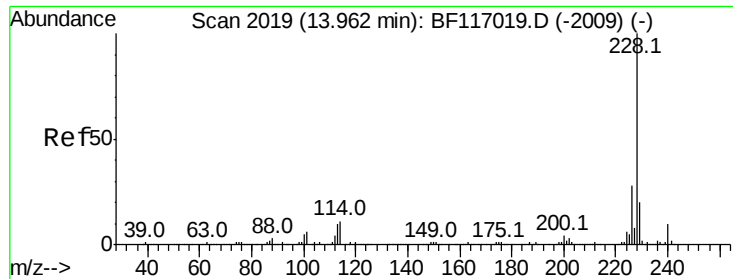
Tot Ion:244 Resp: 598070
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.0 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 63.254 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117200.D
 Acq: 20 Sep 2019 21:50

Tgt Ion:149 Resp: 216474
 Ion Ratio Lower Upper
 149 100
 91 76.2 58.8 88.2
 206 17.0 14.1 21.1

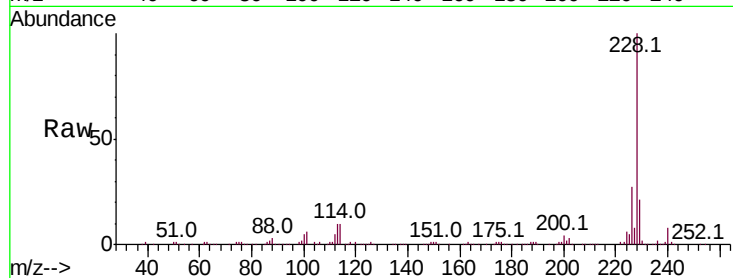




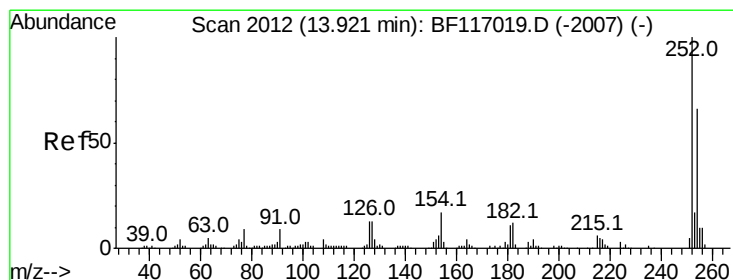
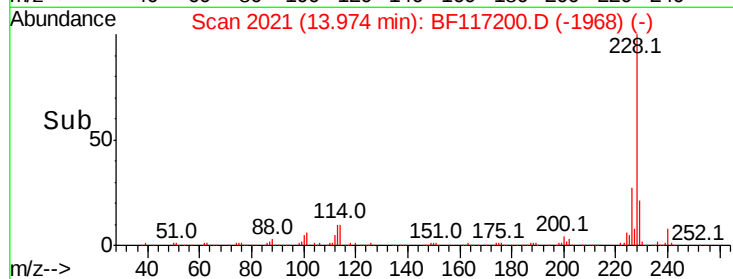
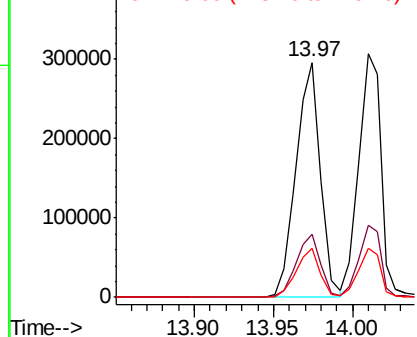
#81
Benzo(a)anthracene
Concen: 54.690 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 315398
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 20.7 15.9 23.9

