

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118145.D
 Acq On : 9 Dec 2019 15:27
 Operator : JU
 Sample : PB125313BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 00:53:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	208220	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	938933	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	497588	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	898577	20.00	ng	0.00
76) Chrysene-d12	14.07	240	587996	20.00	ng	0.00
87) Perylene-d12	15.56	264	353921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1340058	112.72	ng	0.02
7) Phenol-d6	6.52	99	1661315	115.54	ng	0.02
23) Nitrobenzene-d5	7.44	82	864702	51.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	604074	99.93	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1769527	54.11	ng	0.00
79) Terphenyl-d14	13.00	244	1938546	56.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	123268	24.591	ng	99
3) Pyridine	3.51	79	288939	22.342	ng	99
4) n-Nitrosodimethylamine	3.45	42	195414	35.124	ng	99
6) Aniline	6.54	93	458436	24.924	ng	100
8) 2-Chlorophenol	6.66	128	561295	41.872	ng	97
9) Benzaldehyde	6.42	77	67573	4.306	ng	98
10) Phenol	6.53	94	641653	39.129	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	489184	41.246	ng	97
12) 1,3-Dichlorobenzene	6.81	146	525193	33.538	ng	98
13) 1,4-Dichlorobenzene	6.89	146	544444	34.527	ng	99
14) 1,2-Dichlorobenzene	7.05	146	531829	35.914	ng	99
15) Benzyl Alcohol	7.02	79	477565	42.547	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	553330	38.802	ng	94
17) 2-Methylphenol	7.13	107	455056	42.681	ng	95
18) Hexachloroethane	7.38	117	199268	34.296	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	362162	41.448	ng	99
20) 3+4-Methylphenols	7.29	107	556790	41.576	ng	# 89
22) Acetophenone	7.29	105	753647	33.410	ng	98
24) Nitrobenzene	7.46	77	556818	33.957	ng	98
25) Isophorone	7.70	82	1017571	35.966	ng	98
26) 2-Nitrophenol	7.77	139	317442	36.220	ng	96
27) 2,4-Dimethylphenol	7.82	122	501681	42.913	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	621630	33.624	ng	99
29) 2,4-Dichlorophenol	8.02	162	478609	35.118	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	508601	31.933	ng	98
31) Naphthalene	8.18	128	1600587	33.943	ng	99
32) Benzoic acid	7.97	122	391009	37.043	ng	96
33) 4-Chloroaniline	8.23	127	423221	20.786	ng	100
34) Hexachlorobutadiene	8.29	225	296515	31.046	ng	98
35) Caprolactam	8.62	113	80288	19.103	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	511502	35.664	ng	99
37) 2-Methylnaphthalene	8.87	142	1111396	34.813	ng	99
38) 1-Methylnaphthalene	8.97	142	1033698	34.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	491540	32.609	ng	99

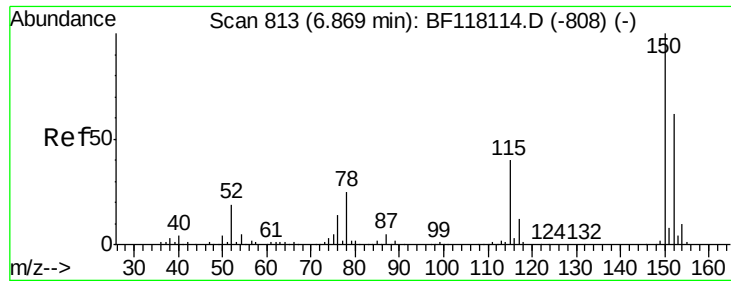
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	331409	49.070	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	353695	35.143	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	372365	35.711	ng	99
46) 1,1'-Biphenyl	9.34	154	1337770	34.088	ng	98
47) 2-Chloronaphthalene	9.37	162	1035602	32.805	ng	97
48) 2-Nitroaniline	9.46	65	296588	32.945	ng	97
49) Acenaphthylene	9.79	152	1587138	34.087	ng	99
50) Dimethylphthalate	9.65	163	1263256	34.371	ng	99
51) 2,6-Dinitrotoluene	9.71	165	279249	34.941	ng	99
52) Acenaphthene	9.96	154	939002	33.041	ng	98
53) 3-Nitroaniline	9.88	138	225924	24.021	ng	99
54) 2,4-Dinitrophenol	9.99	184	300049	75.463	ng	97
55) Dibenzofuran	10.13	168	1415213	33.985	ng	99
56) 4-Nitrophenol	10.06	139	449406	68.852	ng	93
57) 2,4-Dinitrotoluene	10.12	165	370116	34.697	ng	95
58) Fluorene	10.47	166	1114111	33.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307921	35.794	ng	98
60) Diethylphthalate	10.35	149	1251736	34.567	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	558290	33.529	ng	97
62) 4-Nitroaniline	10.50	138	274763	28.010	ng	97
63) Azobenzene	10.63	77	1061048	34.324	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	196933	39.685	ng	89
66) n-Nitrosodiphenylamine	10.59	169	1003363	35.756	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	359040	35.003	ng	# 90
68) Hexachlorobenzene	11.03	284	407299	33.736	ng	# 91
69) Atrazine	11.12	200	295230	37.196	ng	97
70) Pentachlorophenol	11.22	266	437897	77.126	ng	99
71) Phenanthrene	11.44	178	1651297	34.570	ng	99
72) Anthracene	11.49	178	1652645	34.682	ng	98
73) Carbazole	11.65	167	1452148	33.965	ng	99
74) Di-n-butylphthalate	11.97	149	1891711	35.354	ng	99
75) Fluoranthene	12.63	202	1645939	33.702	ng	98
77) Benzidine	12.75	184	69754	4.506	ng	99
78) Pyrene	12.86	202	1623551	35.038	ng	100
80) Butylbenzylphthalate	13.47	149	745053	35.504	ng	99
81) Benzo(a)anthracene	14.06	228	1335291	32.842	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	389394	29.162	ng	100
83) Chrysene	14.10	228	1252981	32.262	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1019677	36.850	ng	100
85) Di-n-octyl phthalate	14.65	149	1505827	35.924	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1051218	32.169	ng	100
88) Benzo(b)fluoranthene	15.12	252	1109298	47.391	ng	97
89) Benzo(k)fluoranthene	15.15	252	1031543	45.874	ng	99
90) Benzo(a)pyrene	15.50	252	911308	44.082	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	899625	50.736	ng	100
92) Benzo(g,h,i)perylene	17.53	276	898641	52.741	ng	100

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

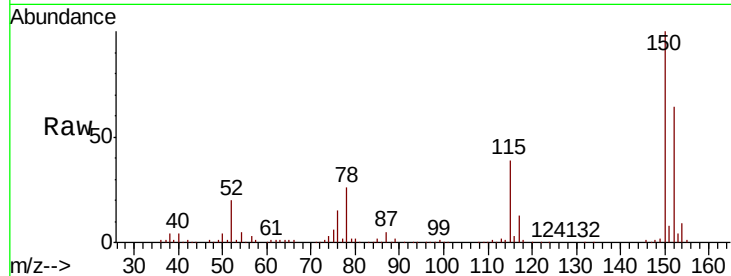


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.3	192.5
115	61.7	51.1	76.7

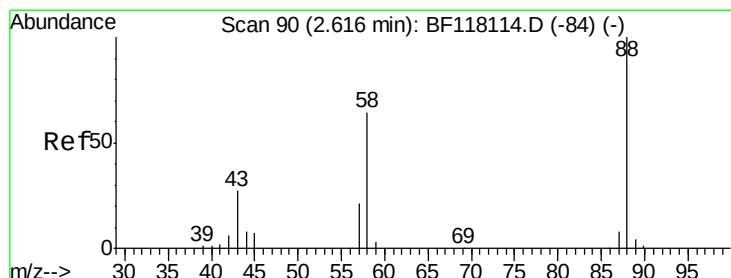
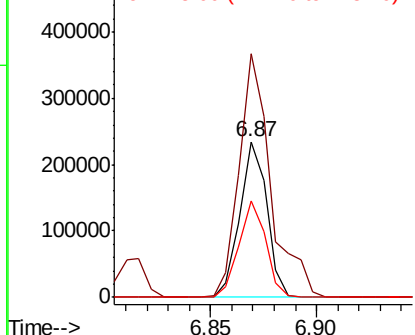
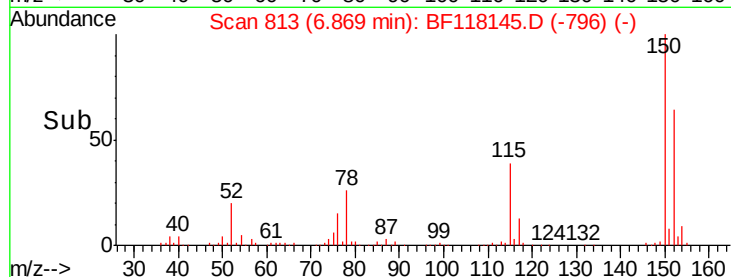


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

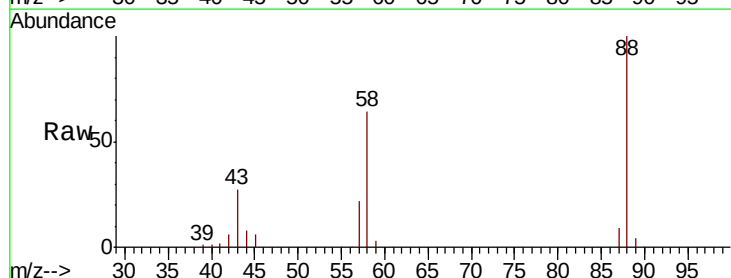
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.591 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.12 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	27.8	21.4	32.2

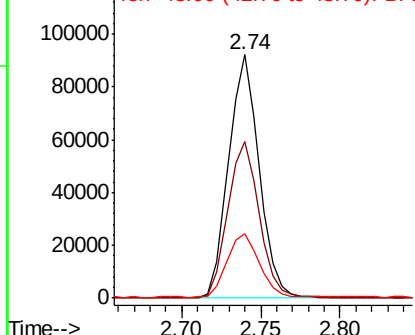
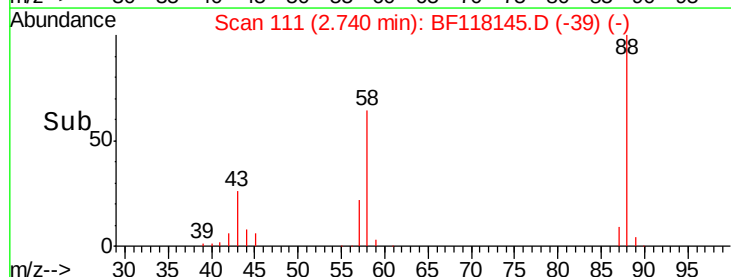


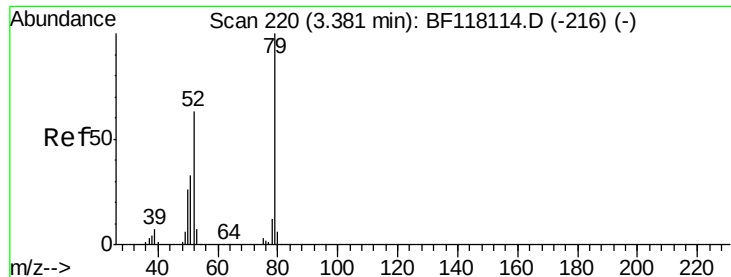
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

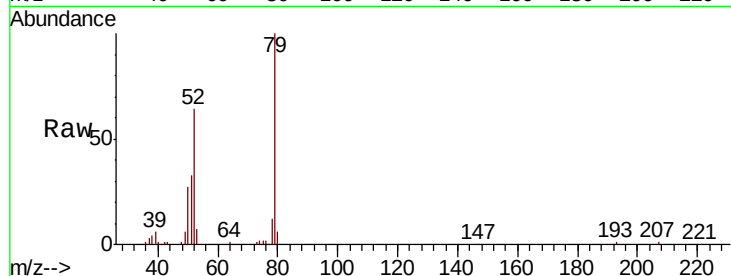




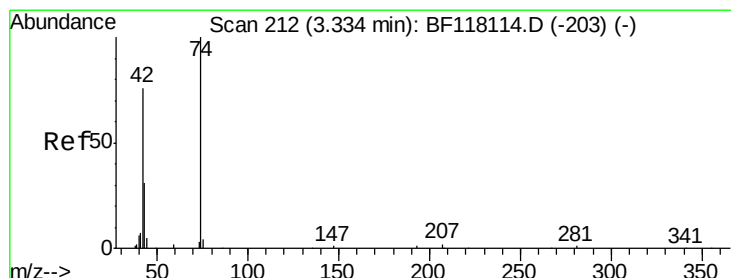
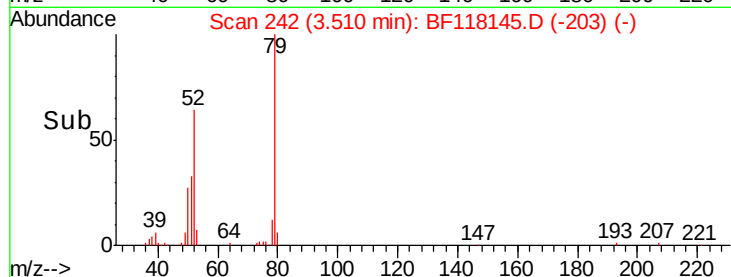
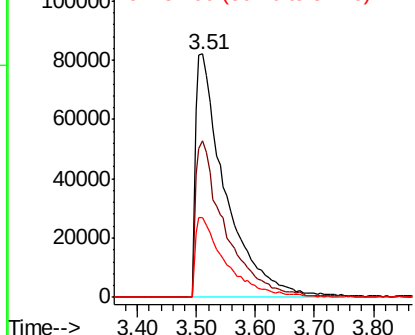
#3
 Pvridine
 Concen: 22.342 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.13 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 288939
 Ion Ratio Lower Upper
 79 100
 52 64.4 50.7 76.1
 51 32.7 26.4 39.6

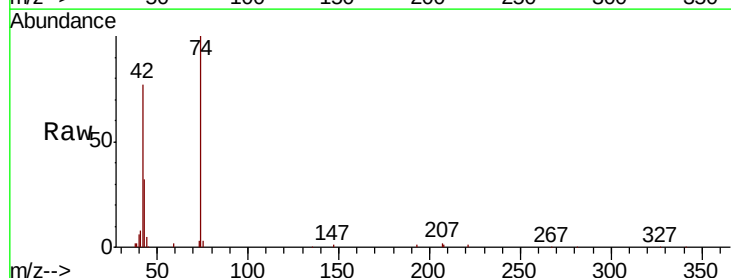


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

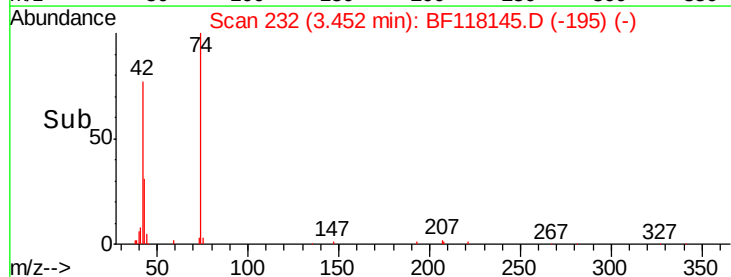
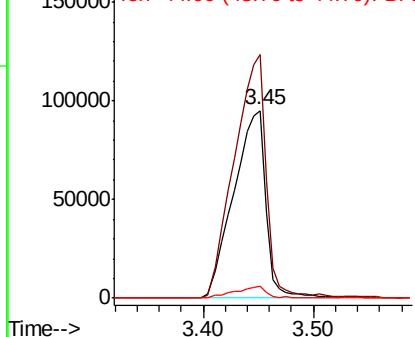


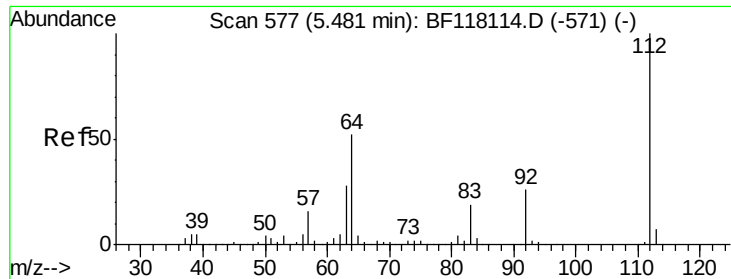
#4
 n-Nitrosodimethylamine
 Concen: 35.124 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.12 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion: 42 Resp: 195414
 Ion Ratio Lower Upper
 42 100
 74 130.0 104.6 157.0
 44 6.4 5.1 7.7



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





#5

2-Fluorophenol

Concen: 112.720 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

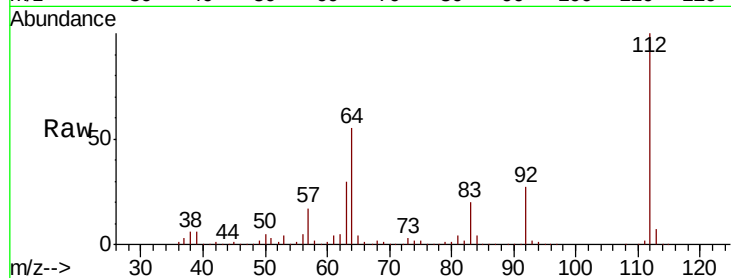
Tot Ion:112 Resp: 1340058

Ion Ratio Lower Upper

112 100

64 55.2 41.3 61.9

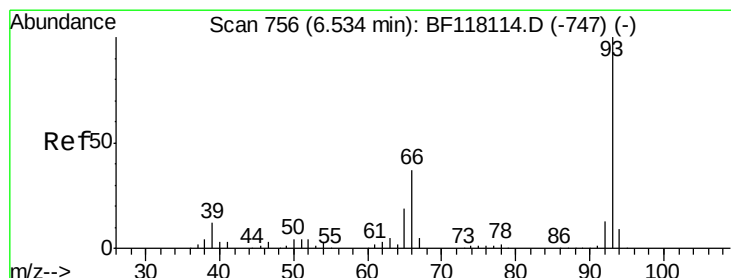
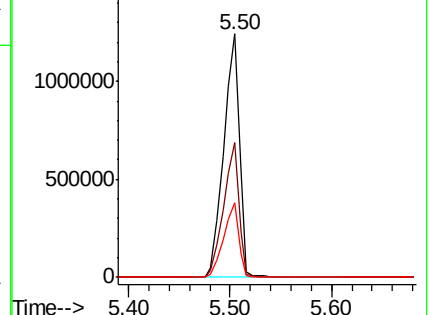
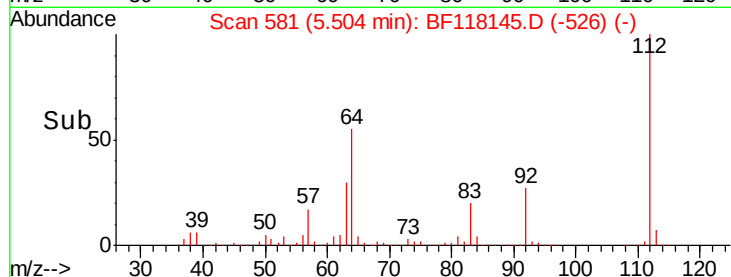
63 30.4 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.924 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

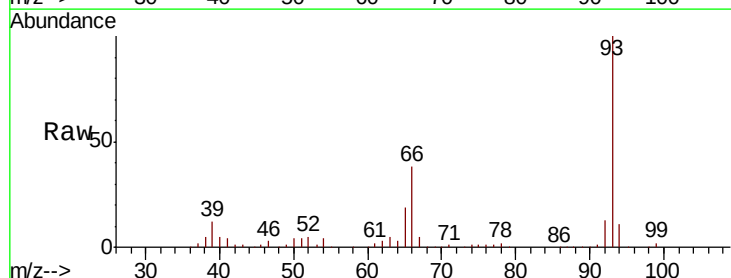
Tgt Ion: 93 Resp: 458436

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.2

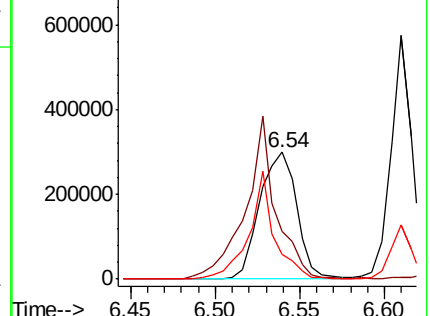
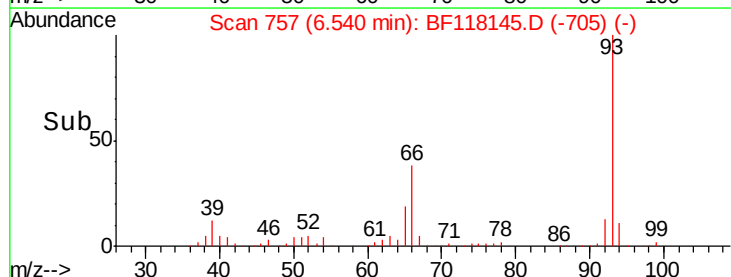
65 19.5 15.5 23.3

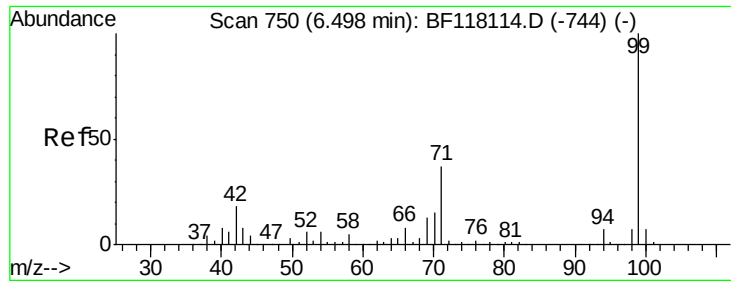


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.535 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

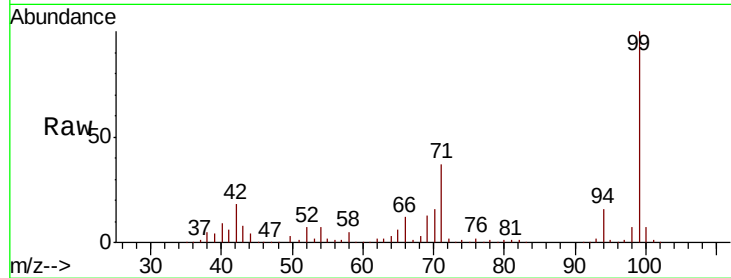
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1661315

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	37.5	29.7	44.5

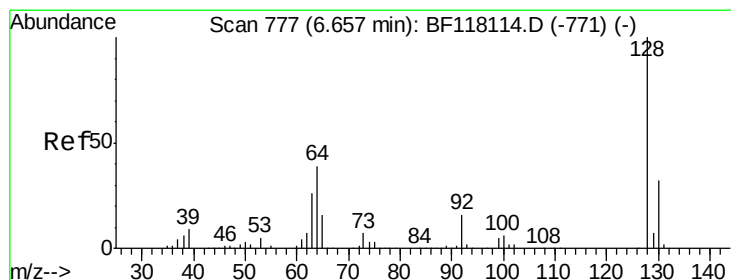
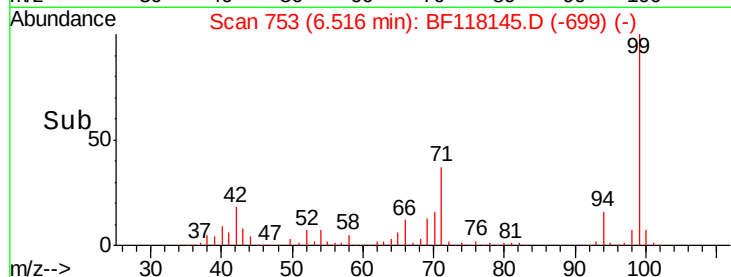
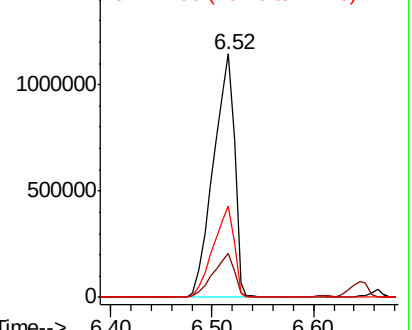


Abundance

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: 41.872 ng

RT: 6.66 min Scan# 778

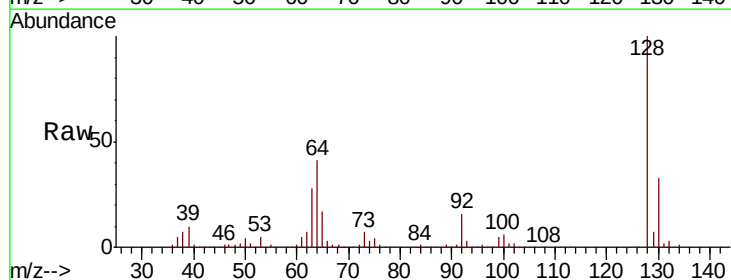
Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Tgt Ion: 128 Resp: 561295

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.1	52.1
64	41.4	19.3	59.3

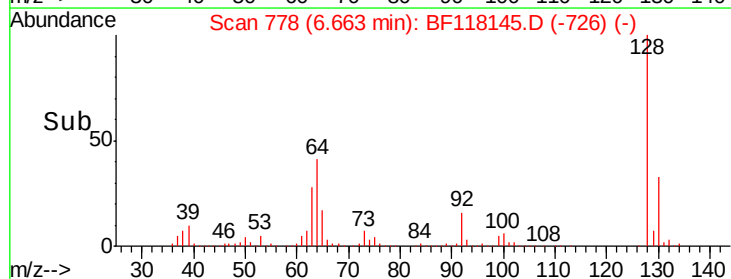
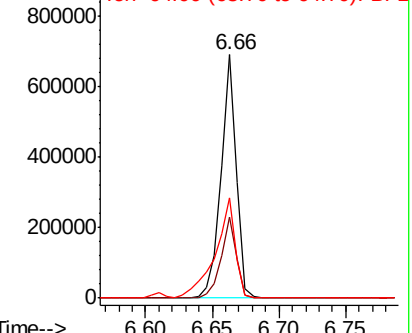


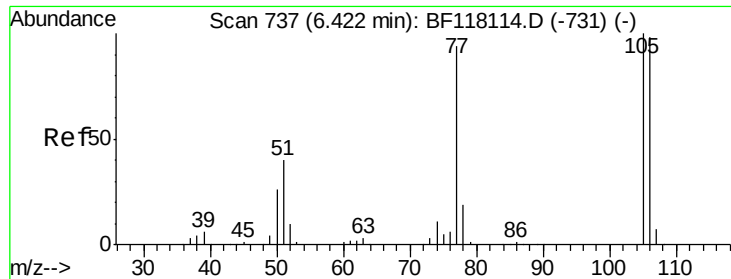
Abundance

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: 4.306 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

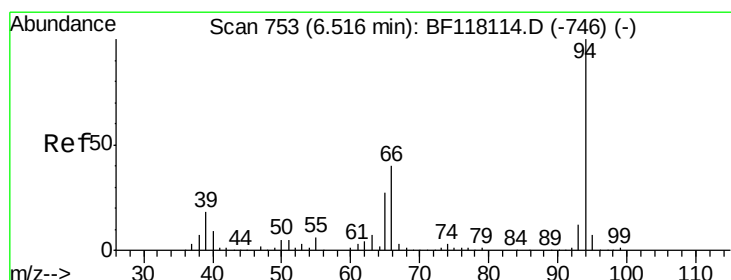
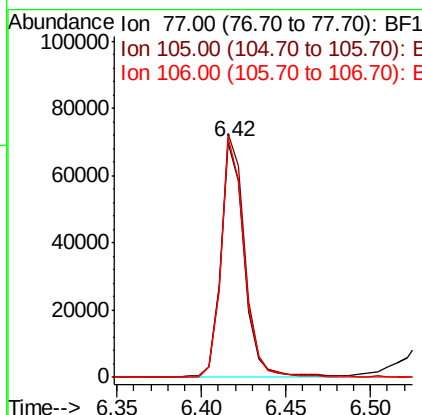
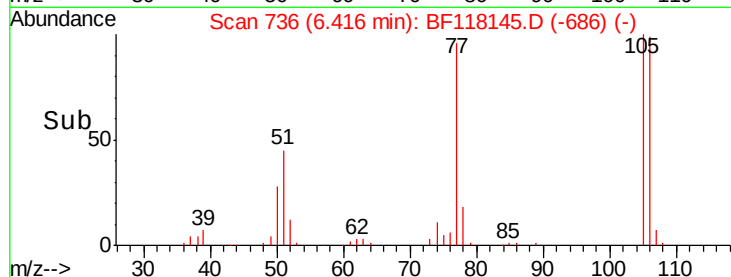
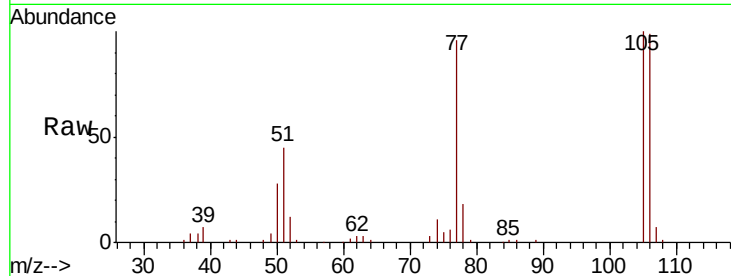
Tot Ion: 77 Resp: 67573

