

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118286.D
 Acq On : 19 Dec 2019 18:29
 Operator : JU
 Sample : K6317-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:13:13 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	6.86	152	110839	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	435494	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	232486	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	451569	20.00	ng	0.00
76) Chrysene-d12	14.06	240	323482	20.00	ng	-0.01
87) Perylene-d12	15.54	264	290187	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	836374	132.16	ng	0.01
7) Phenol-d6	6.50	99	964722	126.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	706194	91.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	424195	150.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1457918	95.42	ng	-0.01
79) Terphenyl-d14	12.99	244	1894036	100.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	96598	36.201	ng	# 84
3) Pyridine	3.49	79	166391	24.169	ng	98
4) n-Nitrosodimethylamine	3.41	42	130304	43.998	ng	98
6) Aniline	6.53	93	99320	10.144	ng	# 89
8) 2-Chlorophenol	6.65	128	344138	48.227	ng	98
9) Benzaldehyde	6.41	77	183336	49.392	ng	95
10) Phenol	6.51	94	334521	38.322	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	300744	47.636	ng	96
12) 1,3-Dichlorobenzene	6.80	146	364939	43.780	ng	96
13) 1,4-Dichlorobenzene	6.88	146	375413	44.725	ng	97
14) 1,2-Dichlorobenzene	7.03	146	357114	45.304	ng	98
15) Benzyl Alcohol	7.00	79	286874	48.012	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	343913	45.306	ng	91
17) 2-Methylphenol	7.12	107	266728	46.997	ng	97
18) Hexachloroethane	7.37	117	136018	43.977	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	228619	49.153	ng	98
20) 3+4-Methylphenols	7.27	107	338659	47.506	ng	93
22) Acetophenone	7.27	105	479006	45.783	ng	# 95
24) Nitrobenzene	7.45	77	351345	46.196	ng	99
25) Isophorone	7.69	82	627607	47.826	ng	99
26) 2-Nitrophenol	7.76	139	194315	47.801	ng	94
27) 2,4-Dimethylphenol	7.80	122	298900	55.124	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	387630	45.206	ng	99
29) 2,4-Dichlorophenol	8.01	162	298996	47.300	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	326997	44.265	ng	100
31) Naphthalene	8.17	128	1044344	47.749	ng	100
32) Benzoic acid	7.94	122	169932	34.709	ng	98
33) 4-Chloroaniline	8.22	127	64610	6.842	ng	99
34) Hexachlorobutadiene	8.29	225	189204	42.712	ng	99
35) Caprolactam	8.60	113	38231	19.612	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	321365	48.310	ng	98
37) 2-Methylnaphthalene	8.86	142	727367	49.123	ng	100
38) 1-Methylnaphthalene	8.96	142	677553	48.734	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	313100	44.456	ng	99

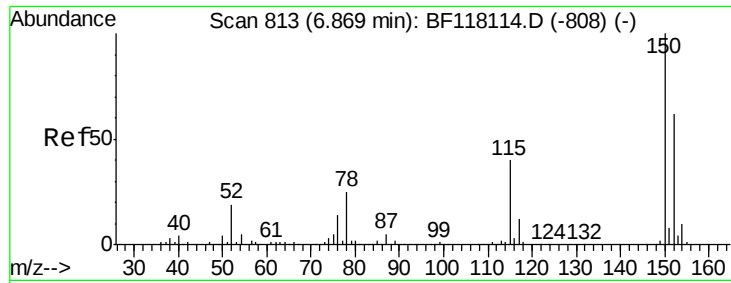
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 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304758	96.579	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	219692	46.719	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	235667	48.373	nq	98
46) 1,1'-Biphenyl	9.33	154	867095	47.289	nq	100
47) 2-Chloronaphthalene	9.36	162	672678	45.607	nq	98
48) 2-Nitroaniline	9.46	65	188919	44.915	nq	92
49) Acenaphthylene	9.77	152	1065705	48.988	nq	99
50) Dimethylphthalate	9.63	163	815573	47.493	nq	99
51) 2,6-Dinitrotoluene	9.70	165	180835	48.429	nq	97
52) Acenaphthene	9.95	154	622042	46.847	nq	98
53) 3-Nitroaniline	9.87	138	71852	16.351	nq	94
54) 2,4-Dinitrophenol	9.98	184	177183	95.376	nq	98
55) Dibenzofuran	10.12	168	951860	48.923	nq	99
56) 4-Nitrophenol	10.05	139	260421	85.393	nq	90
57) 2,4-Dinitrotoluene	10.11	165	246989	49.557	nq	94
58) Fluorene	10.46	166	756275	48.912	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203625	50.661	nq	98
60) Diethylphthalate	10.33	149	820497	48.495	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	366998	47.174	nq	98
62) 4-Nitroaniline	10.49	138	183213	39.975	nq	96
63) Azobenzene	10.61	77	704085	48.748	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	125824	50.455	nq	90
66) n-Nitrosodiphenylamine	10.57	169	673505	47.761	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	235342	45.655	nq	95
68) Hexachlorobenzene	11.02	284	271796	44.797	nq	94
69) Atrazine	11.10	200	232084	Below Cal		98
70) Pentachlorophenol	11.21	266	278291	97.534	nq	97
71) Phenanthrene	11.43	178	1151068	47.951	nq	100
72) Anthracene	11.48	178	1184050	49.445	nq	99
73) Carbazole	11.64	167	1039286	48.372	nq	99
74) Di-n-butylphthalate	11.96	149	1308594	48.666	nq	99
75) Fluoranthene	12.62	202	1210430	49.319	nq	97
77) Benzidine	12.74	184	62964	7.394	nq	99
78) Pyrene	12.85	202	1218833	47.813	nq	99
80) Butylbenzylphthalate	13.46	149	556232	48.180	nq	99
81) Benzo(a)anthracene	14.04	228	1068034	47.749	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	182199	24.802	nq	98
83) Chrysene	14.09	228	1007254	47.142	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	772572	50.750	nq	99
85) Di-n-octyl phthalate	14.64	149	1222053	52.994	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	936729	52.105	nq	99
88) Benzo(b)fluoranthene	15.11	252	870194	45.341	nq	98
89) Benzo(k)fluoranthene	15.11	252	870194	47.198	nq	98
90) Benzo(a)pyrene	15.49	252	779999	46.017	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	784437	53.956	nq	99
92) Benzo(g,h,i)perylene	17.52	276	791481	56.654	nq	98

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

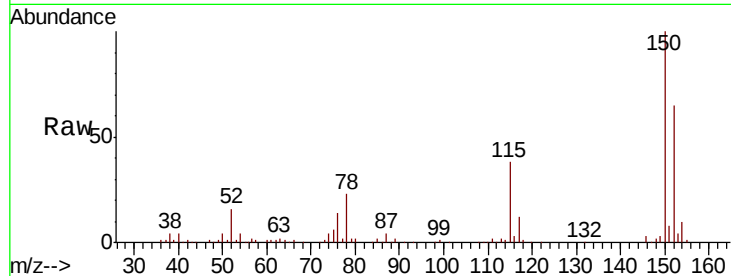


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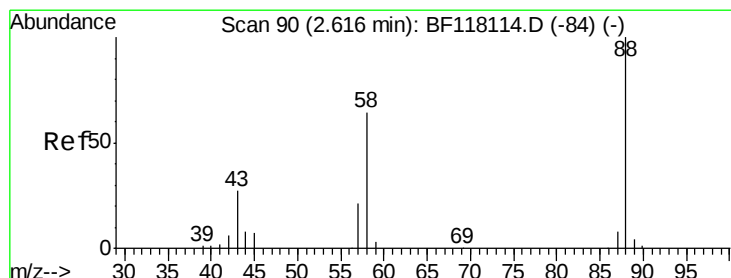
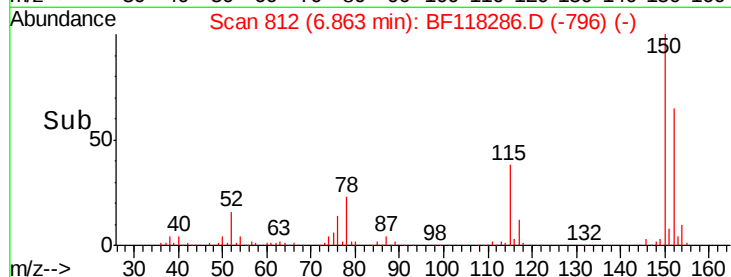
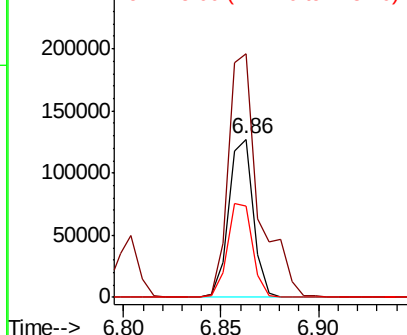
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110839
Ion Ratio Lower Upper
152 100
150 154.0 128.3 192.5
115 57.9 51.1 76.7



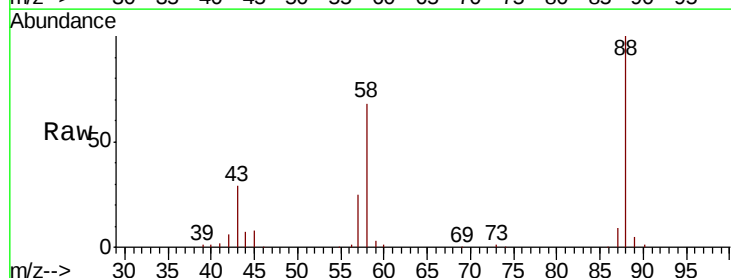
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



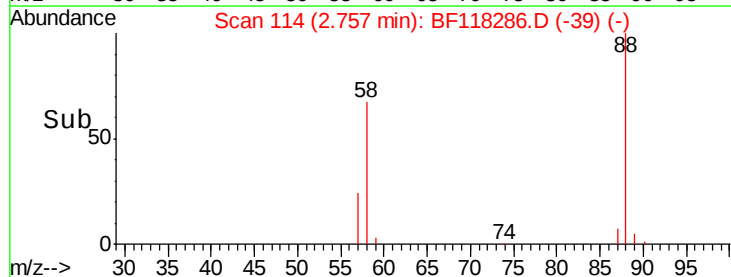
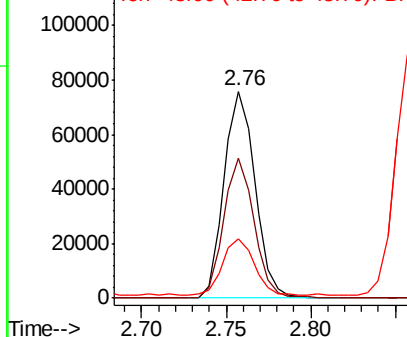
#2

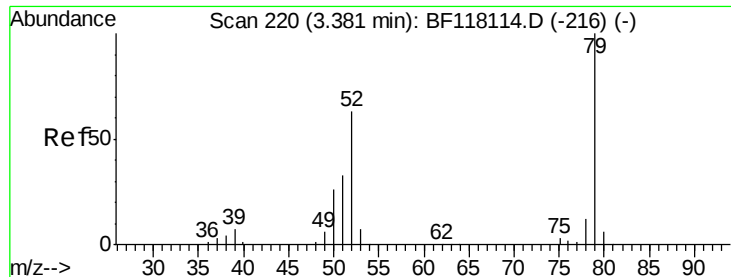
1,4-Dioxane
Concen: 36.201 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion: 88 Resp: 96598
Ion Ratio Lower Upper
88 100
58 66.6 52.2 78.4
43 0.0 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: 24.169 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampled :

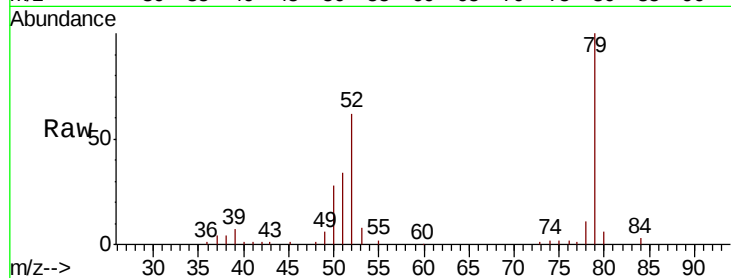
Tot Ion: 79 Resp: 166391

Ion Ratio Lower Upper

79 100

52 62.1 50.7 76.1

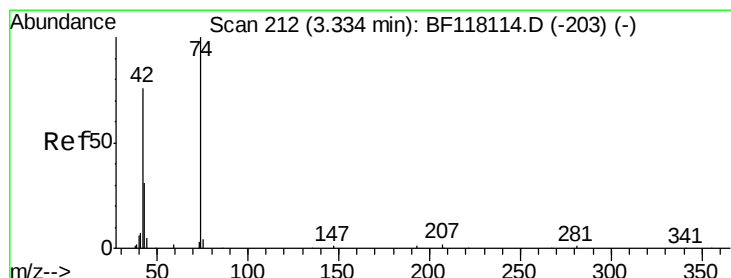
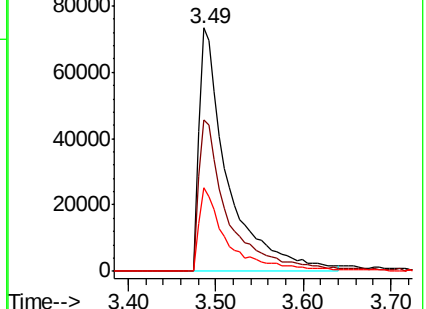
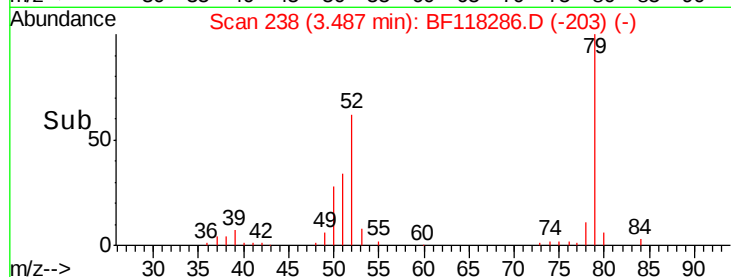
51 34.4 26.4 39.6



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: 43.998 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

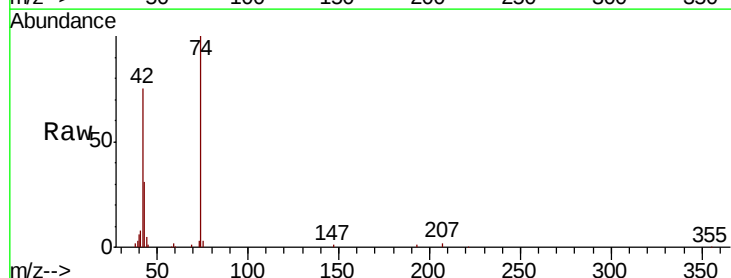
Tgt Ion: 42 Resp: 130304

Ion Ratio Lower Upper

42 100

74 133.2 104.6 157.0

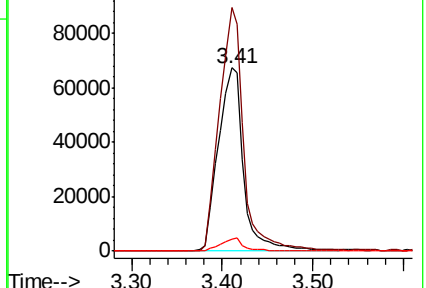
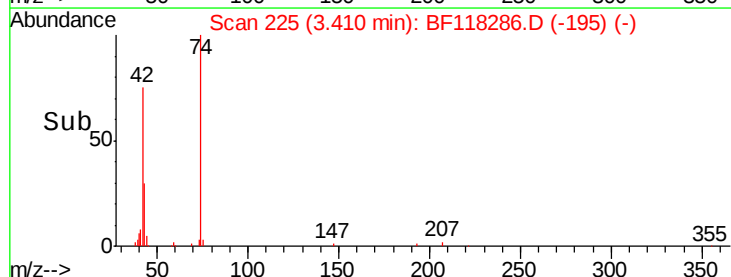
44 6.3 5.1 7.7



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: 132.163 ng

RT: 5.49 min Scan# 579

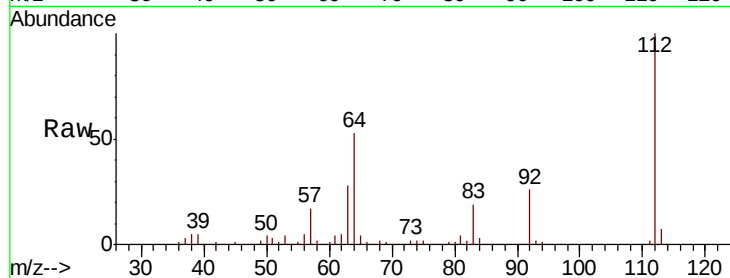
Delta R.T. 0.01 min

Lab File: BF118286.D

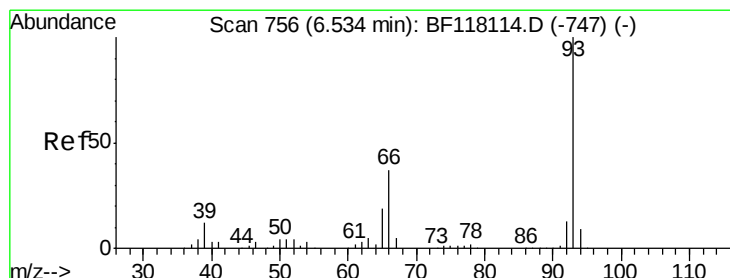
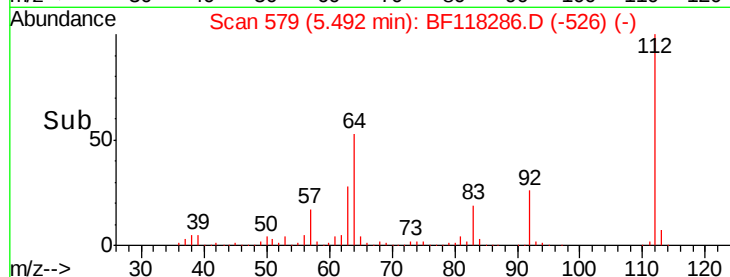
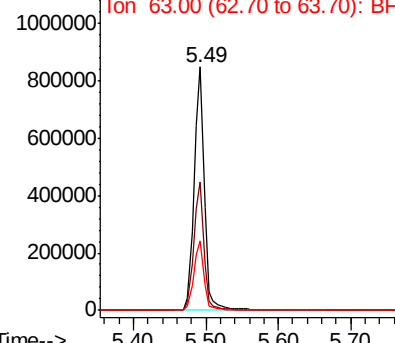
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	836374
Ion	Ratio	Lower	Upper
112	100		
64	52.8	41.3	61.9
63	28.3	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: 10.144 ng

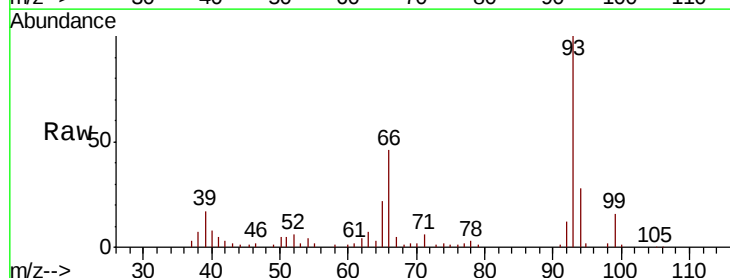
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

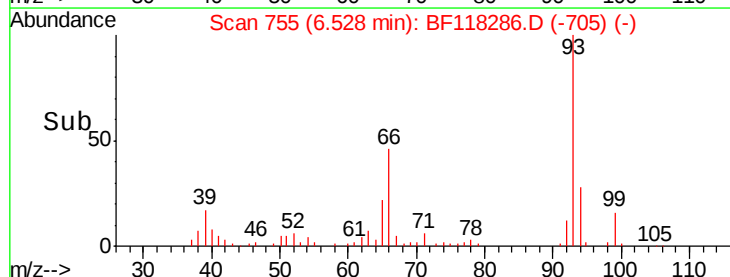
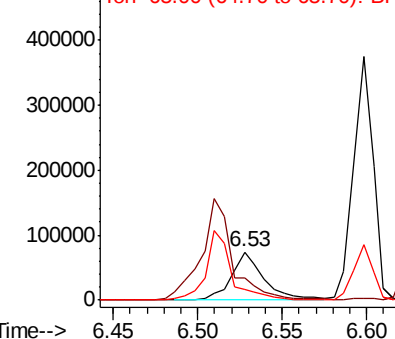
Lab File: BF118286.D

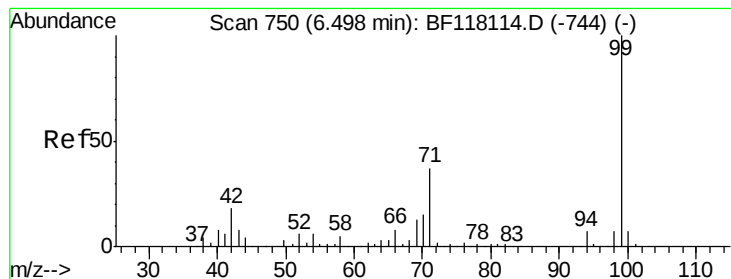
Acq: 19 Dec 2019 18:29

Tgt Ion:	93	Resp:	99320
Ion	Ratio	Lower	Upper
93	100		
66	45.8	30.2	45.2#
65	22.3	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: 126.036 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampled :