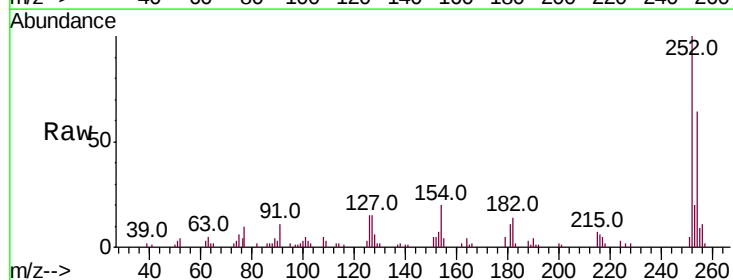


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

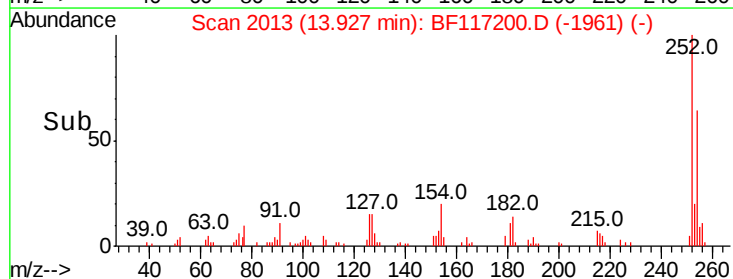
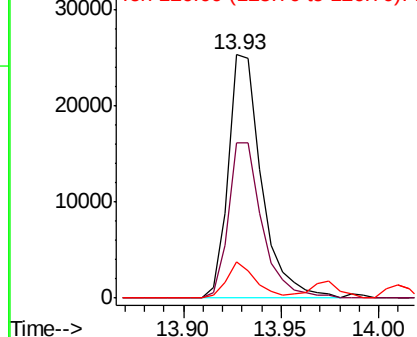


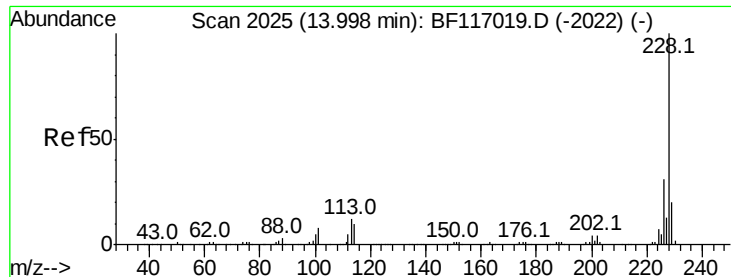
#82
3,3'-Dichlorobenzidine
Concen: 16.162 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:252 Resp: 30036
Ion Ratio Lower Upper
252 100
254 64.0 52.6 79.0
126 14.8 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: 54.092 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

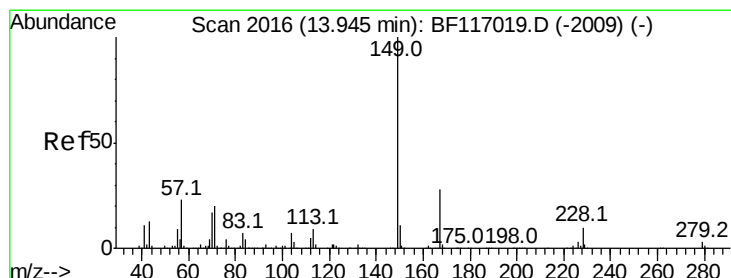
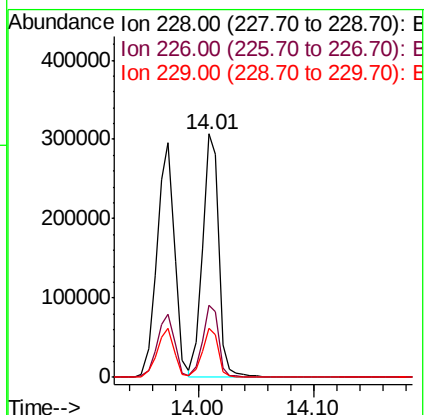
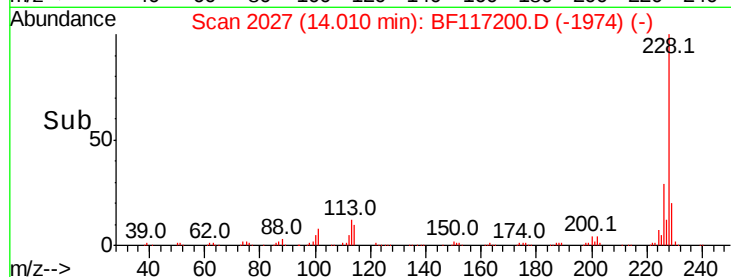
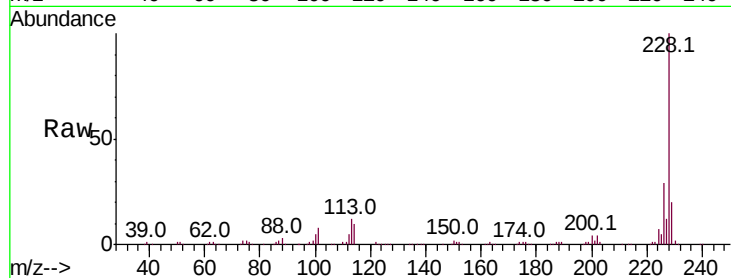
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 304249