Ion Ratio Lower Upper

77 100

105 103.7 86.4 126.4

106 102.2 83.8 123.8



#10

Phenol

Concen: 39.129 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

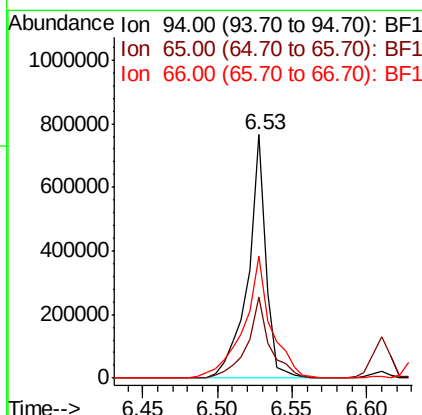
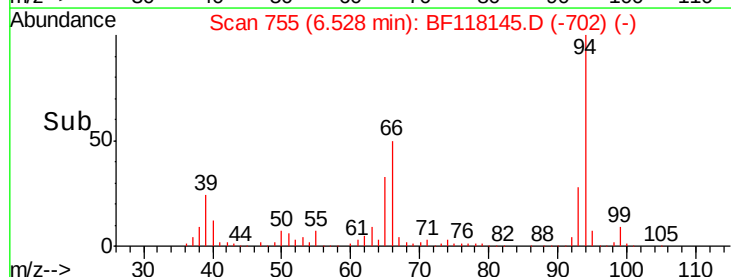
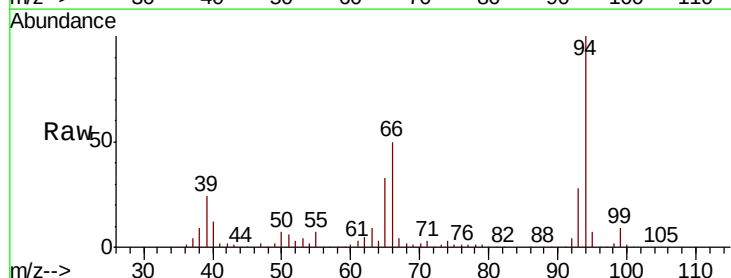
Tgt Ion: 94 Resp: 641653

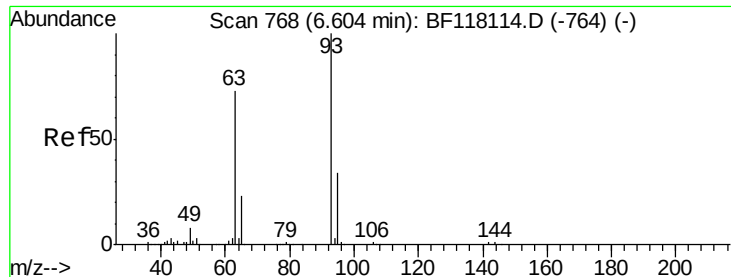
Ion Ratio Lower Upper

94 100

65 33.2 7.3 47.3

66 50.2 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 41.246 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

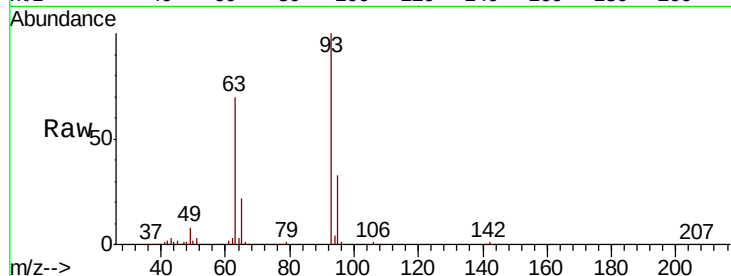
Tot Ion: 93 Resp: 489184

Ion Ratio Lower Upper

93 100

63 69.7 53.2 93.2

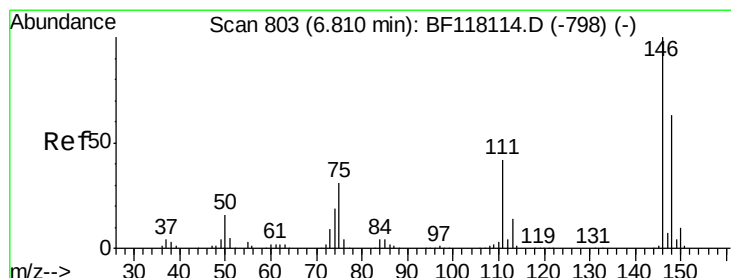
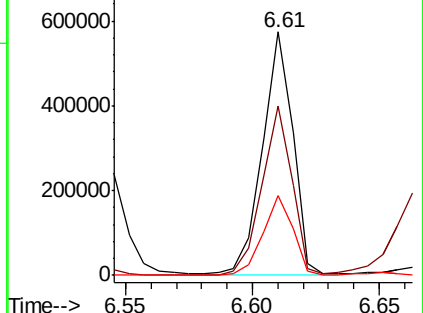
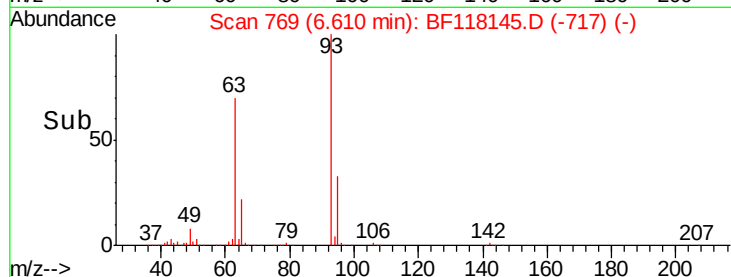
95 32.8 13.8 53.8



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: 33.538 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

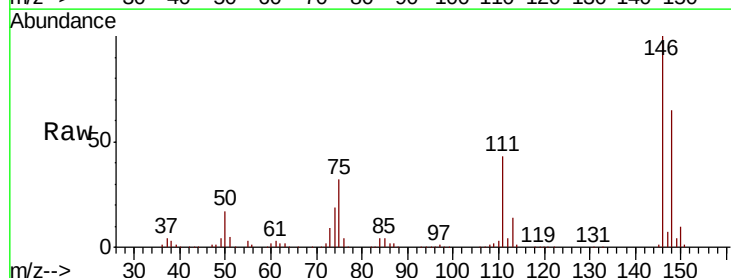
Tgt Ion: 146 Resp: 525193

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.4

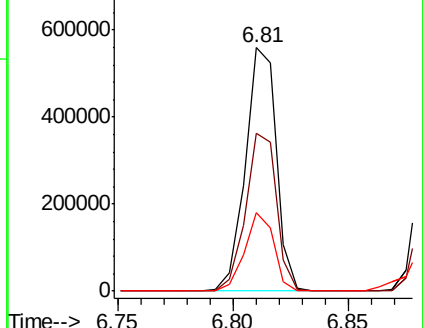
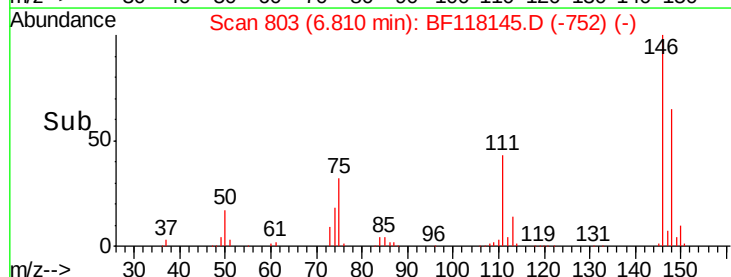
75 32.3 24.6 37.0

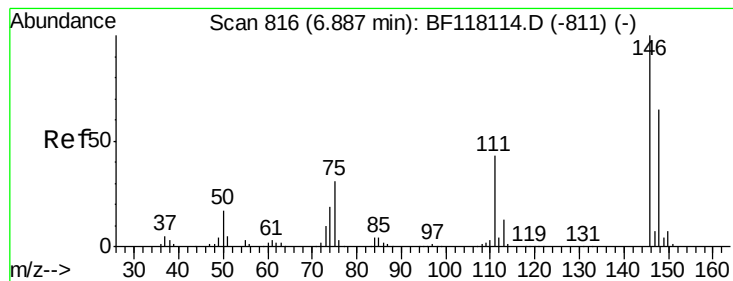


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.527 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

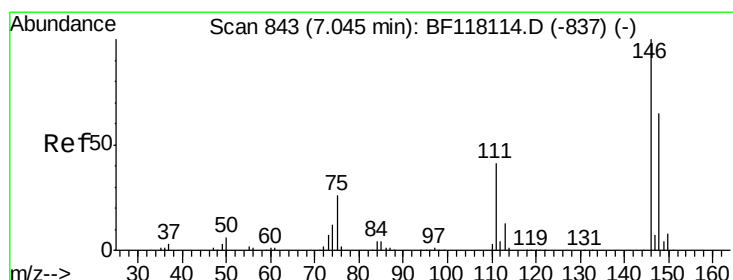
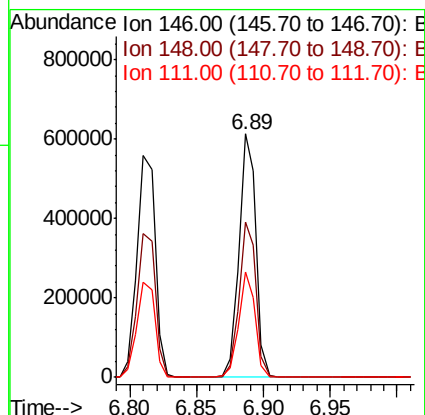
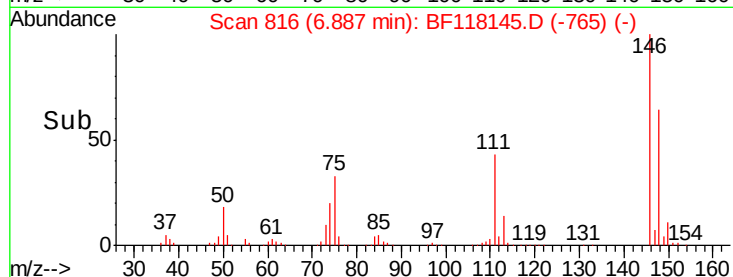
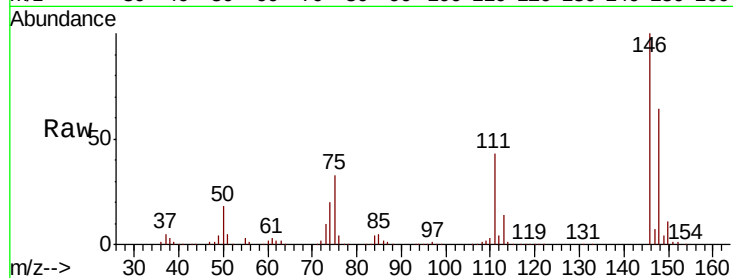
Tot Ion:146 Resp: 544444

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

111 43.1 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 35.914 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

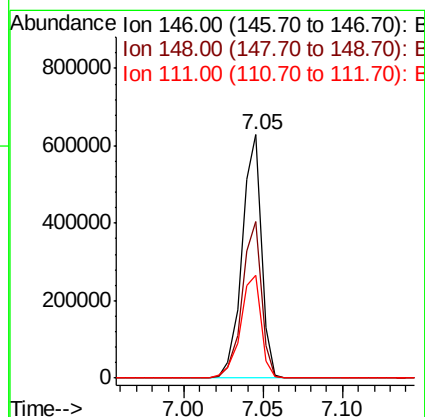
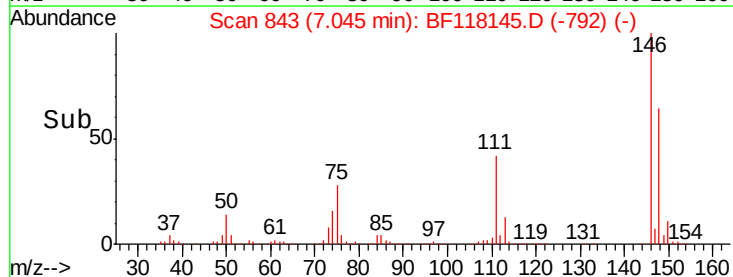
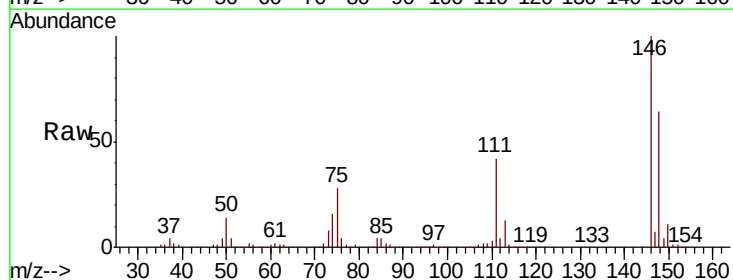
Tgt Ion:146 Resp: 531829

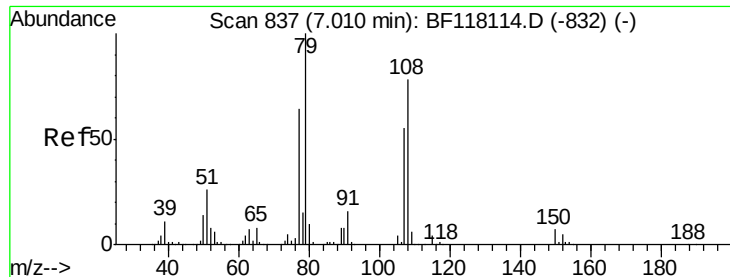
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 42.2 33.1 49.7





#15

Benzyl Alcohol

Concen: 42.547 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

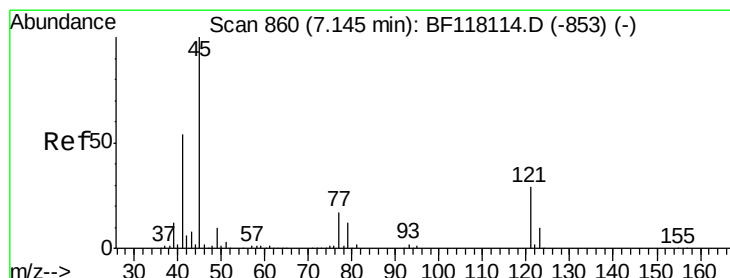
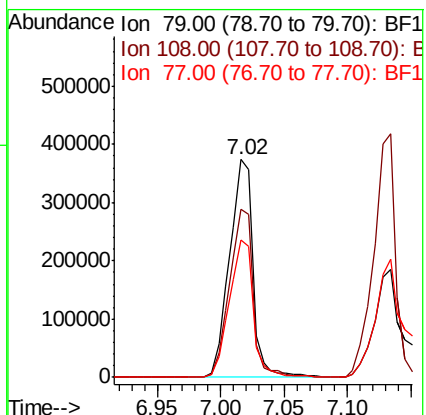
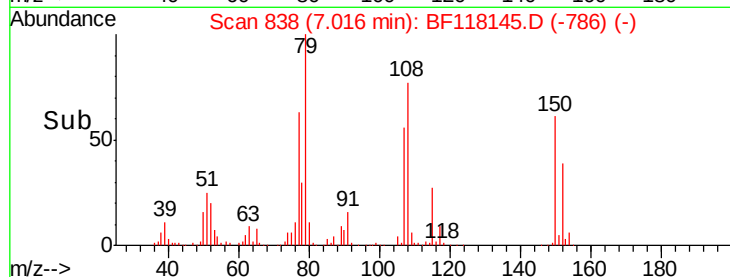
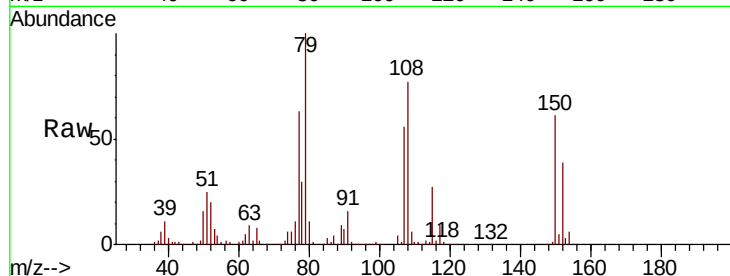
Tot Ion: 79 Resp: 477565

Ion Ratio Lower Upper

79 100

108 77.0 62.7 94.1

77 63.2 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.802 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

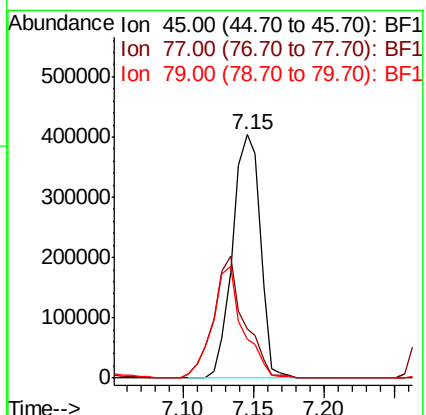
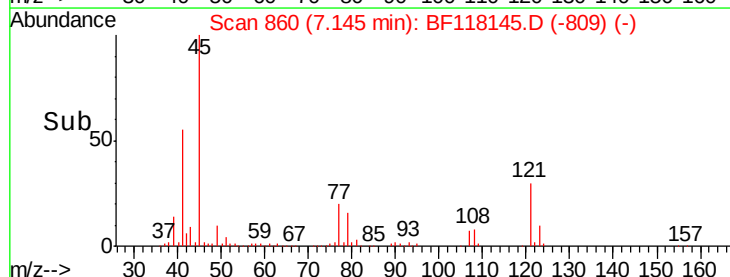
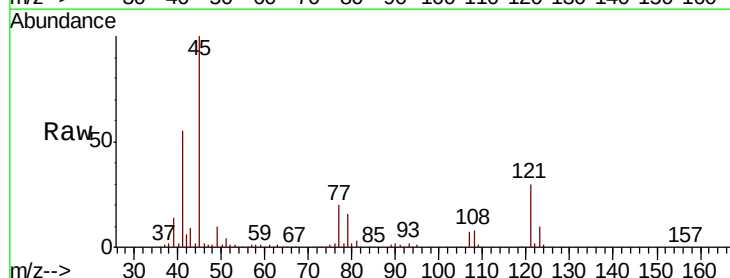
Tgt Ion: 45 Resp: 553330

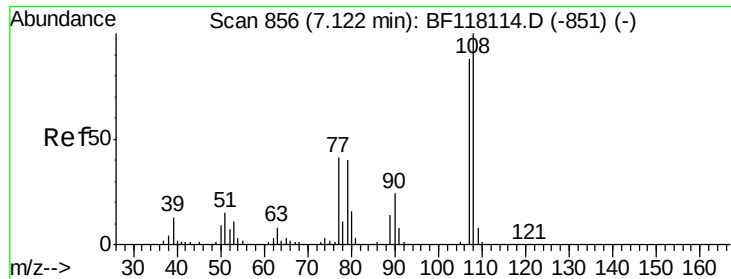
Ion Ratio Lower Upper

45 100

77 20.2 0.0 38.0

79 16.2 0.0 33.2

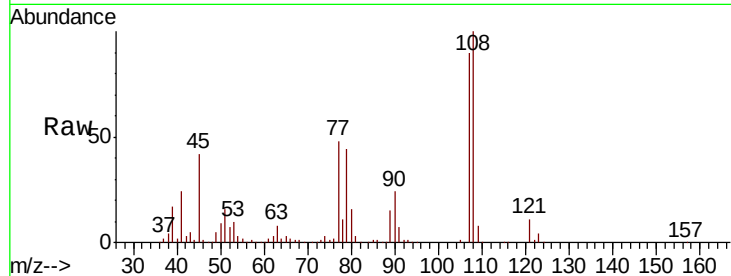




#17
2-Methylphenol
Concen: 42.681 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.1	136.7
77	53.7	37.8	56.6
79	49.2	37.0	55.6



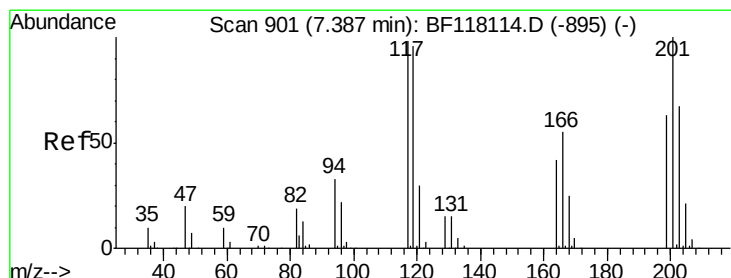
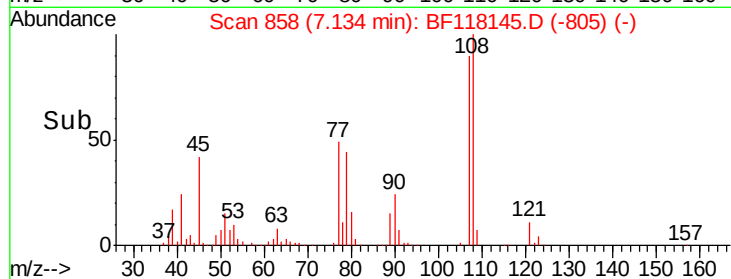
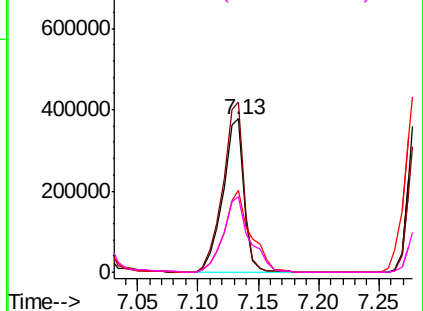
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

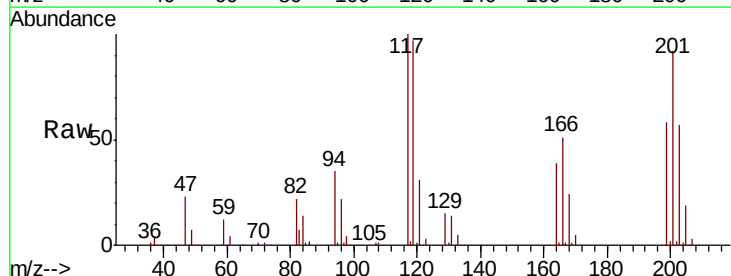
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.296 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.2	117.4
201	92.3	81.6	122.4

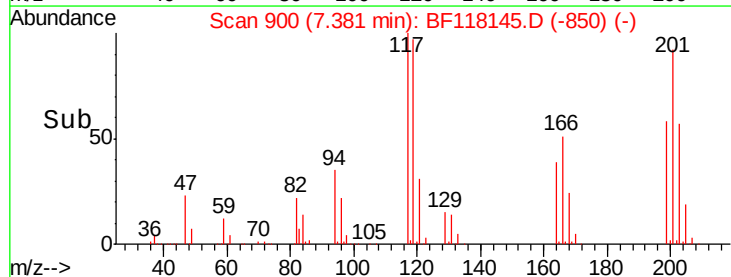
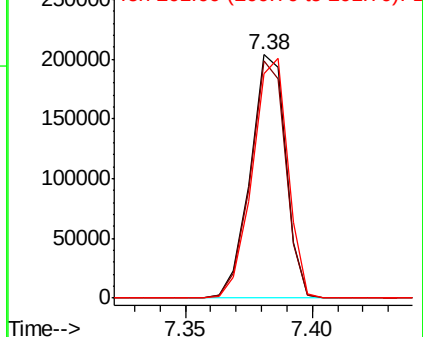


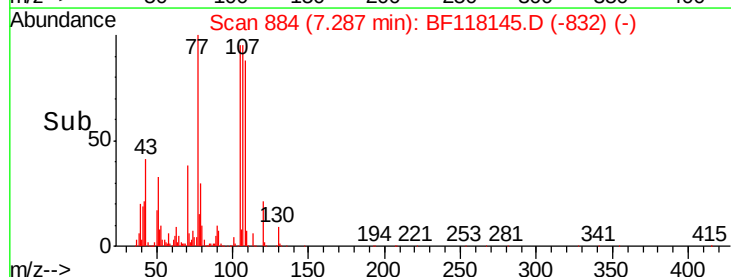
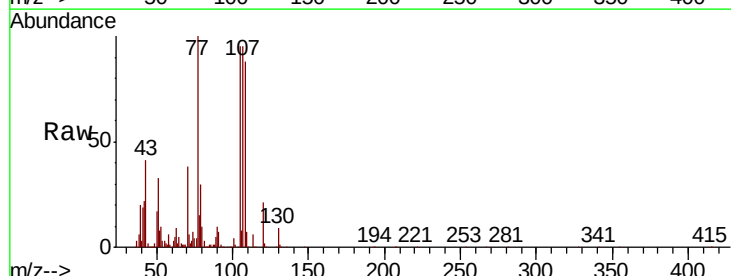
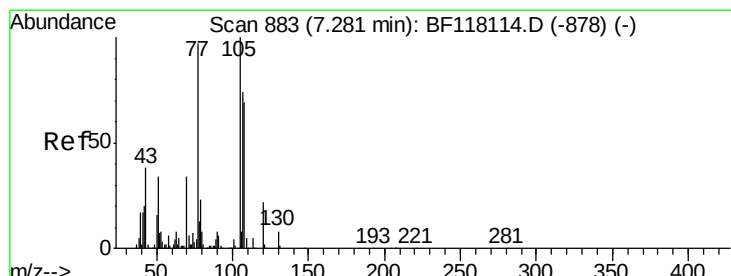
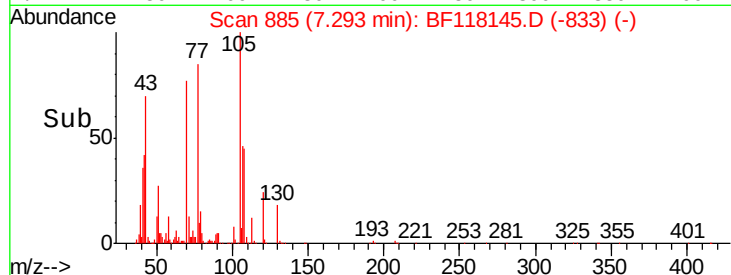
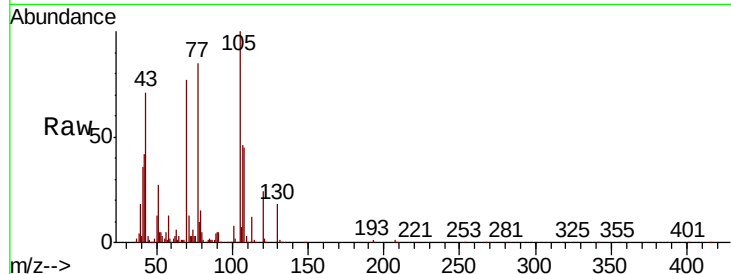
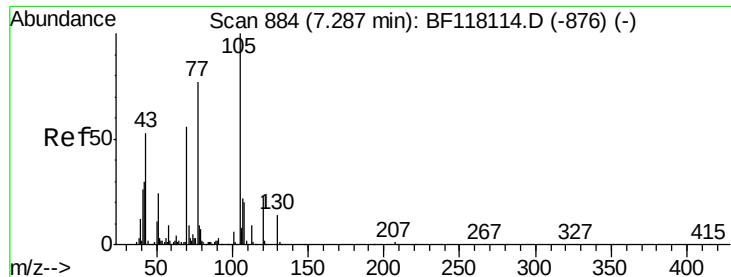
Abundance

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

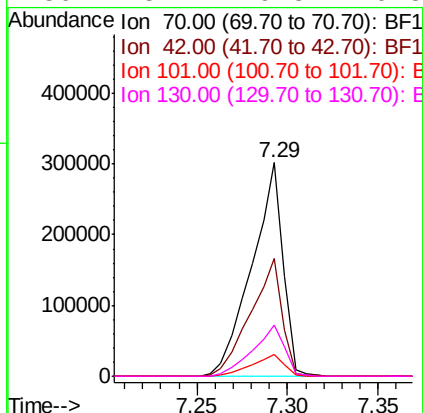




#19
n-Nitroso-di-n-propylamine
Concen: 41.448 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

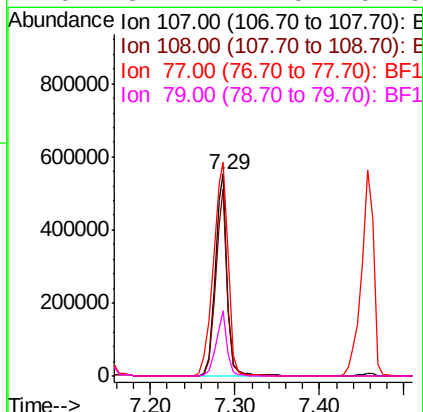
Instrument :
BNA_F
ClientSampleId :

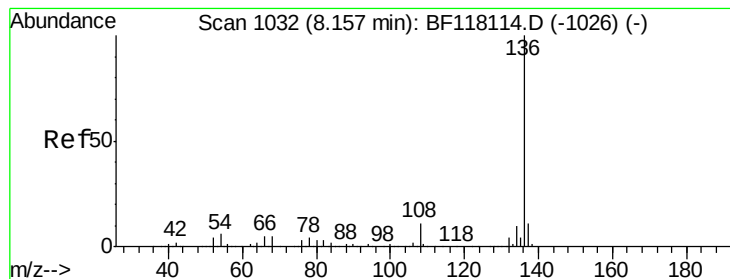
Tot Ion:	70	Resp:	362162
Ion	Ratio	Lower	Upper
70	100		
42	55.0	43.2	64.8
101	10.3	8.1	12.1
130	23.7	19.8	29.8



#20
3+4-Methylphenols
Concen: 41.576 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:	107	Resp:	556790
Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.2	113.2
77	105.8	110.9	150.9#
79	32.1	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 938933

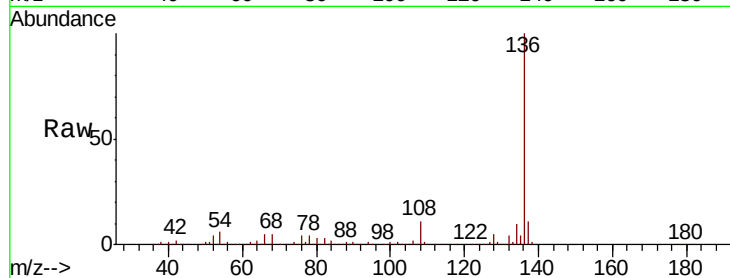
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.4 5.0 7.6

68 4.9 3.8 5.8

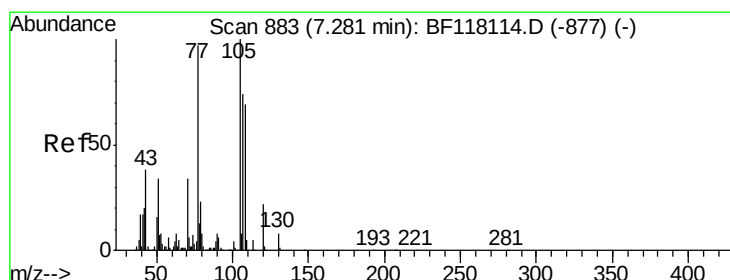
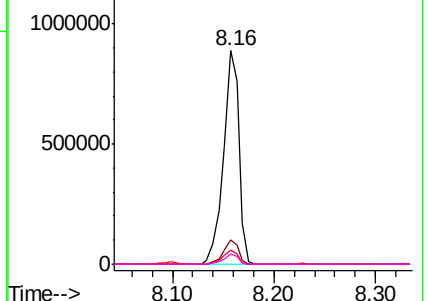
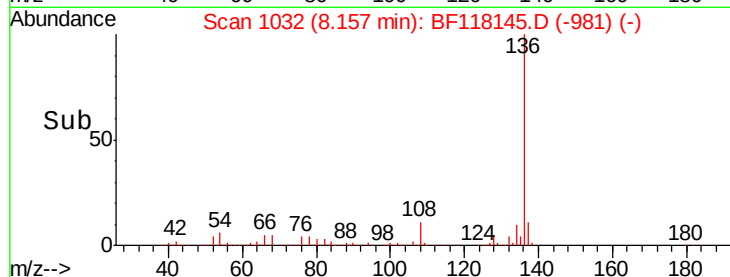