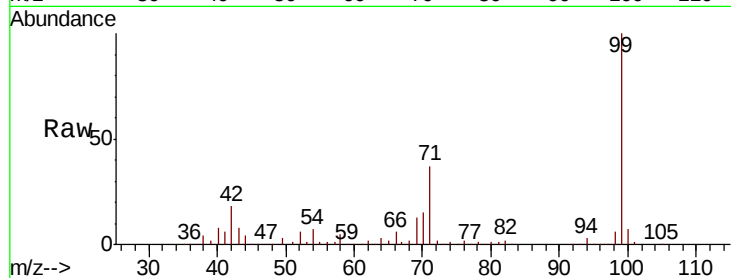
Tot Ion: 99 Resp: 964722

Ion Ratio Lower Upper

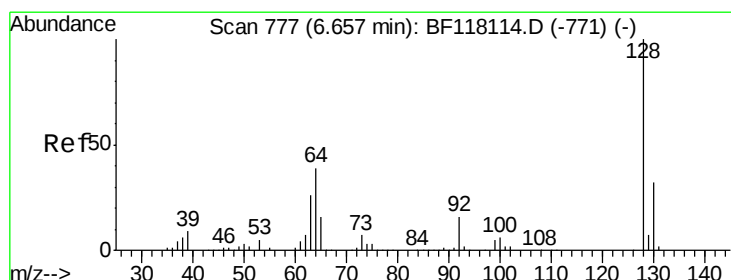
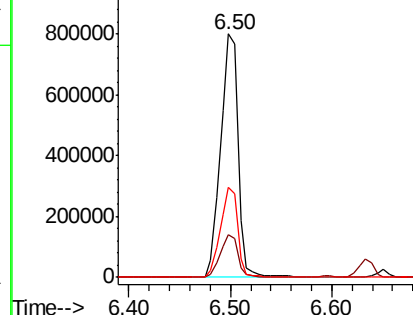
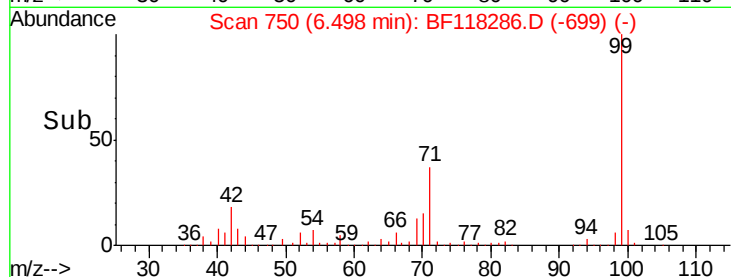
99 100

42 17.6 14.1 21.1

71 36.9 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: 48.227 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

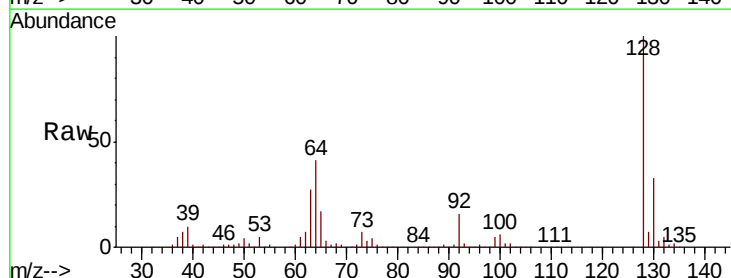
Tgt Ion: 128 Resp: 344138

Ion Ratio Lower Upper

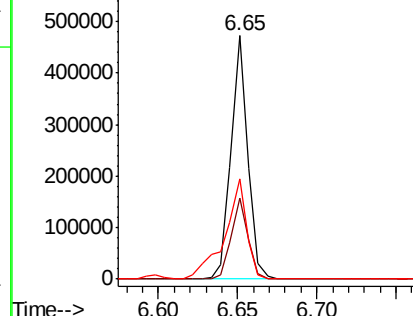
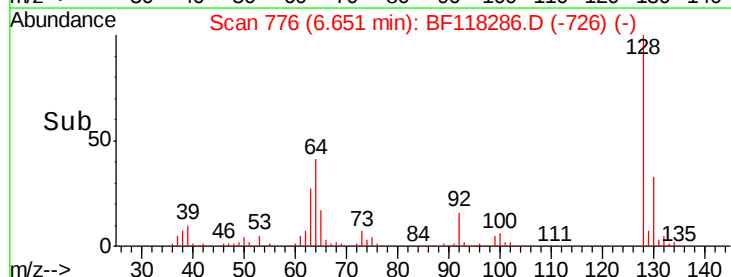
128 100

130 33.4 12.1 52.1

64 40.9 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: 49.392 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampled :

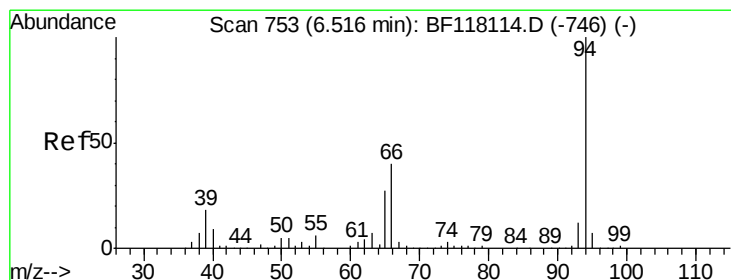
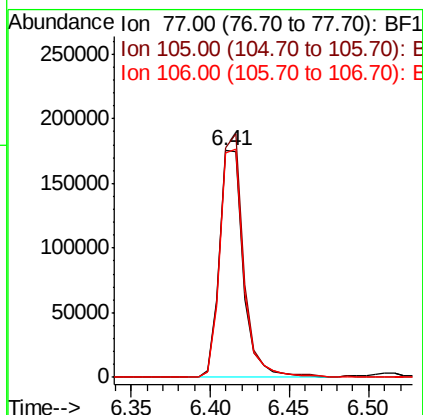
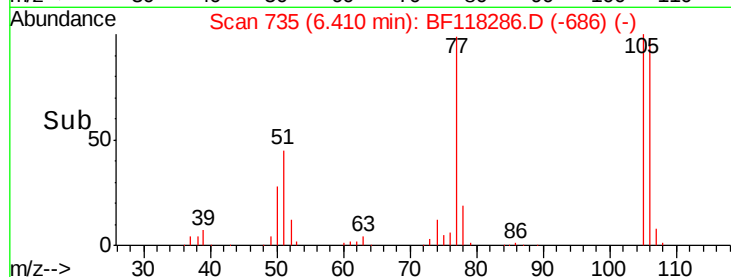
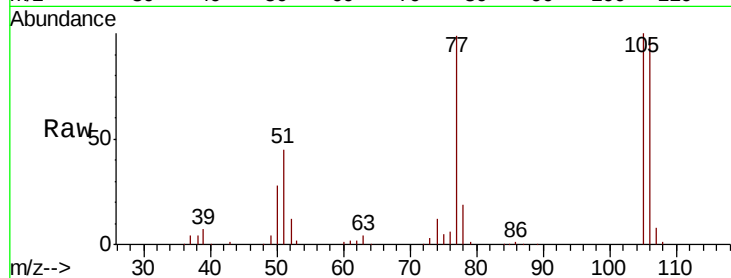
Tot Ion: 77 Resp: 183336

Ion Ratio Lower Upper

77 100

105 101.3 86.4 126.4

106 99.1 83.8 123.8



#10

Phenol

Concen: 38.322 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

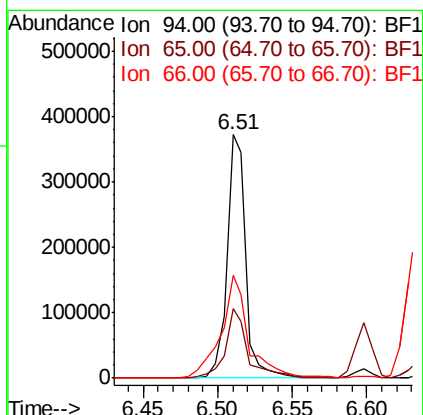
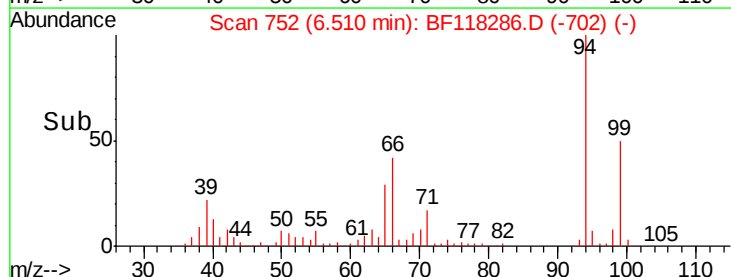
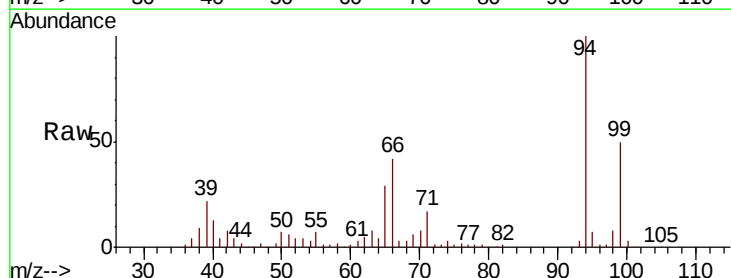
Tgt Ion: 94 Resp: 334521

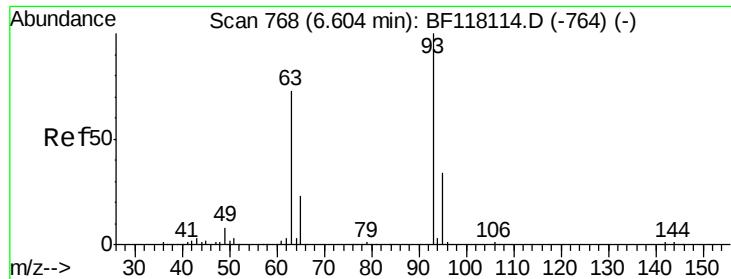
Ion Ratio Lower Upper

94 100

65 28.7 7.3 47.3

66 42.0 20.2 60.2

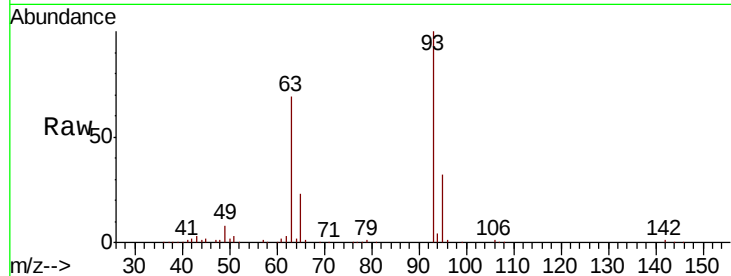




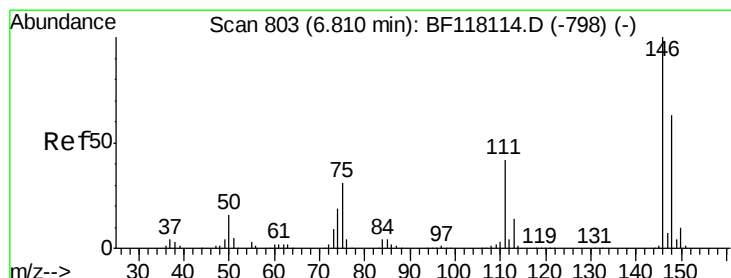
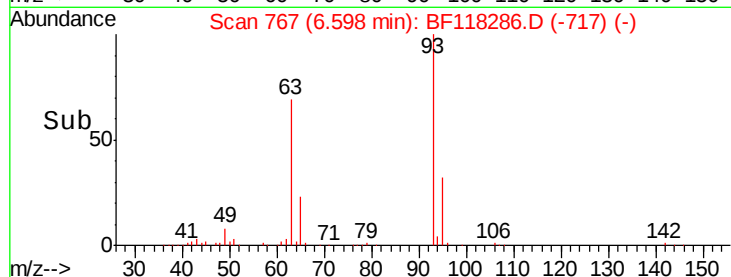
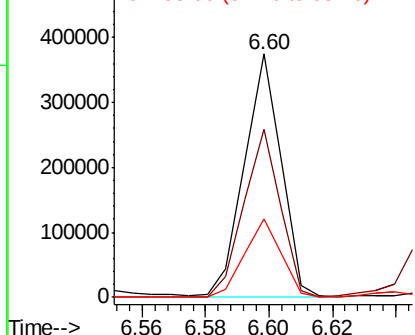
#11
bis(2-Chloroethyl)ether
Concen: 47.636 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 300744
Ion Ratio Lower Upper
93 100
63 69.0 53.2 93.2
95 32.2 13.8 53.8

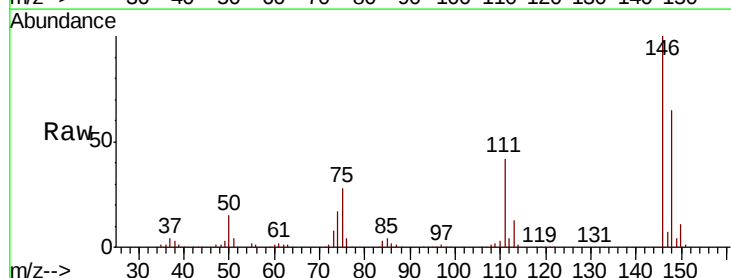


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

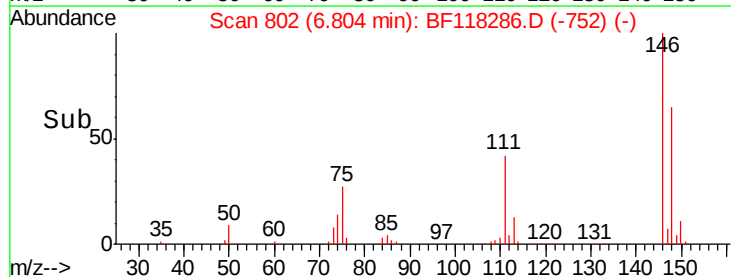
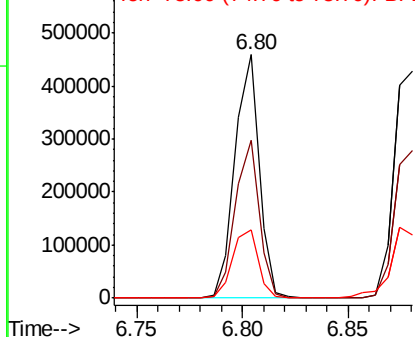


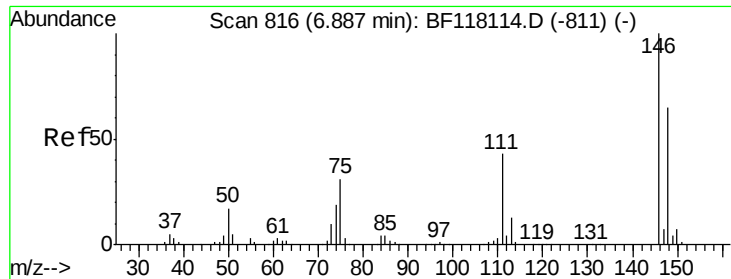
#12
1,3-Dichlorobenzene
Concen: 43.780 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion: 146 Resp: 364939
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
75 28.0 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

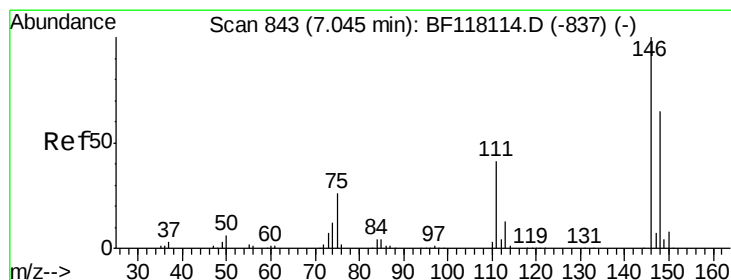
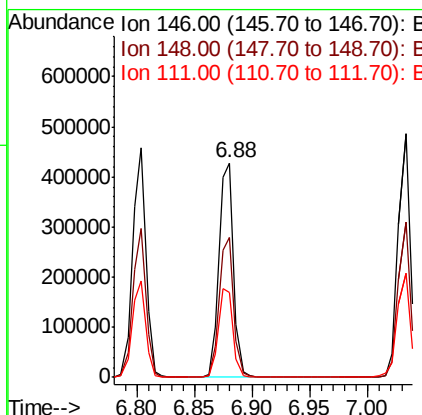
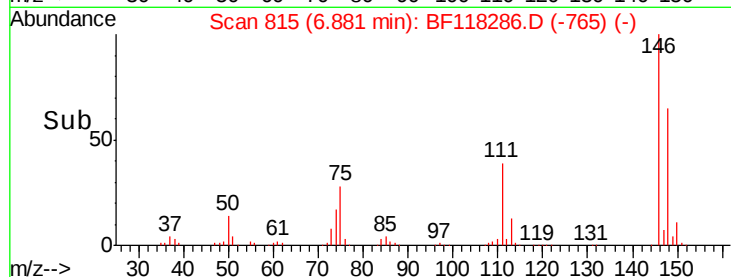
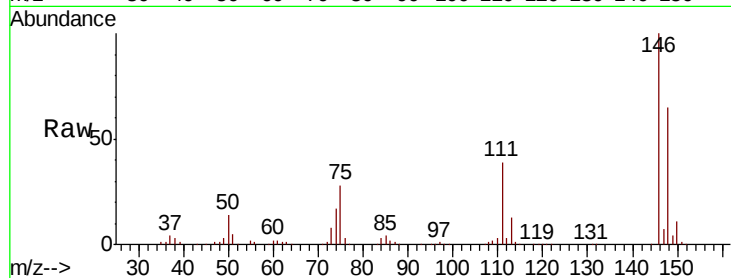




#13
 1,4-Dichlorobenzene
 Concen: 44.725 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

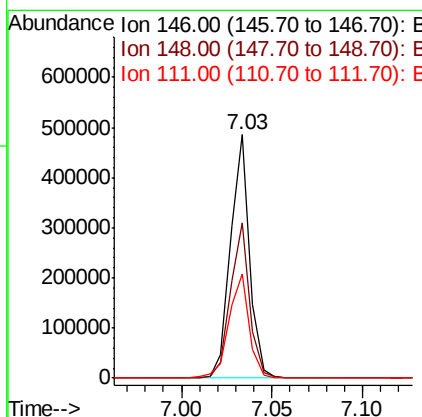
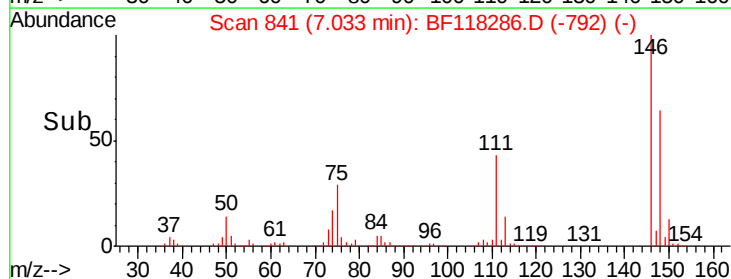
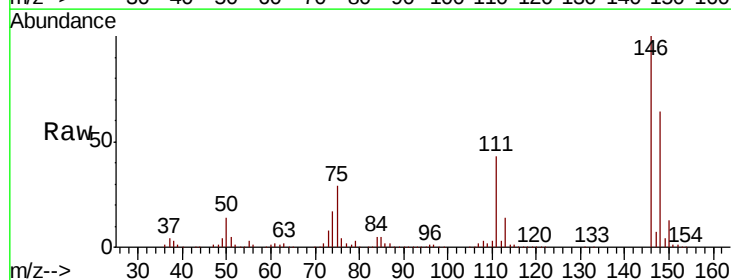
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 375413
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 39.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 45.304 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:146 Resp: 357114
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 42.8 33.1 49.7





#15

Benzyl Alcohol

Concen: 48.012 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

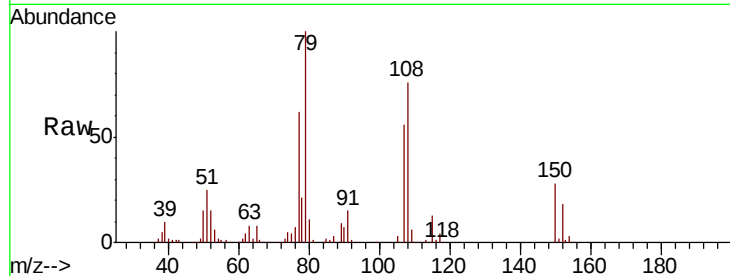
Tot Ion: 79 Resp: 286874

Ion Ratio Lower Upper

79 100

108 76.2 62.7 94.1

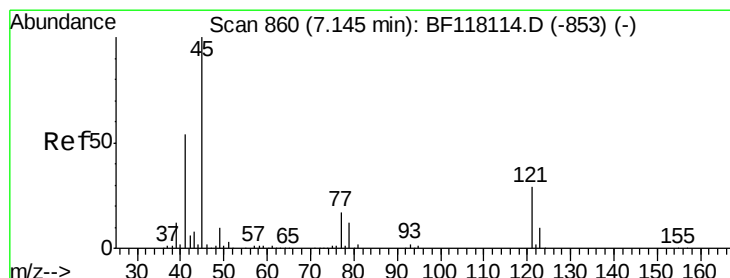
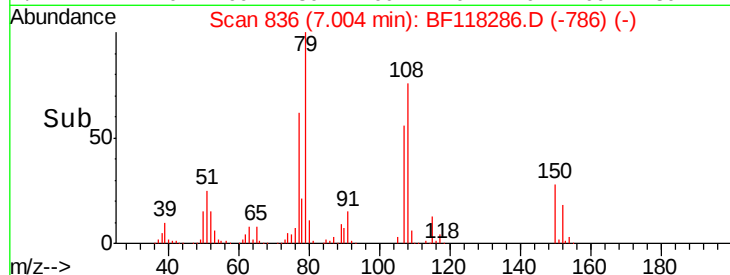
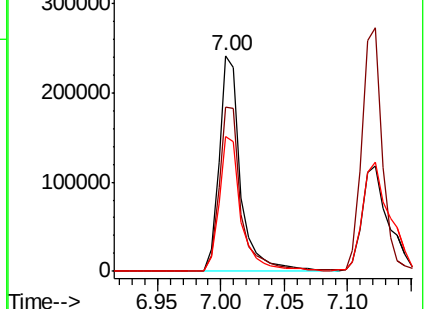
77 62.4 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.306 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

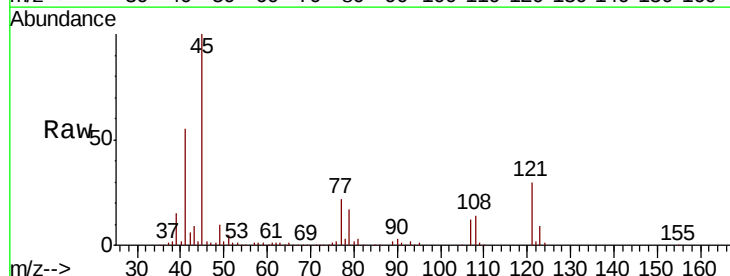
Tgt Ion: 45 Resp: 343913

Ion Ratio Lower Upper

45 100

77 21.8 0.0 38.0

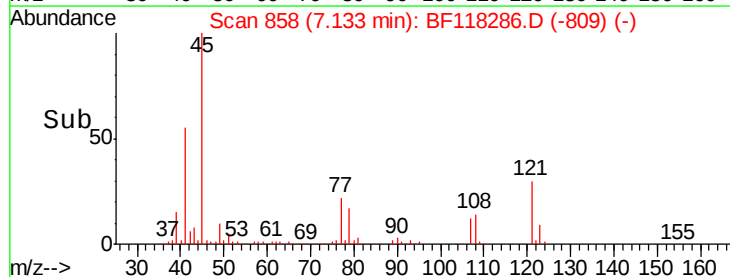
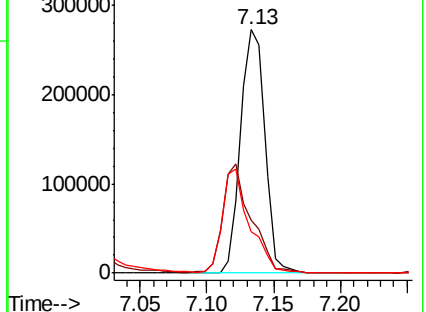
79 17.2 0.0 33.2