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	20.0	15.8	23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.803 ng

RT: 13.95 min Scan# 2017

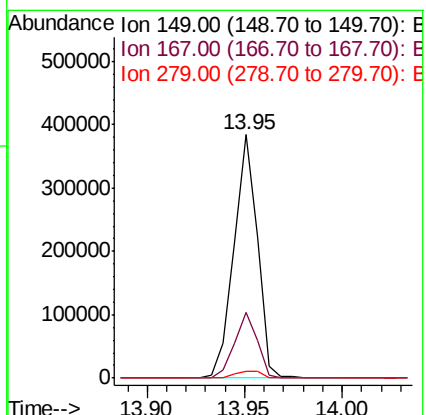
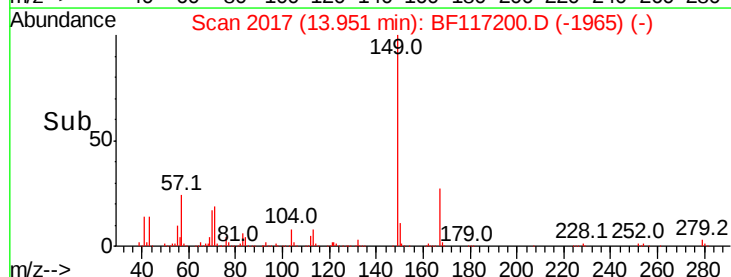
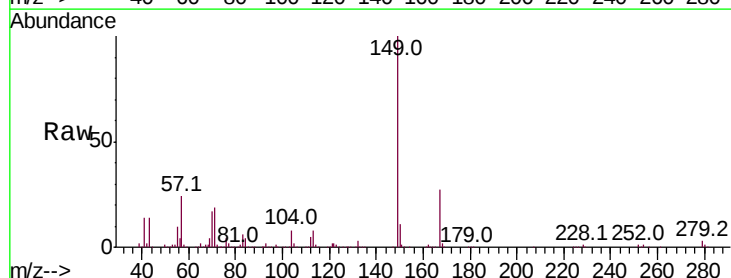
Delta R.T. 0.01 min

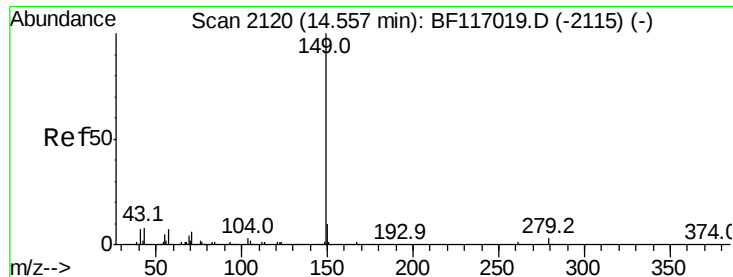
Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Tgt Ion:149 Resp: 321250