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.410 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Tgt Ion:105 Resp: 753647

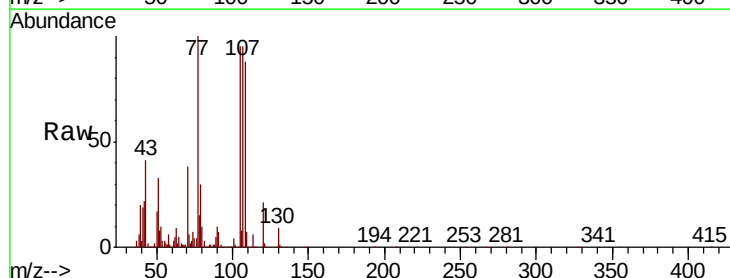
Ion Ratio Lower Upper

105 100

71 6.3 4.7 7.1

51 35.3 27.1 40.7

120 21.9 17.8 26.6

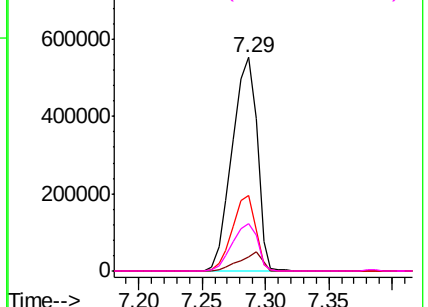
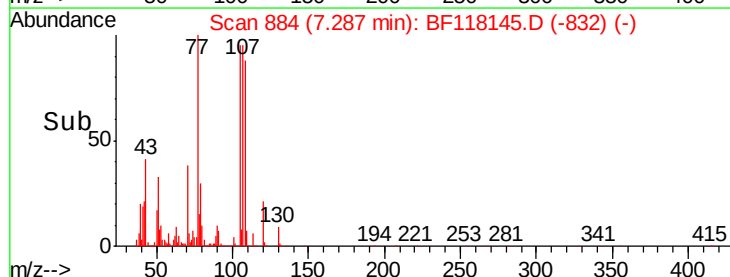


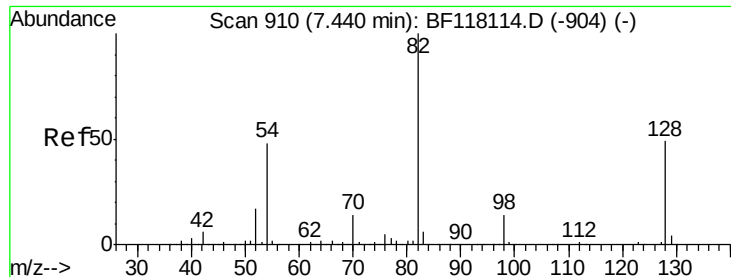
Abundance Ion 105.00 (104.70 to 105.70): E

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: 51.810 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

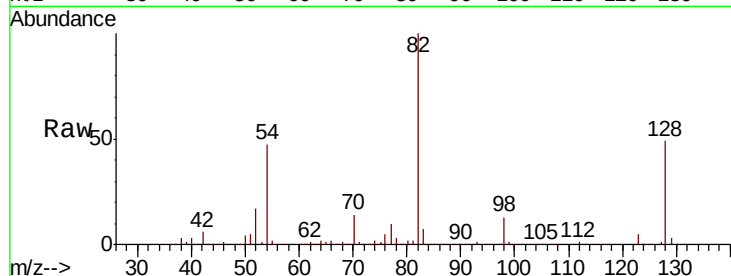
Tot Ion: 82 Resp: 864702

Ion Ratio Lower Upper

82 100

128 48.9 39.1 58.7

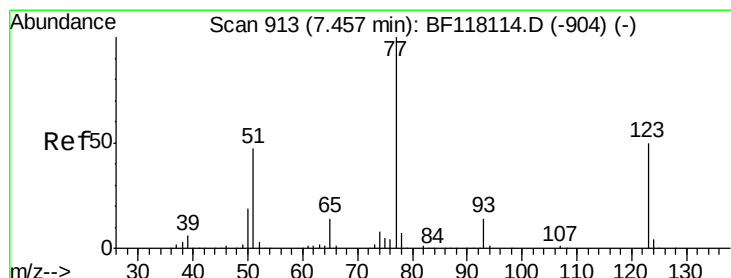
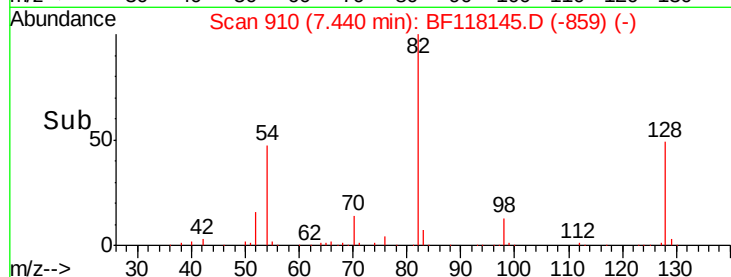
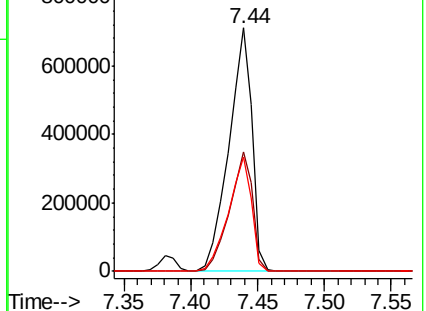
54 47.2 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 33.957 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

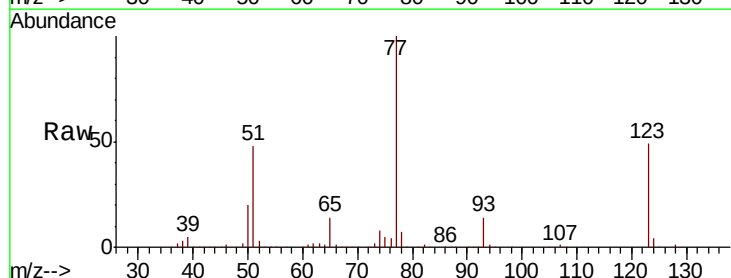
Tgt Ion: 77 Resp: 556818

Ion Ratio Lower Upper

77 100

123 48.7 40.1 60.1

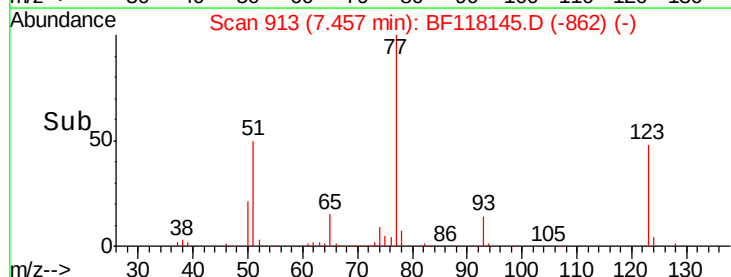
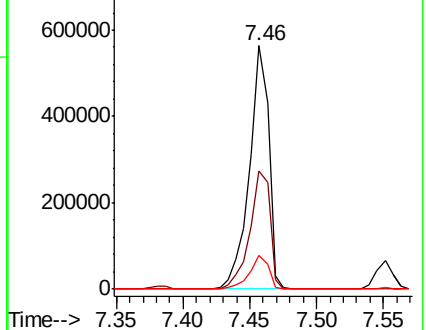
65 13.8 10.9 16.3

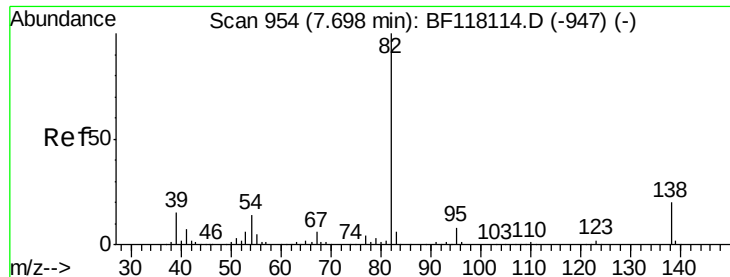


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

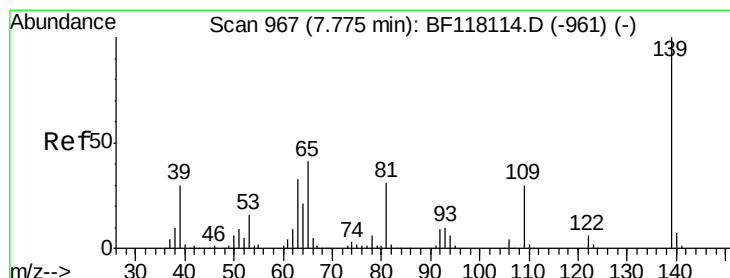
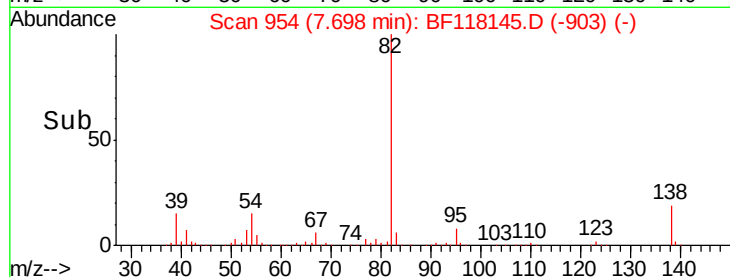
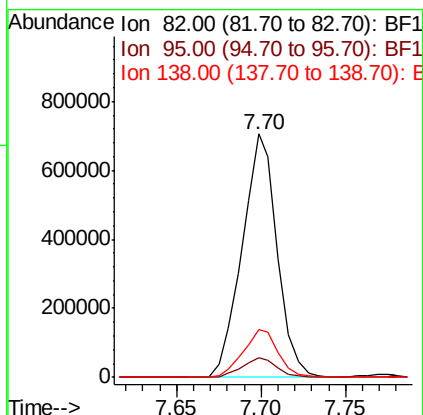
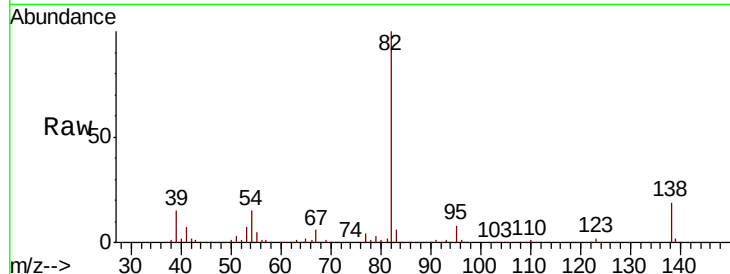




#25
Isophorone
Concen: 35.966 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

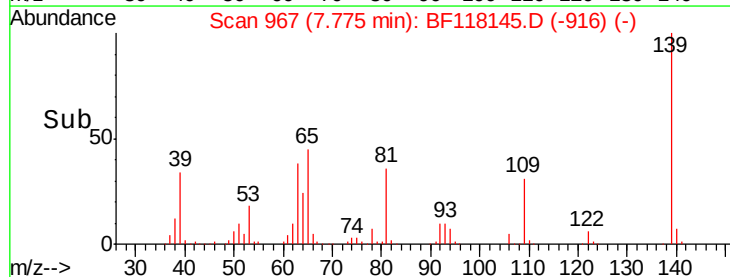
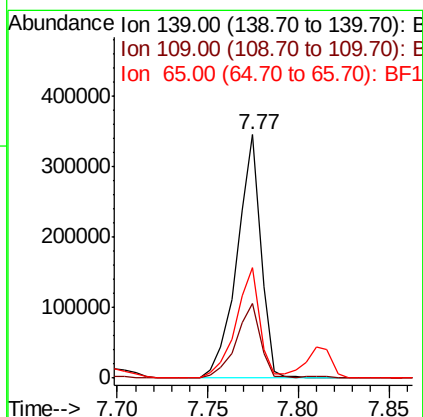
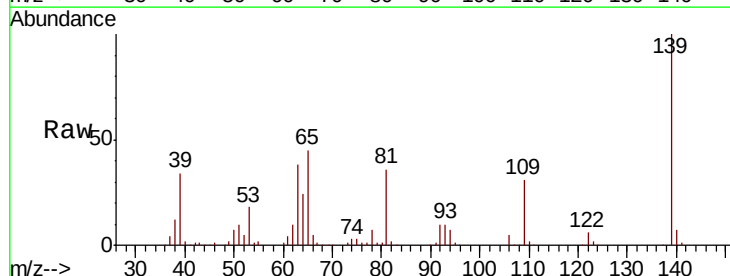
Instrument :
BNA_F
ClientSampleId :

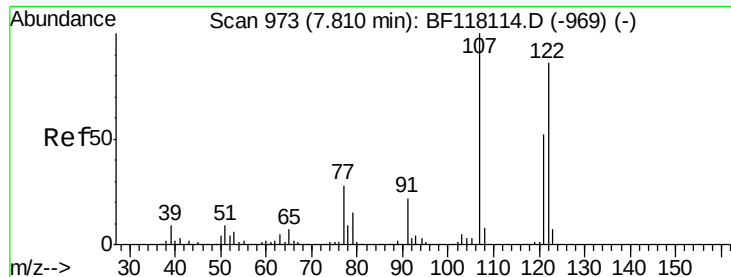
Tot Ion: 82 Resp: 1017571
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 19.4 16.3 24.5



#26
2-Nitrophenol
Concen: 36.220 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion: 139 Resp: 317442
Ion Ratio Lower Upper
139 100
109 30.7 23.9 35.9
65 45.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.913 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

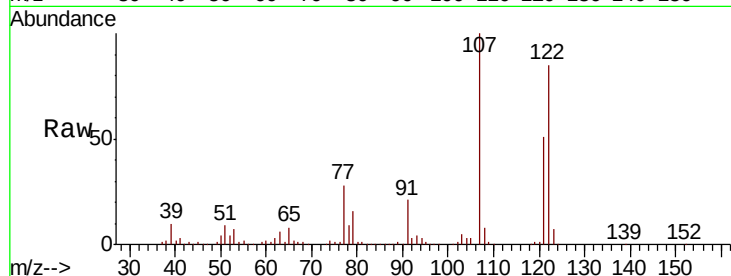
Tot Ion:122 Resp: 501681

Ion Ratio Lower Upper

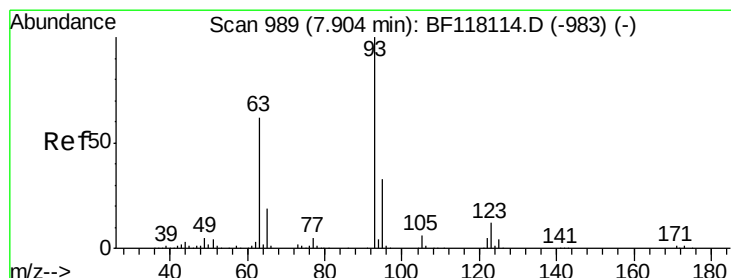
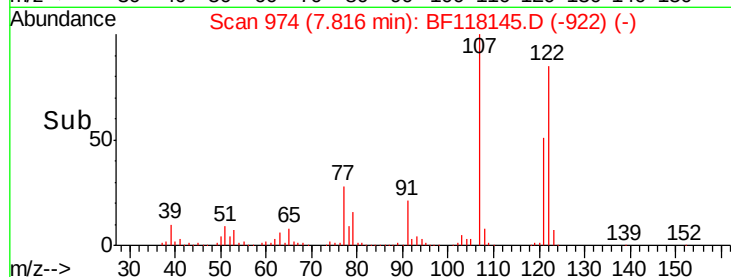
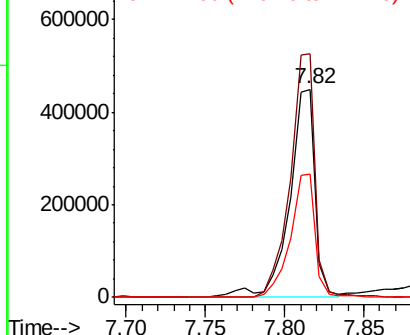
122 100

107 117.1 92.9 139.3

121 59.4 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.624 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

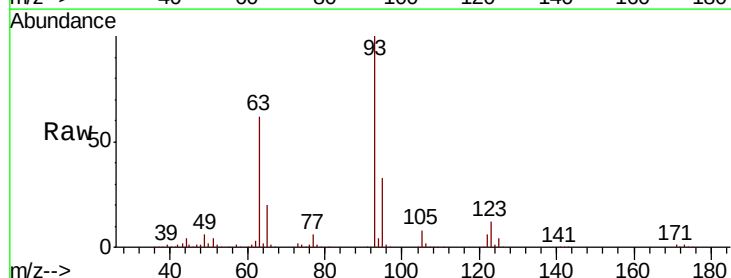
Tgt Ion: 93 Resp: 621630

Ion Ratio Lower Upper

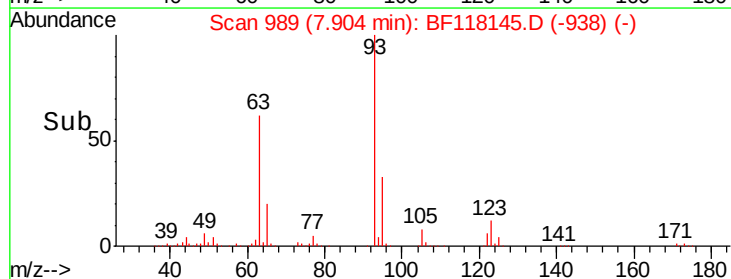
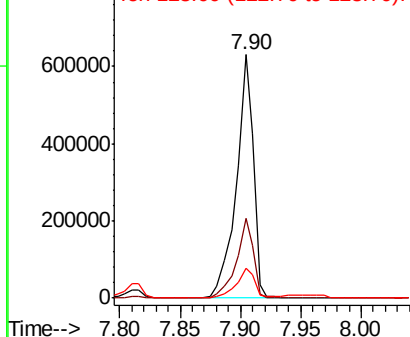
93 100

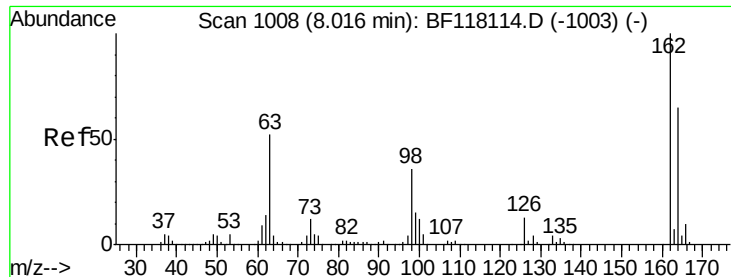
95 32.9 26.7 40.1

123 12.0 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

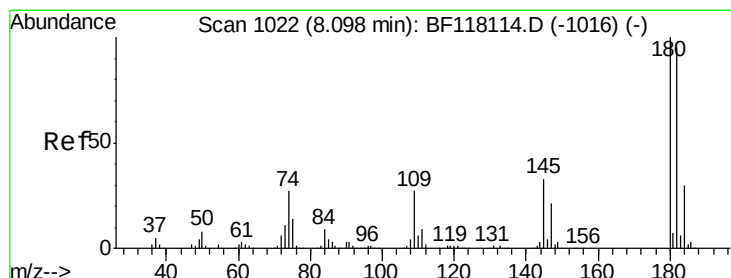
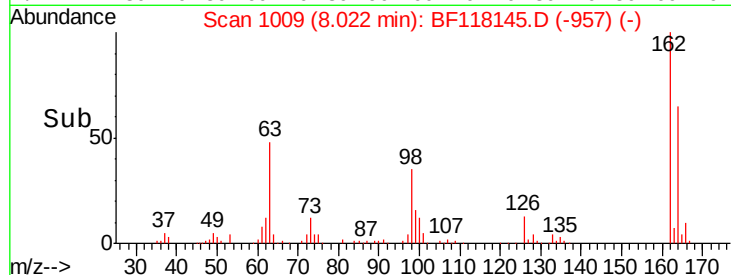
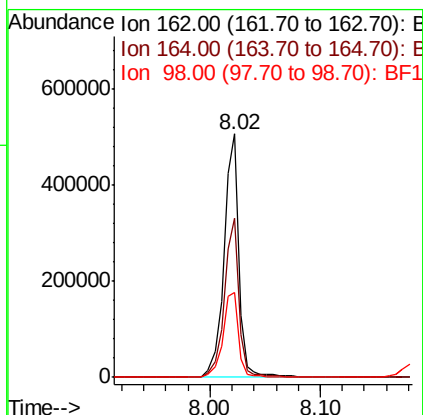
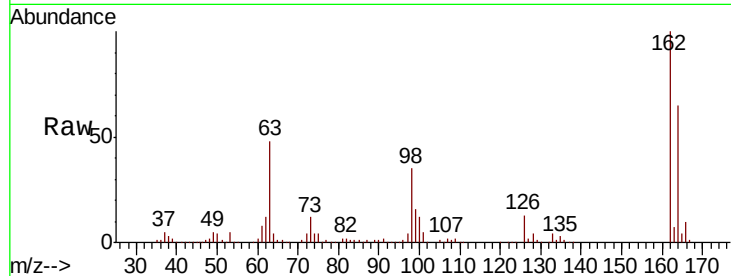




#29
2,4-Dichlorophenol
Concen: 35.118 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

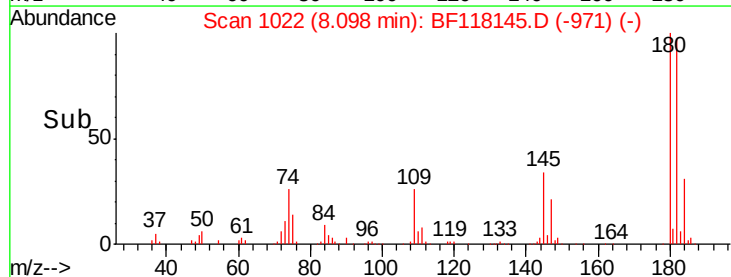
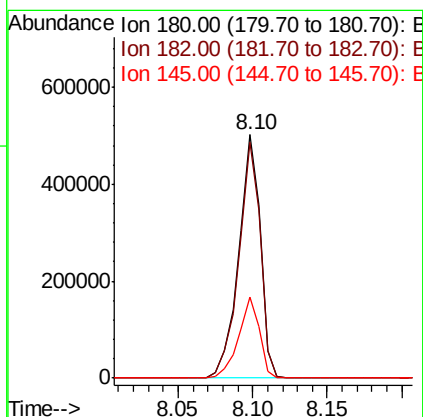
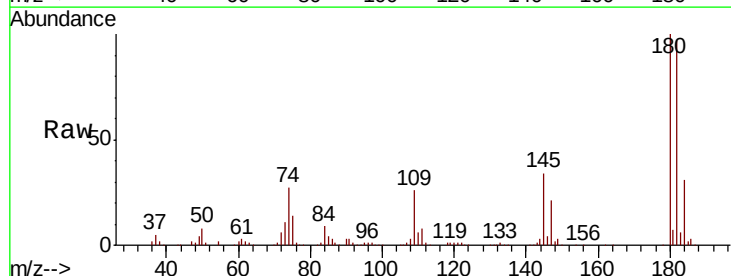
Instrument :
BNA_F
ClientSampleId :

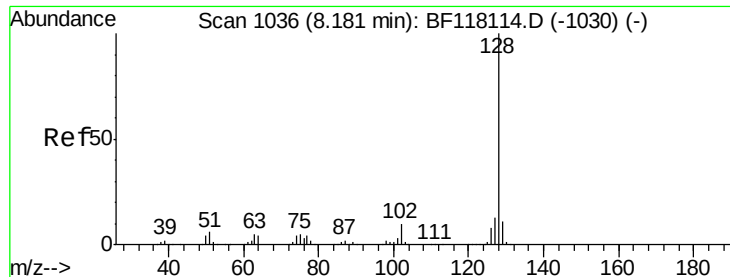
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.2	85.2
98	34.7	15.9	55.9



#30
1,2,4-Trichlorobenzene
Concen: 31.933 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.1	114.1
145	33.5	26.1	39.1

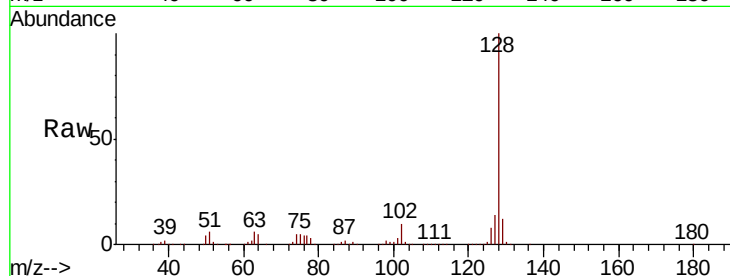




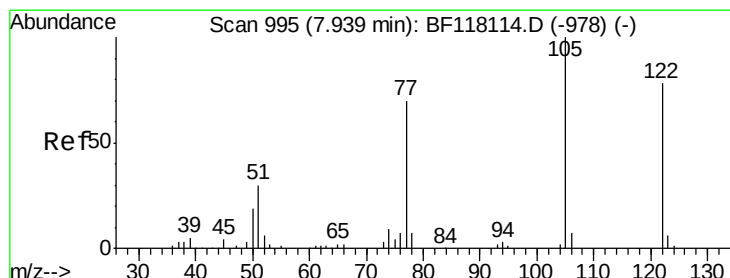
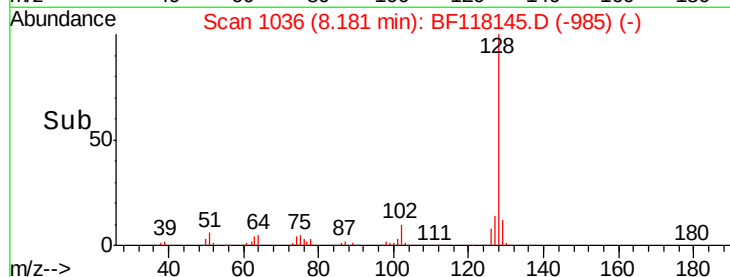
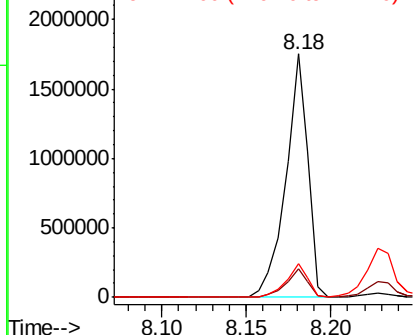
#31
Naphthalene
Concen: 33.943 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1600587
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 10.6 16.0

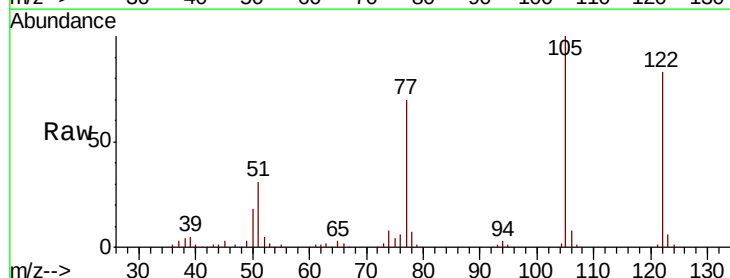


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

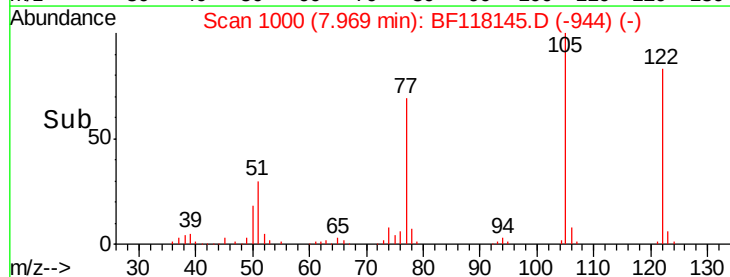
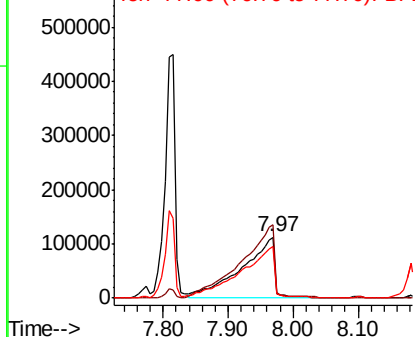


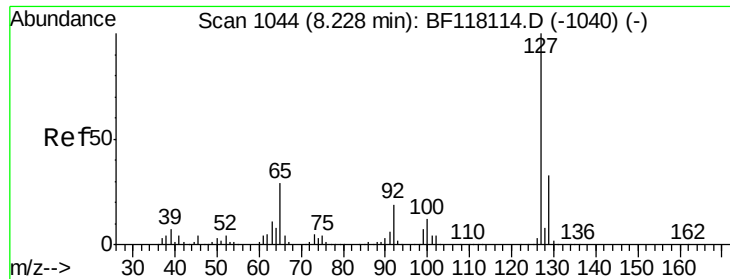
#32
Benzoic acid
Concen: 37.043 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.03 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:122 Resp: 391009
Ion Ratio Lower Upper
122 100
105 120.7 104.7 144.7
77 84.4 69.1 109.1