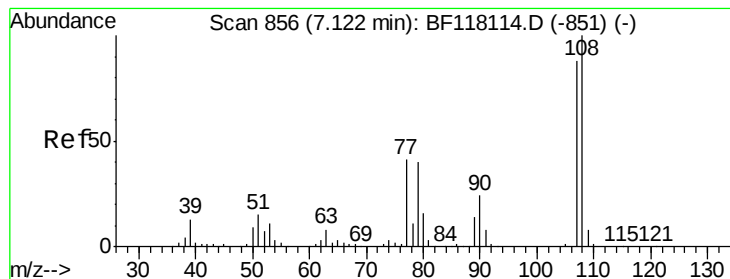


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

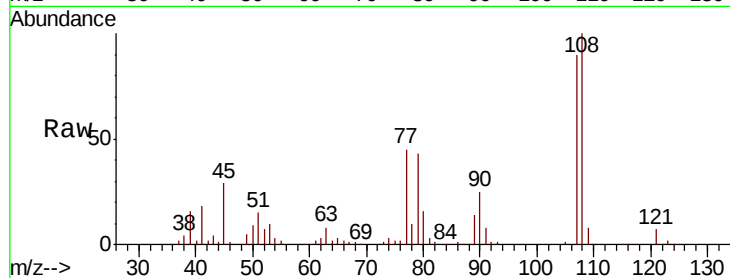




#17
2-Methylphenol
Concen: 46.997 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	266728
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.1	136.7
77	49.8	37.8	56.6
79	47.9	37.0	55.6



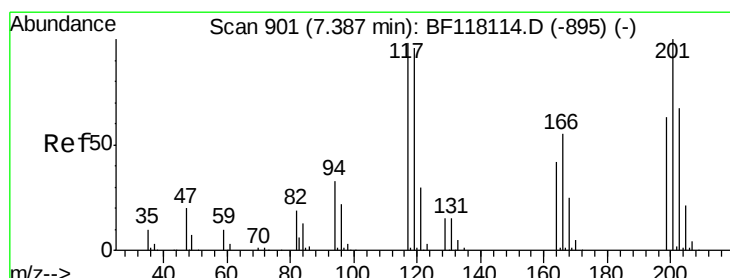
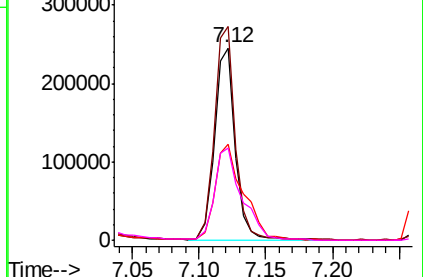
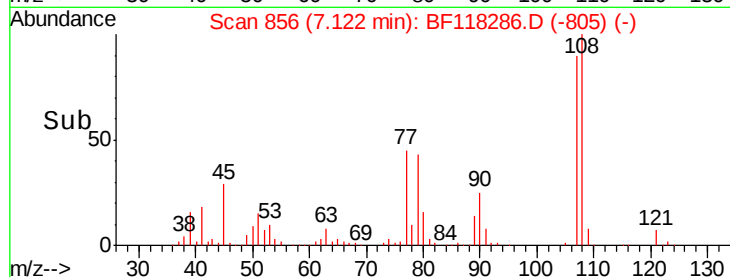
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

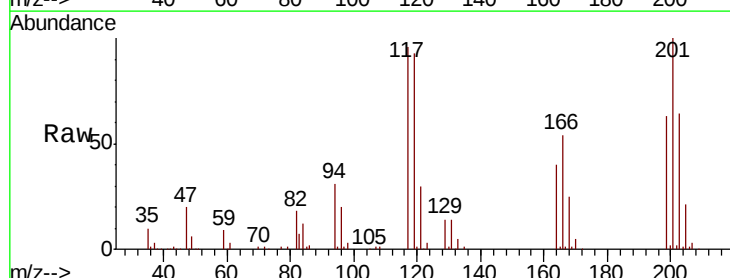
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.977 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:	117	Resp:	136018
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.4
201	104.0	81.6	122.4

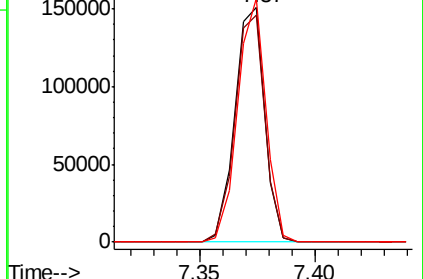
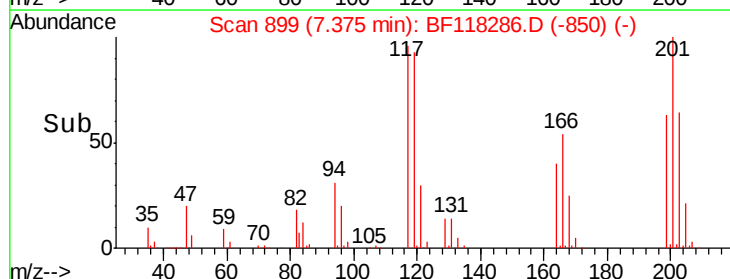


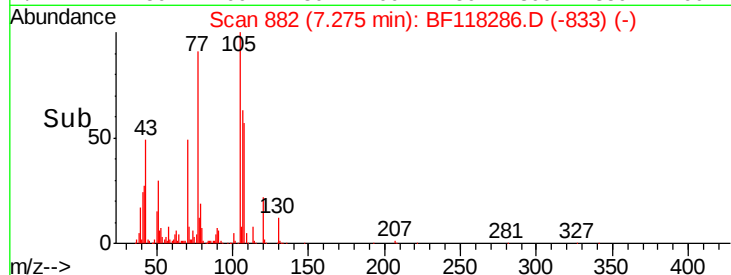
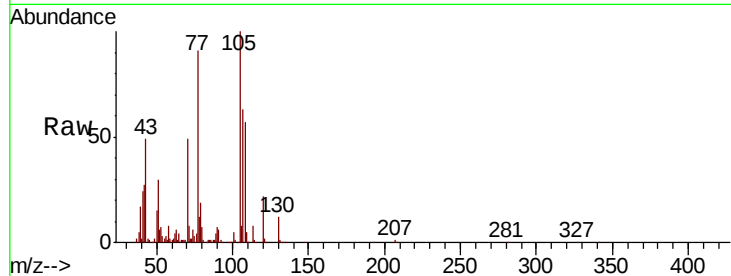
Abundance

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

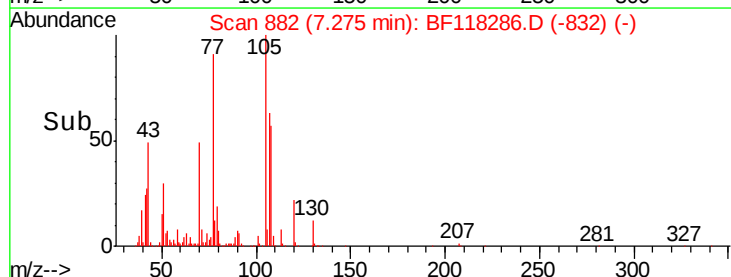
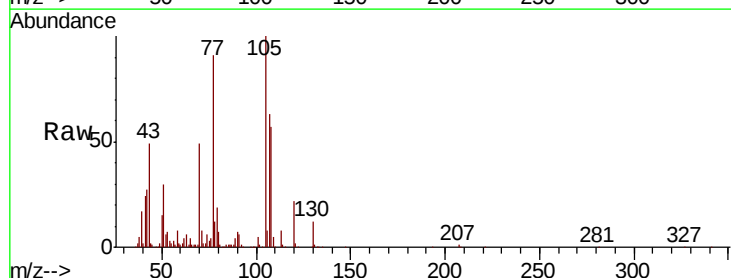
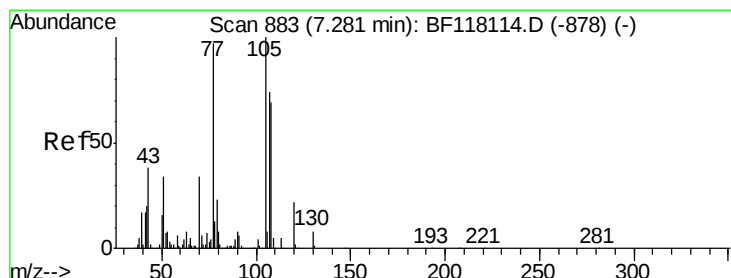
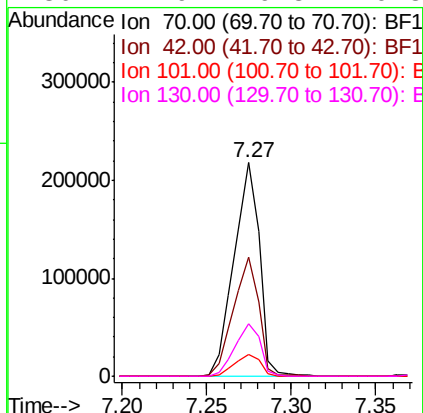




#19
n-Nitroso-di-n-propylamine
Concen: 49.153 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

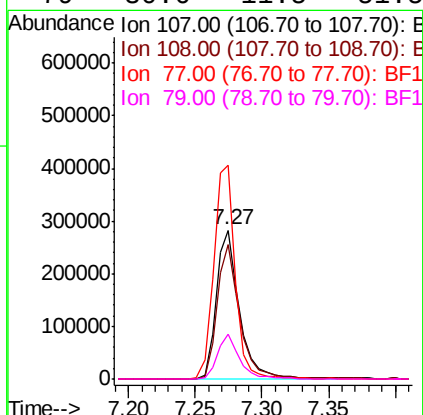
Instrument :
BNA_F
ClientSampleId :

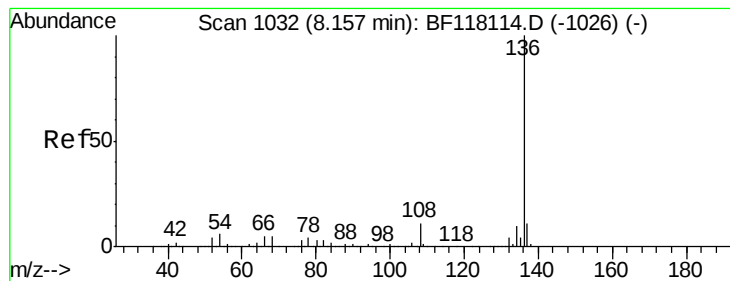
Tot Ion:	70	Resp:	228619
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.2	64.8
101	10.4	8.1	12.1
130	24.9	19.8	29.8



#20
3+4-Methylphenols
Concen: 47.506 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:	107	Resp:	338659
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.2	113.2
77	143.8	110.9	150.9
79	30.6	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435494

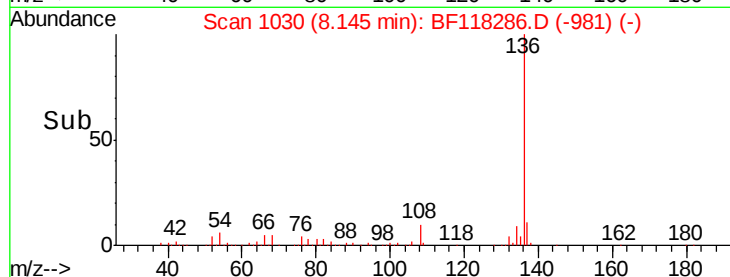
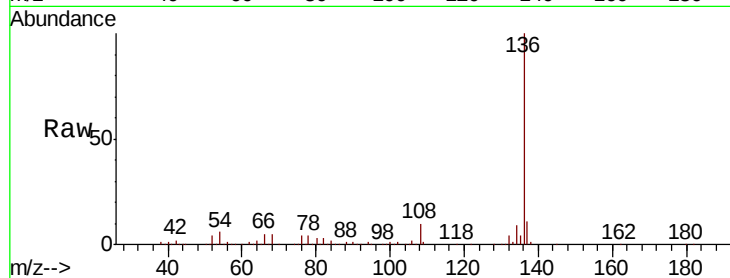
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.1 5.0 7.6

68 4.8 3.8 5.8

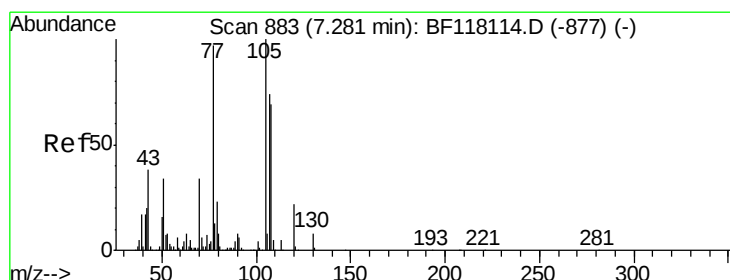
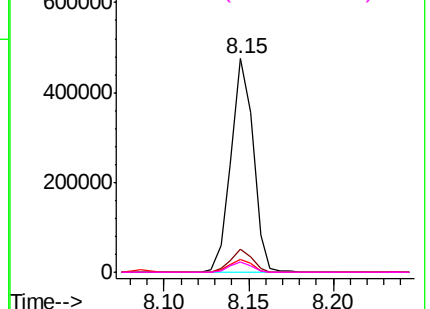


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.783 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:105 Resp: 479006

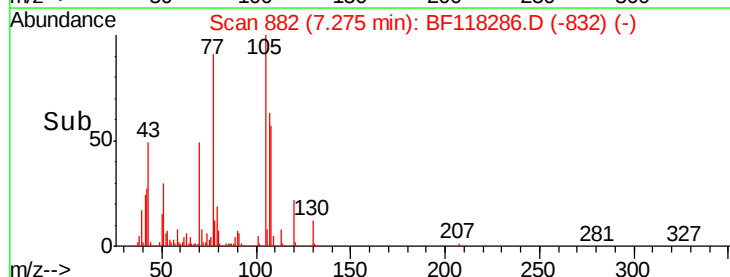
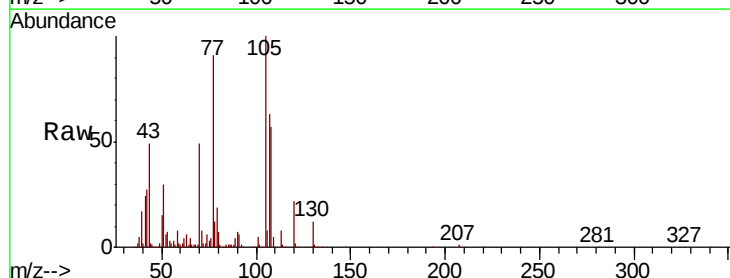
Ion Ratio Lower Upper

105 100

71 8.5 4.7 7.1#

51 29.7 27.1 40.7

120 22.0 17.8 26.6

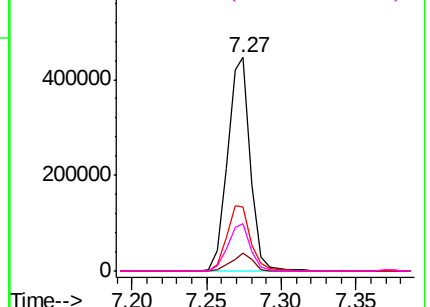


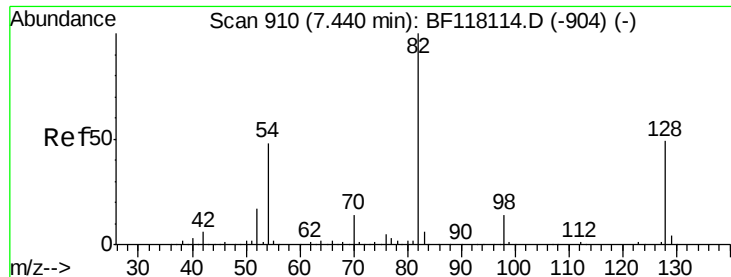
Abundance Ion 105.00 (104.70 to 105.70): E

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

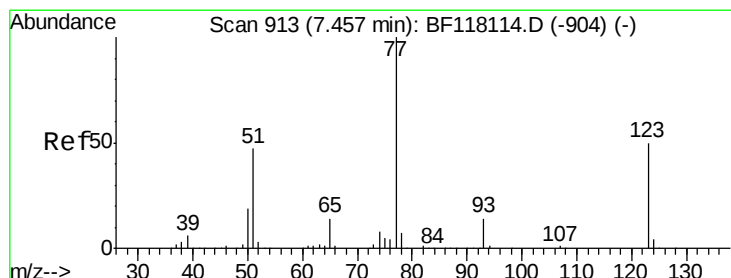
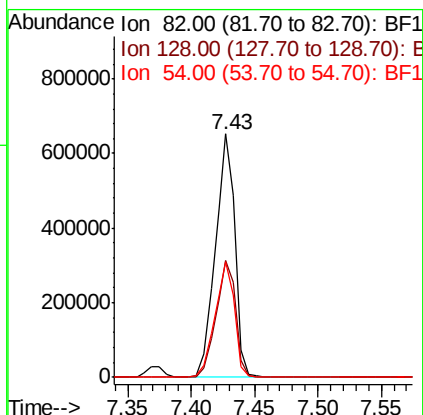
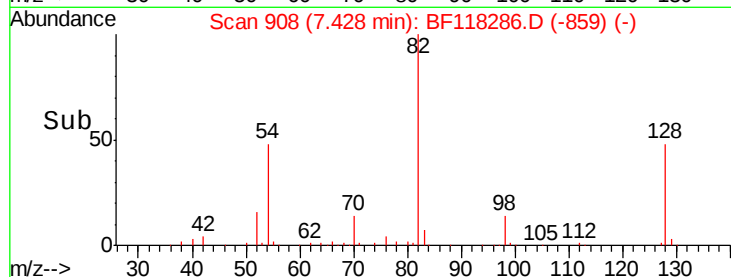
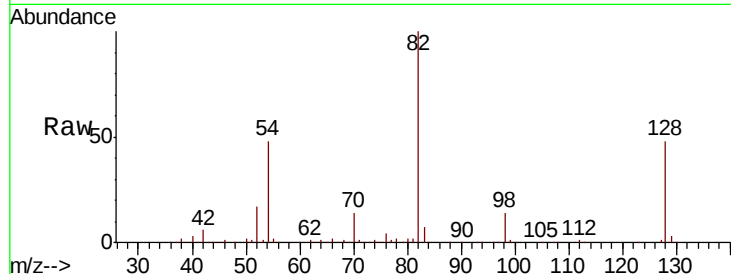




#23
Nitrobenzene-d5
Concen: 91.227 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

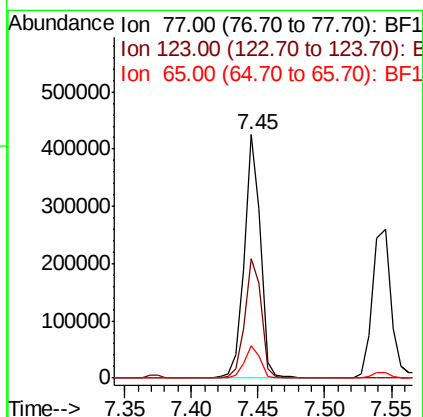
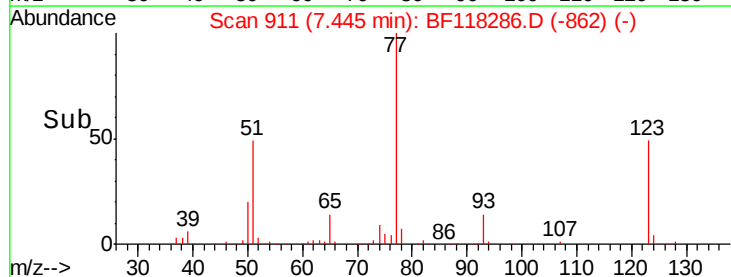
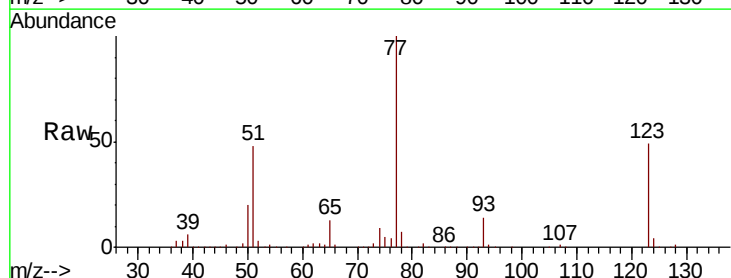
Instrument :
BNA_F
ClientSampleId :

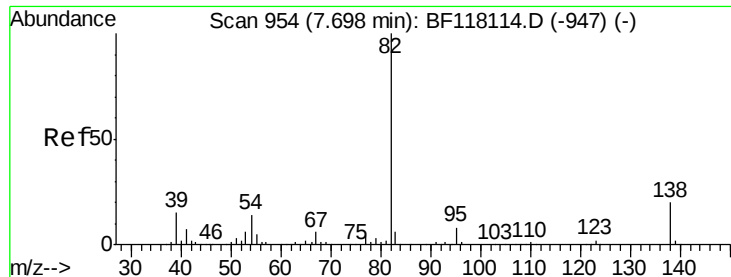
Tot Ion: 82 Resp: 706194
Ion Ratio Lower Upper
82 100
128 48.2 39.1 58.7
54 47.7 38.2 57.2



#24
Nitrobenzene
Concen: 46.196 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion: 77 Resp: 351345
Ion Ratio Lower Upper
77 100
123 49.1 40.1 60.1
65 13.4 10.9 16.3