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.0	2.8	4.2

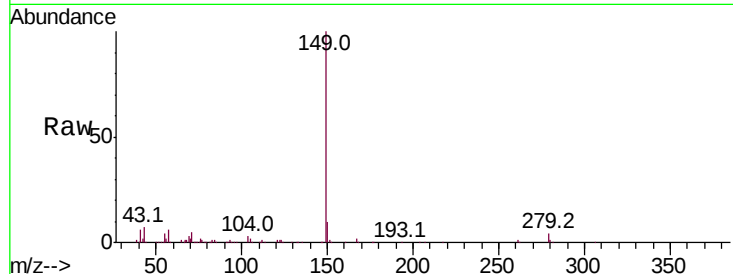




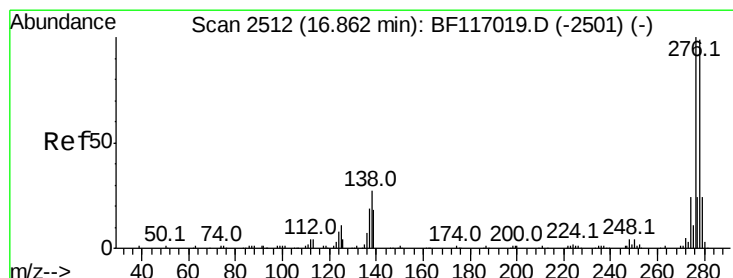
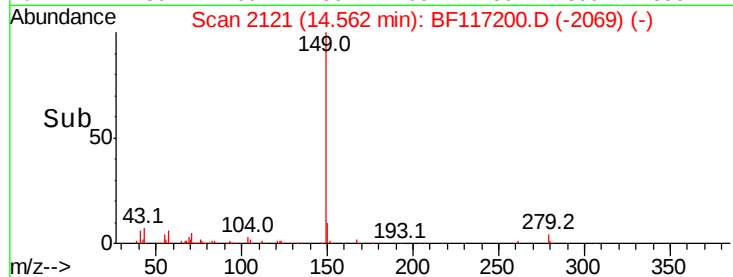
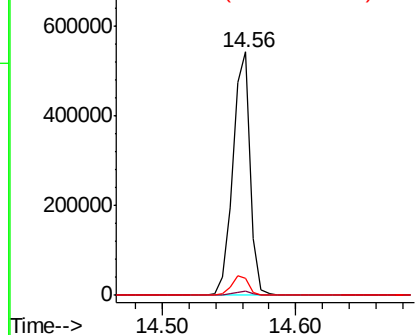
#85
Di-n-octyl phthalate
Concen: 71.254 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampleId :

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

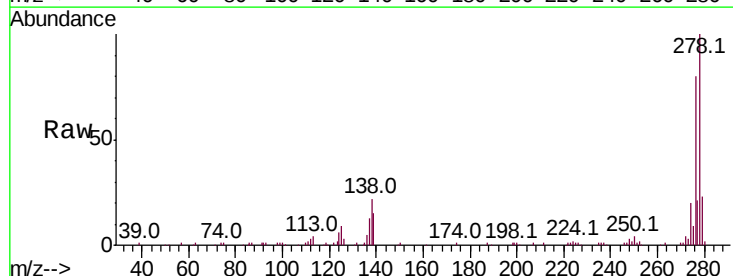


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

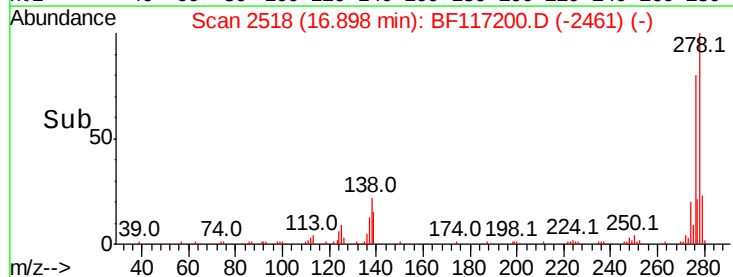
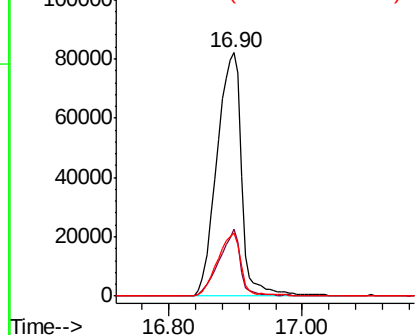