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

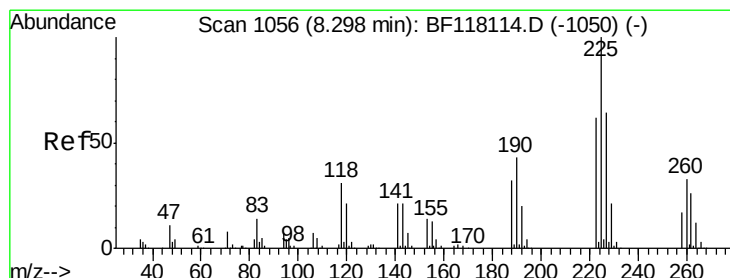
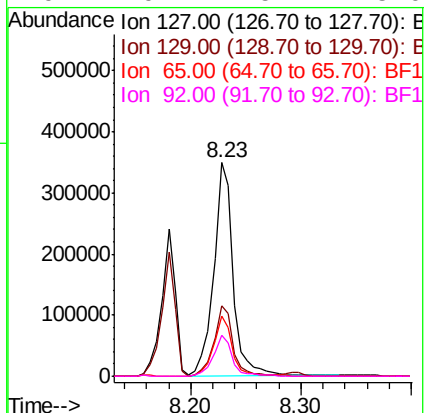
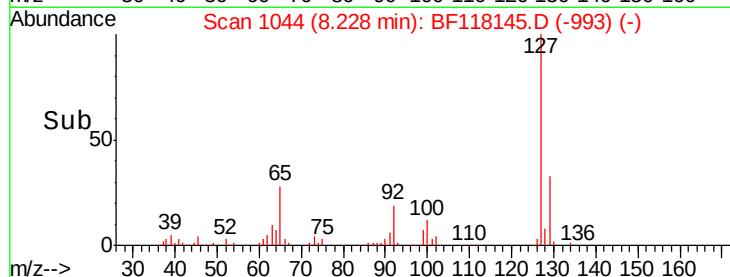
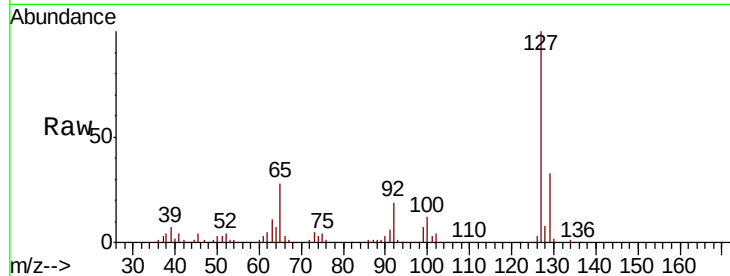




#33
4-Chloroaniline
Concen: 20.786 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

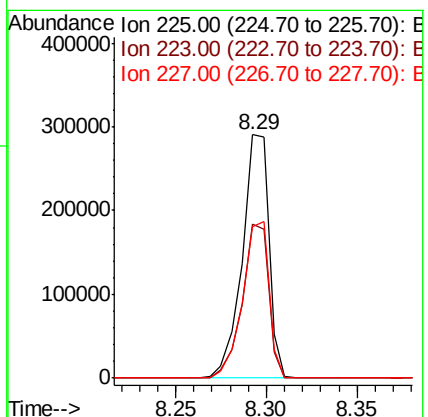
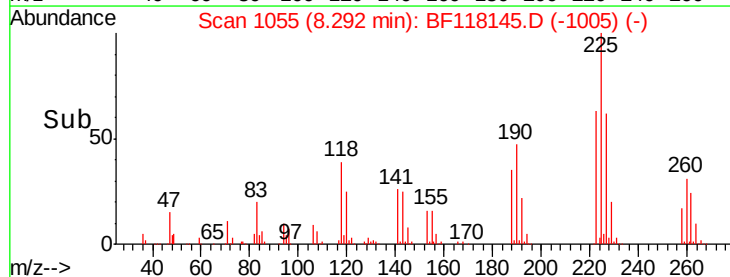
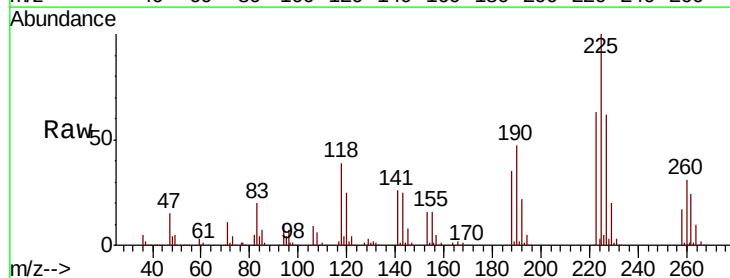
Instrument :
BNA_F
ClientSampleId :

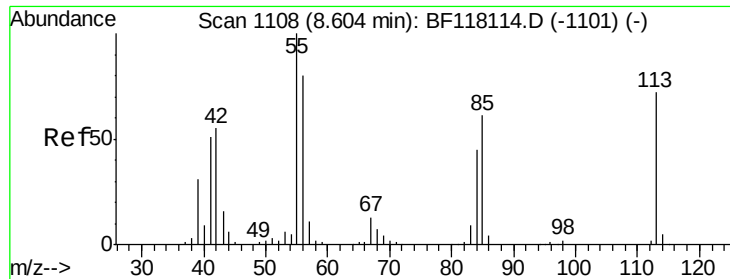
Tot Ion:	127	Resp:	423221
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	28.5	23.2	34.8
92	19.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 31.046 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:	225	Resp:	296515
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.6	74.4
227	62.4	51.0	76.6

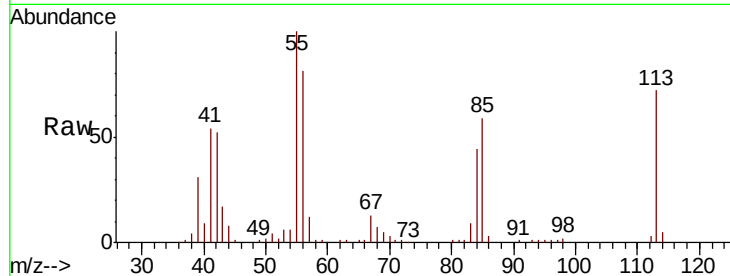




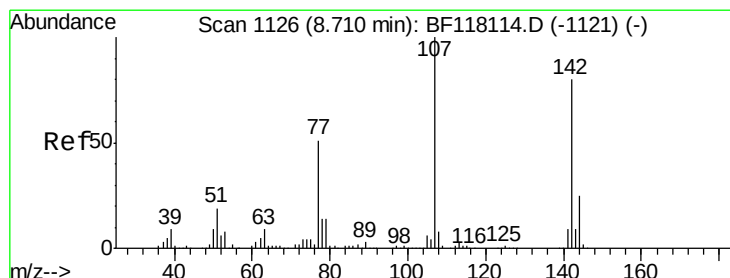
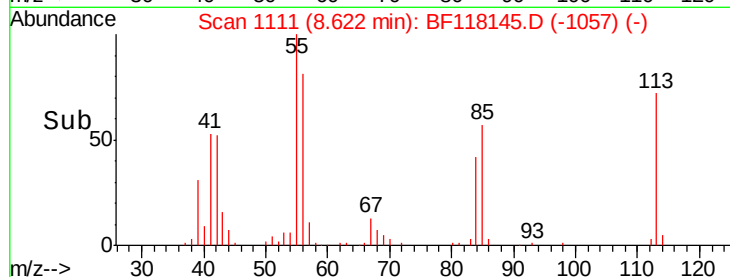
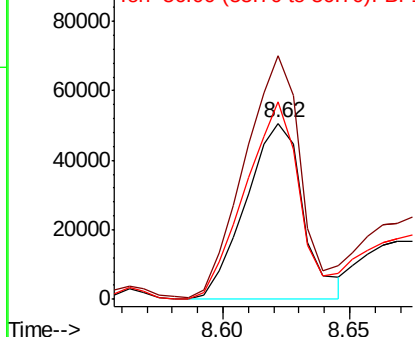
#35
Caprolactam
Concen: 19.103 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 80288
Ion Ratio Lower Upper
113 100
55 138.3 118.9 158.9
56 112.5 91.4 131.4

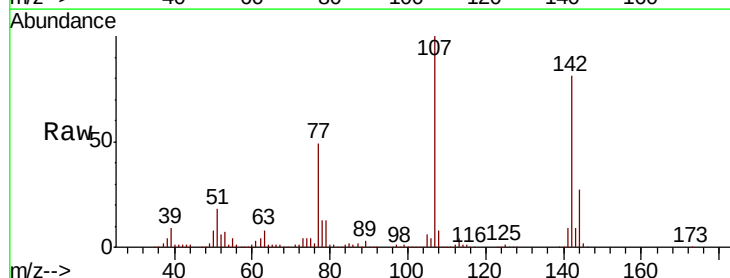


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

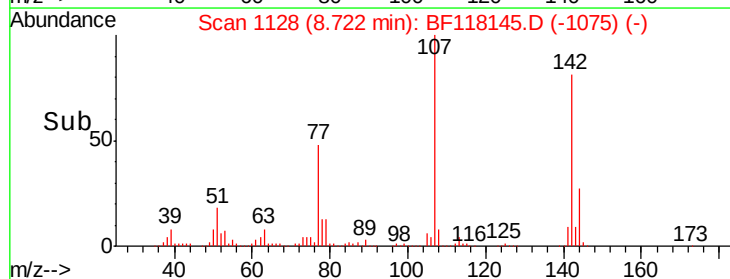
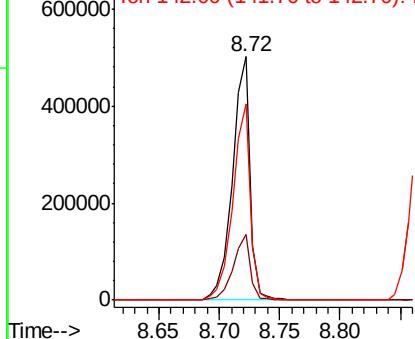


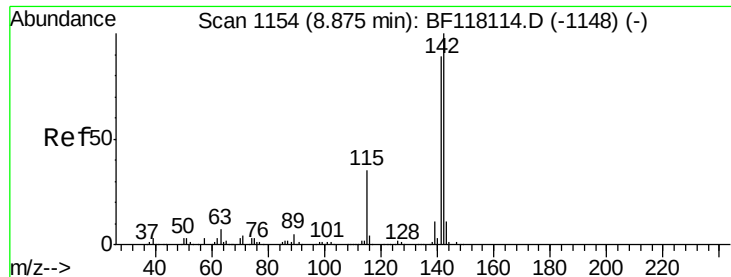
#36
4-Chloro-3-methylphenol
Concen: 35.664 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:107 Resp: 511502
Ion Ratio Lower Upper
107 100
144 26.8 20.3 30.5
142 80.5 63.7 95.5



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

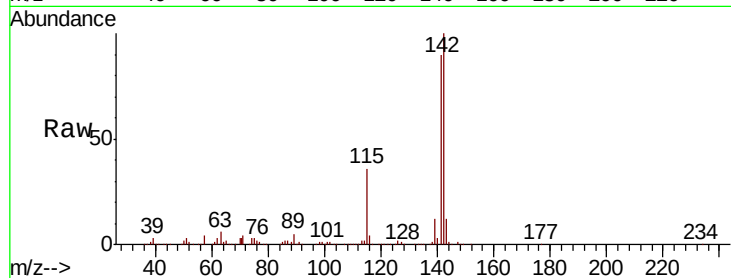




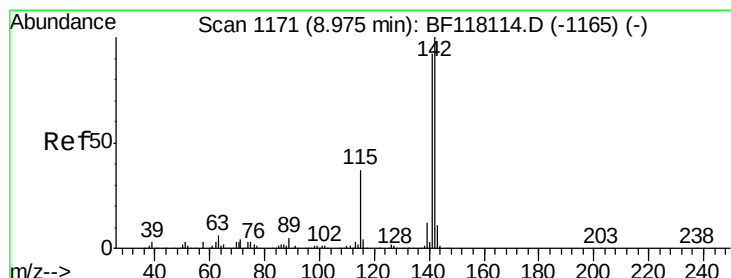
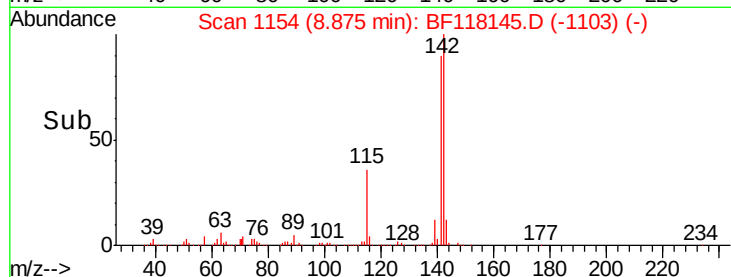
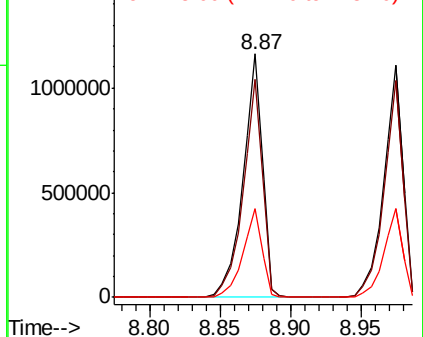
#37
2-Methylnaphthalene
Concen: 34.813 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1111396
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0
115 36.4 28.2 42.4

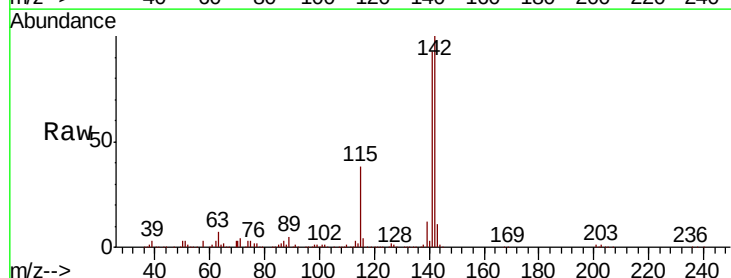


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

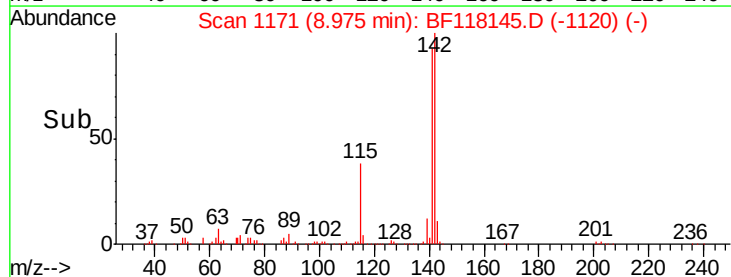
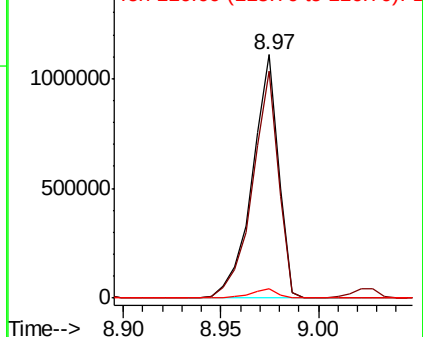


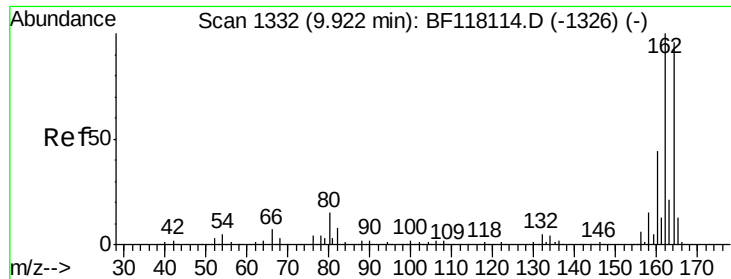
#38
1-Methylnaphthalene
Concen: 34.485 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:142 Resp: 1033698
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0
116 4.0 3.2 4.8



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

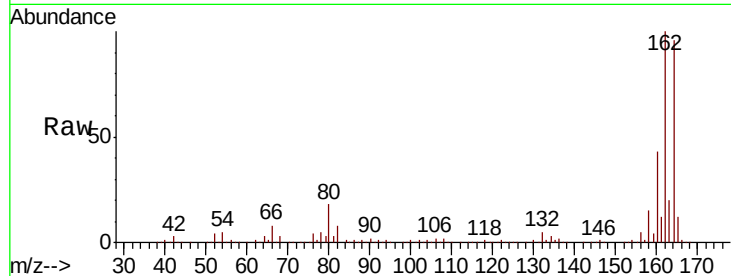




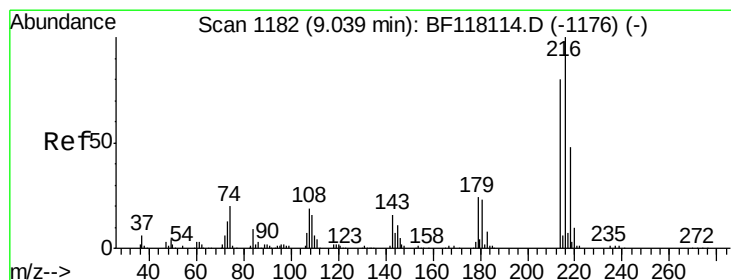
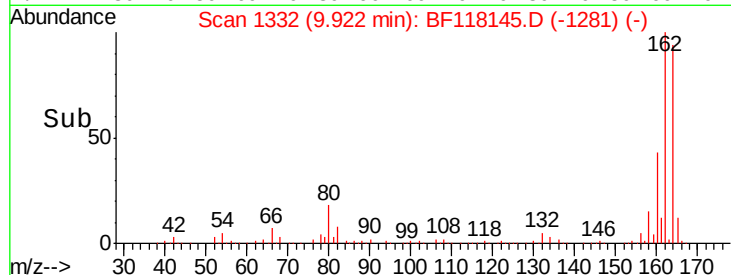
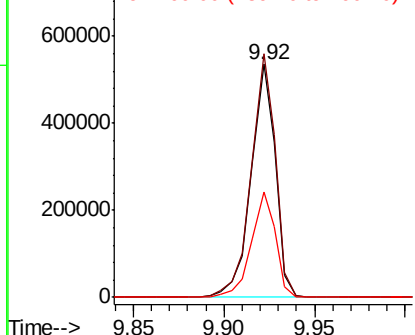
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 497588
Ion Ratio Lower Upper
164 100
162 104.5 83.4 125.0
160 45.3 36.6 54.8

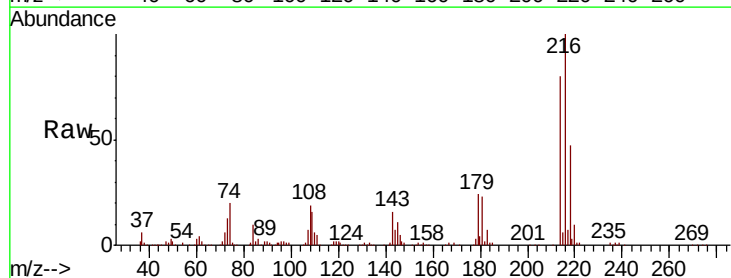


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

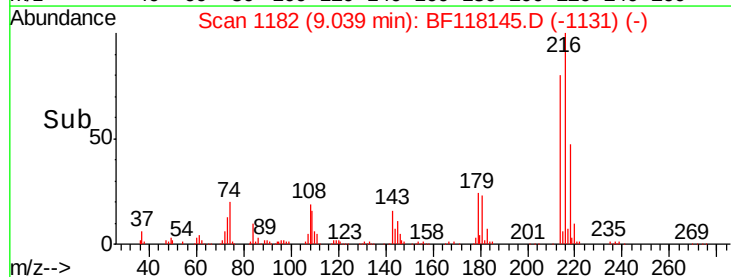
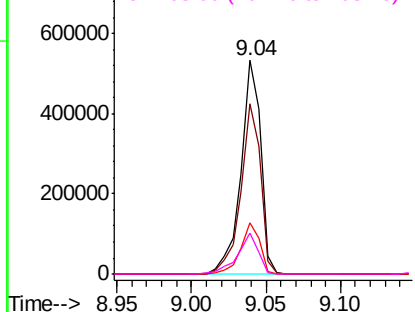


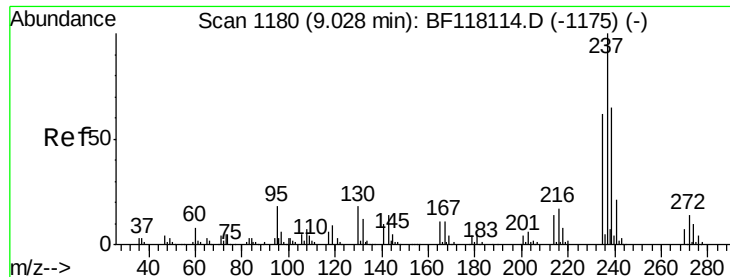
#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.609 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:216 Resp: 491540
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.2
179 23.4 18.6 27.8
108 20.2 15.4 23.0



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

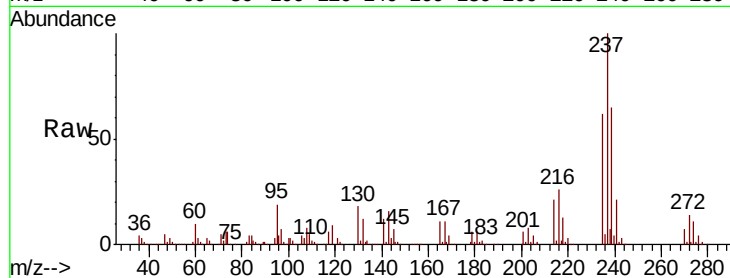




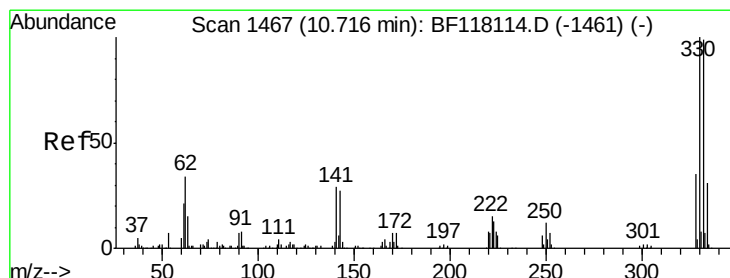
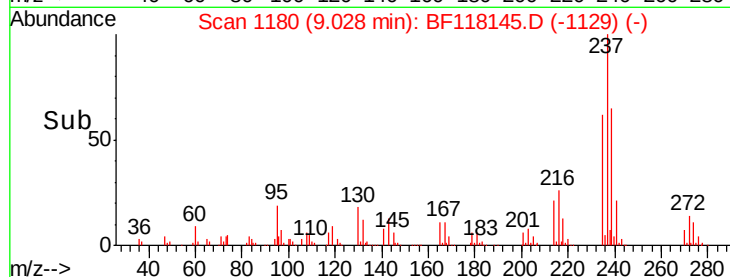
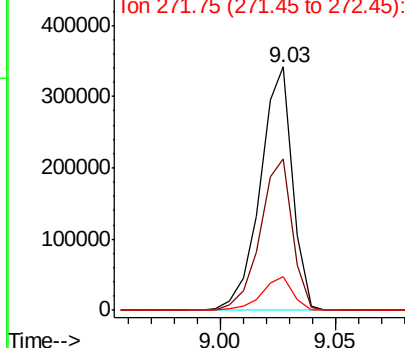
#41
Hexachlorocyclopentadiene
Concen: 49.070 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 331409
Ion Ratio Lower Upper
237 100
235 62.1 41.5 81.5
272 13.6 0.0 33.7

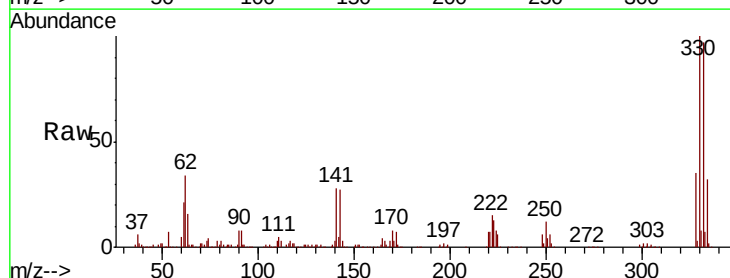


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

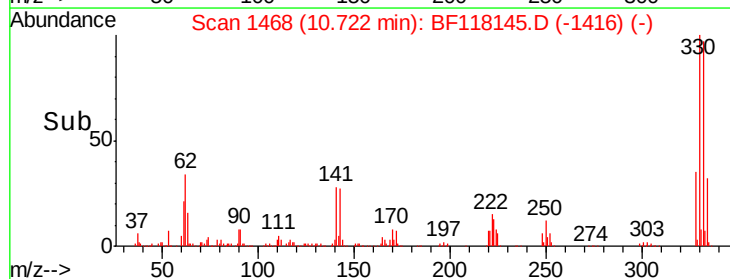
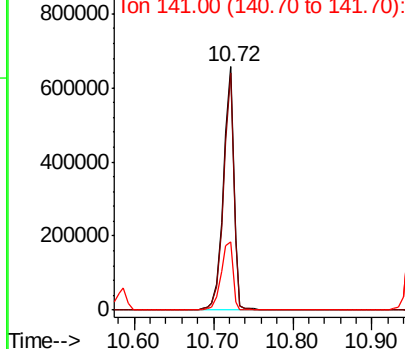


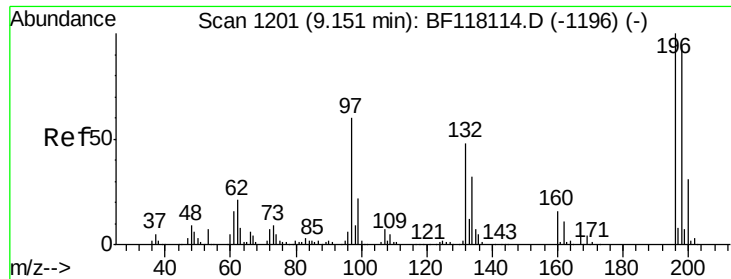
#42
2,4,6-Tribromophenol
Concen: 99.933 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:330 Resp: 604074
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 31.7 26.9 40.3



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

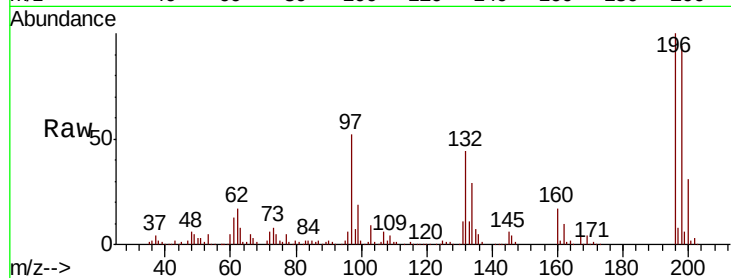




#43
 2,4,6-Trichlorophenol
 Concen: 35.143 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	353695
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.0	112.4
200	31.4	24.5	36.7

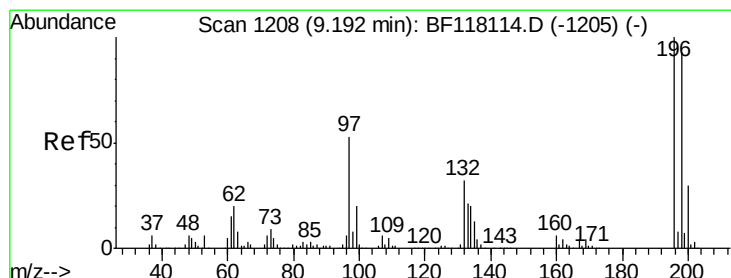
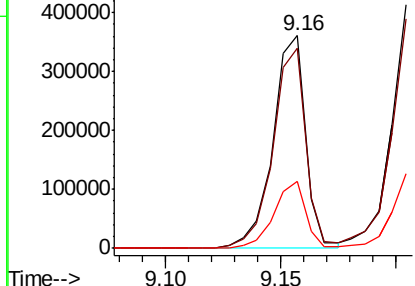
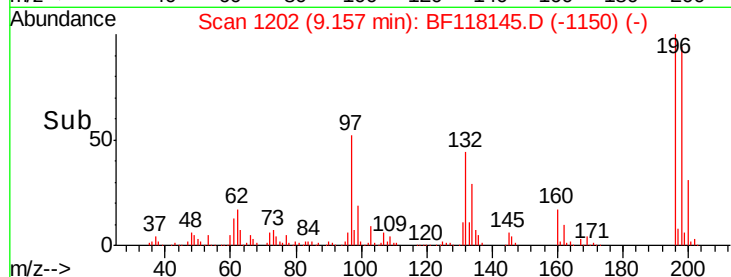


Abundance

Ion 196.00 (195.70 to 196.70): E

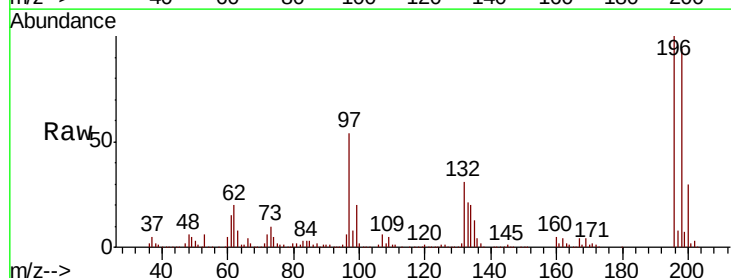
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.711 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion	196	Resp	372365
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.2	111.4
97	53.5	42.5	63.7
132	30.5	25.4	38.2



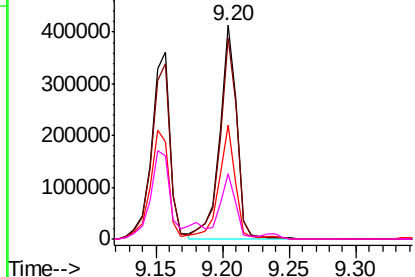
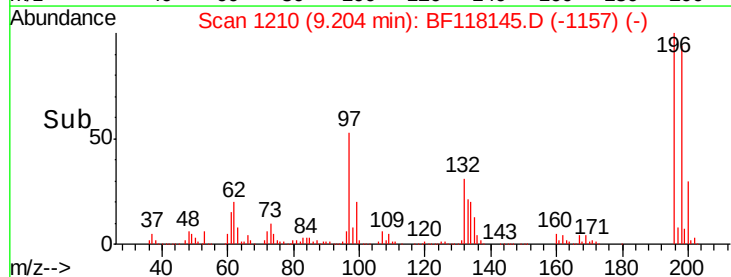
Abundance