#25

Isophorone

Concen: 47.826 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

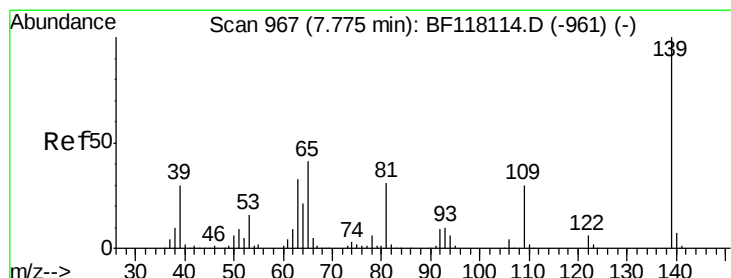
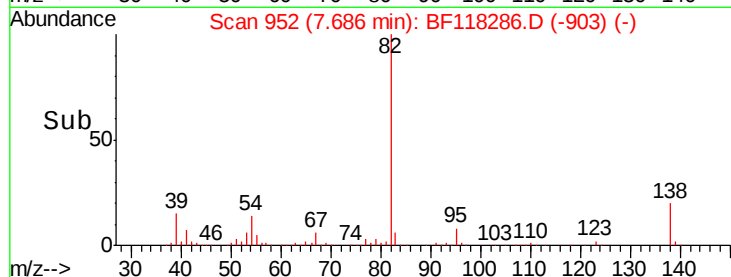
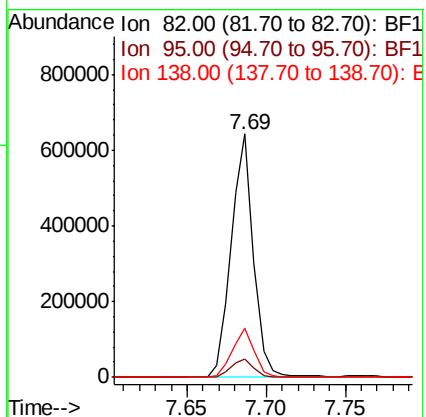
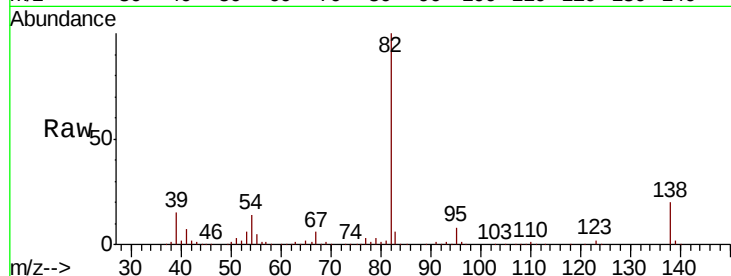
Tot Ion: 82 Resp: 627607

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

138 20.0 16.3 24.5



#26

2-Nitrophenol

Concen: 47.801 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

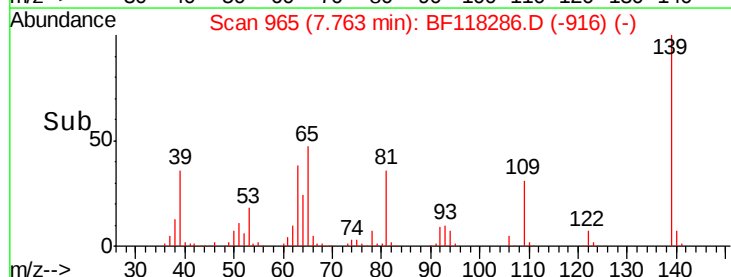
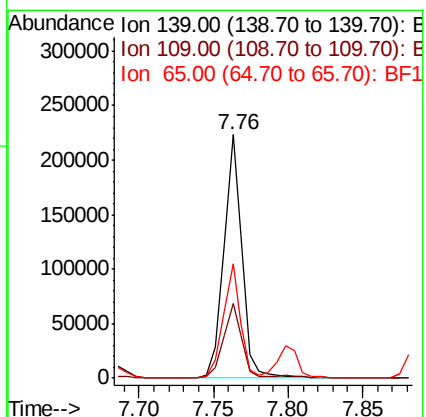
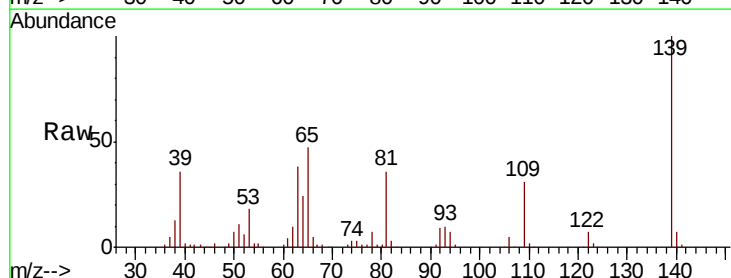
Tgt Ion: 139 Resp: 194315

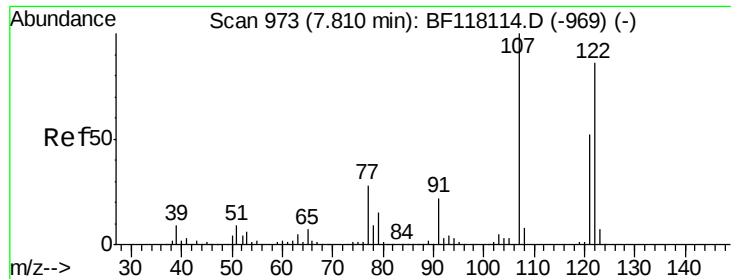
Ion Ratio Lower Upper

139 100

109 30.7 23.9 35.9

65 46.8 33.0 49.6

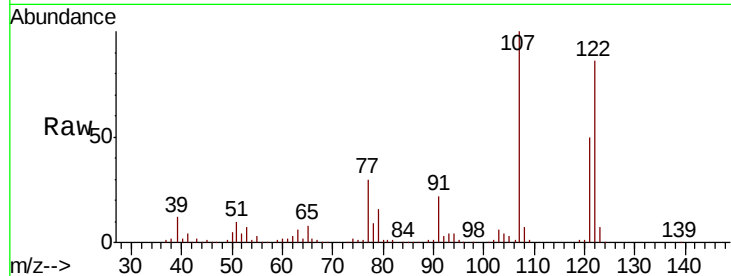




#27
2,4-Dimethylphenol
Concen: 55.124 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.9	139.3
121	58.1	48.3	72.5

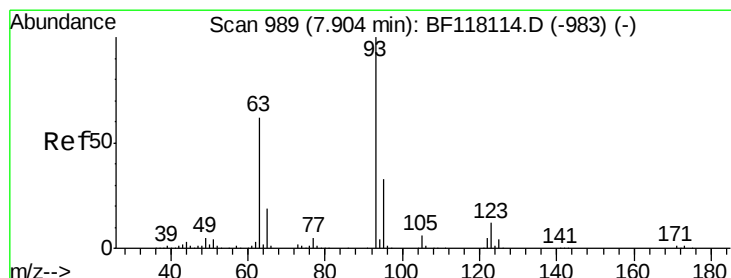
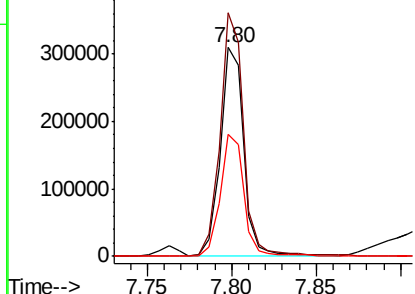
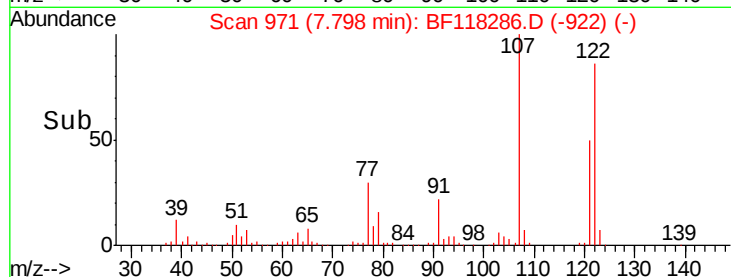


Abundance

Ion 122.00 (121.70 to 122.70): E

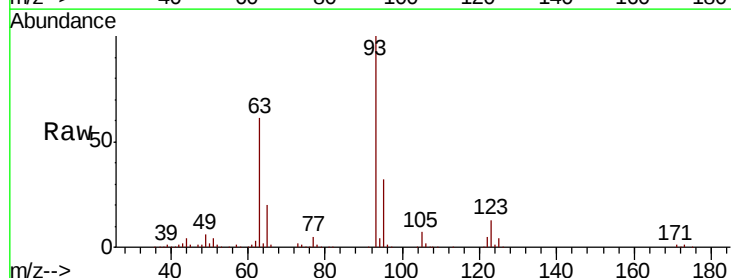
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.206 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.7	40.1
123	12.6	10.0	15.0

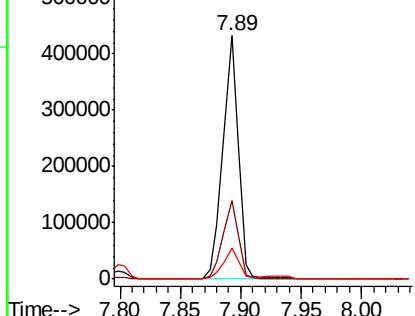
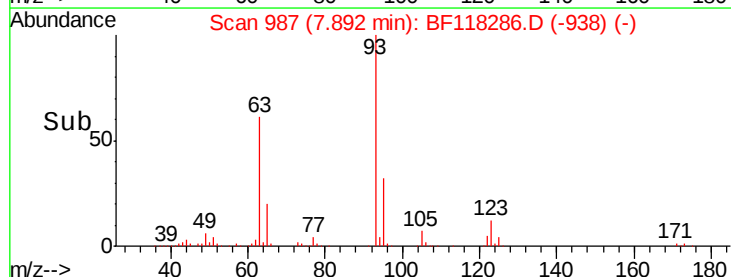


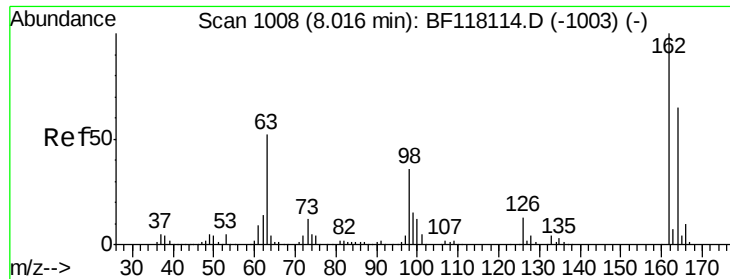
Abundance

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

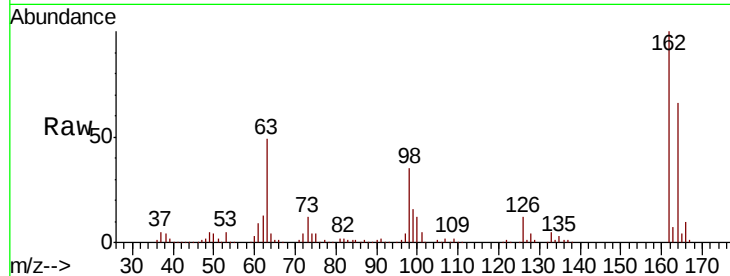




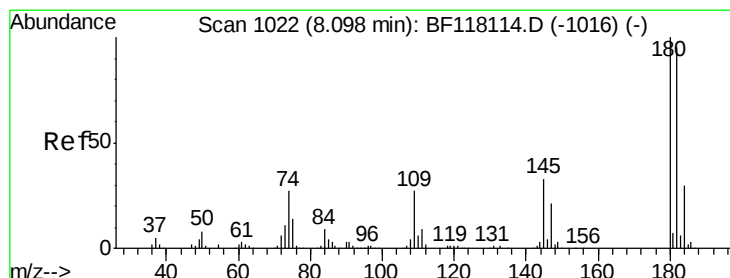
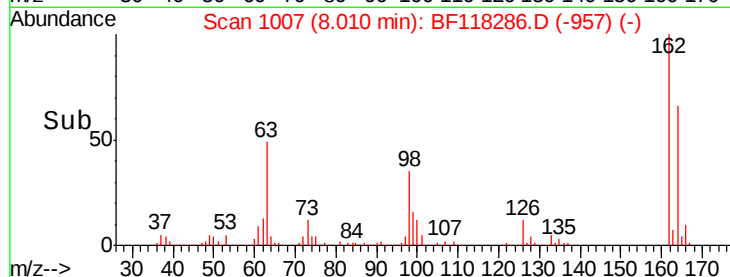
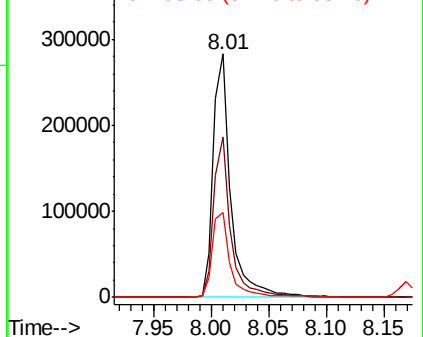
#29
2,4-Dichlorophenol
Concen: 47.300 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.2	85.2
98	35.1	15.9	55.9

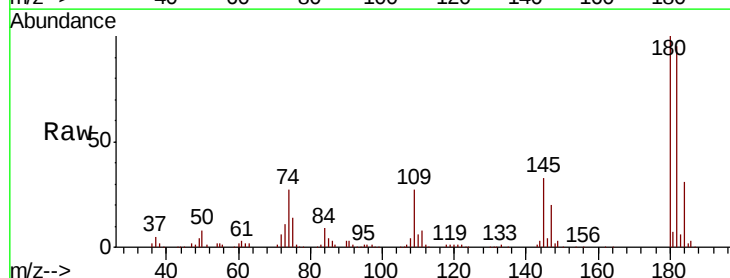


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

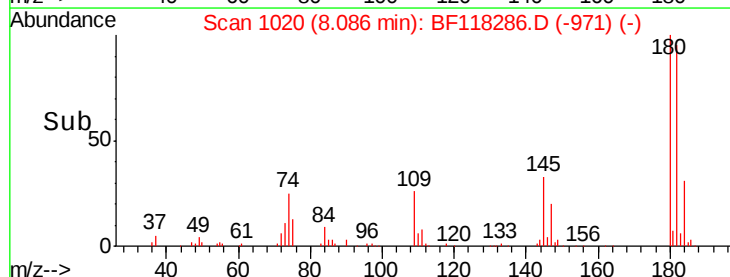
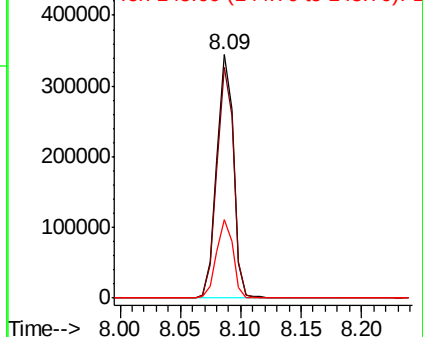


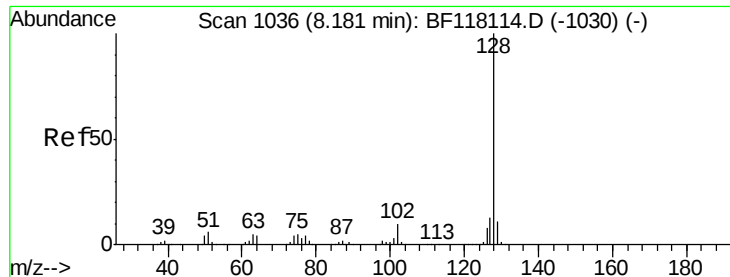
#30
1,2,4-Trichlorobenzene
Concen: 44.265 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	32.5	26.1	39.1



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

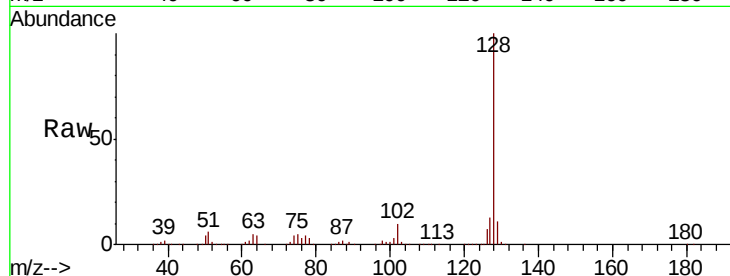




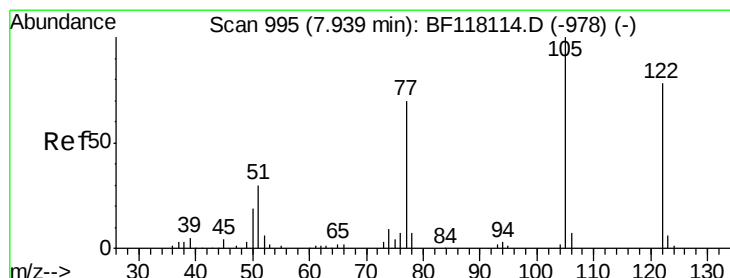
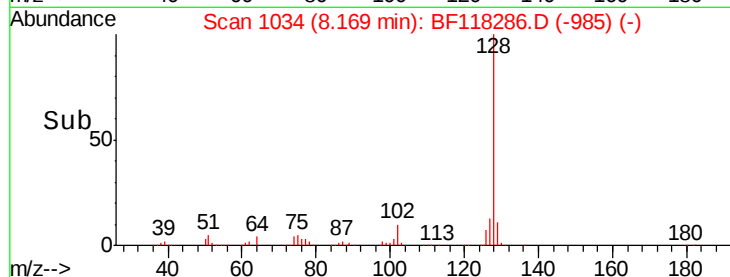
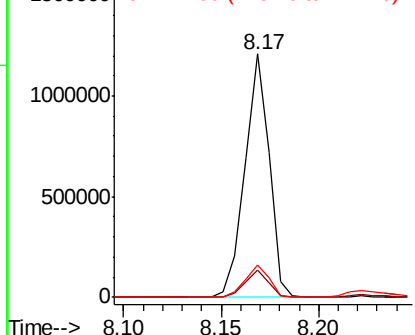
#31
Naphthalene
Concen: 47.749 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1044344
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.6 16.0

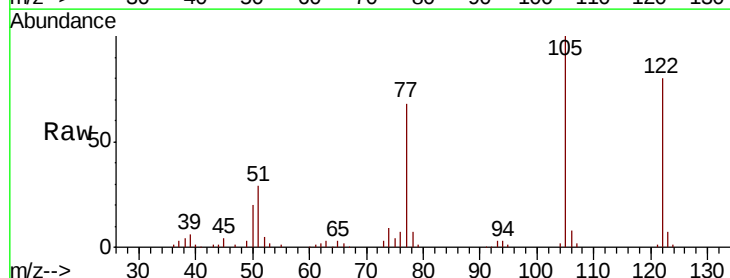


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

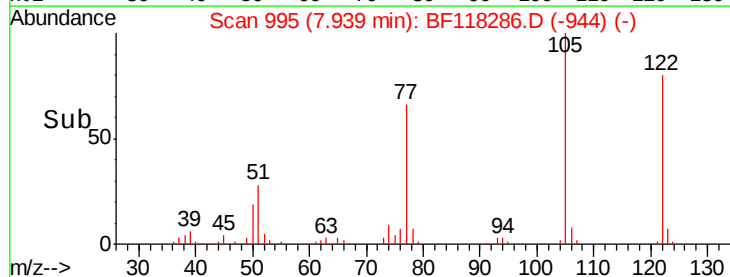
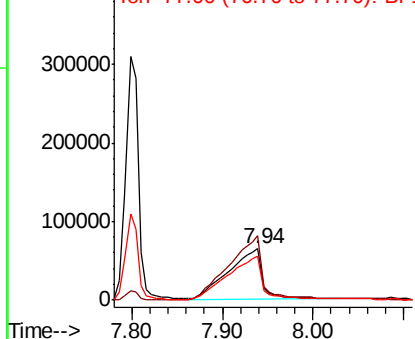


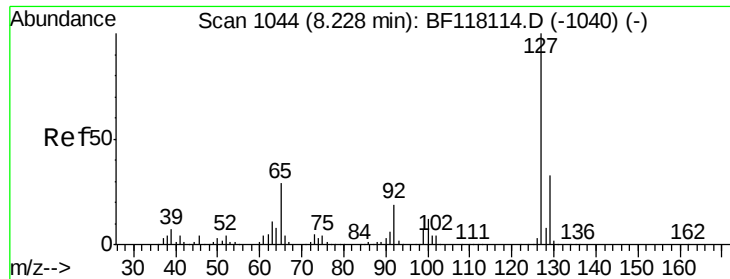
#32
Benzoic acid
Concen: 34.709 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:122 Resp: 169932
Ion Ratio Lower Upper
122 100
105 125.0 104.7 144.7
77 85.5 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

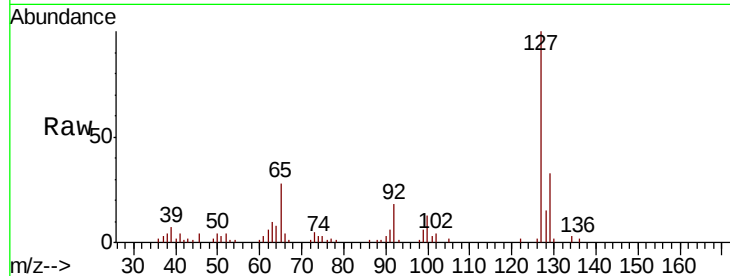




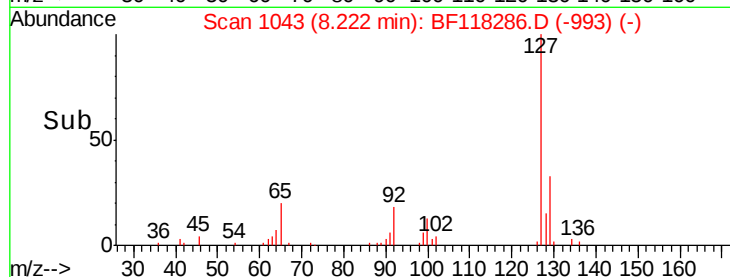
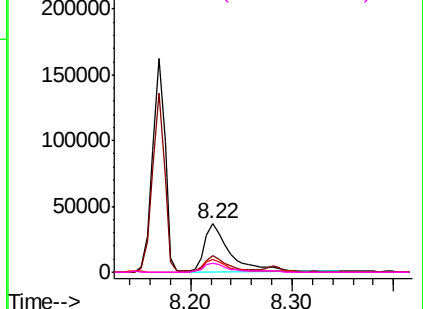
#33
4-Chloroaniline
Concen: 6.842 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	64610
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	27.8	23.2	34.8
92	18.5	15.4	23.0