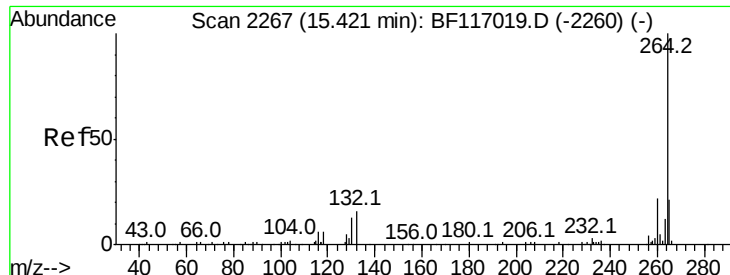
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.269 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.04 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.7	31.1
277	24.7	19.8	29.8



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

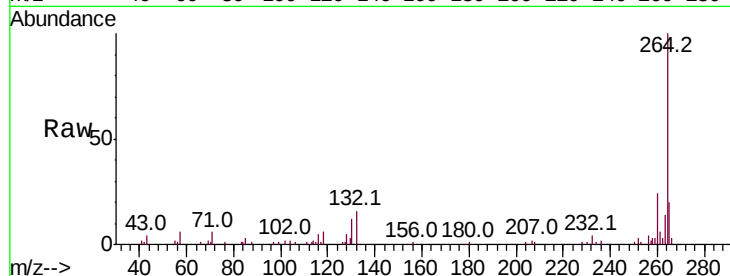




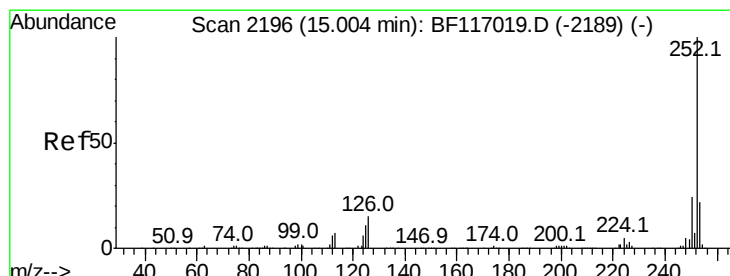
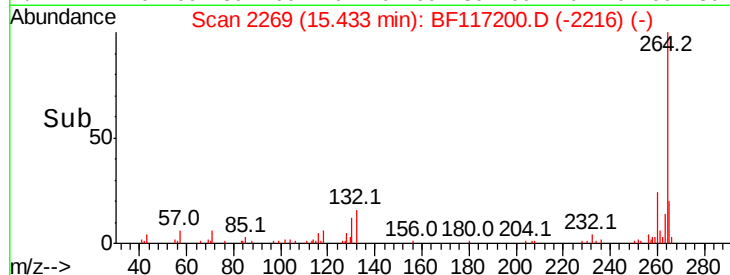
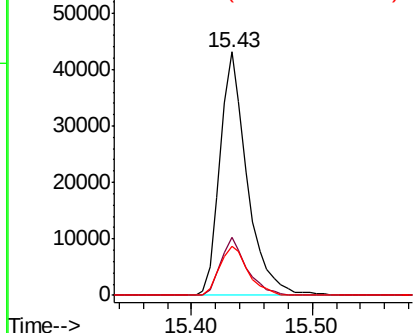
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 67330
Ion Ratio Lower Upper
264 100
260 23.7 17.6 26.4
265 20.4 16.6 24.8