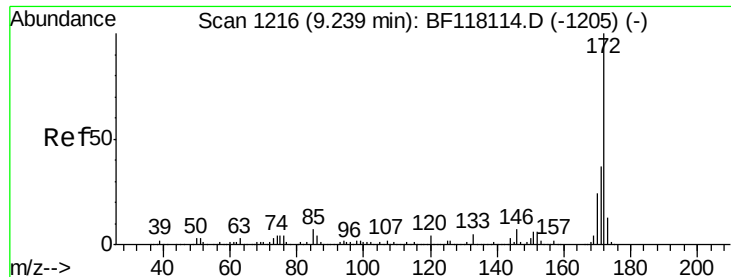
Ion 196.00 (195.70 to 196.70): E

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

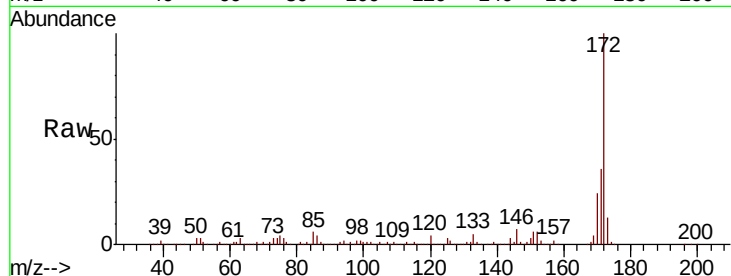




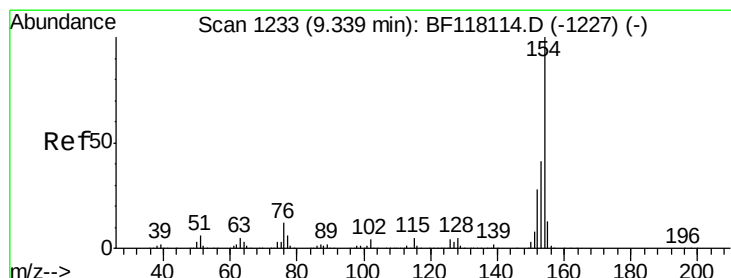
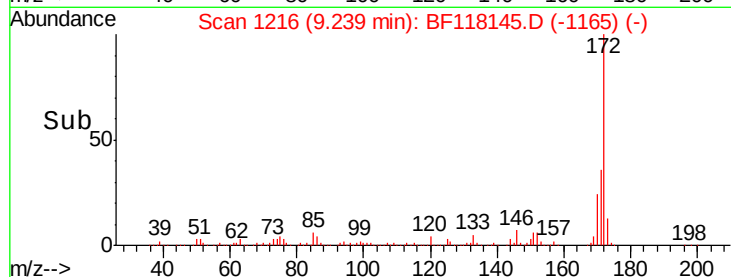
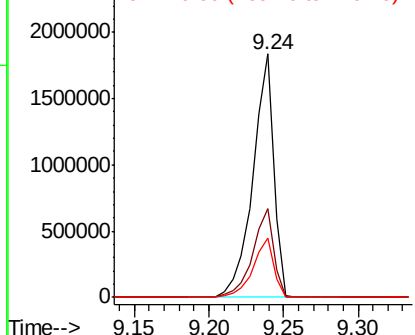
#45
2-Fluorobiphenyl
Concen: 54.113 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1769527
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.2 19.4 29.2

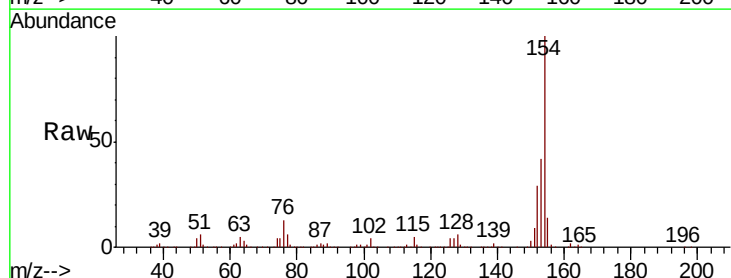


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

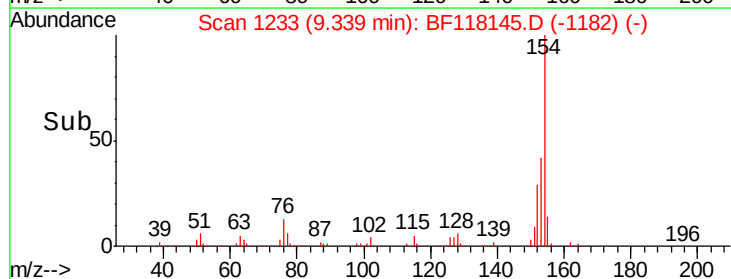
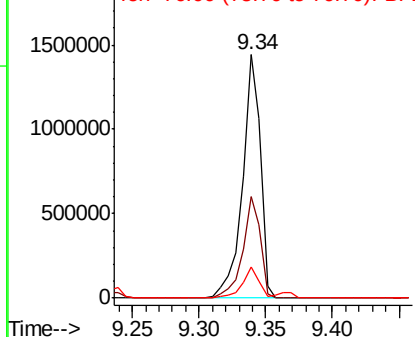


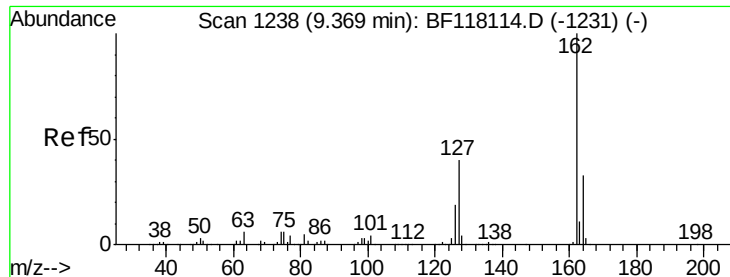
#46
1,1'-Biphenyl
Concen: 34.088 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:154 Resp: 1337770
Ion Ratio Lower Upper
154 100
153 41.7 20.7 60.7
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

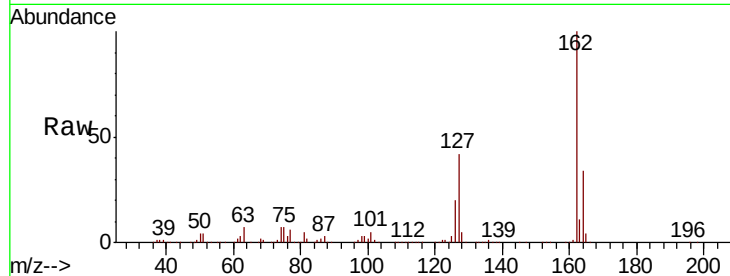




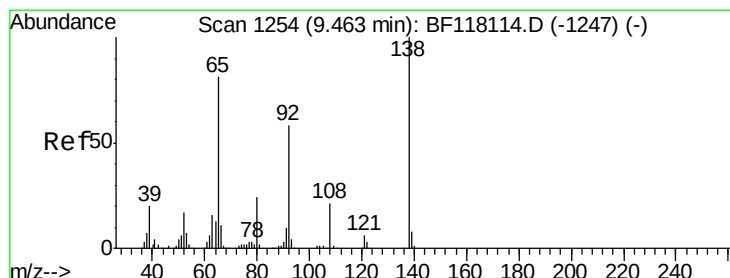
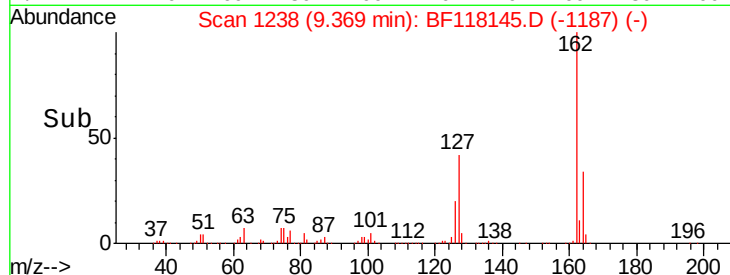
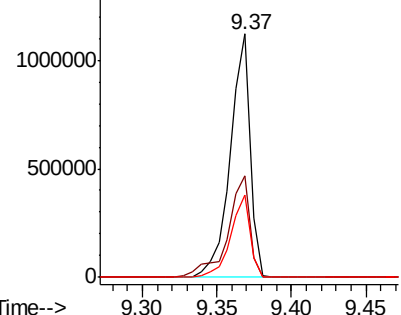
#47
 2-Chloronaphthalene
 Concen: 32.805 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1035602
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.0 48.0
 164 33.7 26.1 39.1

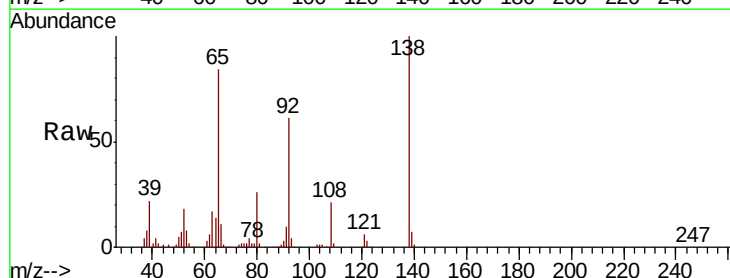


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

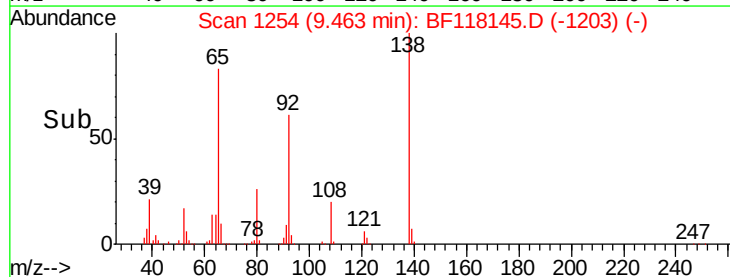
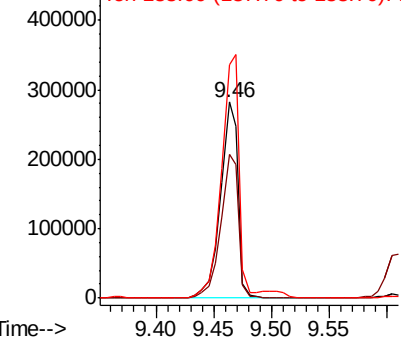


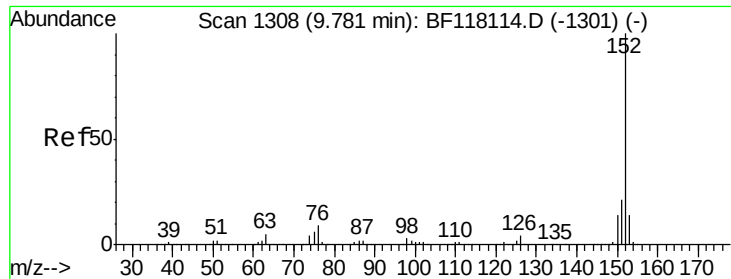
#48
 2-Nitroaniline
 Concen: 32.945 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion: 65 Resp: 296588
 Ion Ratio Lower Upper
 65 100
 92 73.2 57.8 86.6
 138 119.2 98.8 148.2



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





#49

Acenaphthylene

Concen: 34.087 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

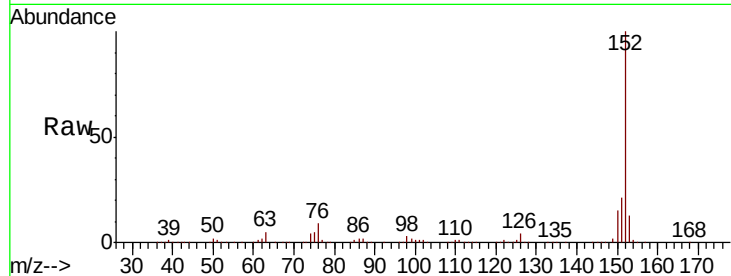
Tot Ion:152 Resp: 1587138

Ion Ratio Lower Upper

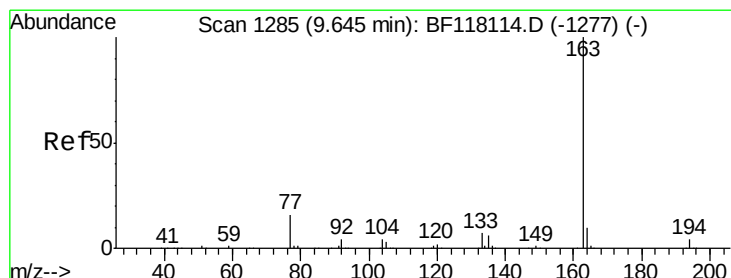
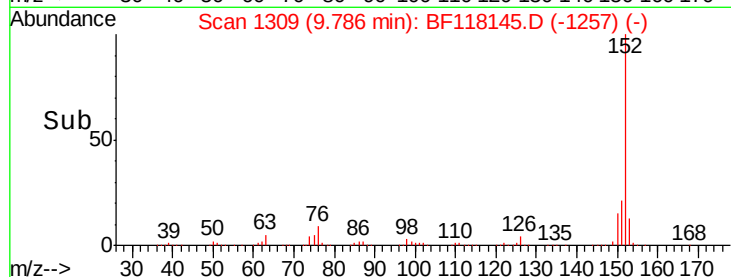
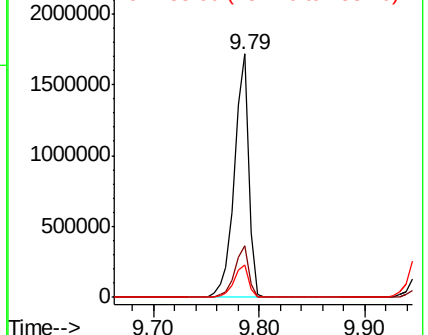
152 100

151 21.0 16.4 24.6

153 13.5 10.8 16.2



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



#50

Dimethylphthalate

Concen: 34.371 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

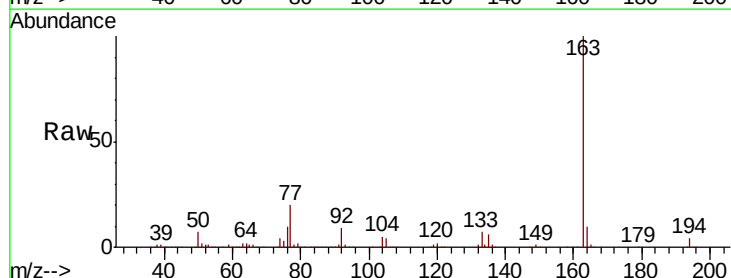
Tgt Ion:163 Resp: 1263256

Ion Ratio Lower Upper

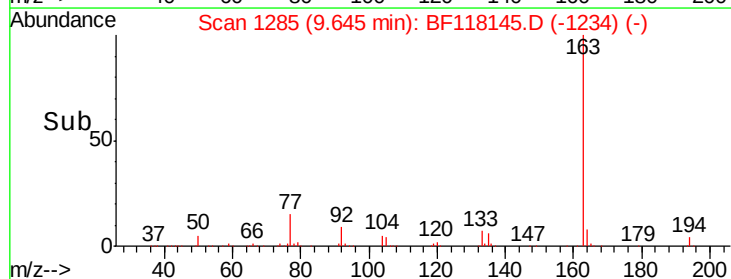
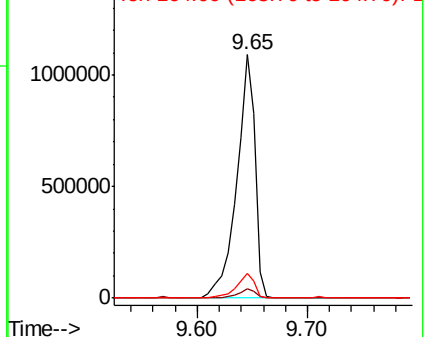
163 100

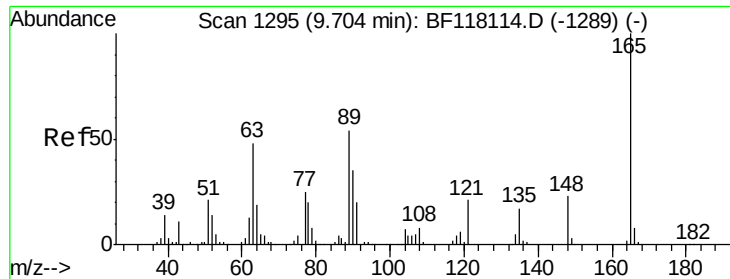
194 3.9 3.1 4.7

164 10.1 7.7 11.5



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

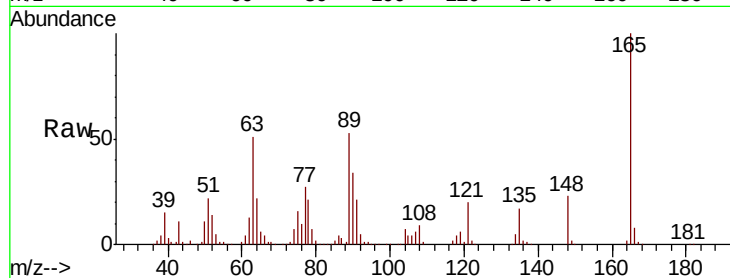




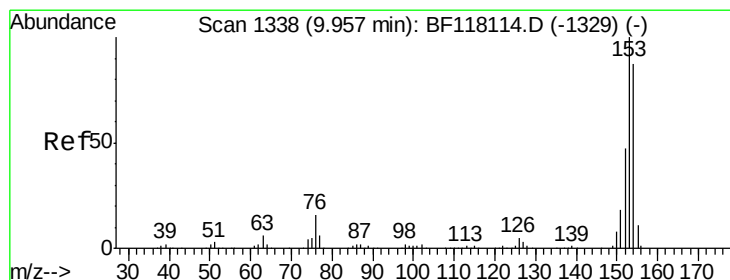
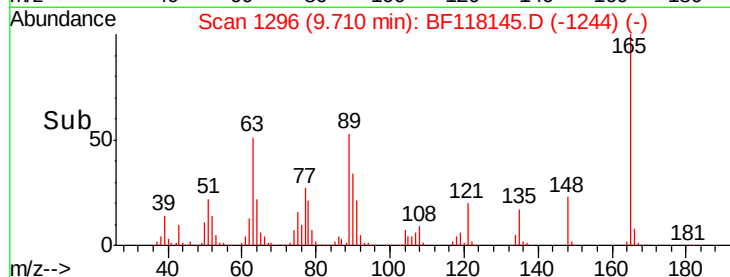
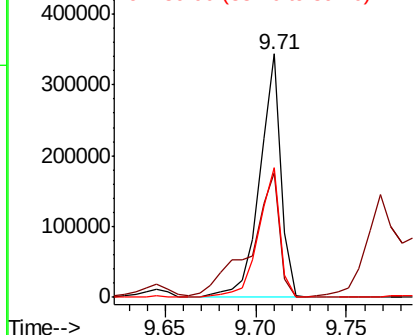
#51
2,6-Dinitrotoluene
Concen: 34.941 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	41.4	62.0
89	53.0	42.9	64.3

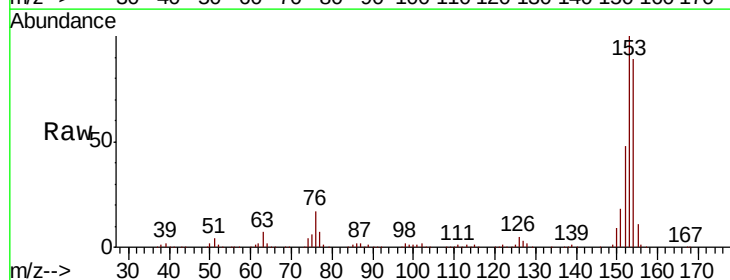


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

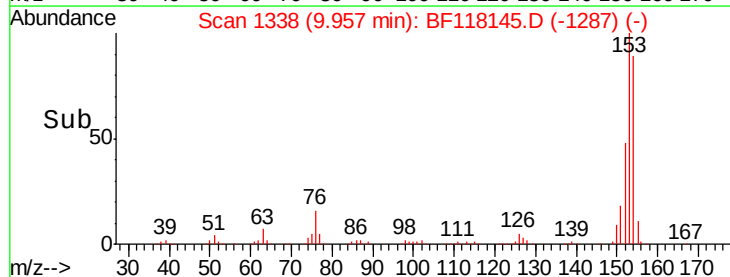
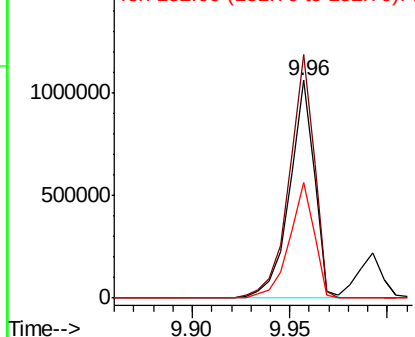


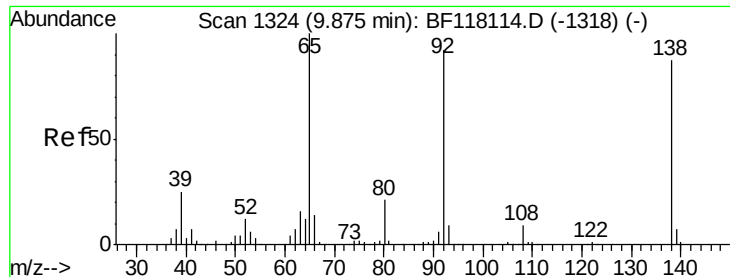
#52
Acenaphthene
Concen: 33.041 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.8	137.6
152	53.4	43.3	64.9



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

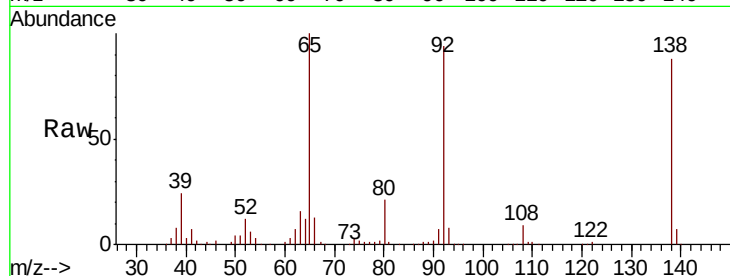




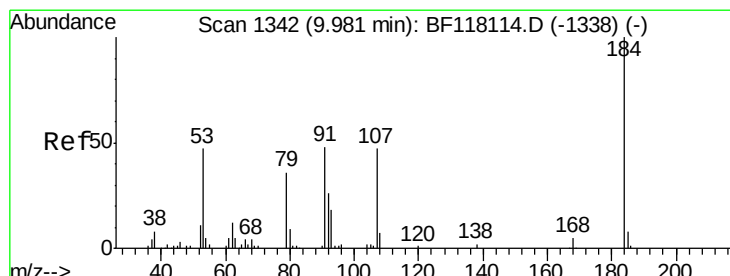
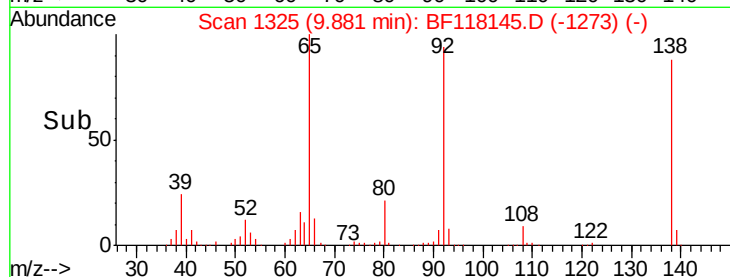
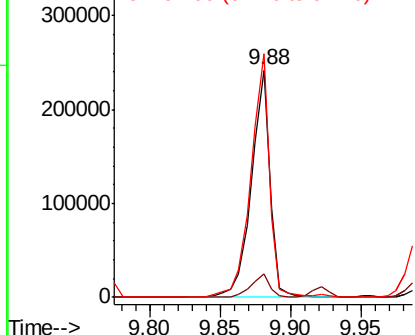
#53
3-Nitroaniline
Concen: 24.021 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 225924
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 107.2 84.9 127.3

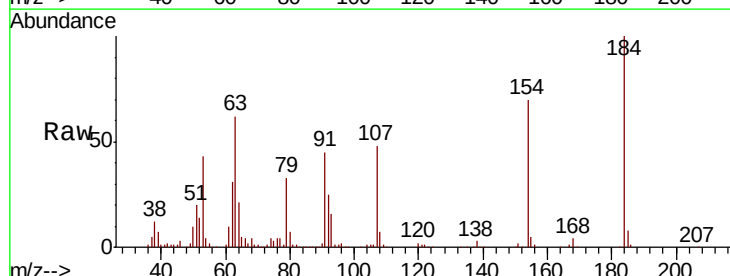


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

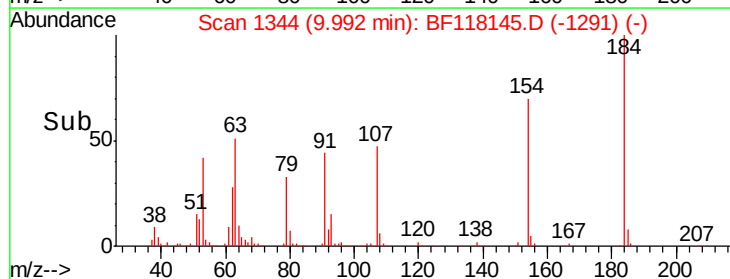
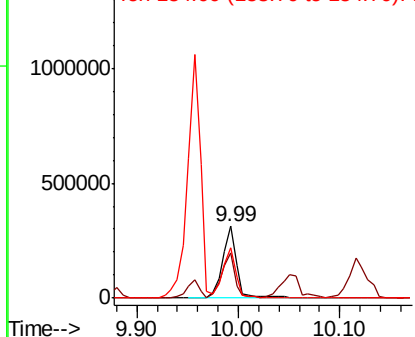


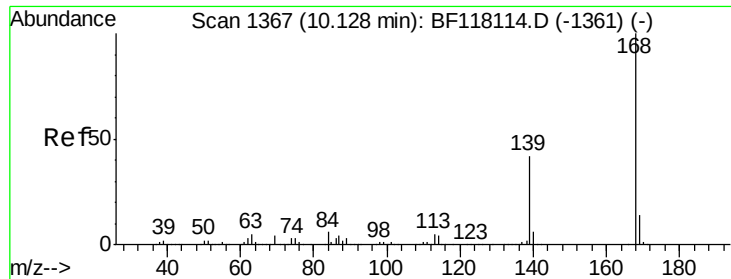
#54
2,4-Dinitrophenol
Concen: 75.463 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:184 Resp: 300049
Ion Ratio Lower Upper
184 100
63 62.1 53.9 80.9
154 70.1 56.3 84.5



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

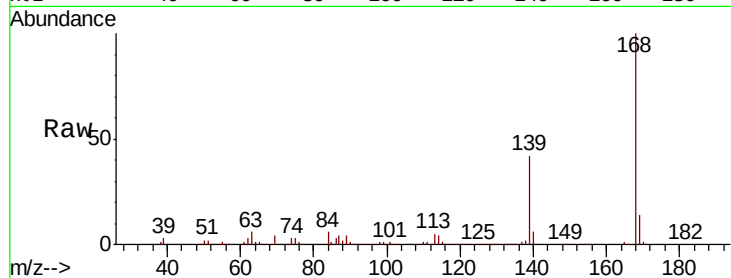




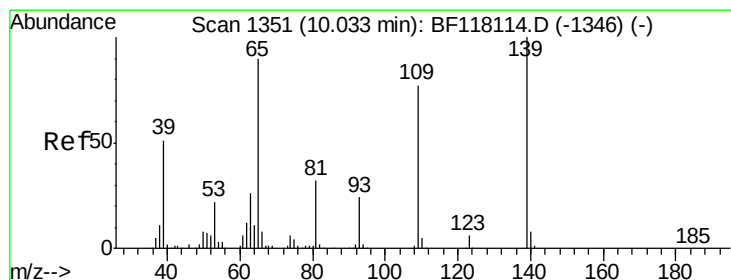
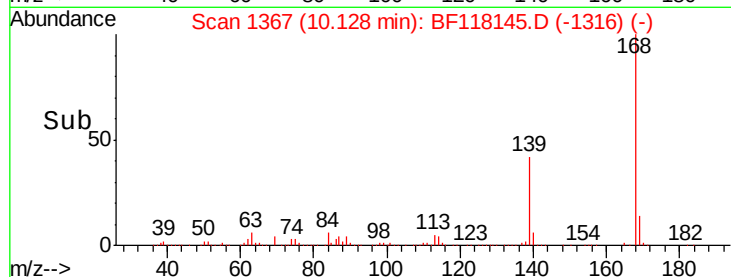
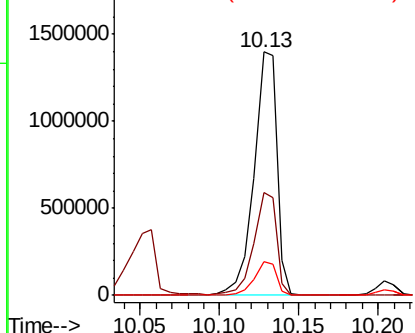
#55
Dibenzofuran
Concen: 33.985 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1415213
Ion Ratio Lower Upper
168 100
139 42.3 33.4 50.0
169 13.8 11.0 16.6

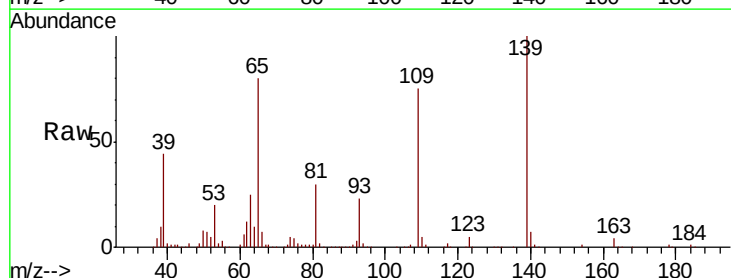


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

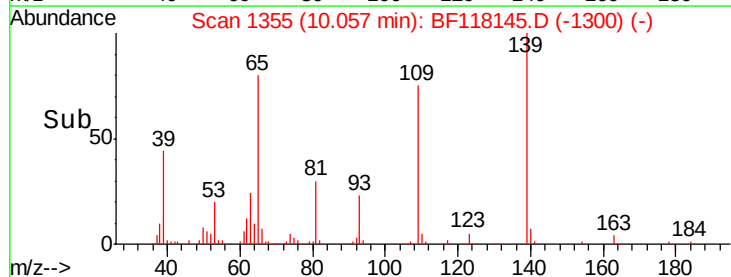
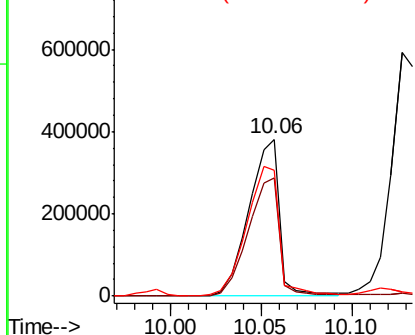