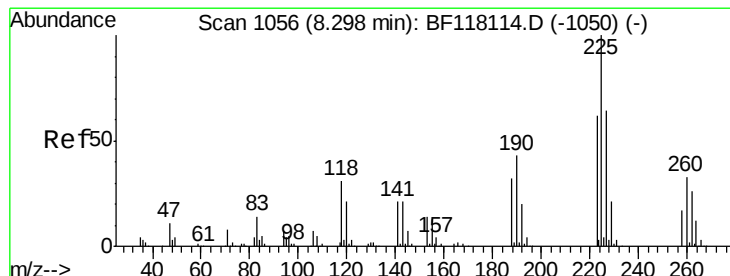


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

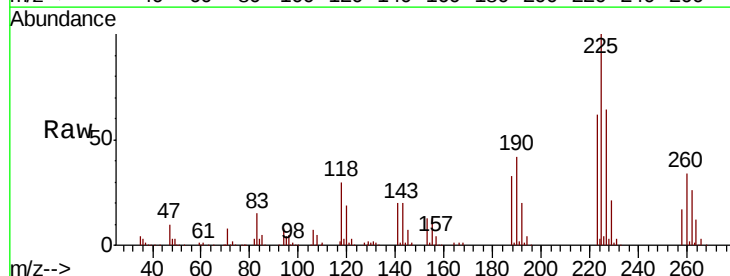
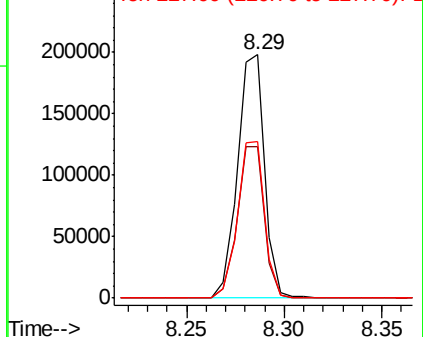


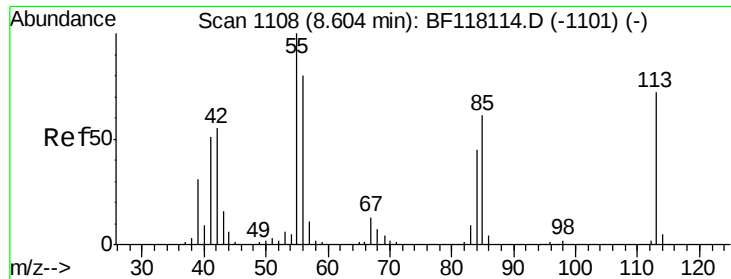
#34
Hexachlorobutadiene
Concen: 42.712 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:	225	Resp:	189204
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.6	74.4
227	64.3	51.0	76.6



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

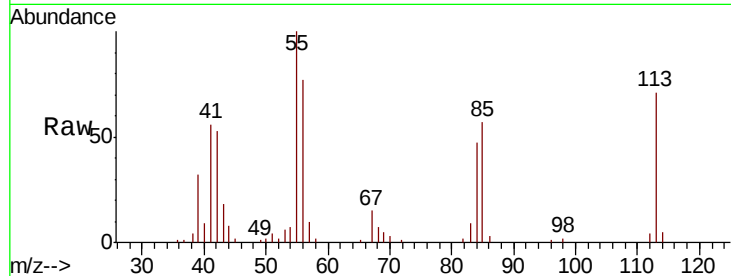




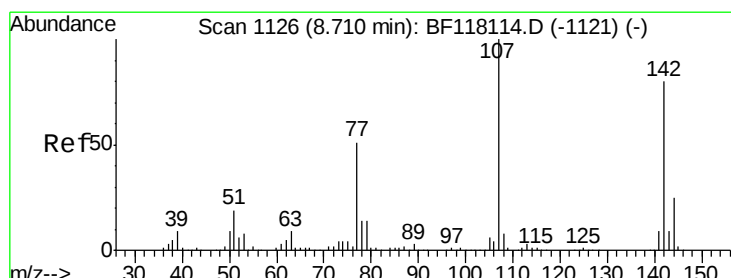
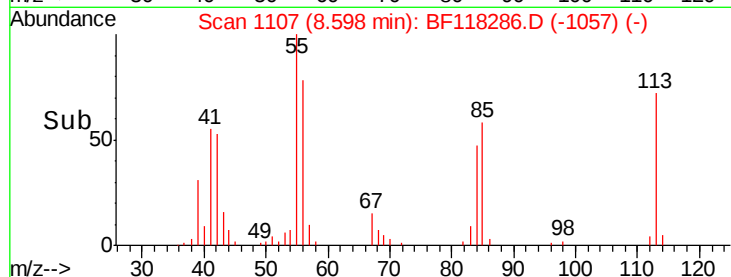
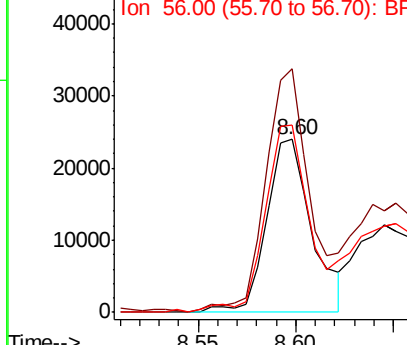
#35
 Caprolactam
 Concen: 19.612 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 38231
 Ion Ratio Lower Upper
 113 100
 55 140.7 118.9 158.9
 56 108.3 91.4 131.4

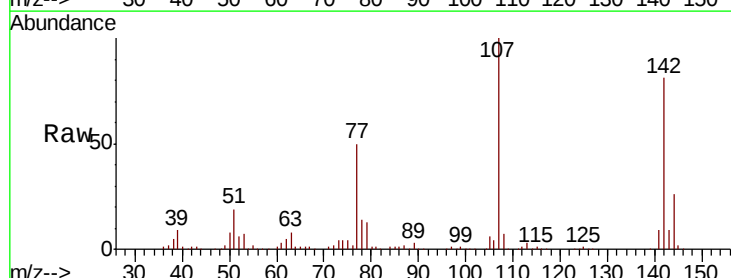


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

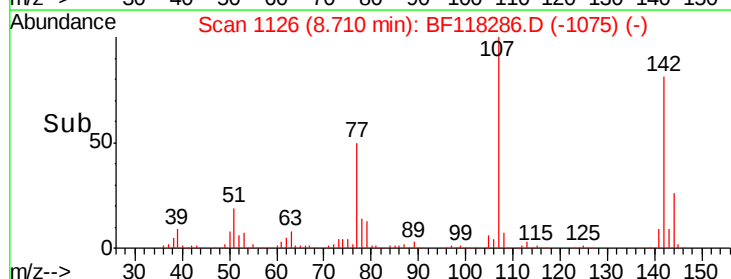
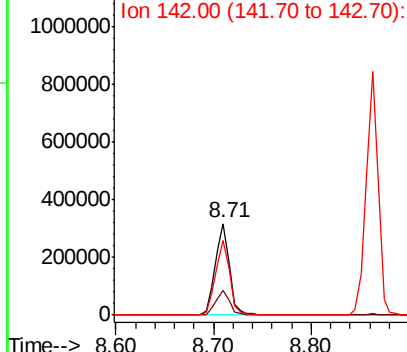


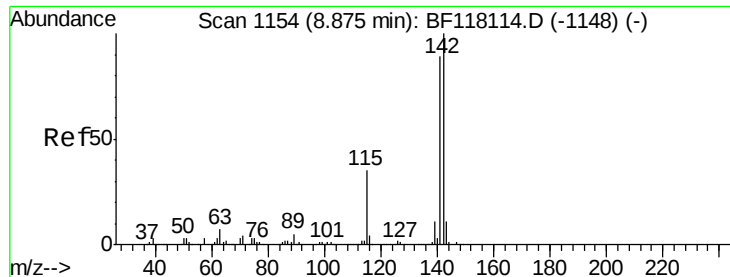
#36
 4-Chloro-3-methylphenol
 Concen: 48.310 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:107 Resp: 321365
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.3 30.5
 142 81.5 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

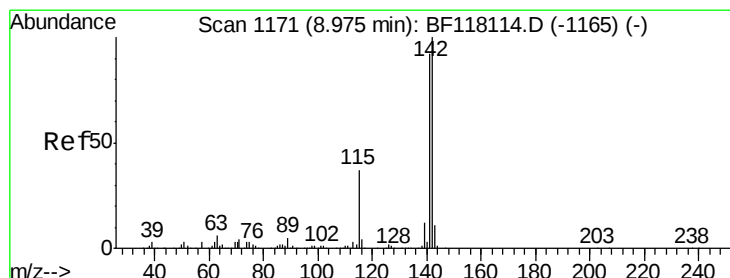
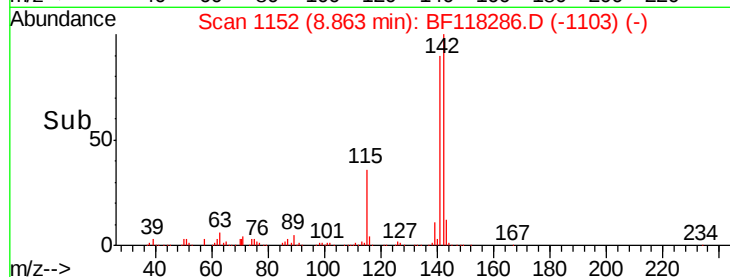
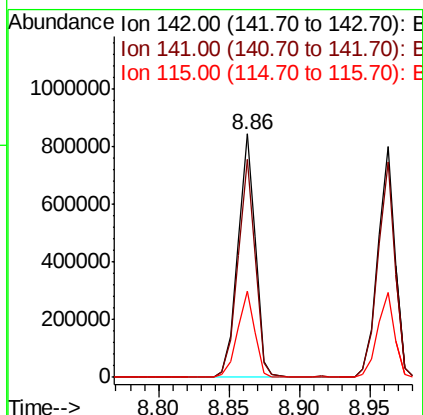
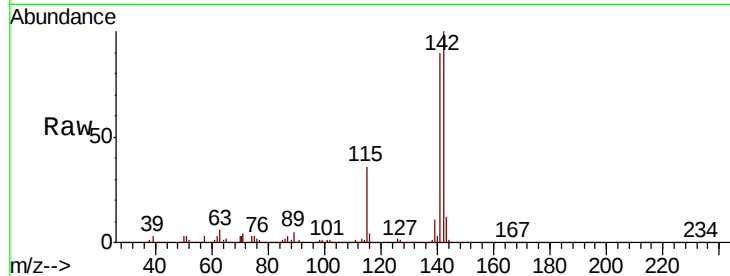




#37
2-Methylnaphthalene
Concen: 49.123 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

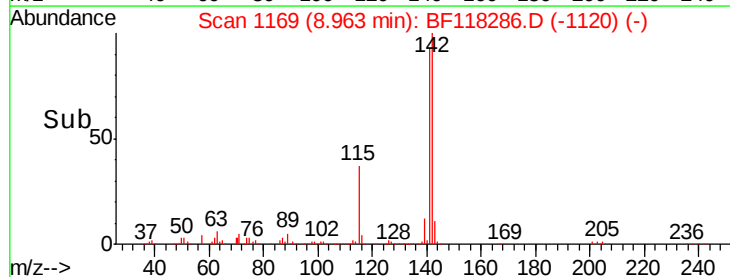
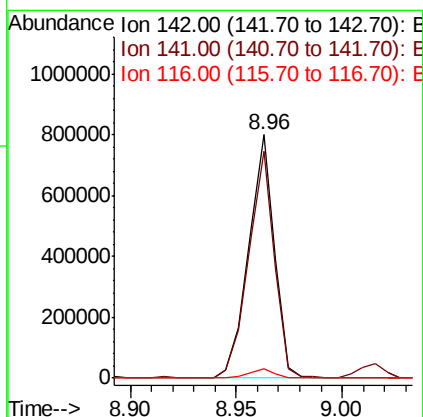
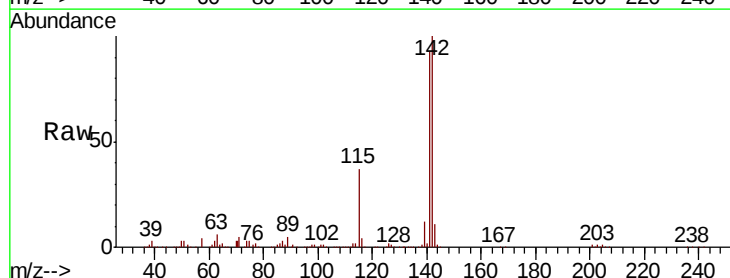
Instrument :
BNA_F
ClientSampleId :

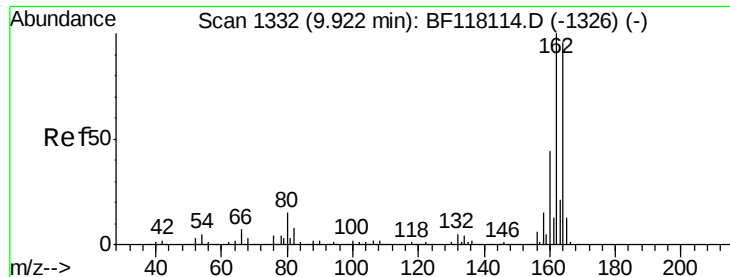
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	35.5	28.2	42.4



#38
1-Methylnaphthalene
Concen: 48.734 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.0	111.0
116	3.8	3.2	4.8

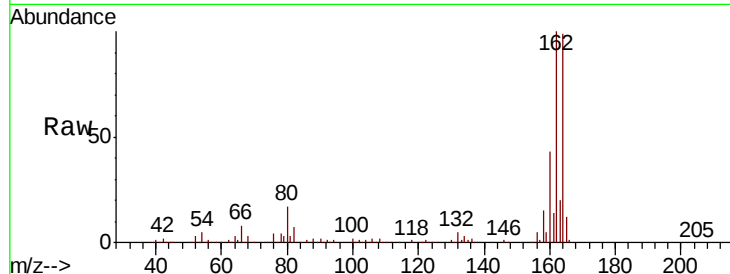




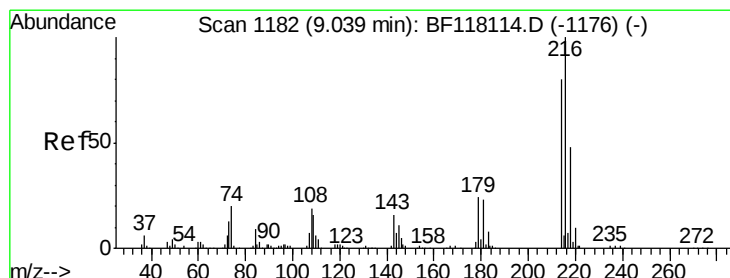
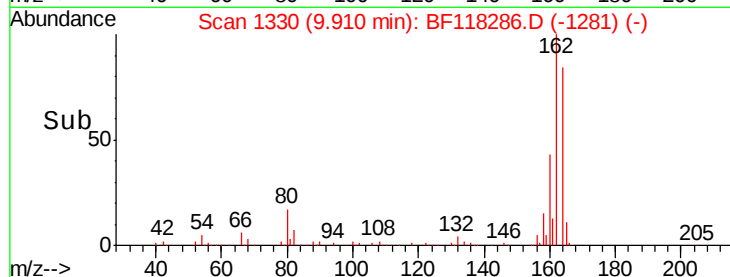
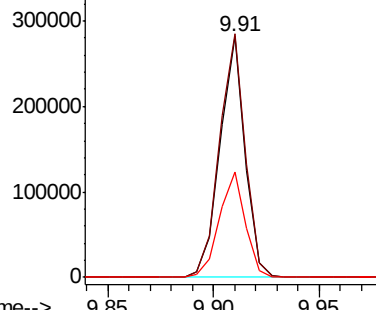
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.0
160	43.8	36.6	54.8



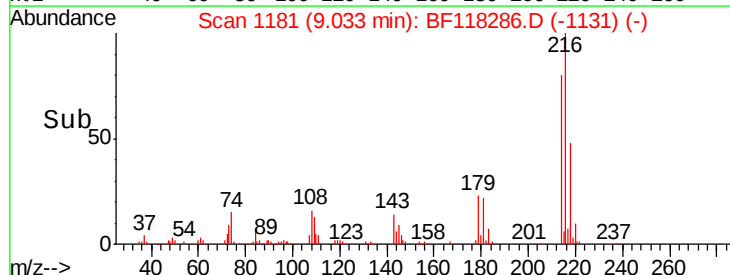
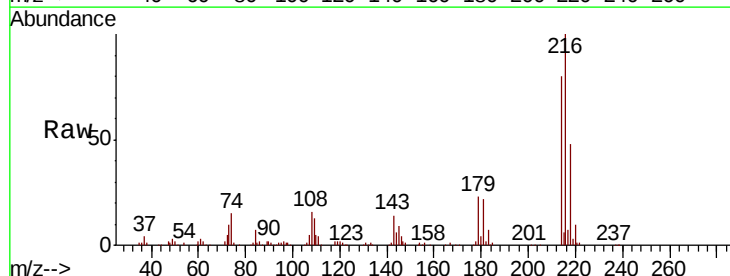
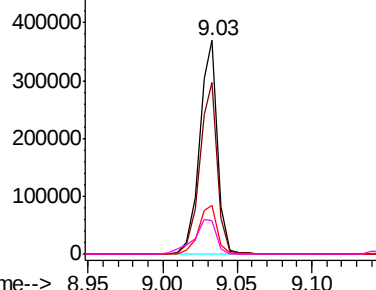
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

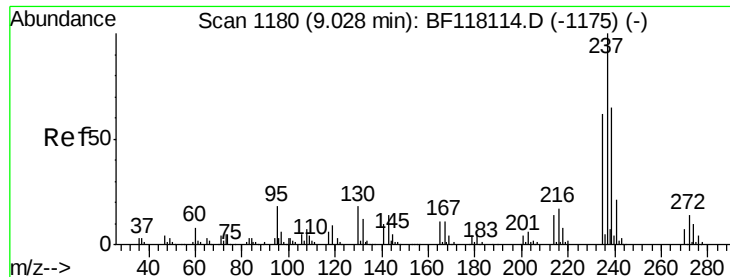


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.456 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	23.5	18.6	27.8
108	21.0	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: 96.579 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

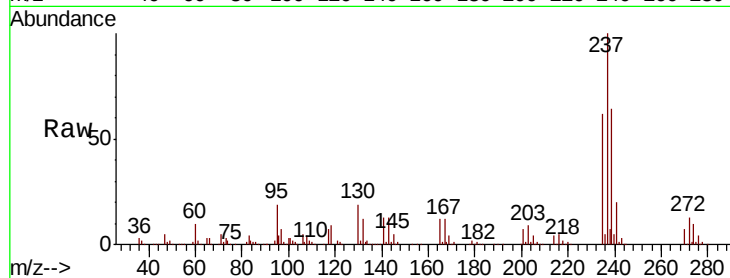
Tot Ion:237 Resp: 304758

Ion Ratio Lower Upper

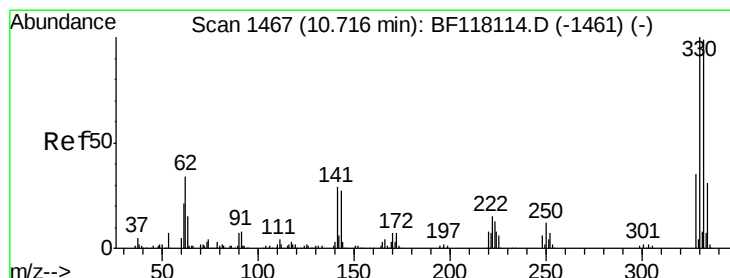
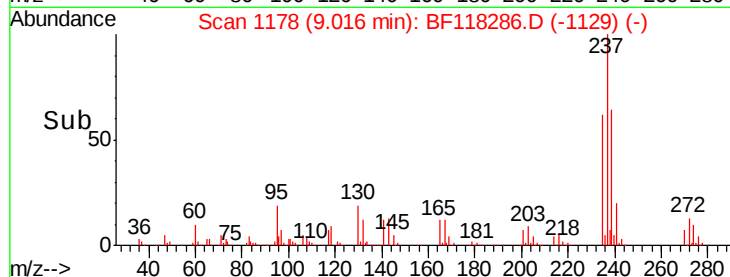
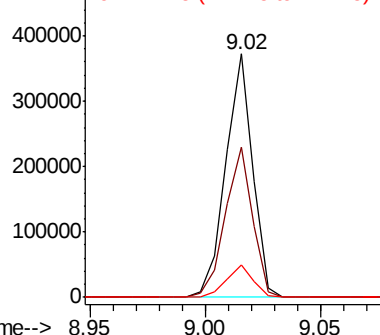
237 100

235 61.6 41.5 81.5

272 13.1 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: 150.196 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

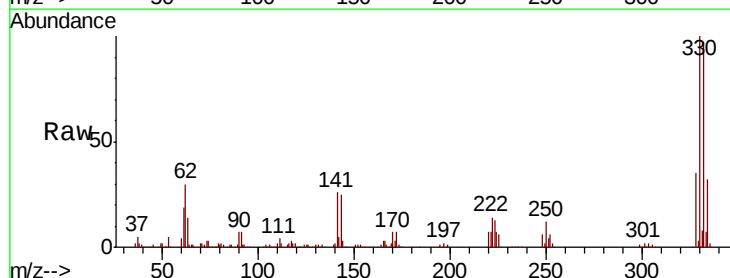
Tgt Ion:330 Resp: 424195

Ion Ratio Lower Upper

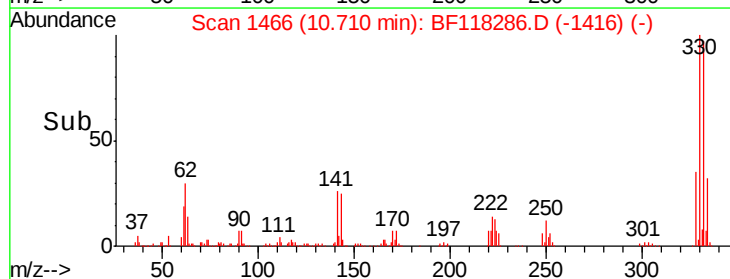
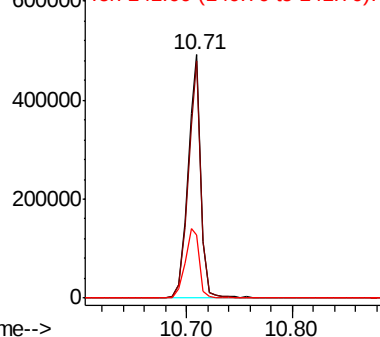
330 100