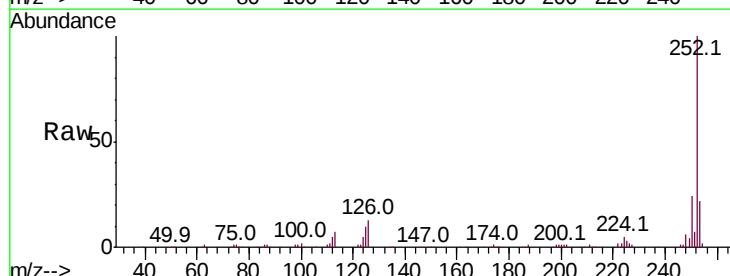


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

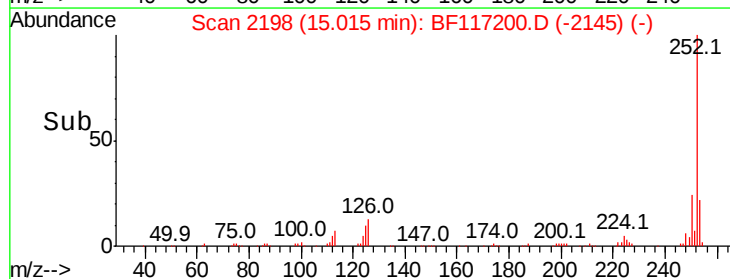
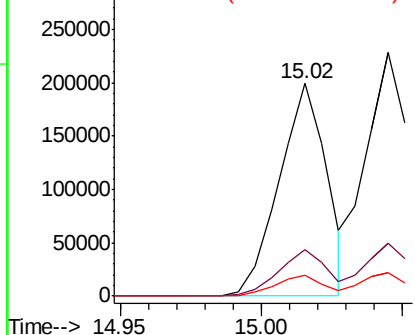


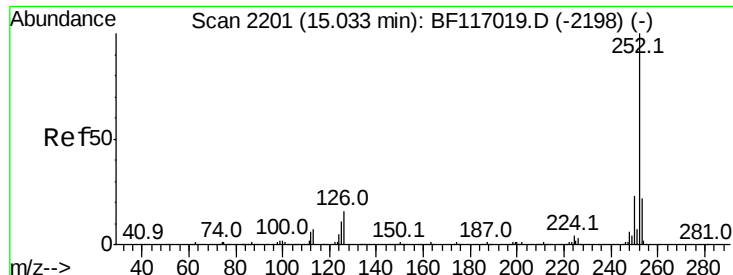
#88
Benzo(b)fluoranthene
Concen: 57.213 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:252 Resp: 233339
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

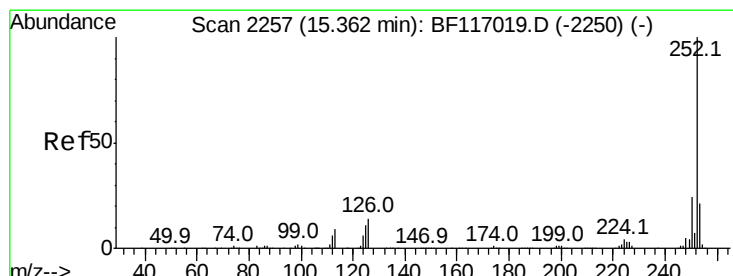
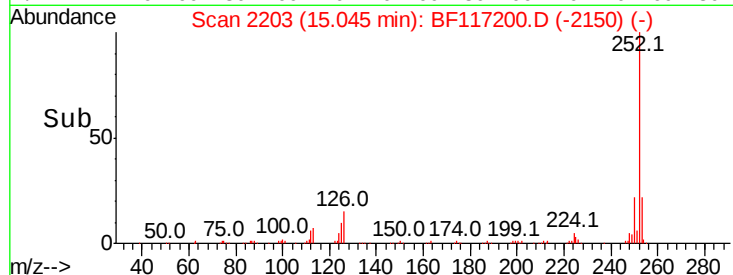
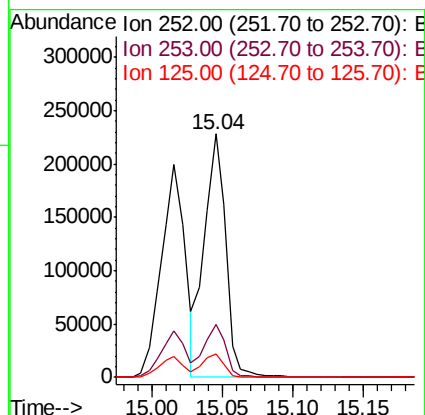
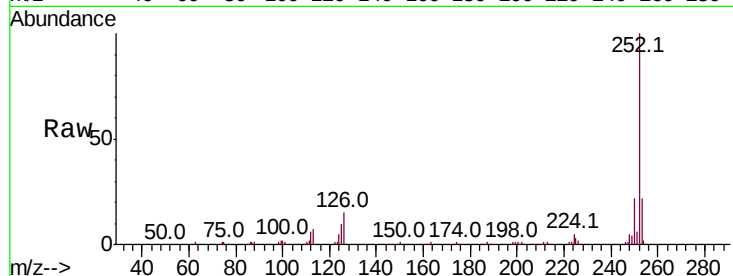