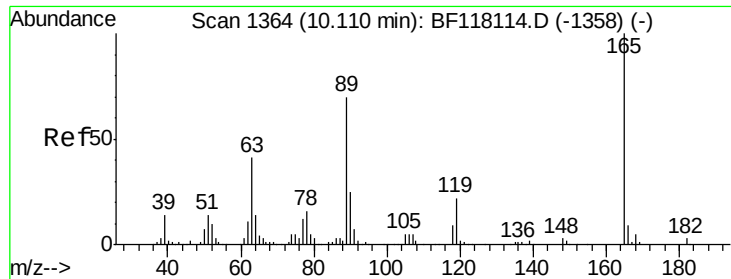
#56
4-Nitrophenol
Concen: 68.852 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:139 Resp: 449406
Ion Ratio Lower Upper
139 100
109 75.1 57.3 97.3
65 80.3 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 34.697 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 370116

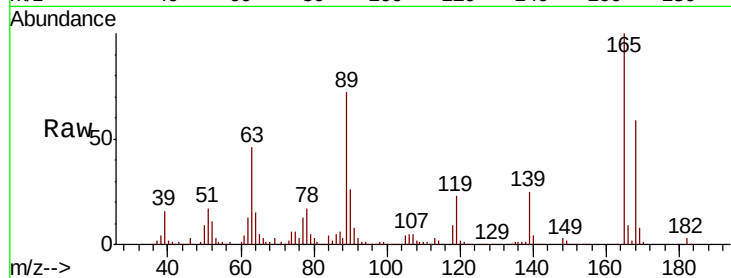
Ion Ratio Lower Upper

165 100

63 46.4 32.6 49.0

89 72.5 56.1 84.1

182 3.1 2.1 3.1

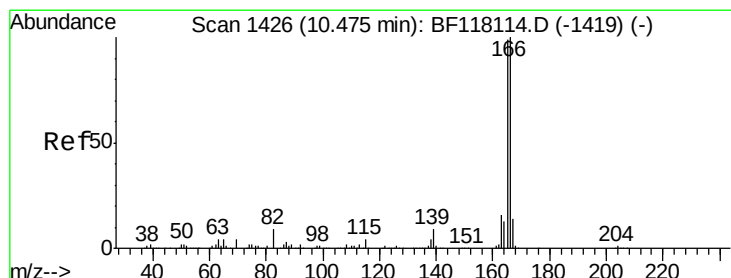
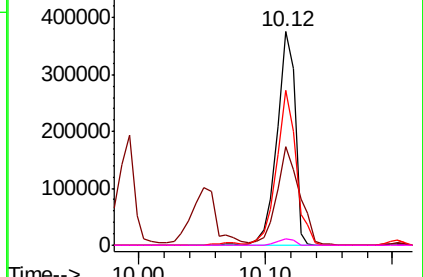
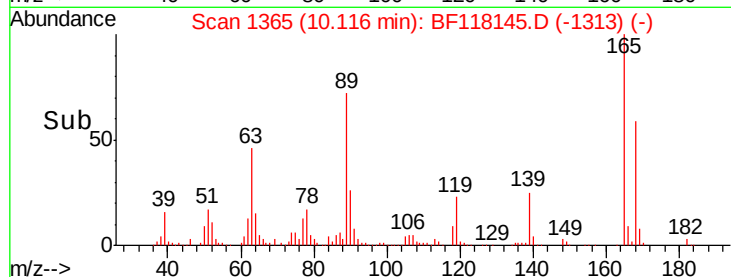


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 33.666 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

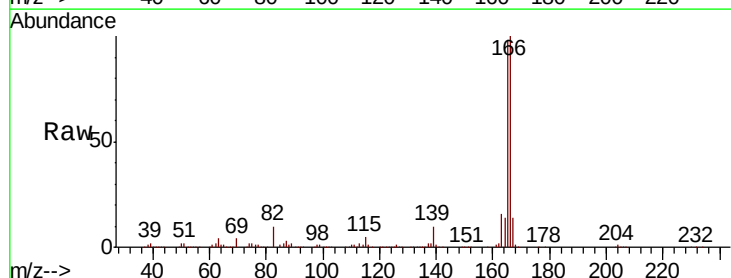
Tgt Ion:166 Resp: 1114111

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.4

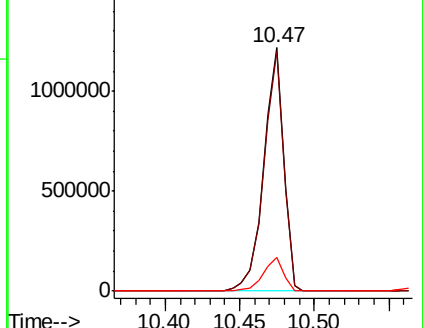
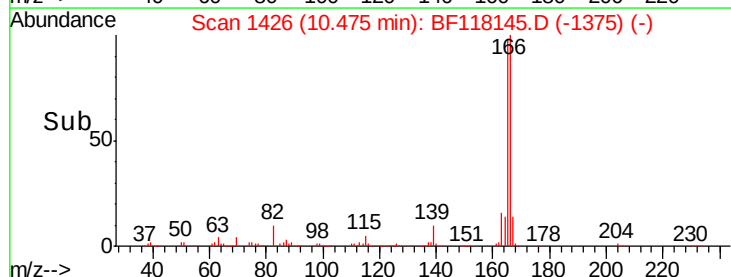
167 13.7 10.9 16.3

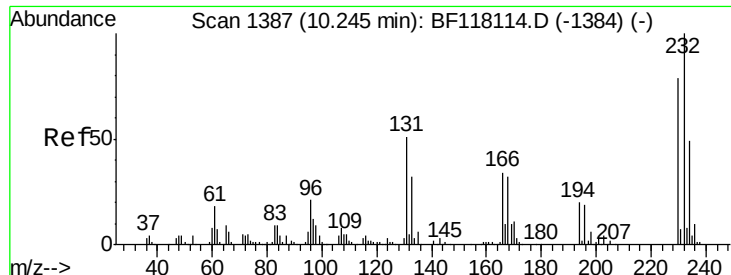


Abundance Ion 166.00 (165.70 to 166.70): E

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: 35.794 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 307921

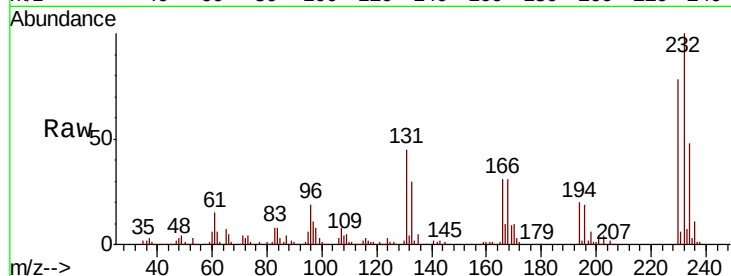
Ion Ratio Lower Upper

232 100

131 49.9 38.8 58.2

130 2.4 1.9 2.9

166 32.2 25.4 38.0

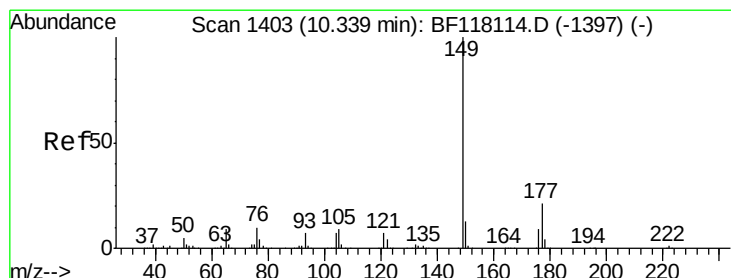
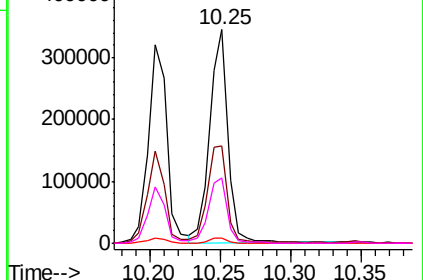
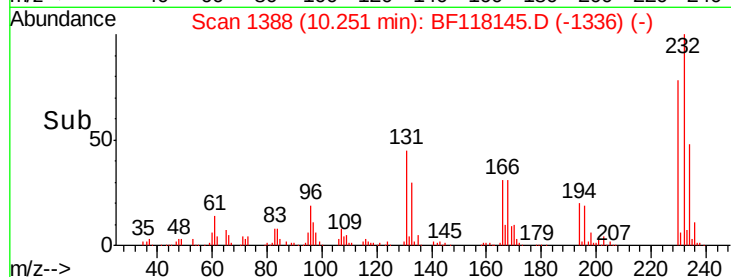


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.567 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

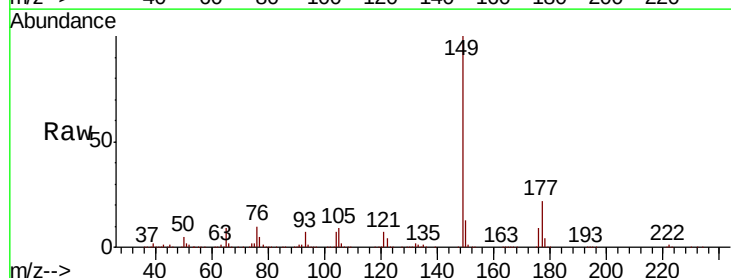
Tgt Ion:149 Resp: 1251736

Ion Ratio Lower Upper

149 100

177 21.8 17.0 25.4

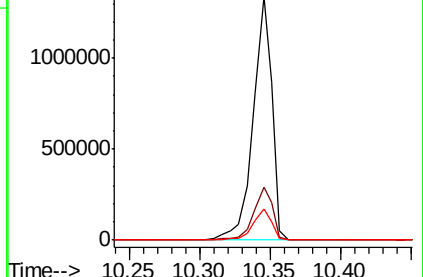
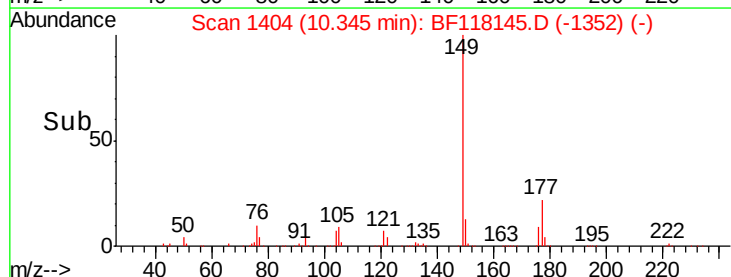
150 12.9 10.1 15.1

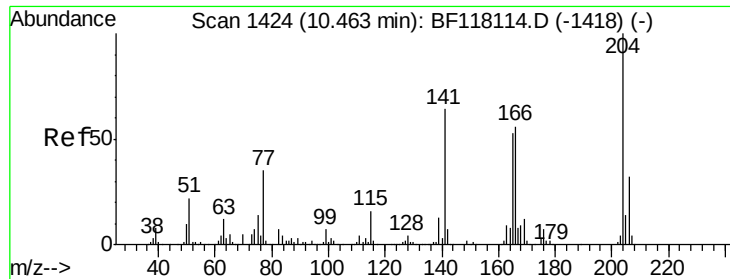


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

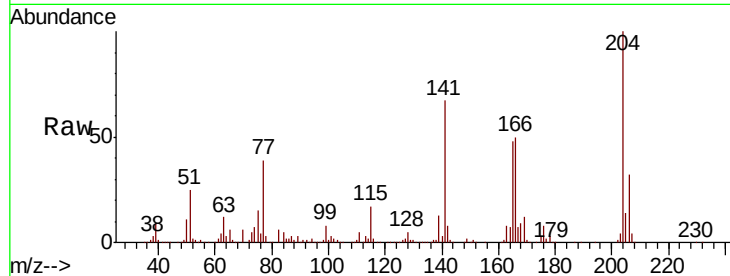




#61
4-Chlorophenyl-phenylether
Concen: 33.529 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	67.0	51.0	76.6

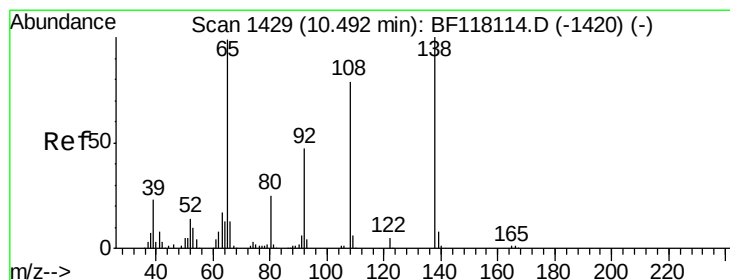
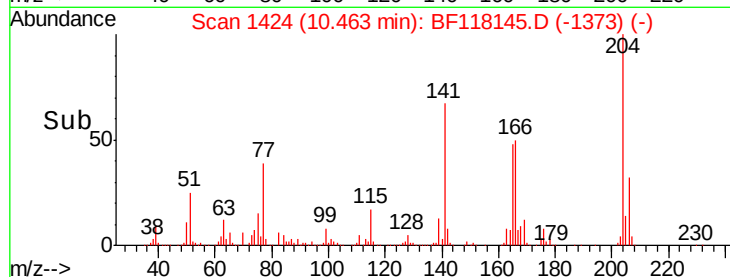
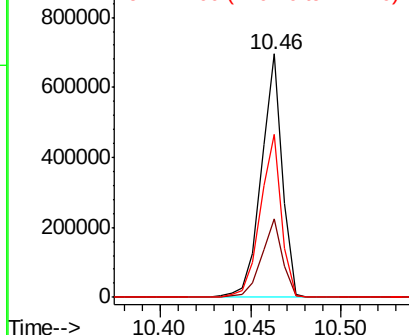


Abundance

Ion 204.00 (203.70 to 204.70): E

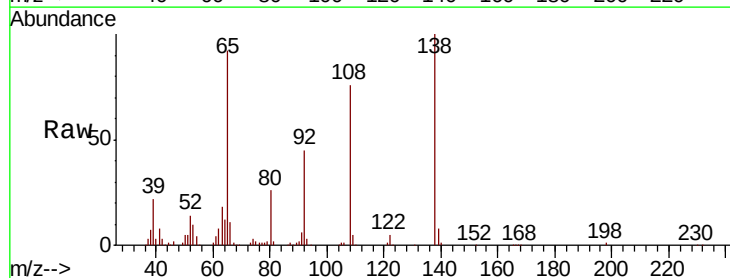
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.010 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	27.1	67.1
108	75.9	59.0	99.0

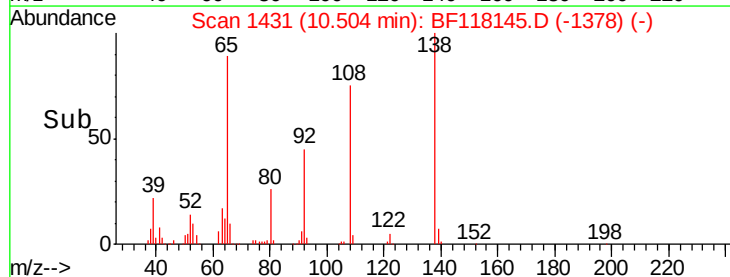
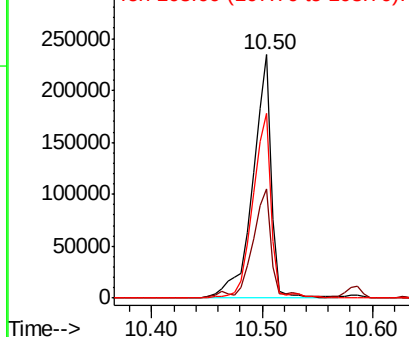


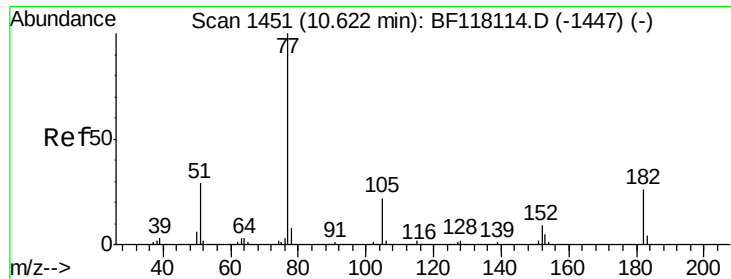
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.324 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1061048

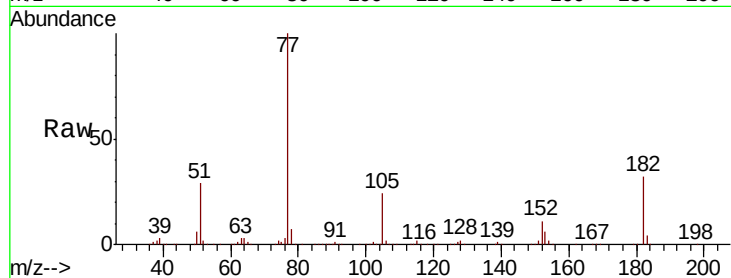
Ion Ratio Lower Upper

77 100

182 31.5 5.7 45.7

105 23.7 2.2 42.2

51 28.8 9.6 49.6

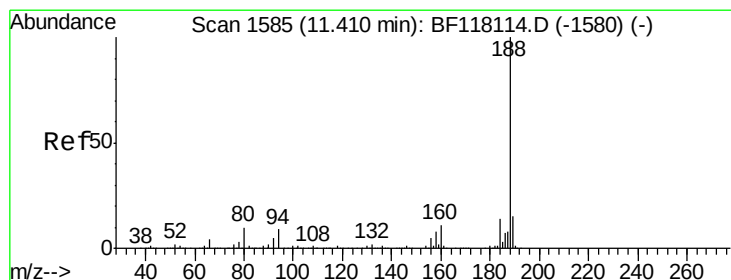
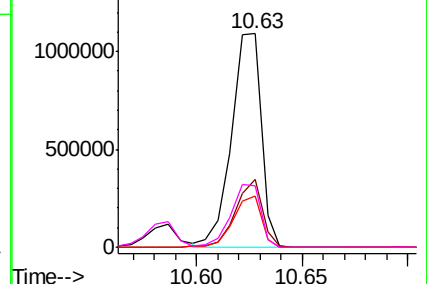
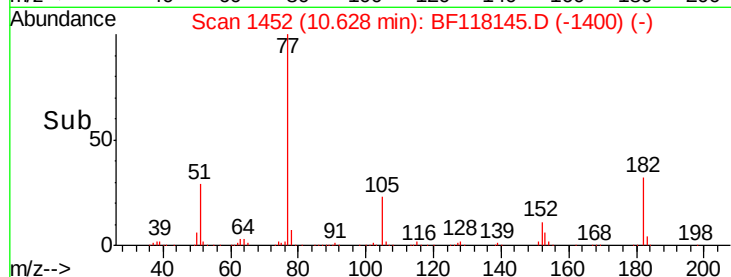


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

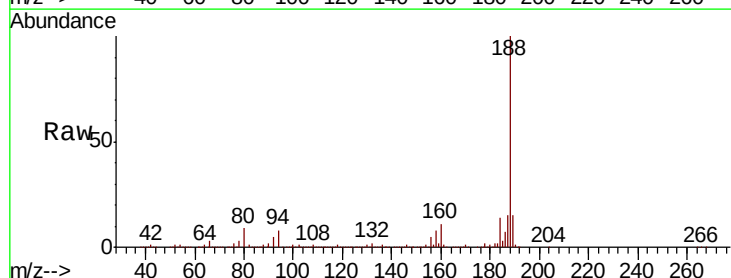
Tgt Ion: 188 Resp: 898577

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

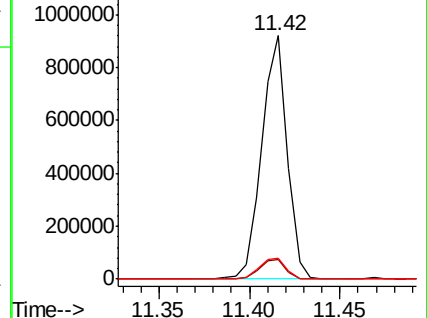
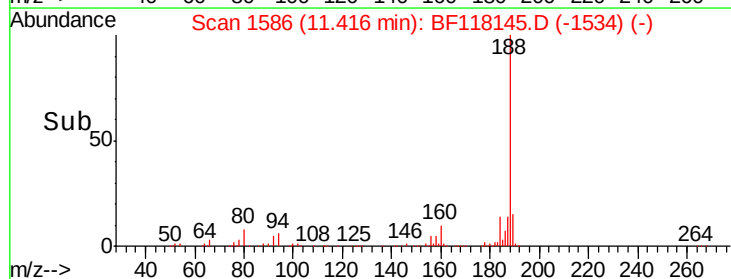
80 8.7 7.9 11.9

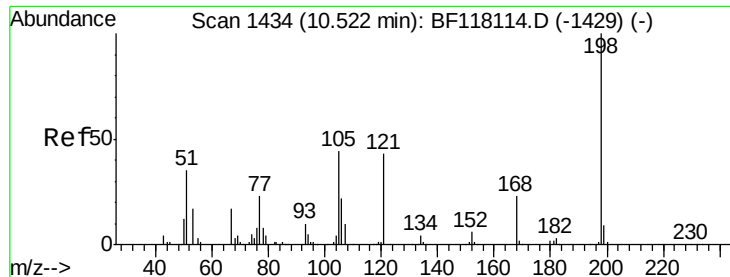


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

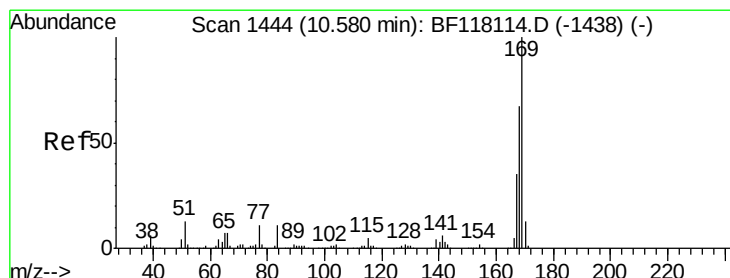
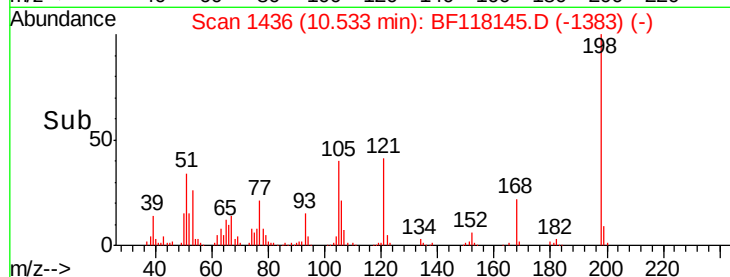
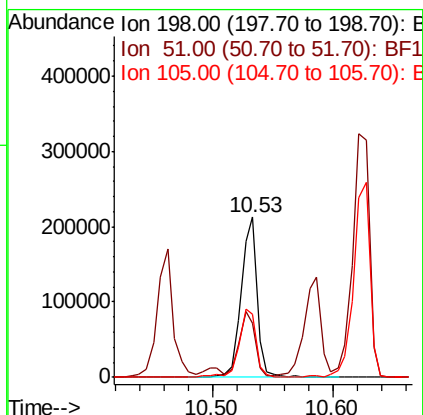
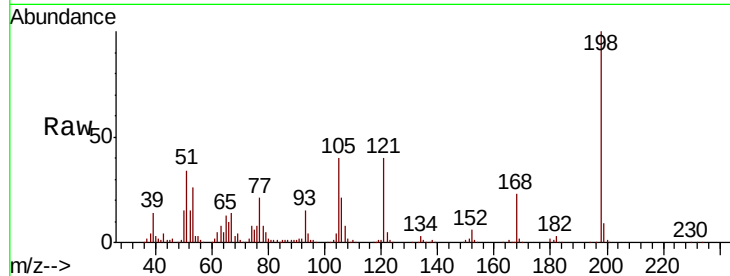




#65
4,6-Dinitro-2-methylphenol
Concen: 39.685 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

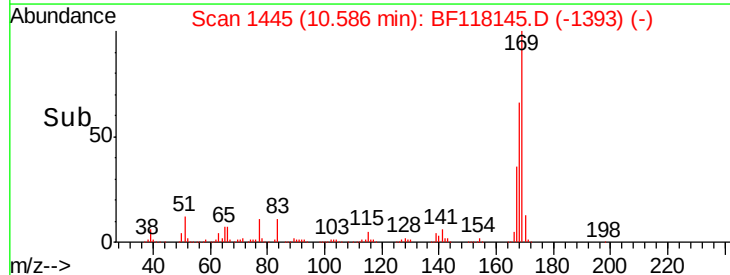
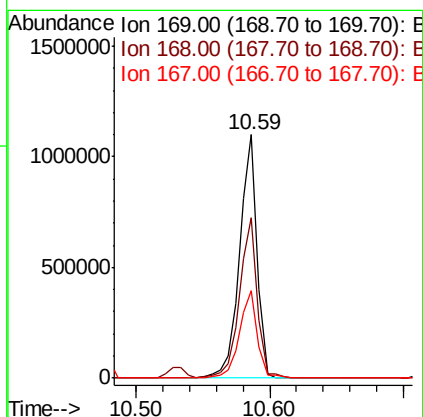
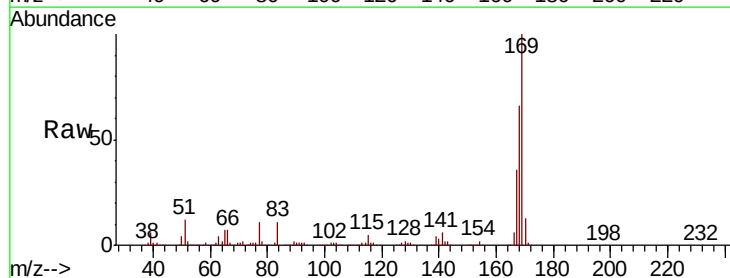
Instrument :
BNA_F
ClientSampled :

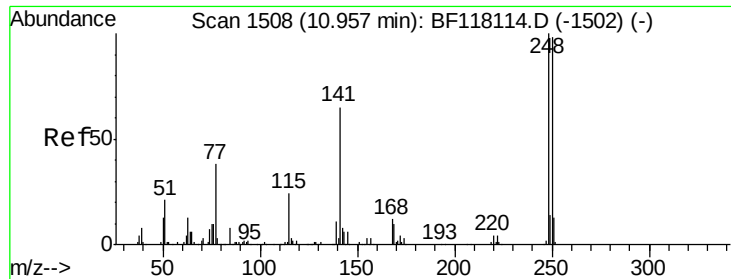
Tot Ion:198 Resp: 196933
Ion Ratio Lower Upper
198 100
51 34.2 22.0 62.0
105 39.5 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 35.756 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:169 Resp: 1003363
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 36.0 28.4 42.6

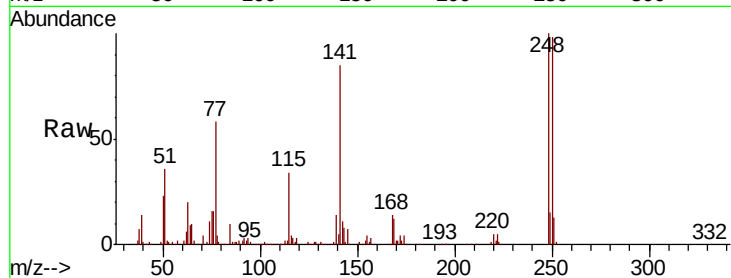




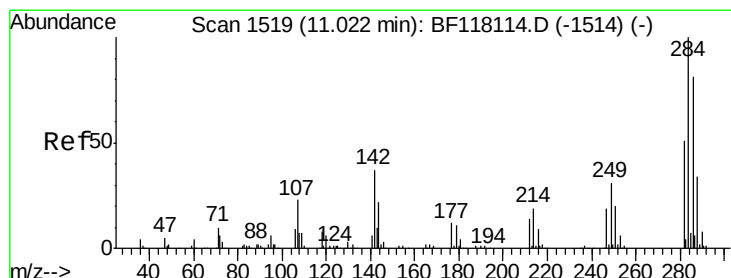
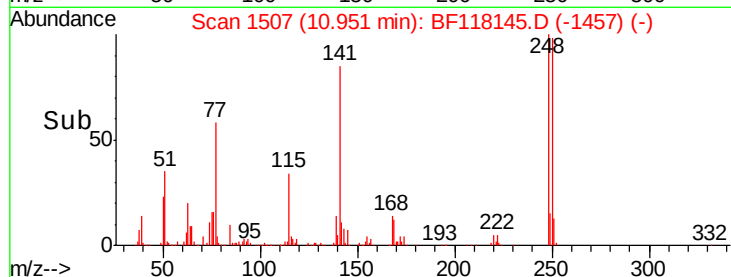
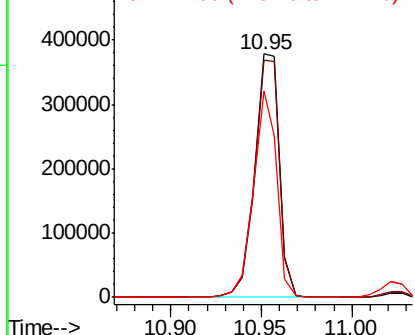
#67
4-Bromophenyl-phenylether
Concen: 35.003 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 359040
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 84.6 52.2 78.4#

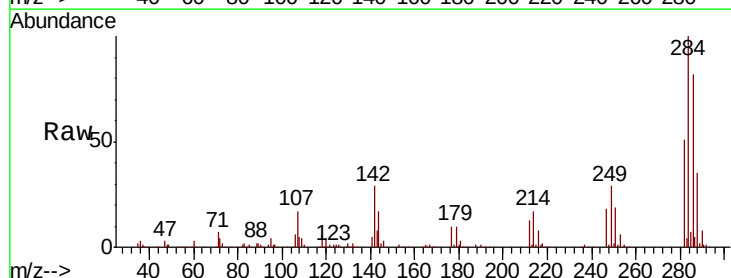


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

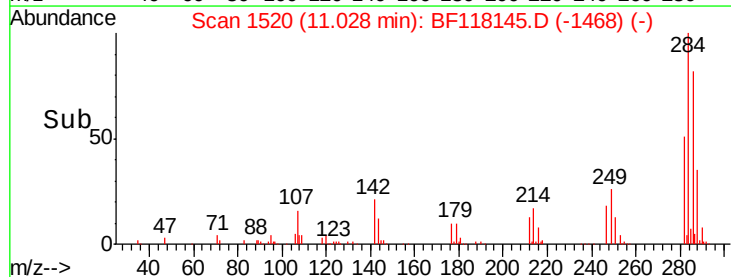
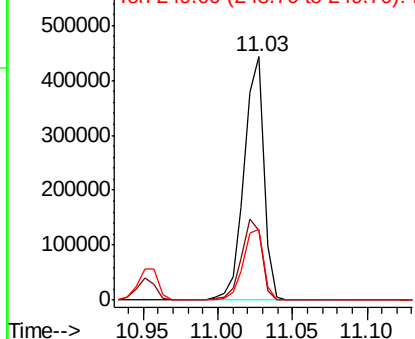