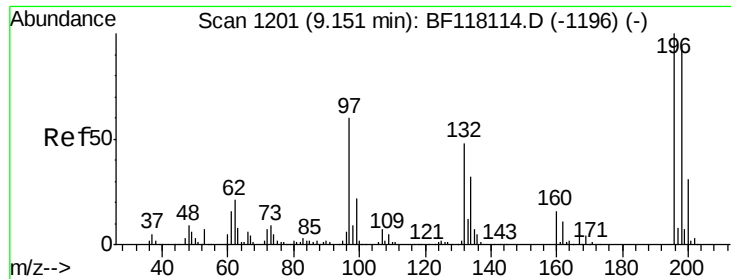
332 96.6 78.1 117.1

141 32.1 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

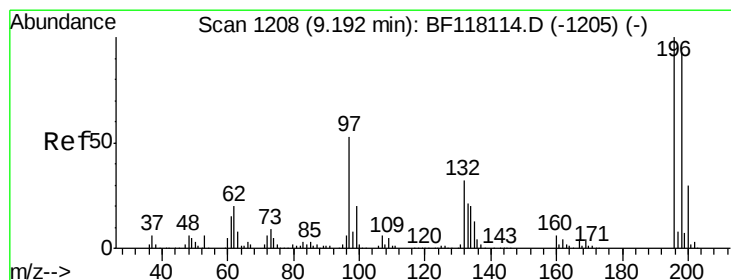
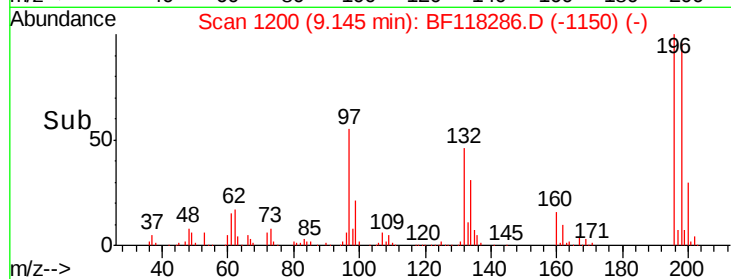
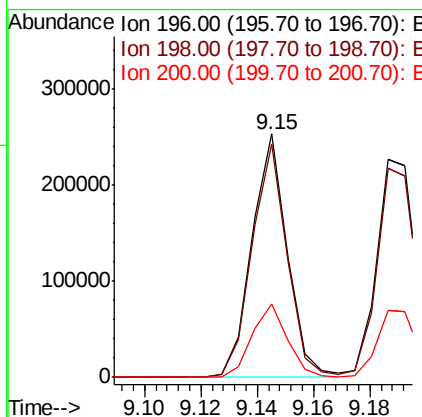
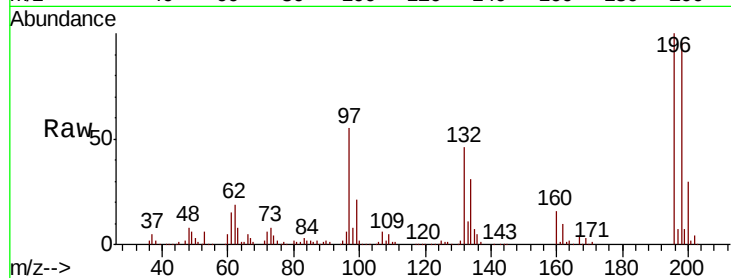




#43
 2,4,6-Trichlorophenol
 Concen: 46.719 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

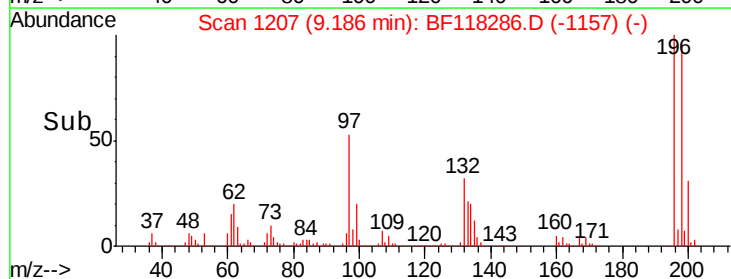
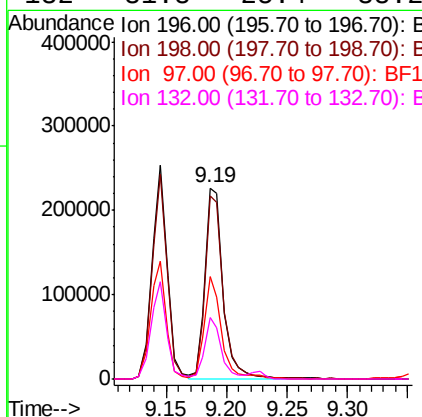
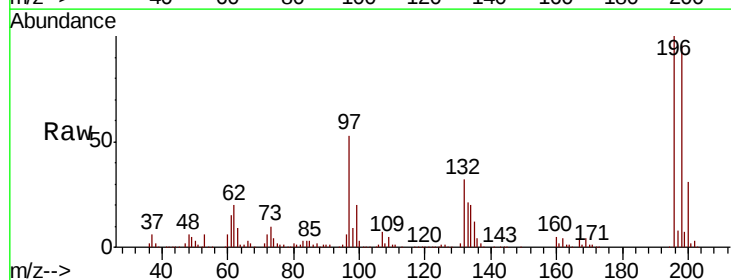
Instrument :
 BNA_F
 ClientSampleId :

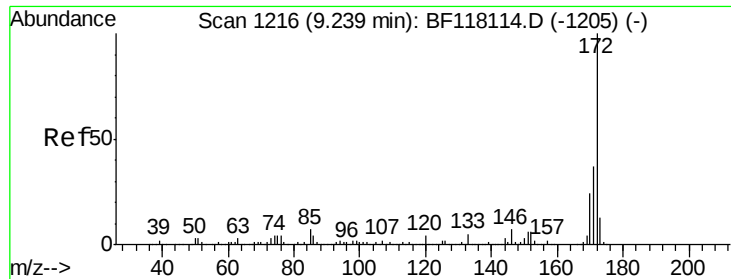
Tot Ion:196	Resp:	219692
Ion Ratio	Lower	Upper
196	100	
198	96.0	75.0 112.4
200	29.9	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 48.373 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:196	Resp:	235667
Ion Ratio	Lower	Upper
196	100	
198	95.8	74.2 111.4
97	53.4	42.5 63.7
132	31.8	25.4 38.2

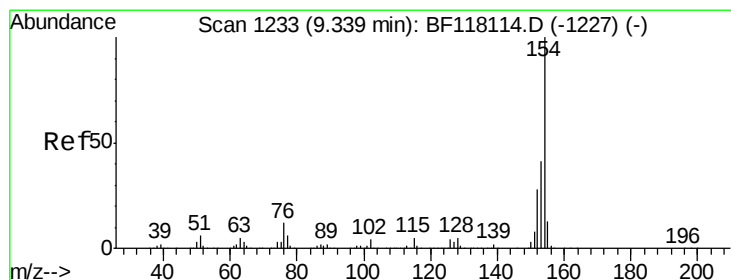
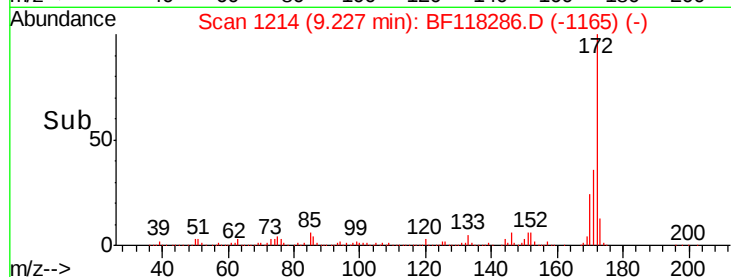
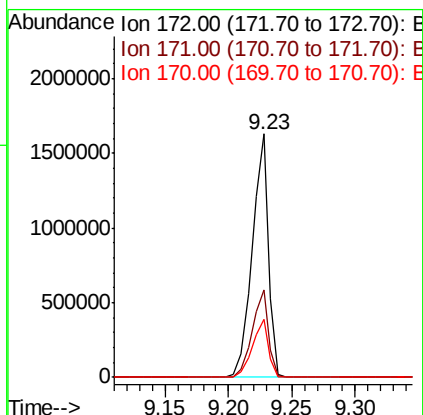
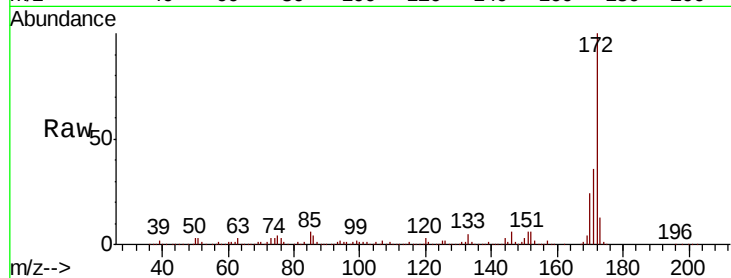




#45
2-Fluorobiphenyl
Concen: 95.422 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

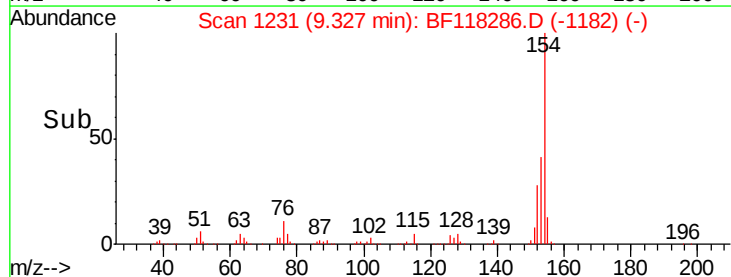
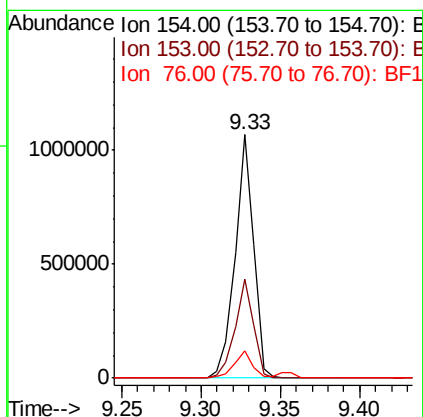
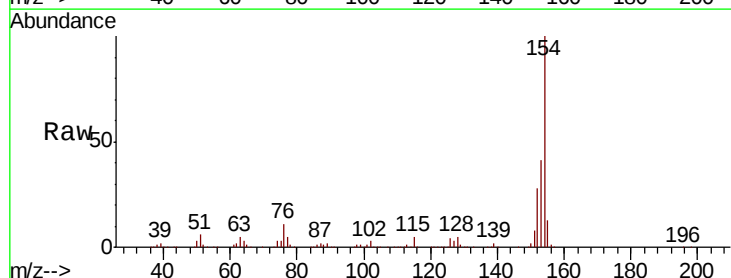
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1457918
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 47.289 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:154 Resp: 867095
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 11.3 0.0 31.9

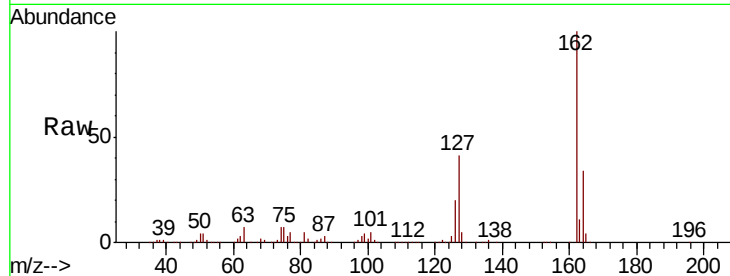




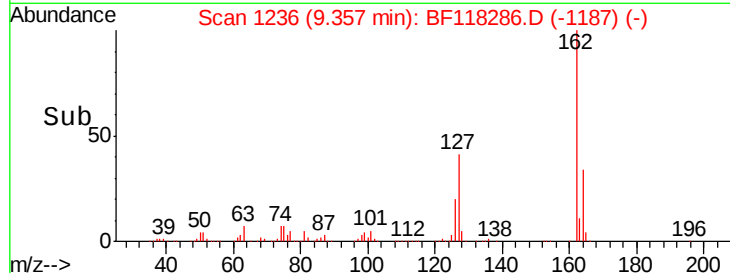
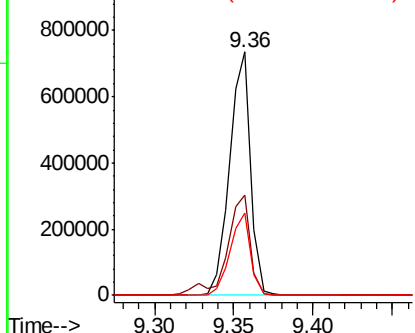
#47
 2-Chloronaphthalene
 Concen: 45.607 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 162 Resp: 672678
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.0 48.0
 164 33.7 26.1 39.1

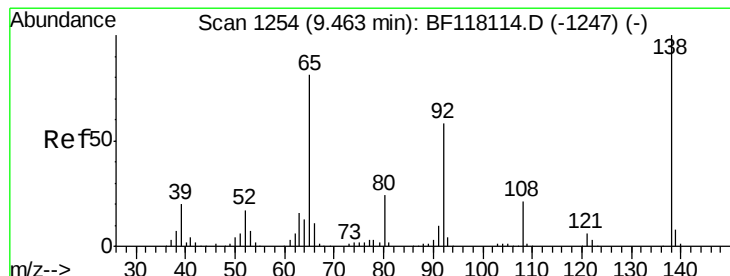


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

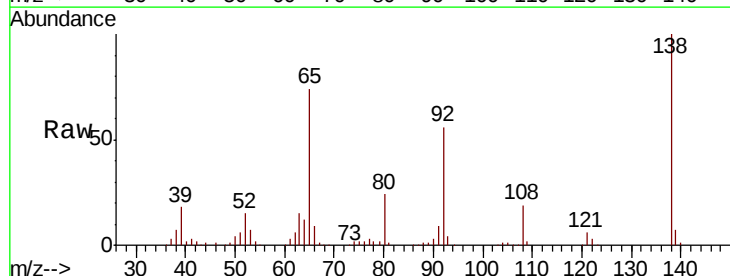
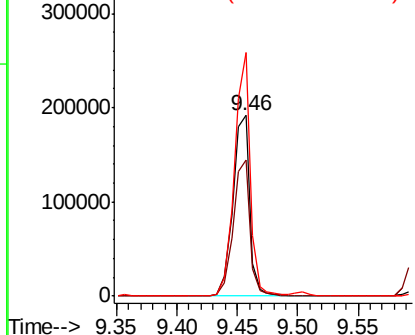


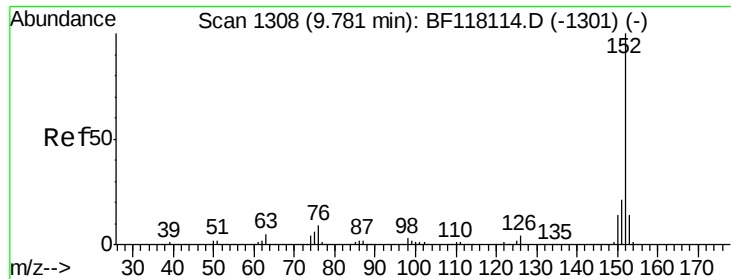
#48
 2-Nitroaniline
 Concen: 44.915 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion: 65 Resp: 188919
 Ion Ratio Lower Upper
 65 100
 92 75.1 57.8 86.6
 138 134.8 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: 48.988 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

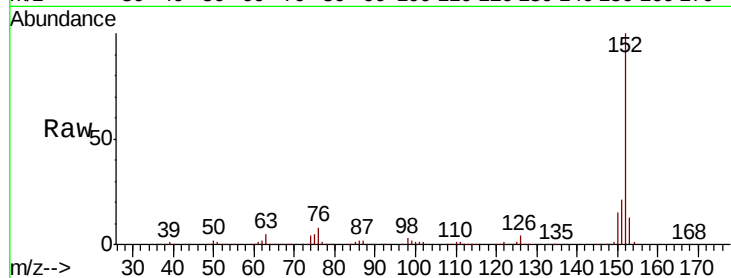
Tot Ion:152 Resp: 1065705

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

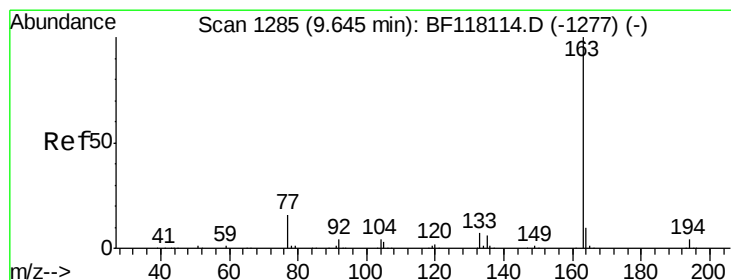
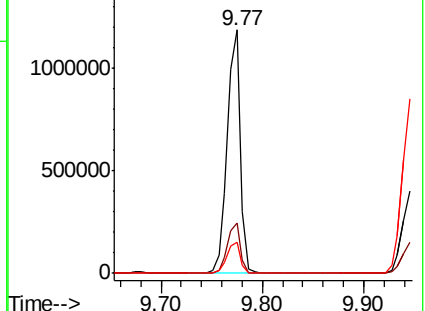
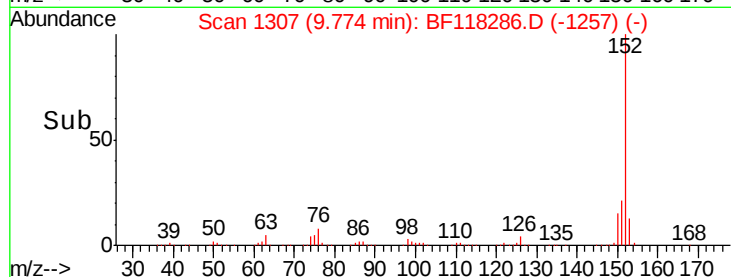
153 13.0 10.8 16.2



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: 47.493 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

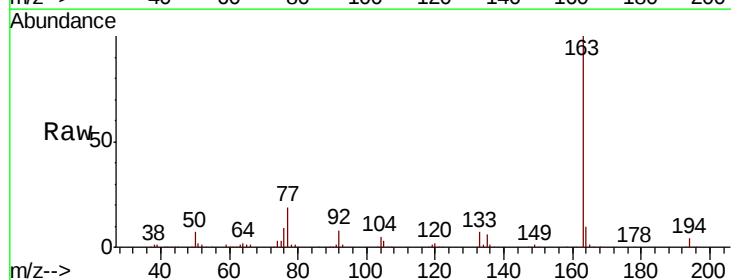
Tgt Ion:163 Resp: 815573

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

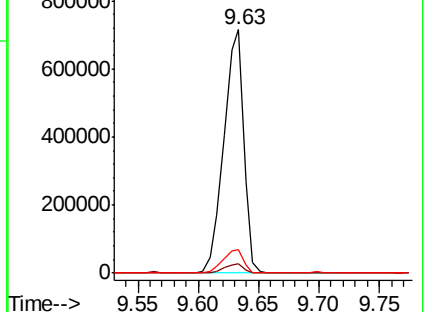
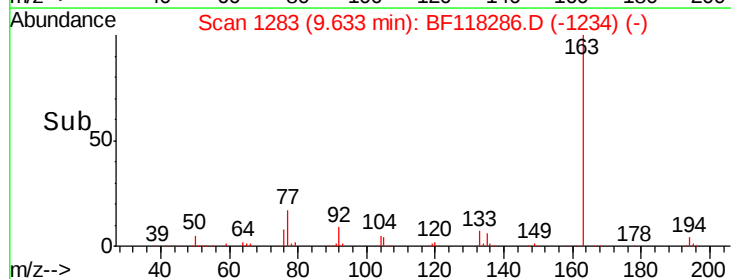
164 9.9 7.7 11.5

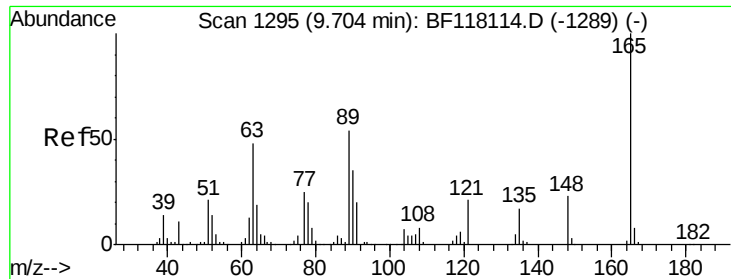


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

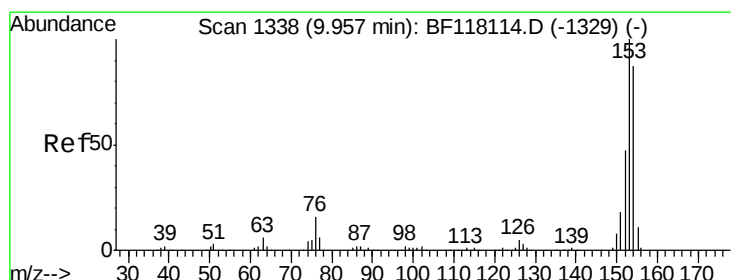
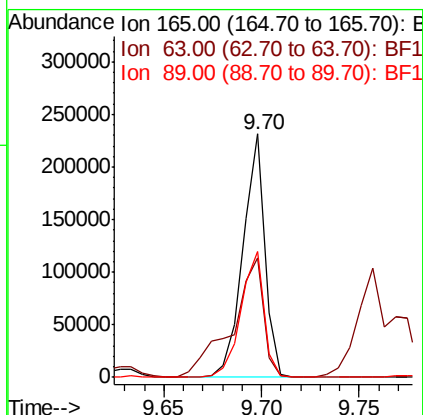
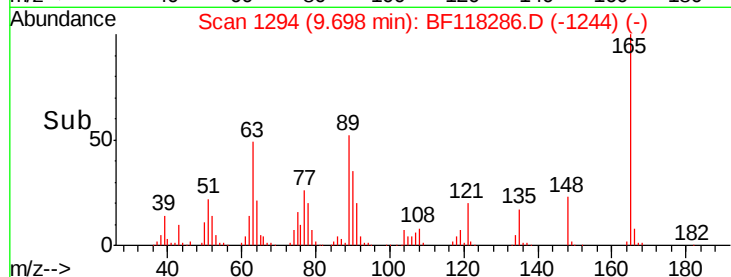
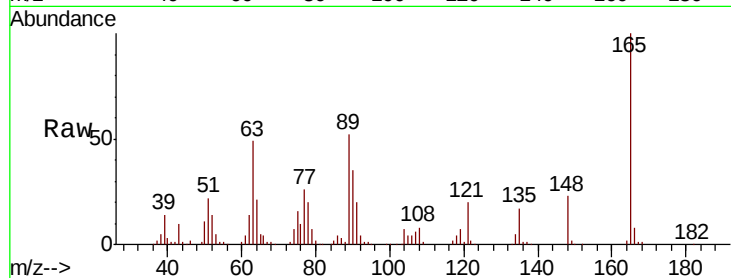