#89
Benzo(k)fluoranthene
Concen: 62.459 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

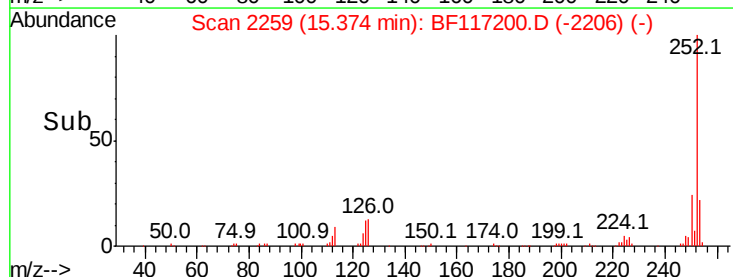
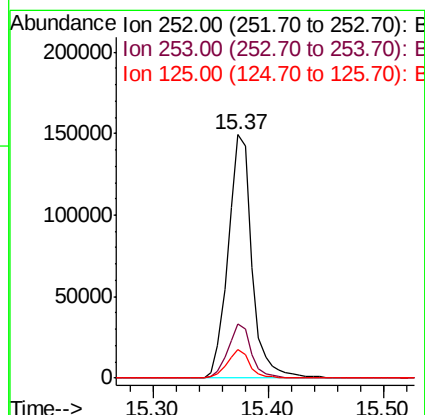
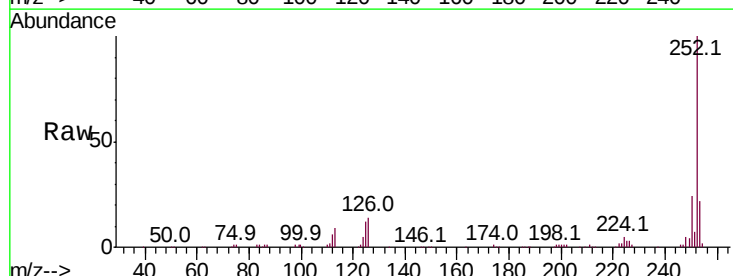
Instrument :
BNA_F
ClientSampleId :

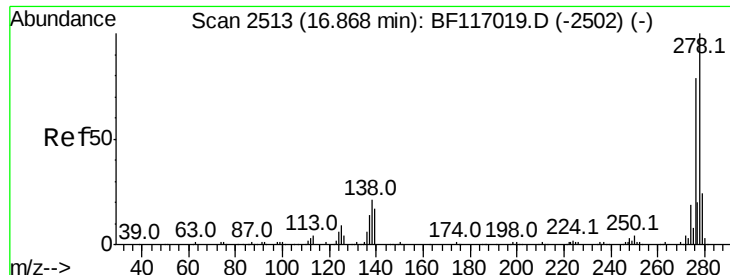
Tot Ion:252 Resp: 241304
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.8 8.8 13.2