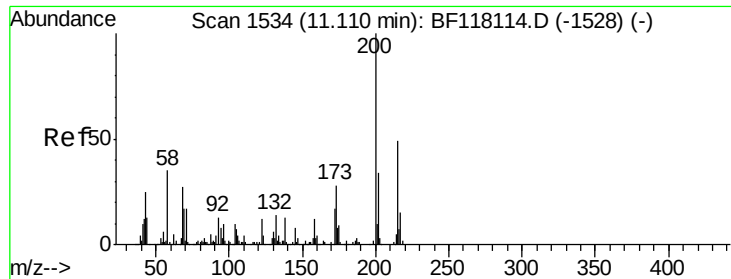
#68
Hexachlorobenzene
Concen: 33.736 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:284 Resp: 407299
Ion Ratio Lower Upper
284 100
142 28.7 29.7 44.5#
249 29.2 24.6 37.0



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

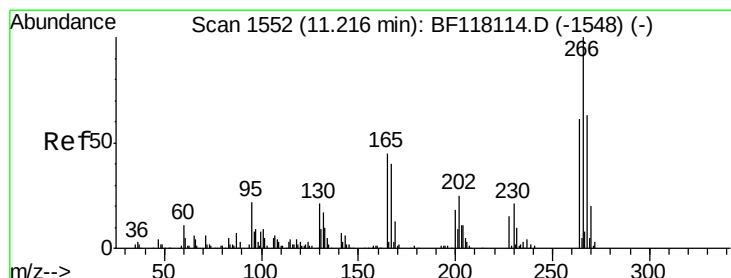
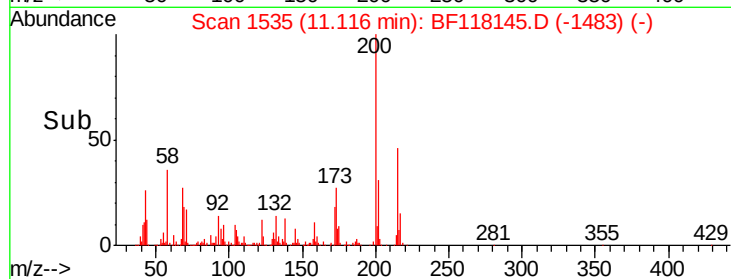
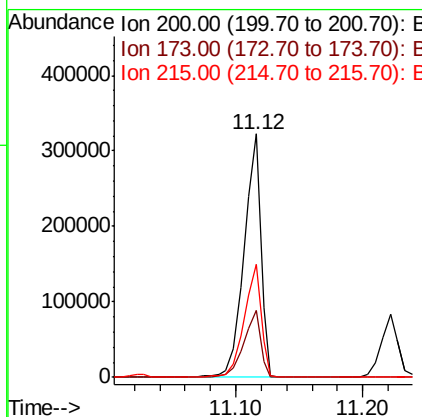
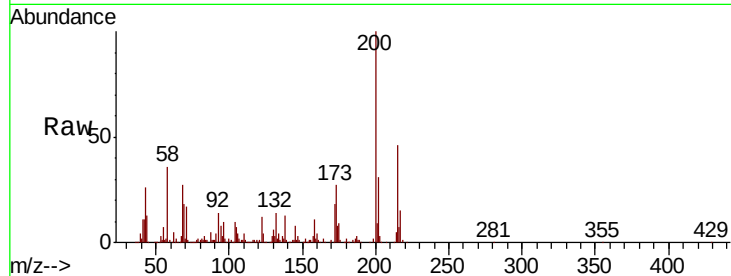




#69
Atrazine
Concen: 37.196 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

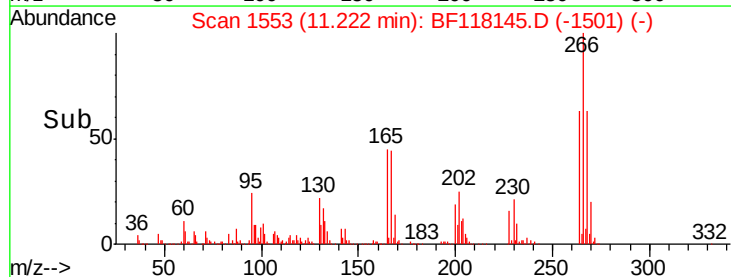
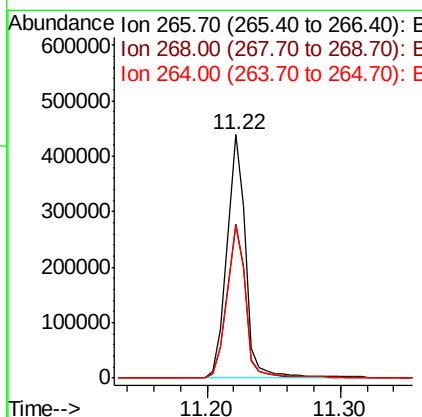
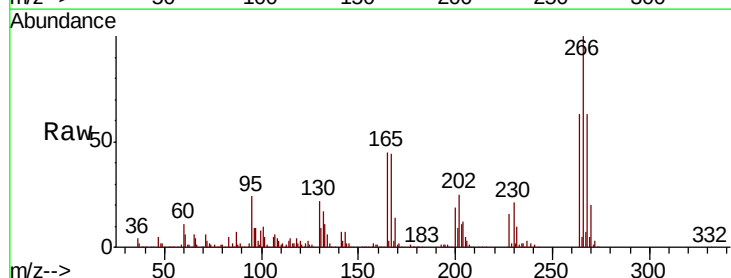
Instrument :
BNA_F
ClientSampleId :

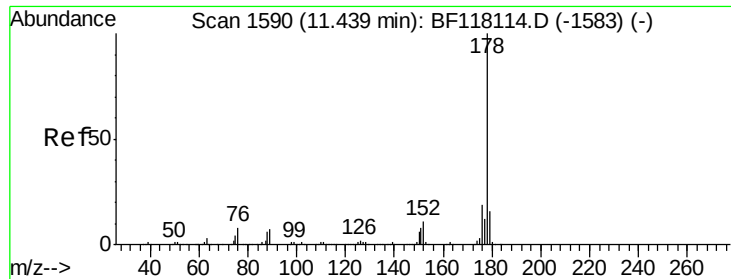
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.1	48.1
215	46.3	29.0	69.0



#70
Pentachlorophenol
Concen: 77.126 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.7	76.1
264	62.9	48.7	73.1

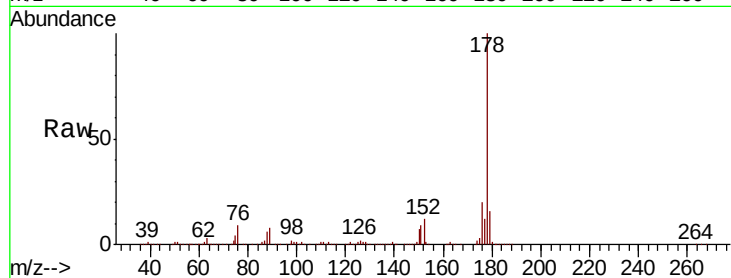




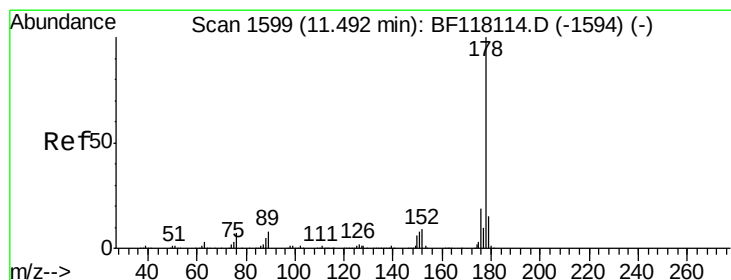
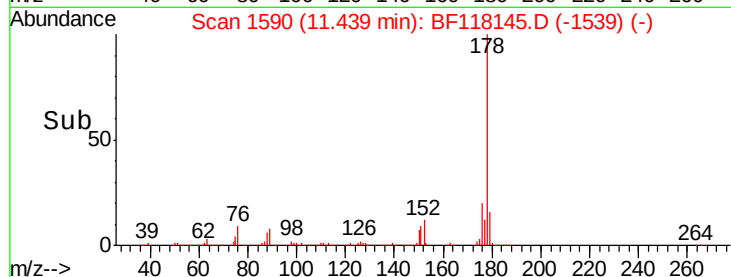
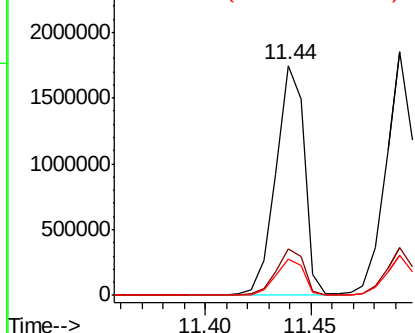
#71
Phenanthrene
Concen: 34.570 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1651297
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.9 12.6 18.8

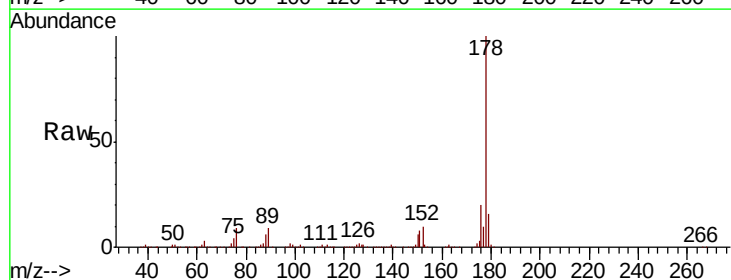


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

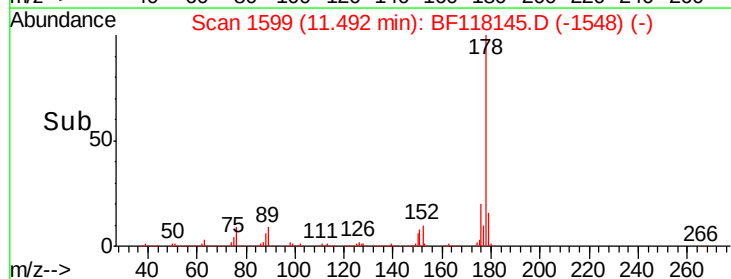
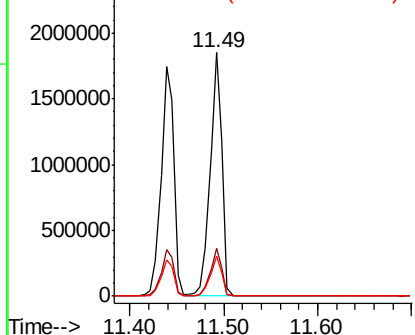


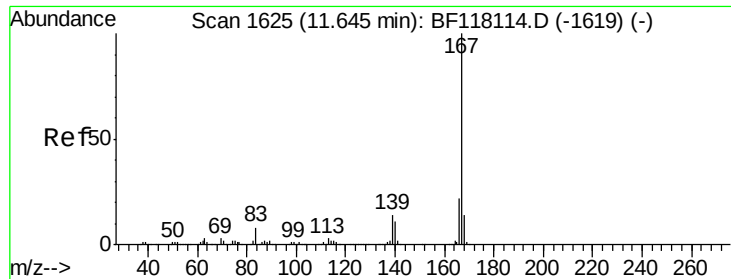
#72
Anthracene
Concen: 34.682 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:178 Resp: 1652645
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

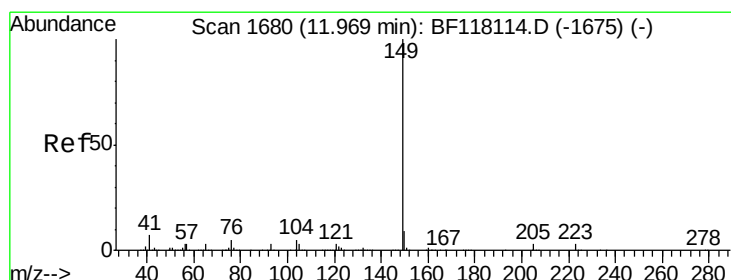
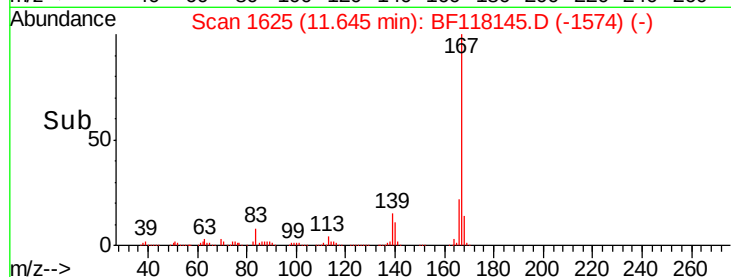
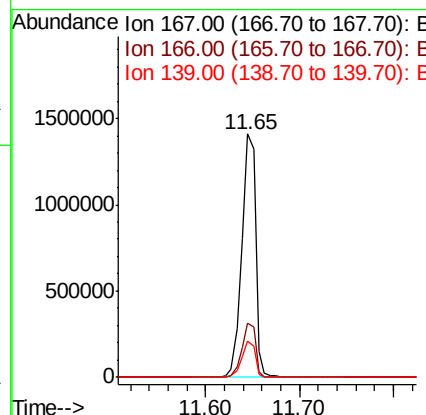
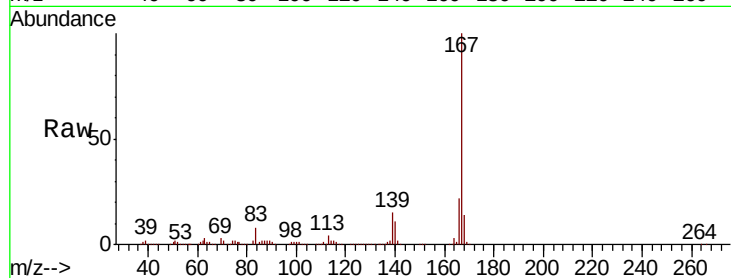




#73
 Carbazole
 Concen: 33.965 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

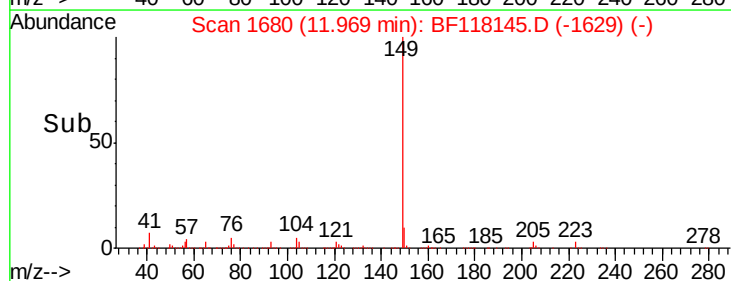
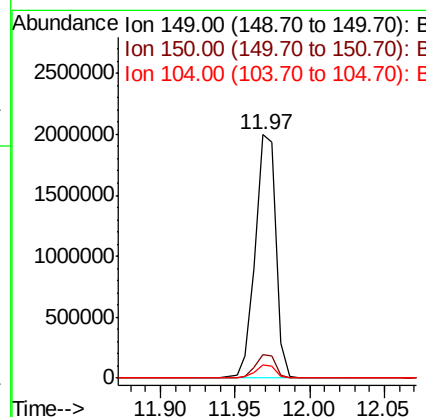
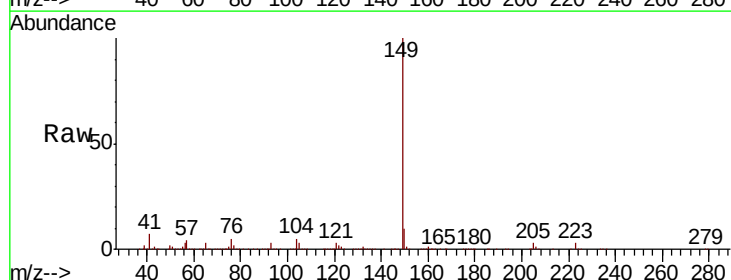
Instrument :
 BNA_F
 ClientSampleId :

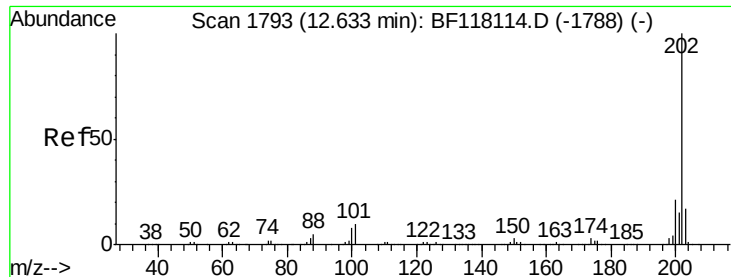
Tot Ion:167 Resp: 1452148
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 14.7 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 35.354 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion:149 Resp: 1891711
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 5.3 4.3 6.5

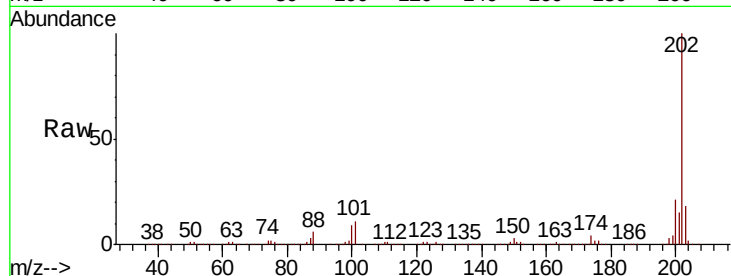




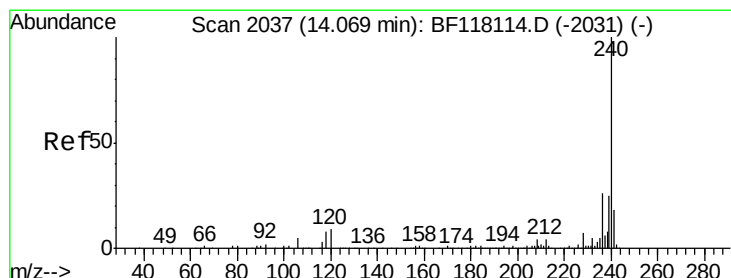
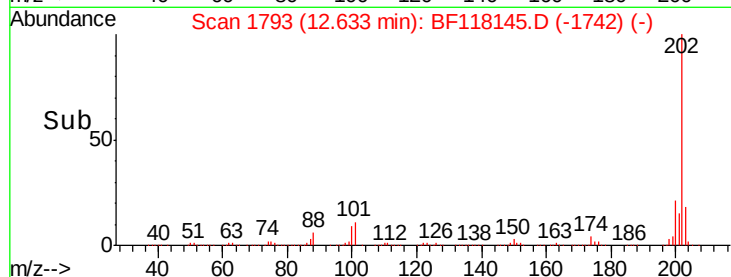
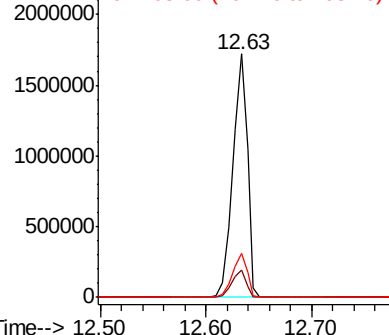
#75
Fluoranthene
Concen: 33.702 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1645939
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.4
203 18.1 0.0 37.2

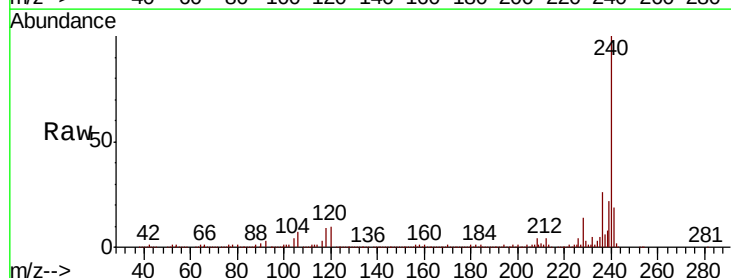


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

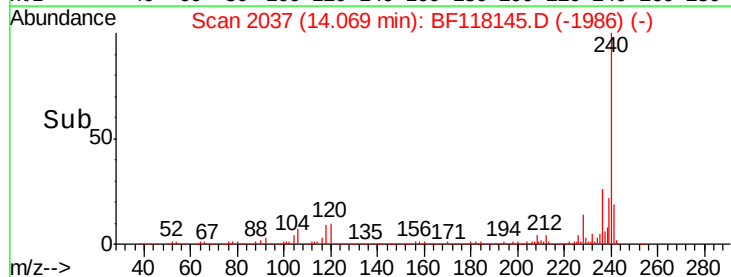
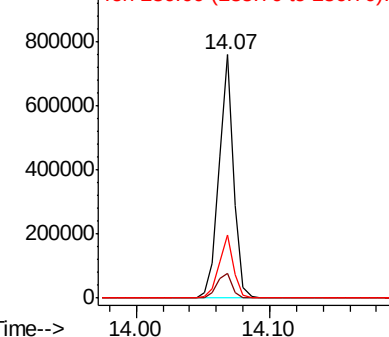


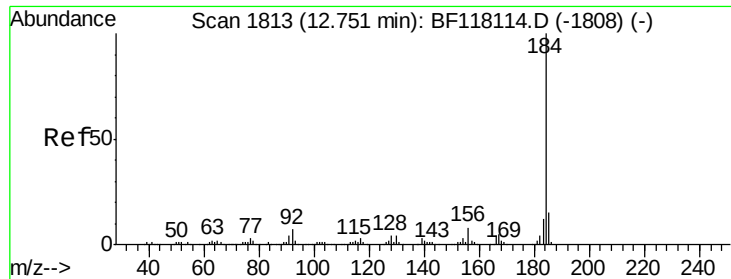
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:240 Resp: 587996
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.1 21.0 31.6



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





#77

Benzidine

Concen: 4.506 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

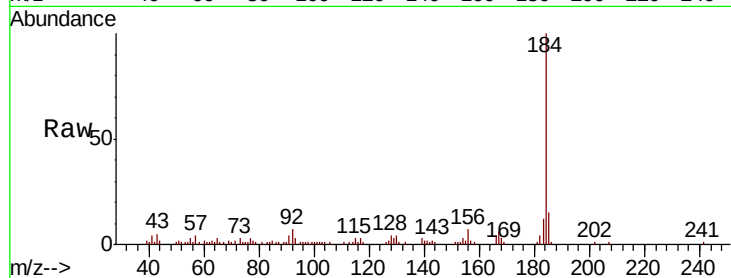
Tot Ion:184 Resp: 69754

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

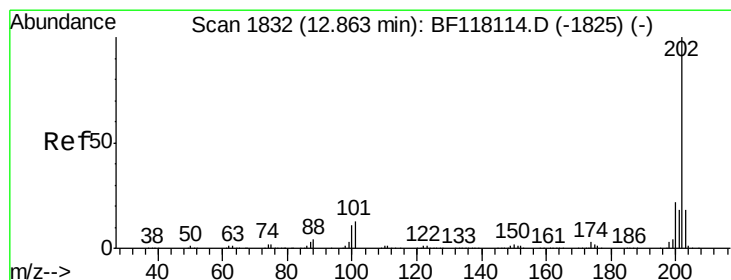
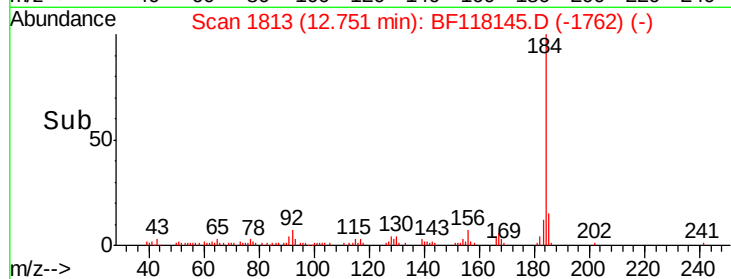
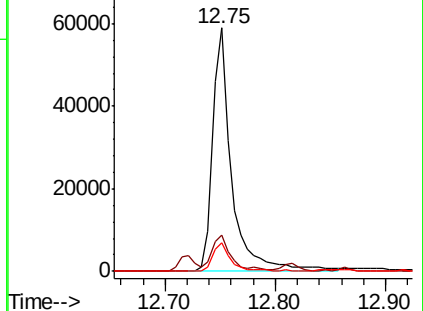
183 11.8 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.038 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

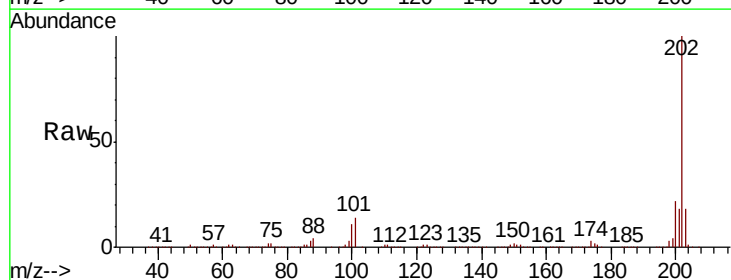
Tgt Ion:202 Resp: 1623551

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

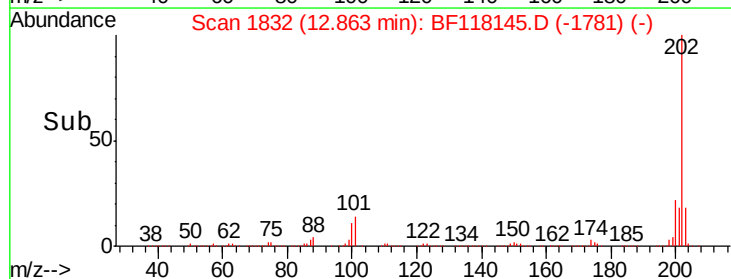
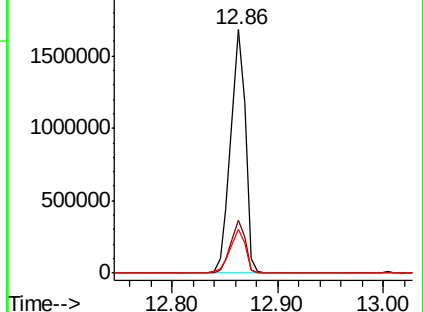
203 18.1 14.6 21.8

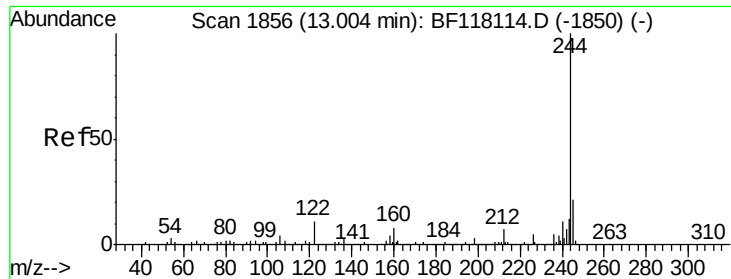


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.694 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampled :

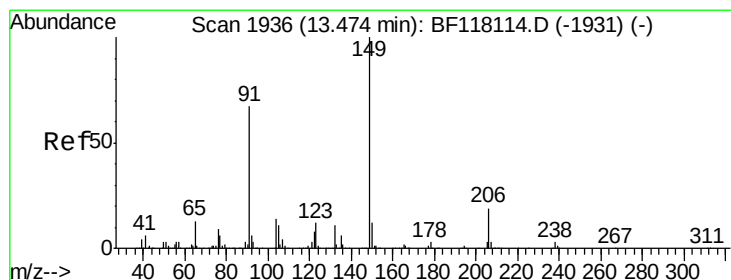
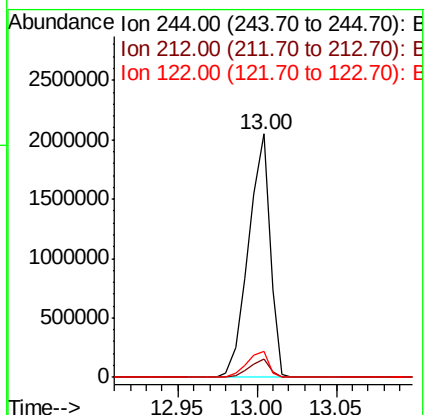
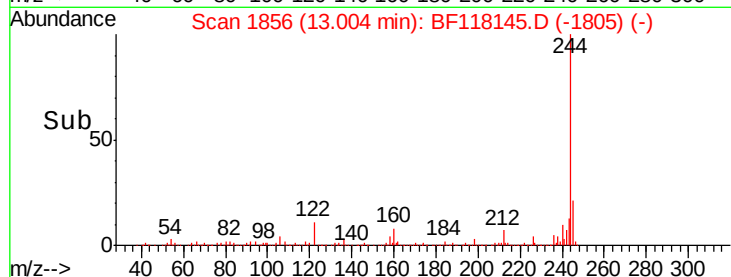
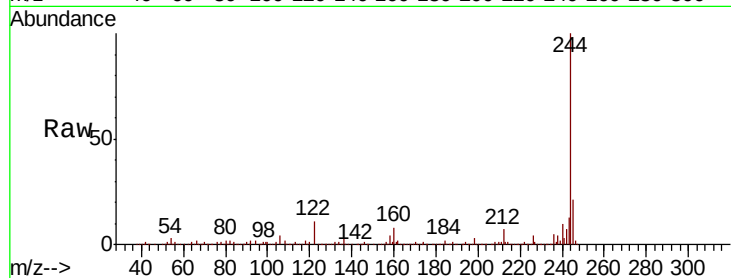
Tot Ion:244 Resp: 1938546

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 35.504 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

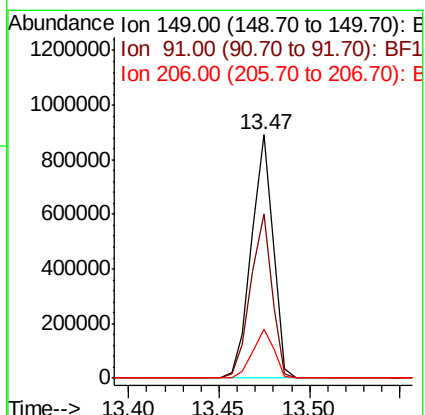
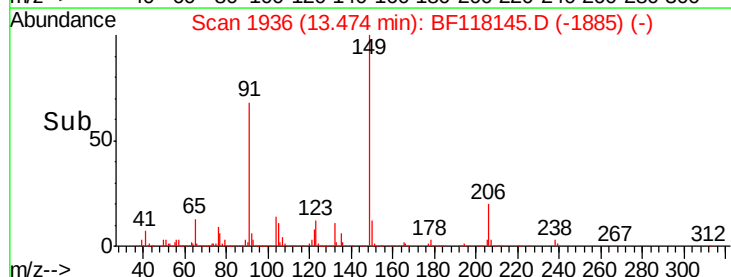
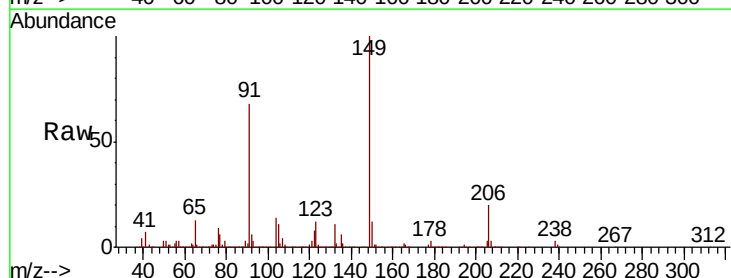
Tgt Ion:149 Resp: 745053