#51
2,6-Dinitrotoluene
Concen: 48.429 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

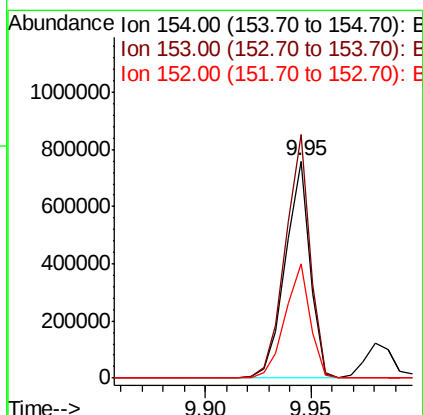
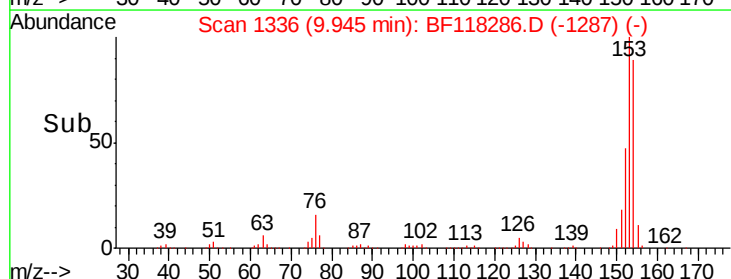
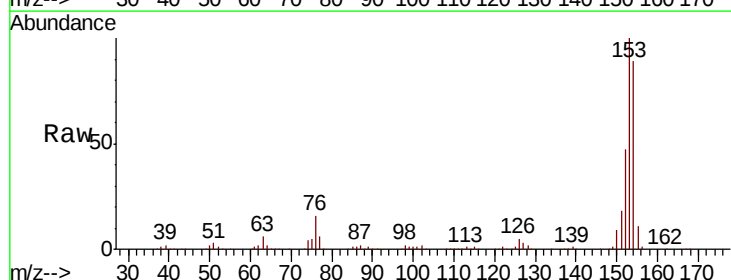
Instrument :
BNA_F
ClientSampleId :

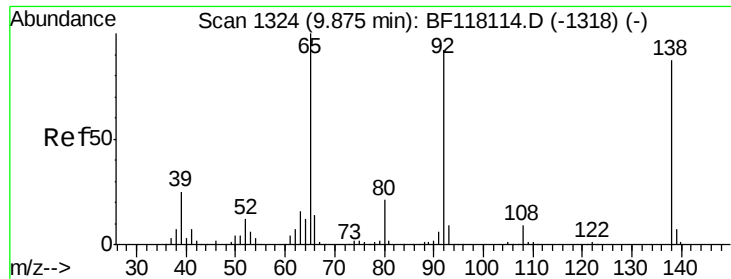
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	41.4	62.0
89	51.5	42.9	64.3



#52
Acenaphthene
Concen: 46.847 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.8	137.6
152	52.8	43.3	64.9

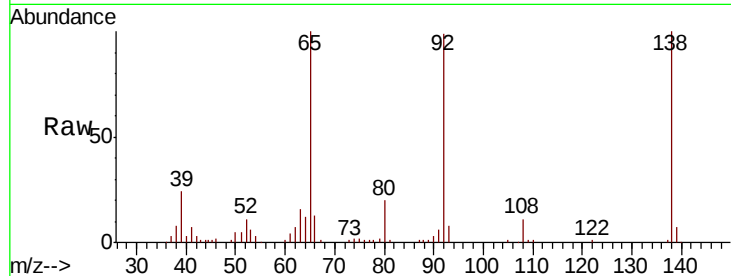




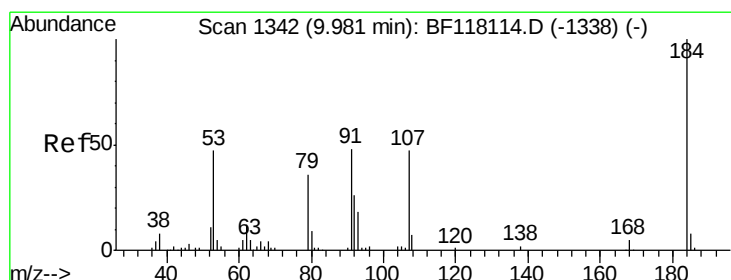
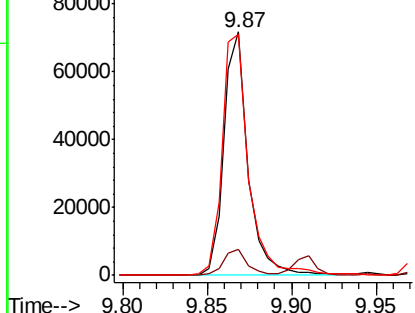
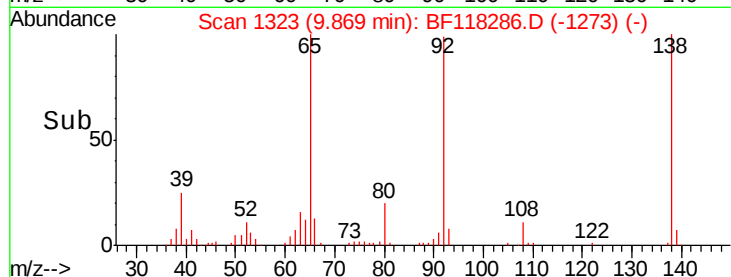
#53
 3-Nitroaniline
 Concen: 16.351 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 71852
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.2 12.4
 92 99.1 84.9 127.3

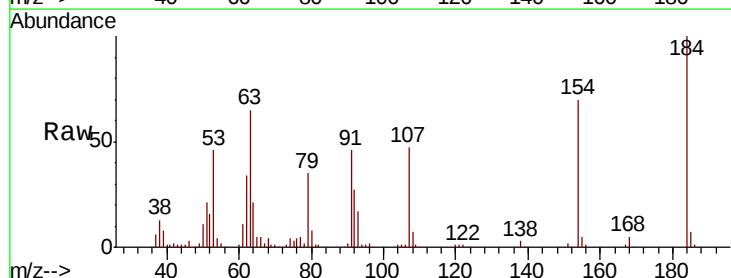


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

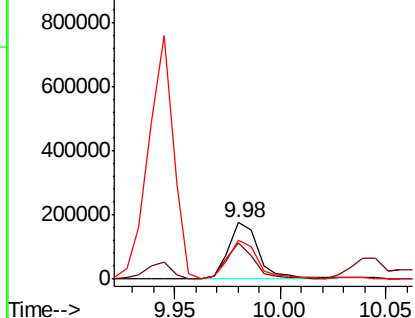
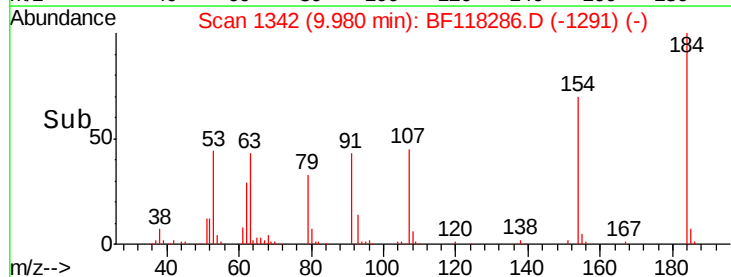


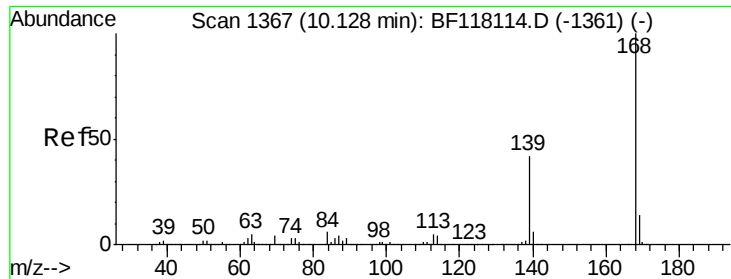
#54
 2,4-Dinitrophenol
 Concen: 95.376 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:184 Resp: 177183
 Ion Ratio Lower Upper
 184 100
 63 64.6 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

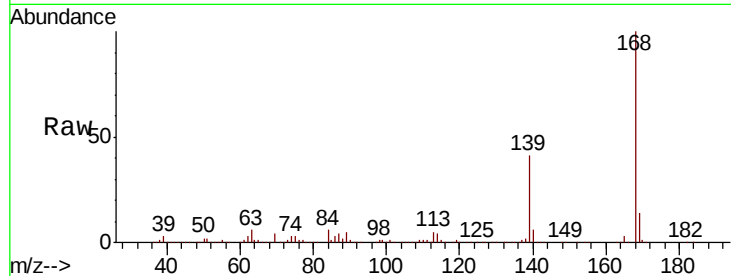




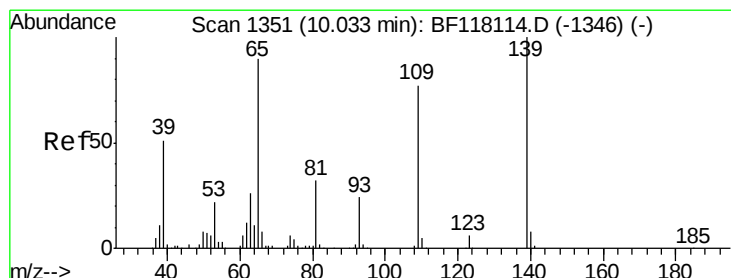
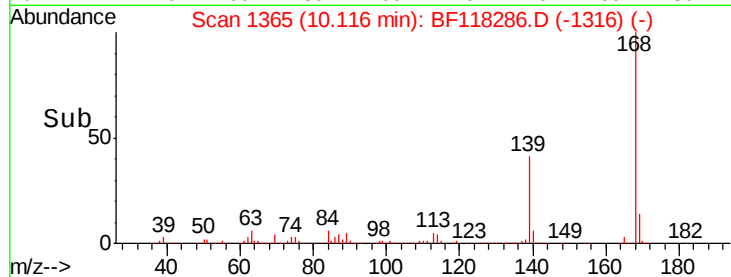
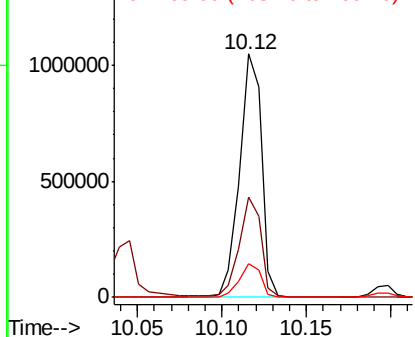
#55
Dibenzenofuran
Concen: 48.923 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 951860
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.0
169 13.8 11.0 16.6

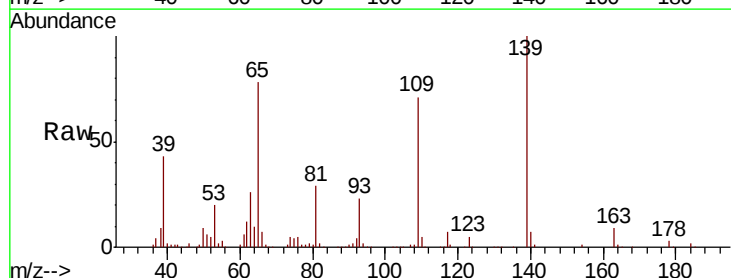


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

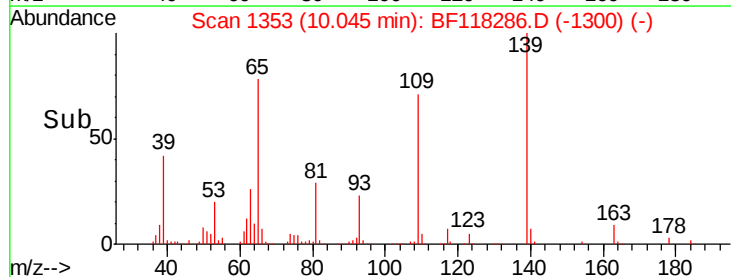
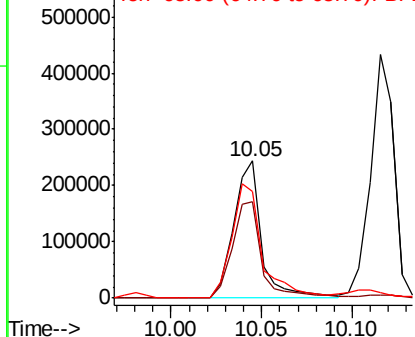


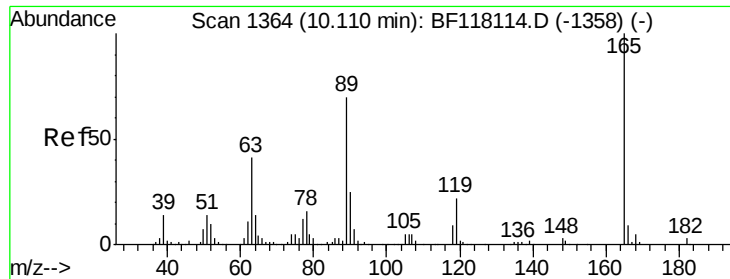
#56
4-Nitrophenol
Concen: 85.393 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:139 Resp: 260421
Ion Ratio Lower Upper
139 100
109 70.7 57.3 97.3
65 78.1 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

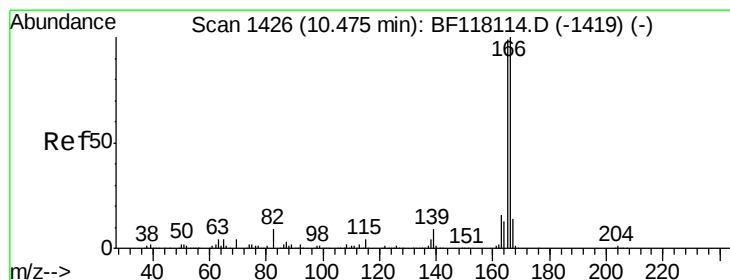
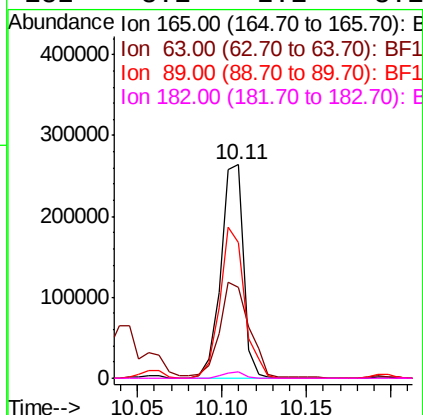
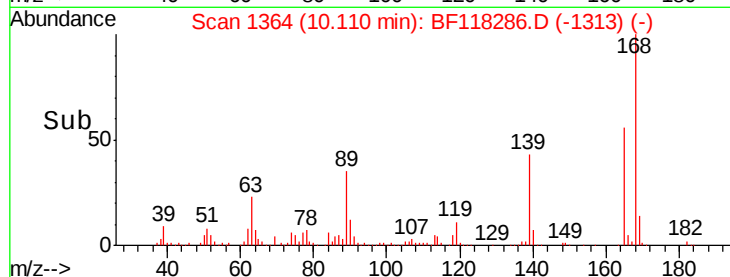
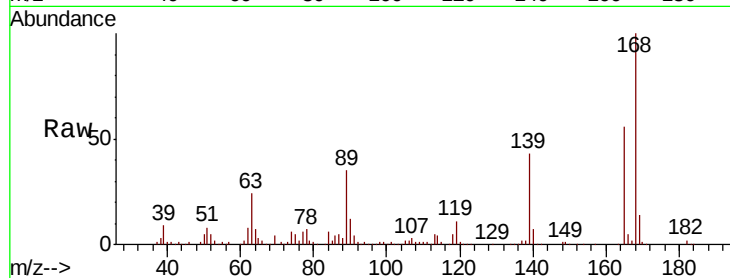




#57
2,4-Dinitrotoluene
Concen: 49.557 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

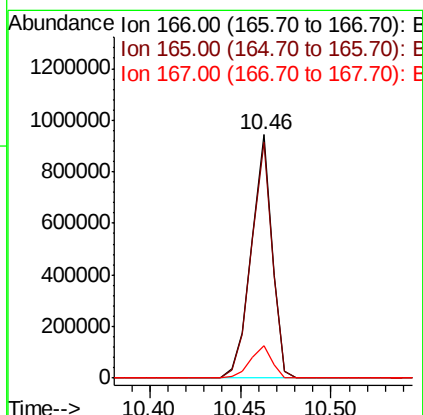
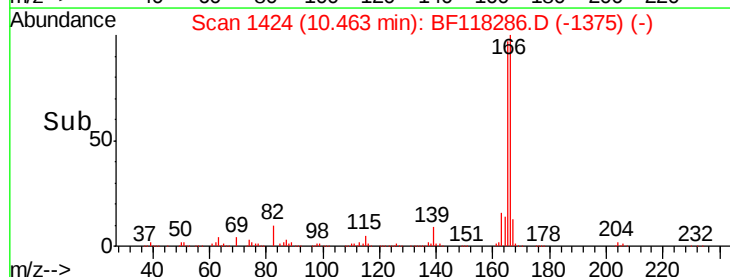
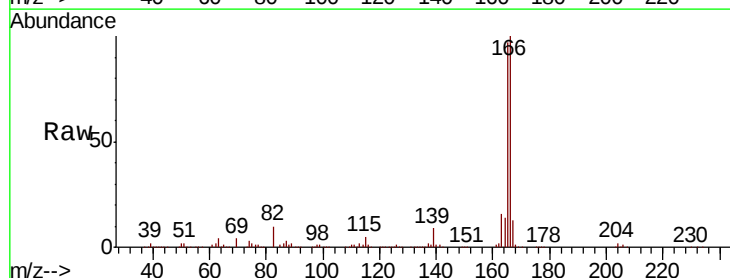
Instrument :
BNA_F
ClientSampleId :

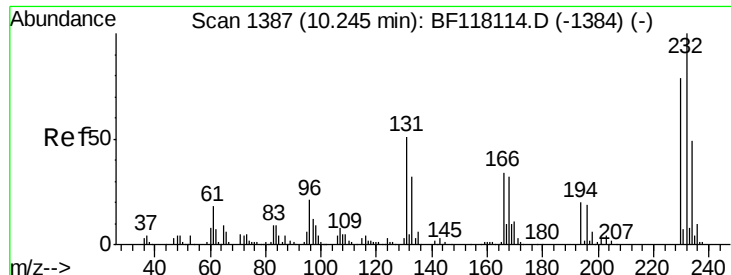
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.6	49.0
89	63.4	56.1	84.1
182	3.1	2.1	3.1



#58
Fluorene
Concen: 48.912 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.2	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.661 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 203625

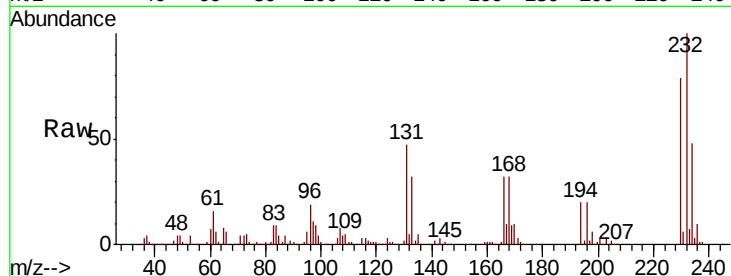
Ion Ratio Lower Upper

232 100

131 46.9 38.8 58.2

130 2.1 1.9 2.9

166 30.7 25.4 38.0

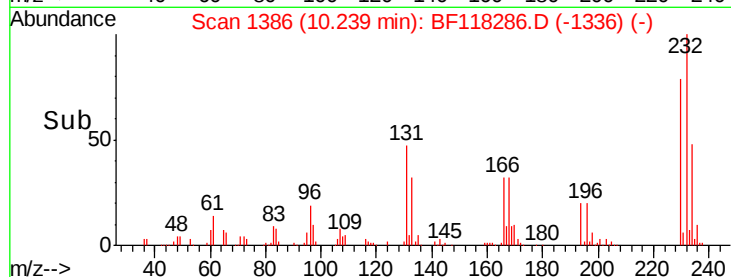


Abundance Ion 232.00 (231.70 to 232.70): E

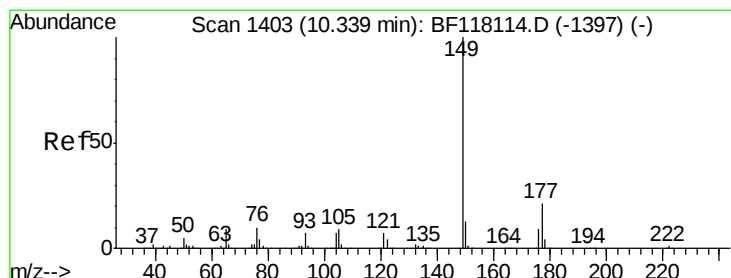
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 48.495 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

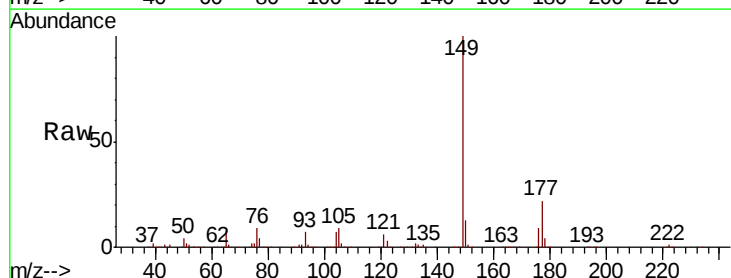
Tgt Ion:149 Resp: 820497

Ion Ratio Lower Upper

149 100

177 21.7 17.0 25.4

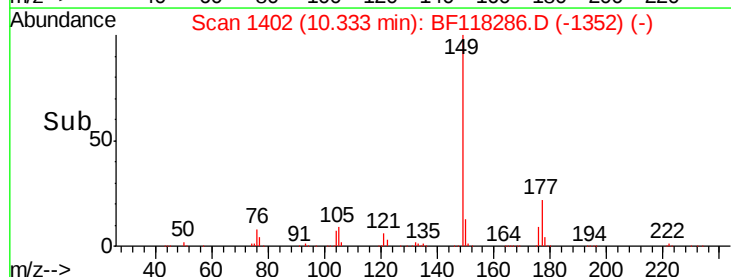
150 12.5 10.1 15.1



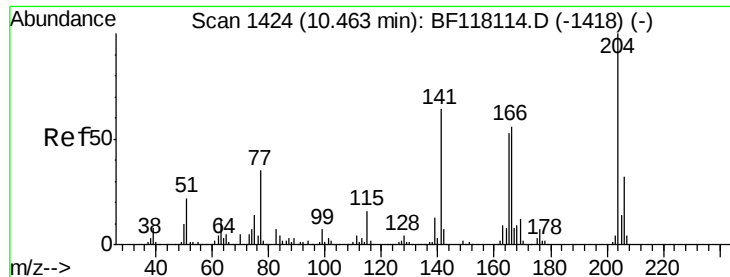
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