#90
Benzo(a)pyrene
Concen: 59.502 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117200.D
Acq: 20 Sep 2019 21:50

Tgt Ion:252 Resp: 212952
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 11.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 64.140 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

Instrument :

BNA_F

ClientSampleId :

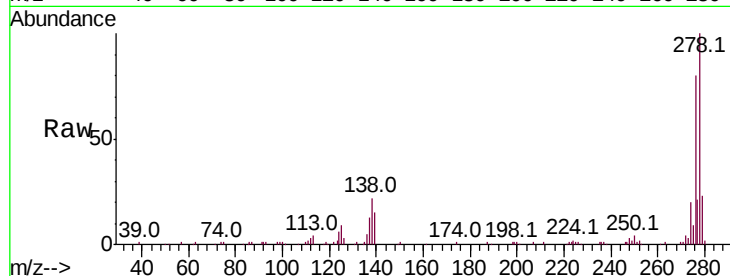
Tot Ion:278 Resp: 182867

Ion Ratio Lower Upper

278 100

139 14.6 13.5 20.3

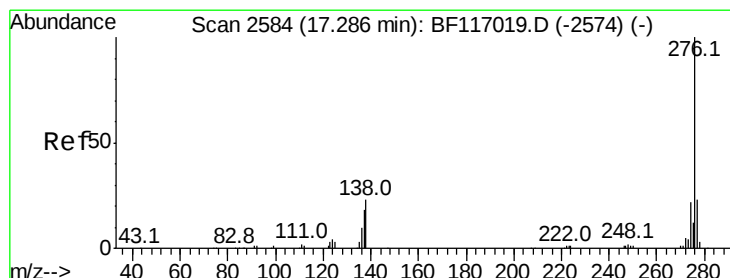
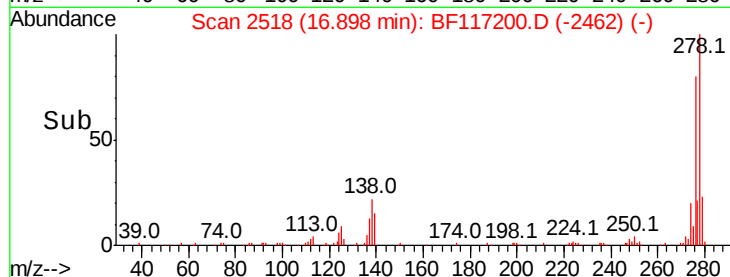
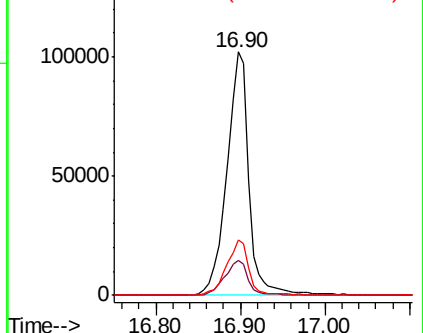
279 23.0 18.8 28.2



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: 57.860 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF117200.D

Acq: 20 Sep 2019 21:50

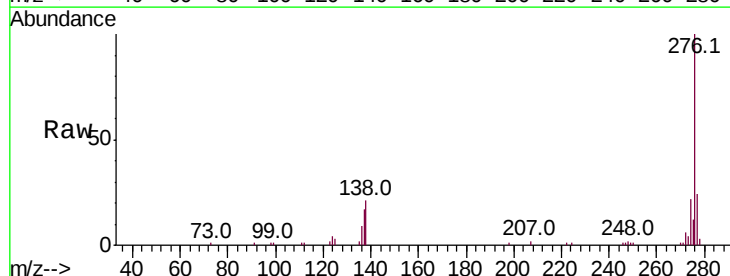
Tgt Ion:276 Resp: 164383

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 20.8 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