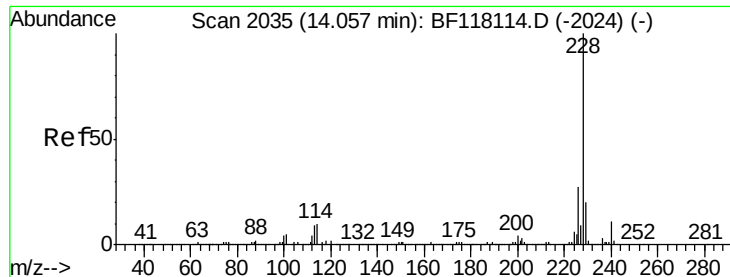
Ion Ratio Lower Upper

149 100

91 67.7 53.9 80.9

206 19.9 15.2 22.8





#81

Benzo(a)anthracene

Concen: 32.842 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

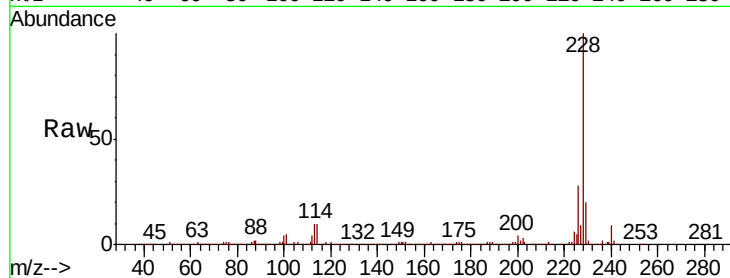
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1335291

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	15.8	23.8

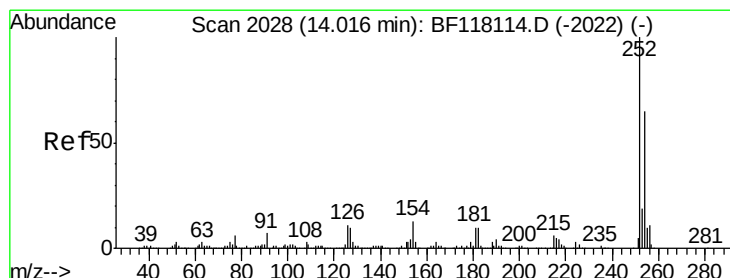
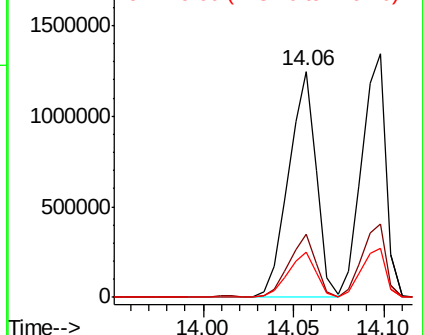
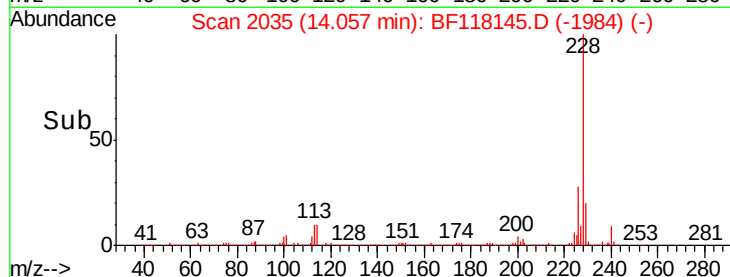


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.162 ng

RT: 14.02 min Scan# 2028

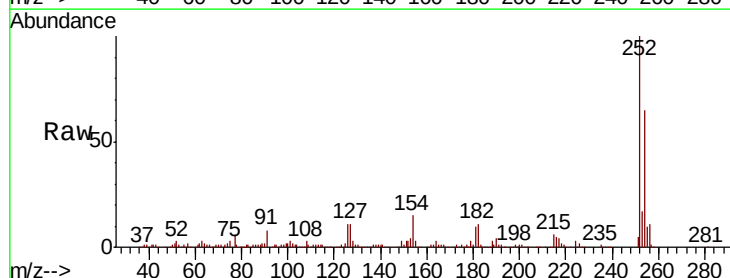
Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Tgt Ion:252 Resp: 389394

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.2	78.4
126	10.7	8.6	13.0

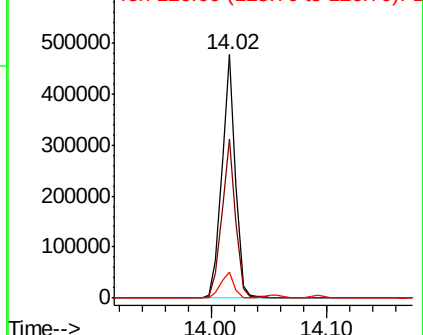
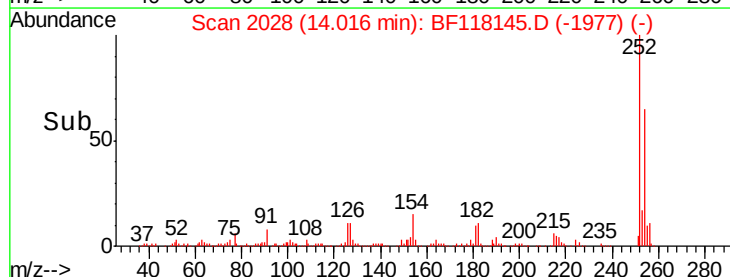


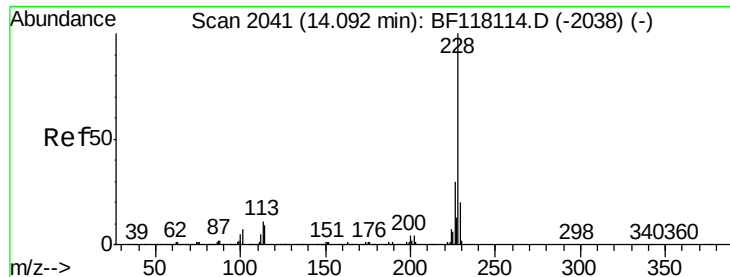
Abundance

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: 32.262 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

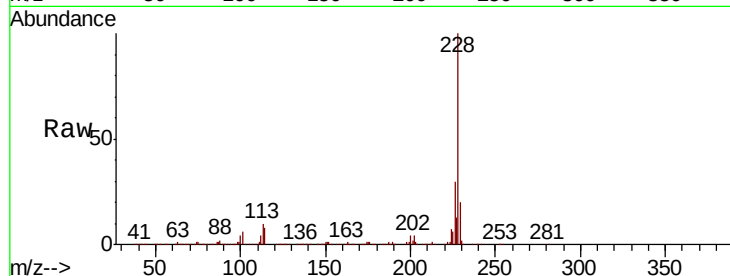
Tot Ion:228 Resp: 1252981

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

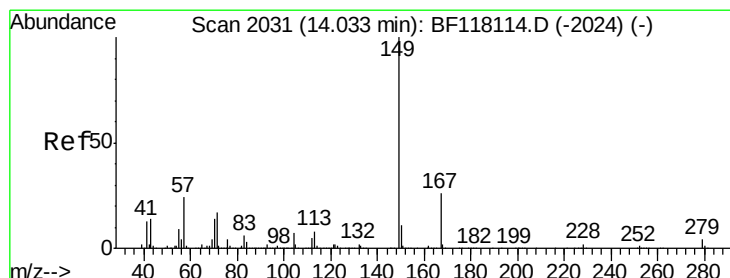
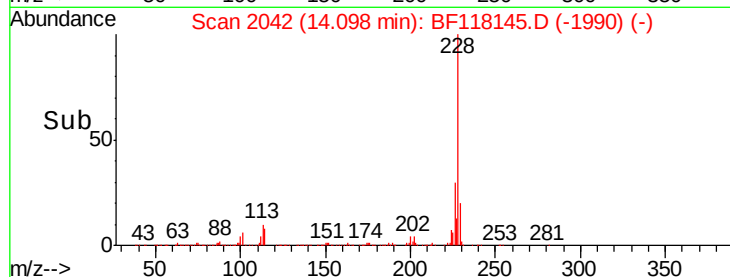
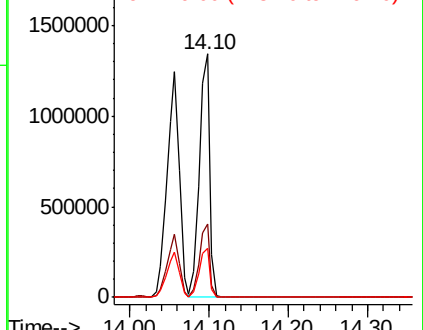
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.850 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

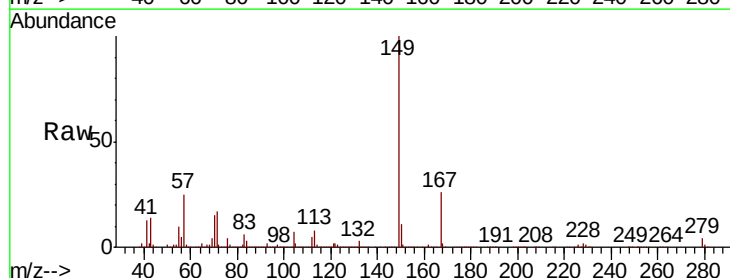
Tgt Ion:149 Resp: 1019677

Ion Ratio Lower Upper

149 100

167 26.1 20.8 31.2

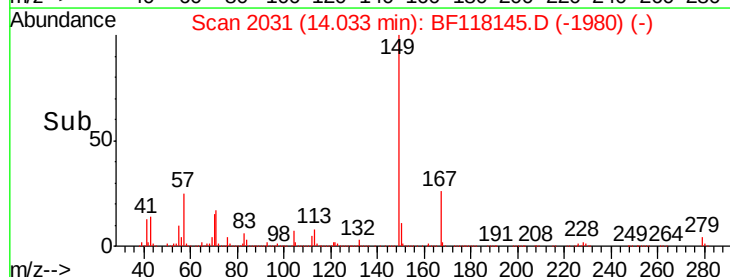
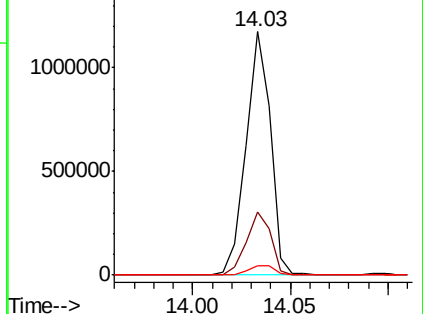
279 4.1 2.9 4.3

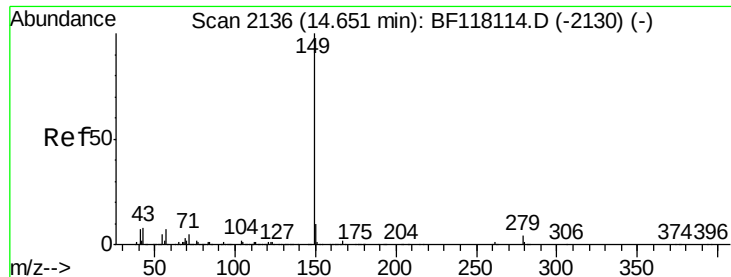


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.924 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

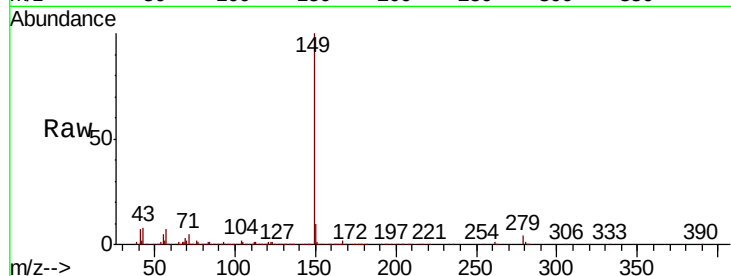
Tot Ion:149 Resp: 1505827

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

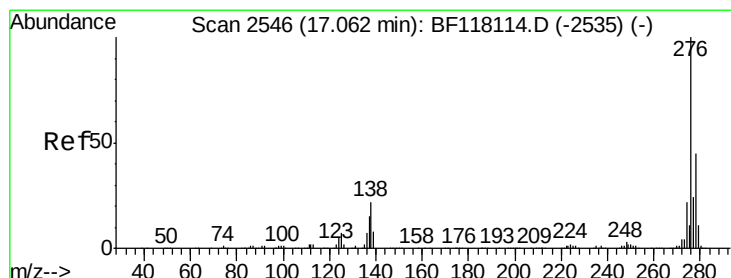
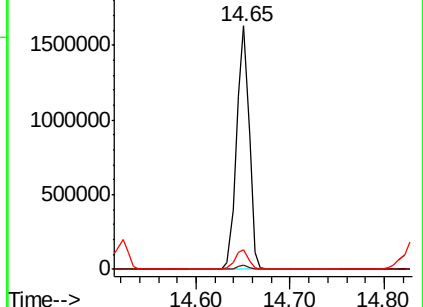
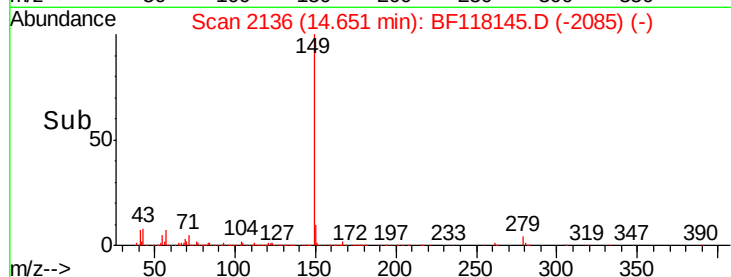
43 8.2 6.5 9.7



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: 32.169 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

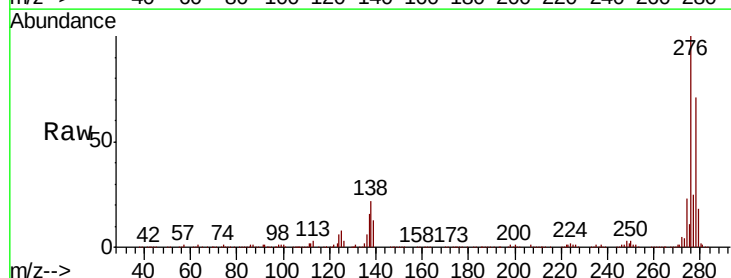
Tgt Ion:276 Resp: 1051218

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

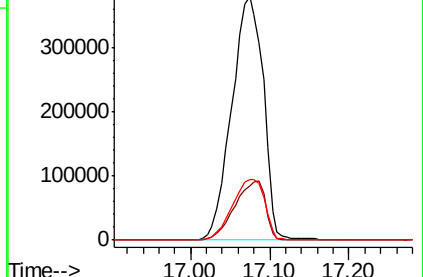
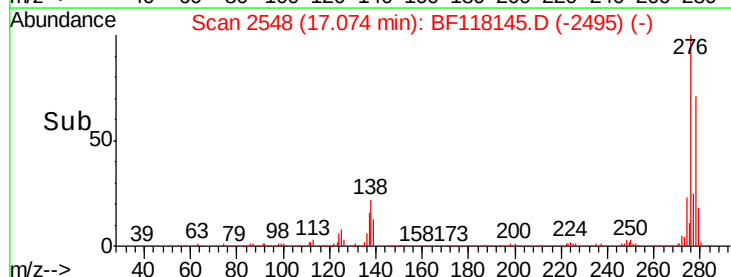
277 25.8 20.4 30.6

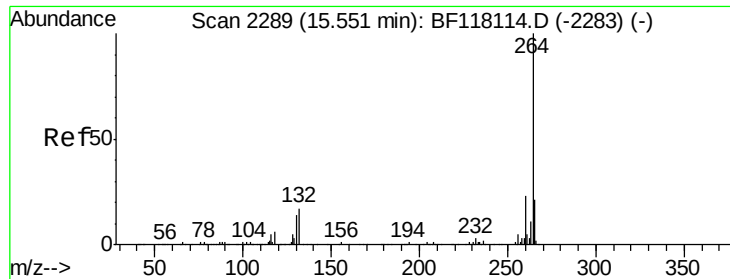


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

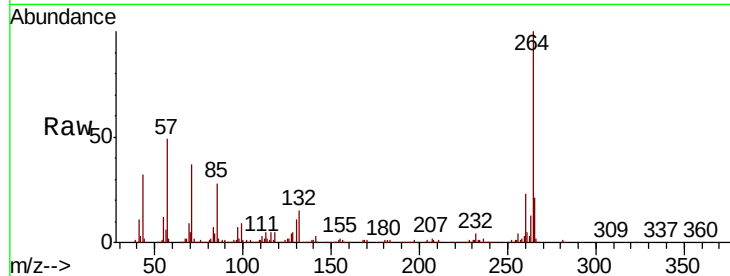




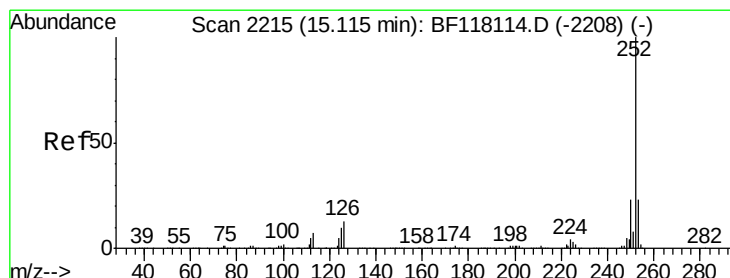
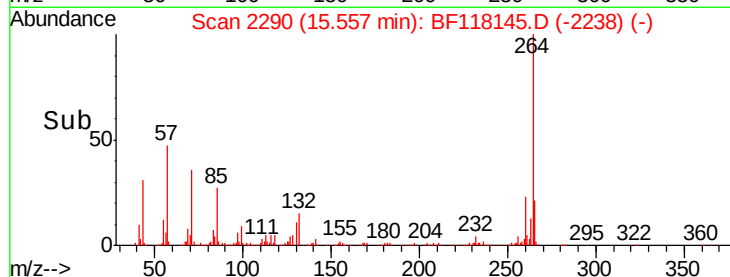
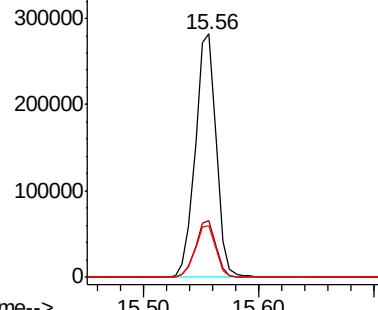
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 353921
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.2 16.8 25.2

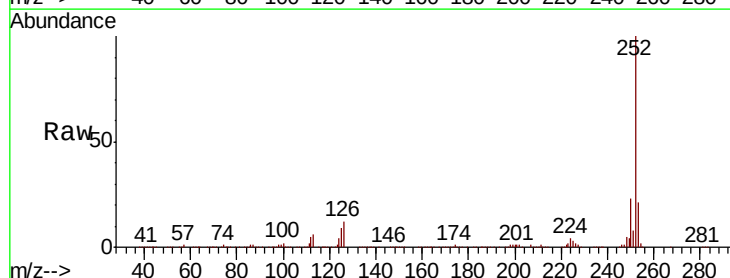


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

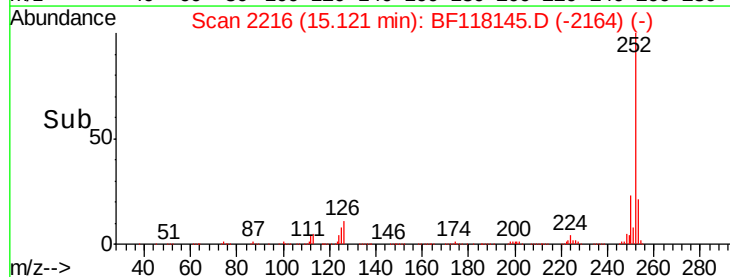
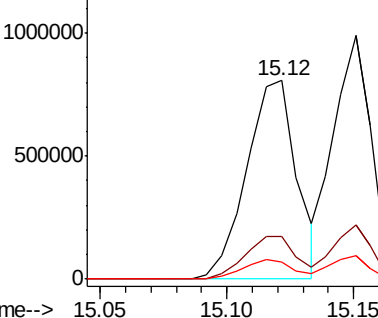


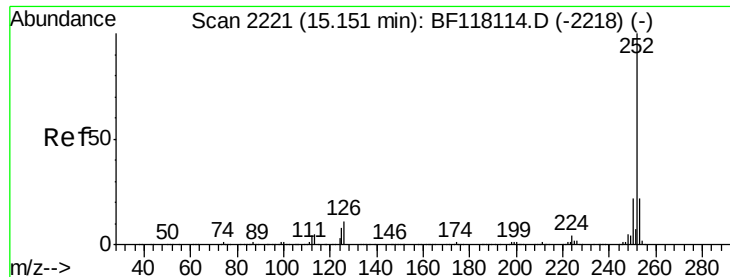
#88
Benzo(b)fluoranthene
Concen: 47.391 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:252 Resp: 1109298
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 8.9 8.3 12.5



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

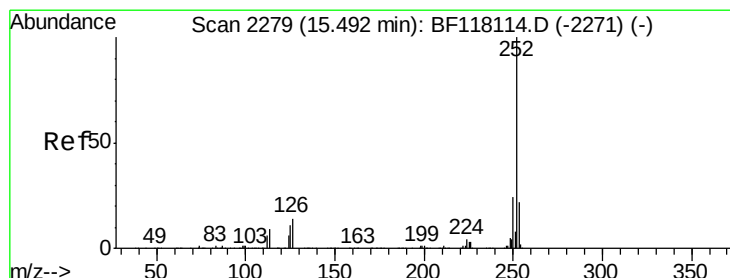
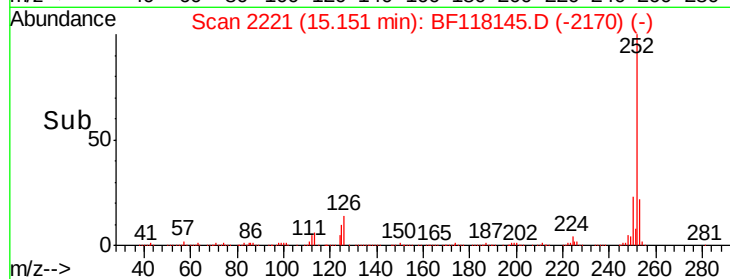
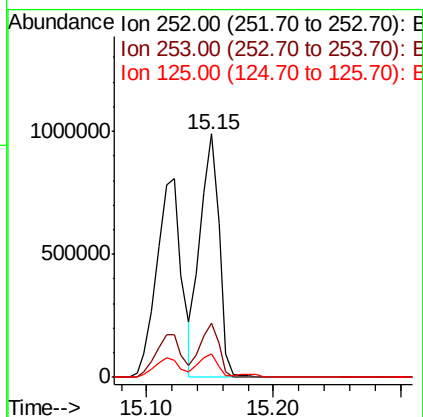
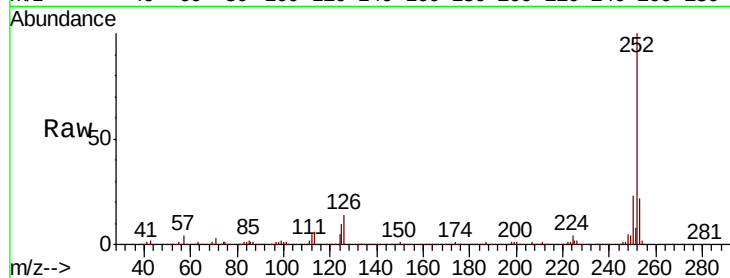




#89
Benzo(k)fluoranthene
Concen: 45.874 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

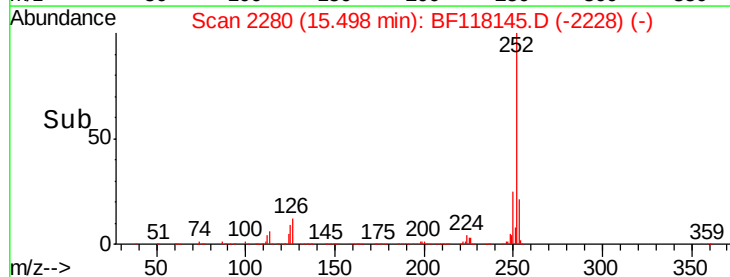
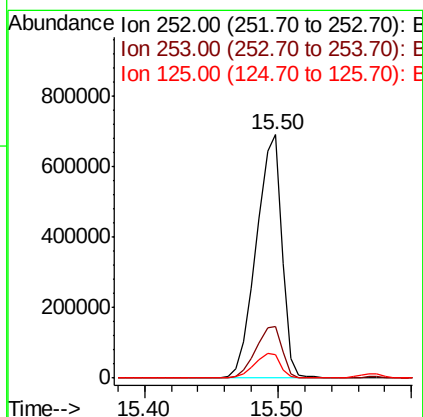
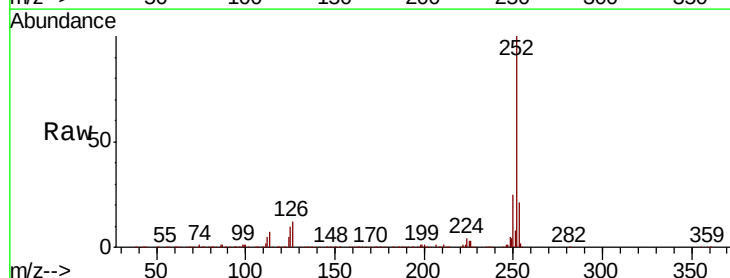
Instrument :
BNA_F
ClientSampled :

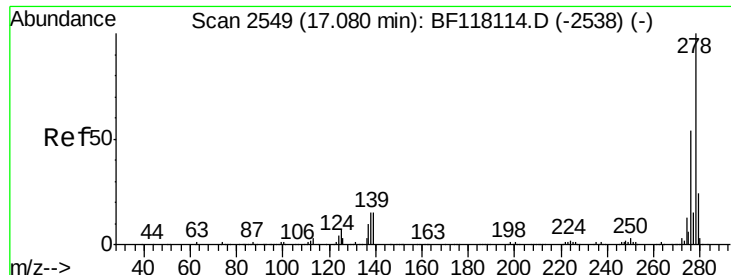
Tot Ion:252 Resp: 1031543
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.9 6.7 10.1



#90
Benzo(a)pyrene
Concen: 44.082 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:252 Resp: 911308
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.8 9.1 13.7

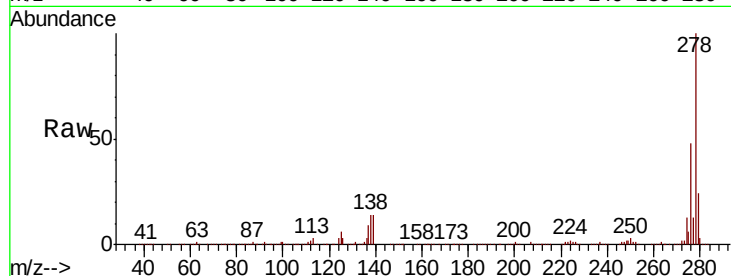




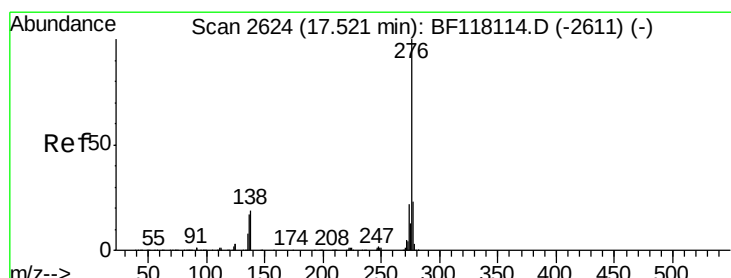
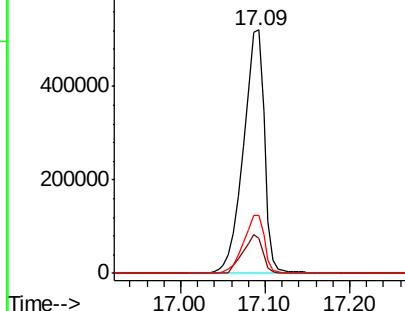
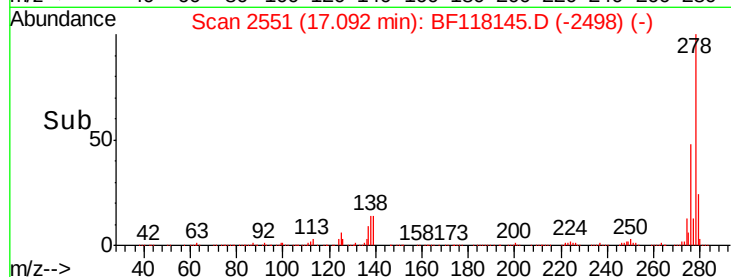
#91
Dibenzo(a,h)anthracene
Concen: 50.736 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.7	17.5
279	23.6	19.0	28.4

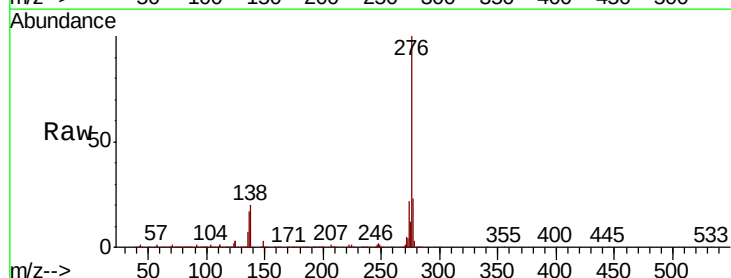


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.741 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.4
138	19.5	15.5	23.3



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