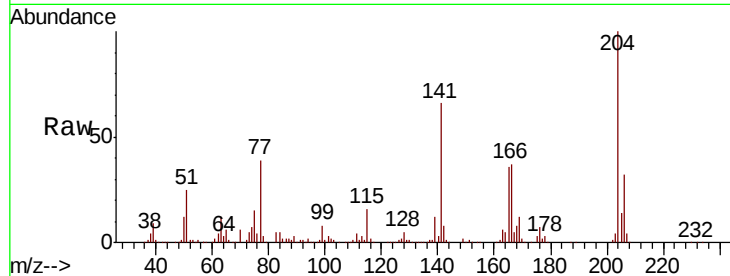
Time-->



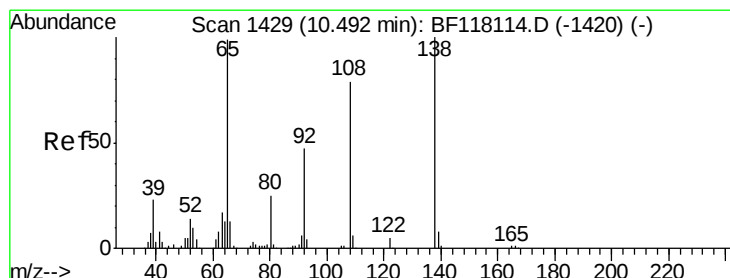
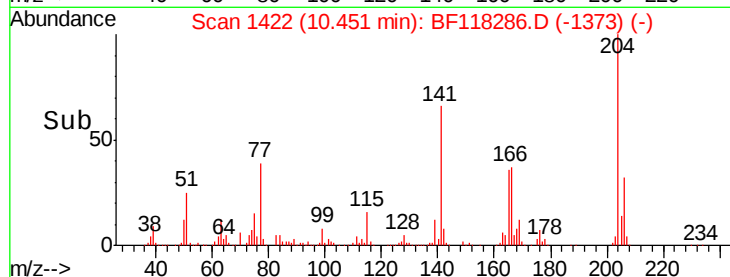
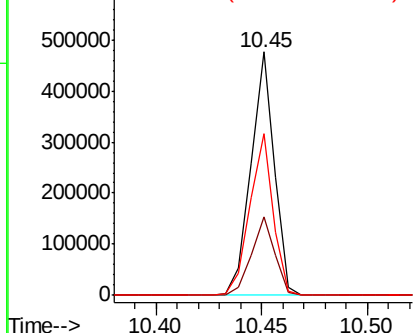
#61
4-Chlorophenyl-phenylether
Concen: 47.174 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 366998
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 66.4 51.0 76.6

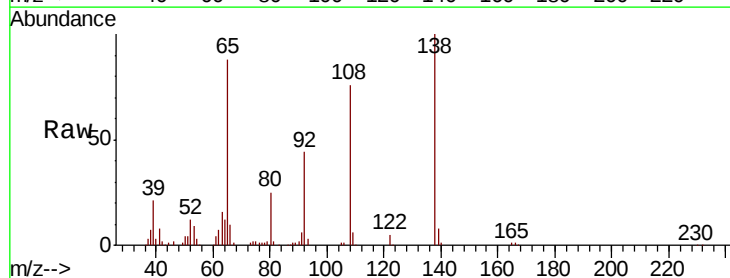


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

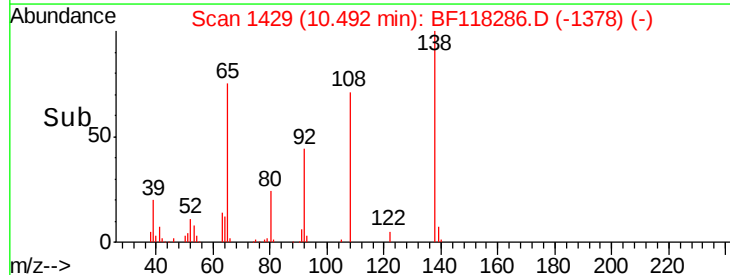
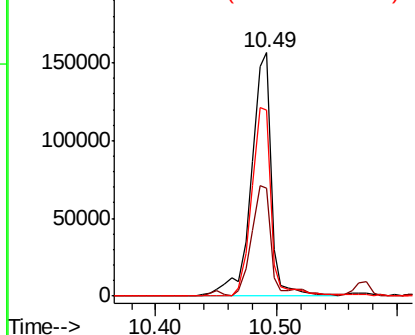


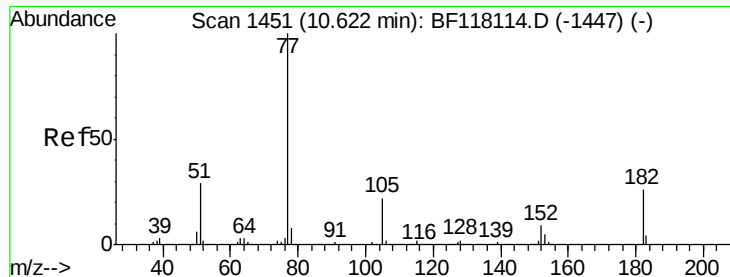
#62
4-Nitroaniline
Concen: 39.975 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:138 Resp: 183213
Ion Ratio Lower Upper
138 100
92 44.3 27.1 67.1
108 76.1 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: 48.748 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 704085

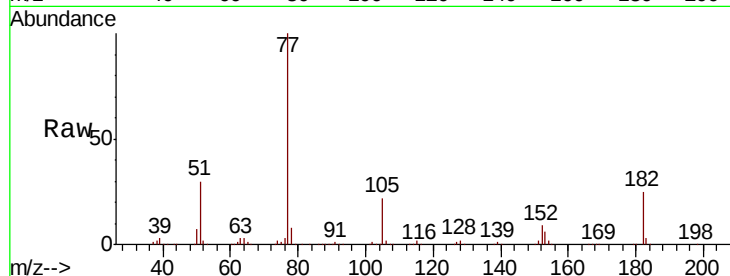
Ion Ratio Lower Upper

77 100

182 24.5 5.7 45.7

105 22.1 2.2 42.2

51 30.3 9.6 49.6

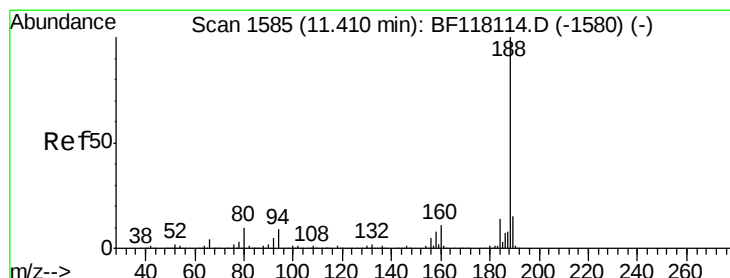
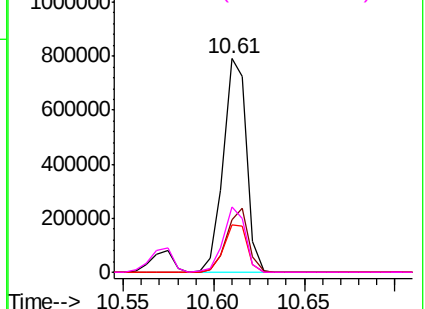
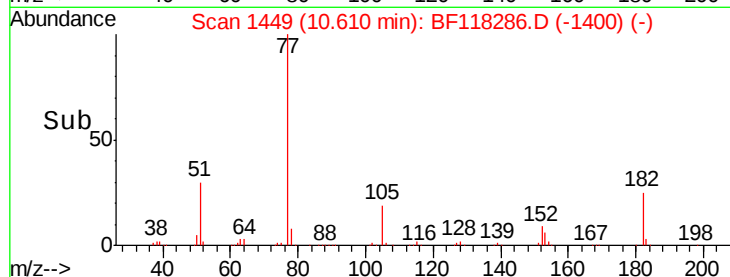


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

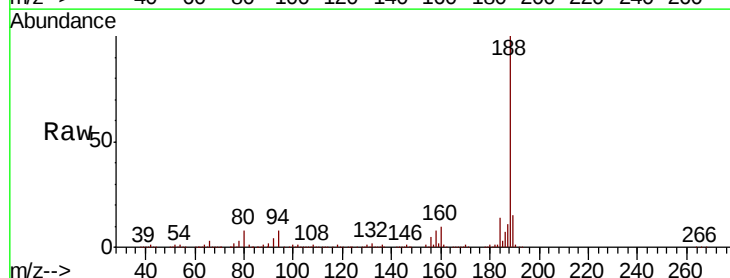
Tgt Ion: 188 Resp: 451569

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

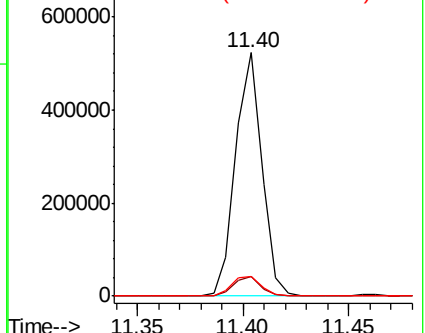
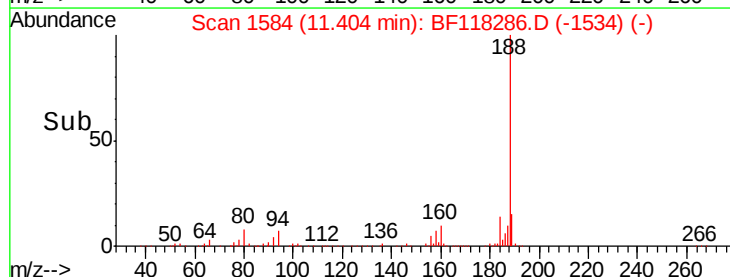
80 8.1 7.9 11.9

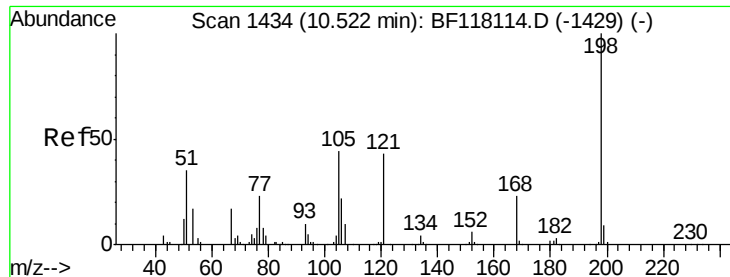


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

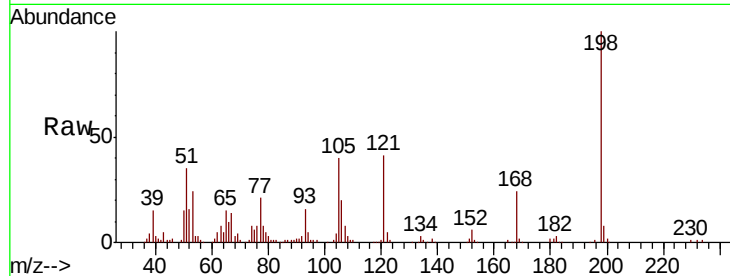




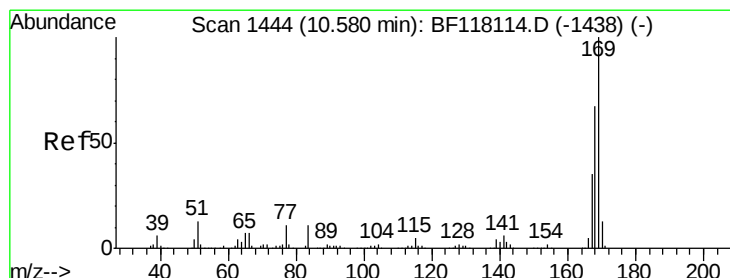
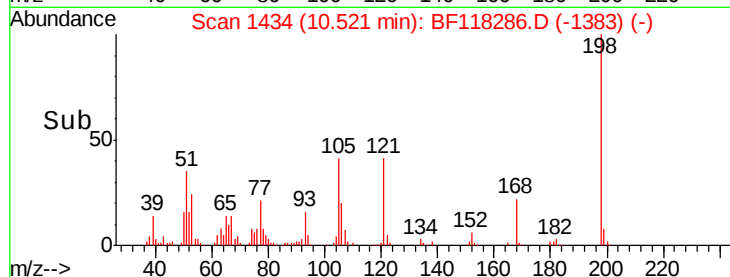
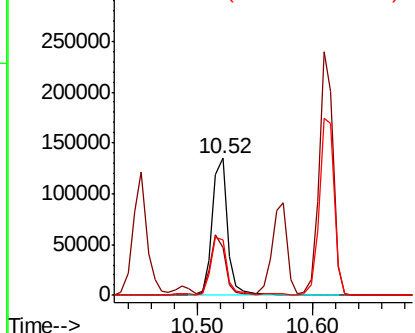
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.455 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 125824
 Ion Ratio Lower Upper
 198 100
 51 34.5 22.0 62.0
 105 40.4 25.6 65.6

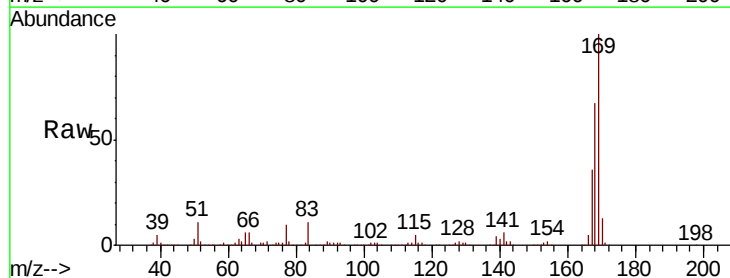


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

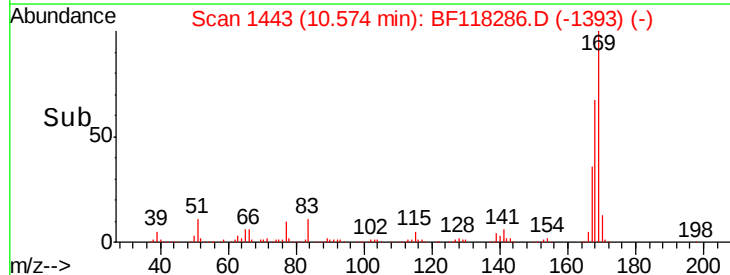
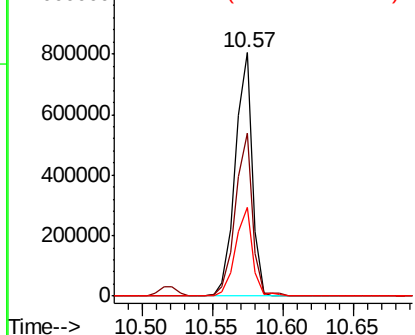


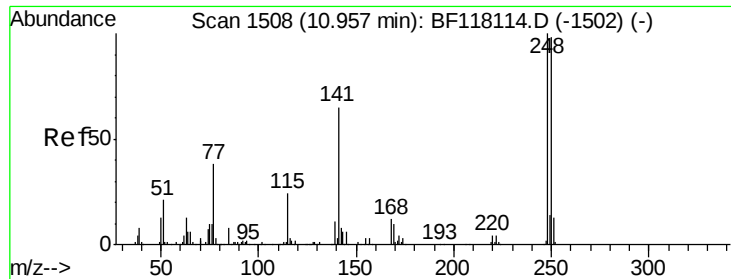
#66
 n-Nitrosodiphenylamine
 Concen: 47.761 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:169 Resp: 673505
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.2
 167 36.4 28.4 42.6



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

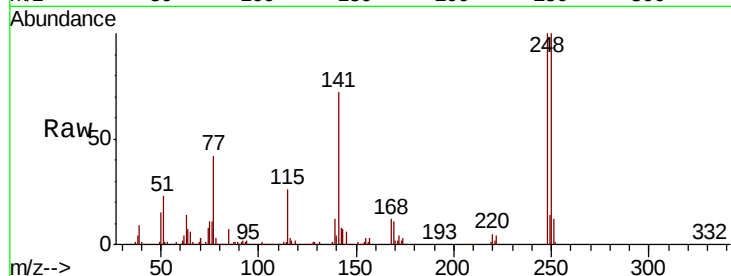




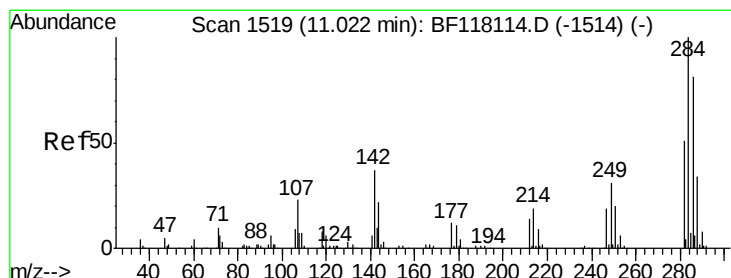
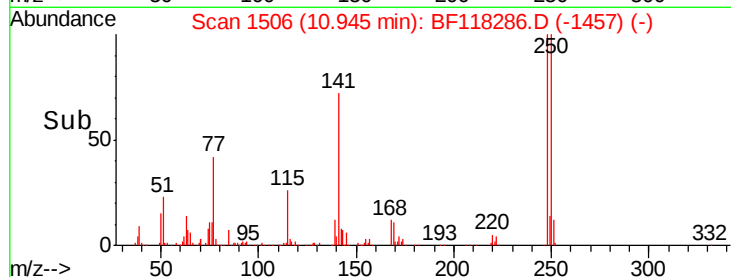
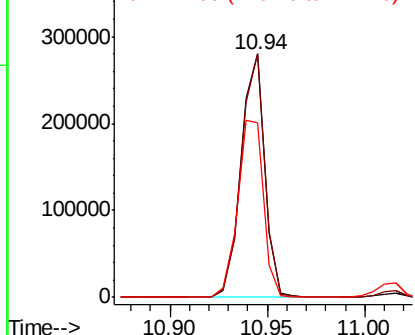
#67
4-Bromophenyl-phenylether
Concen: 45.655 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 235342
Ion Ratio Lower Upper
248 100
250 100.1 78.3 117.5
141 71.8 52.2 78.4

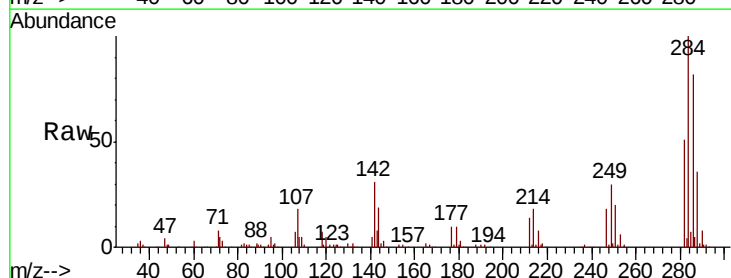


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

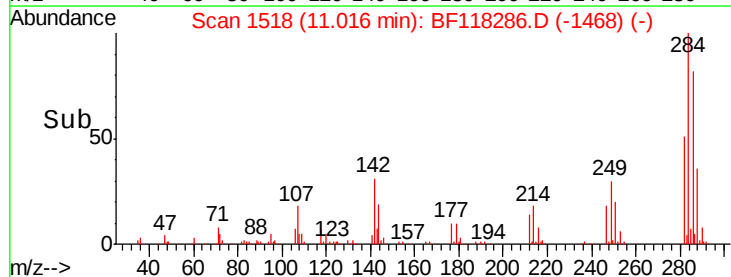
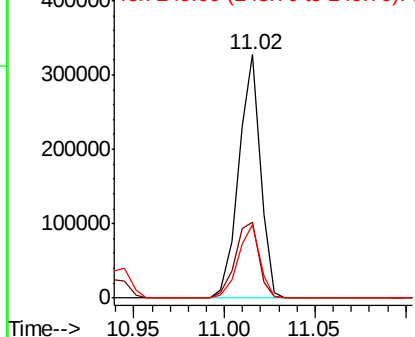


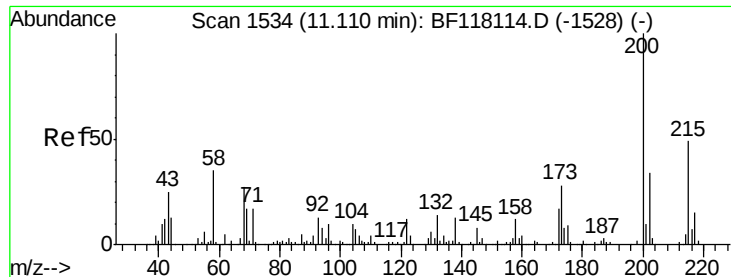
#68
Hexachlorobenzene
Concen: 44.797 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:284 Resp: 271796
Ion Ratio Lower Upper
284 100
142 31.0 29.7 44.5
249 29.9 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: Below Cal

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

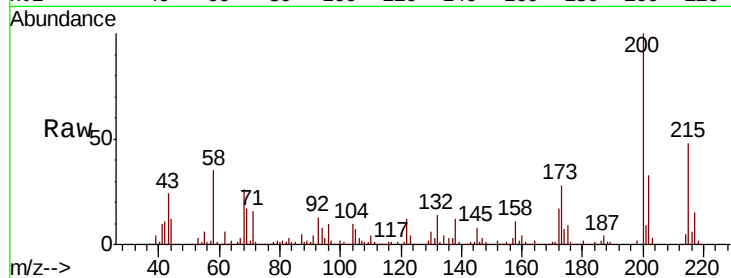
Tot Ion:200 Resp: 232084

Ion Ratio Lower Upper

200 100

173 27.6 8.1 48.1

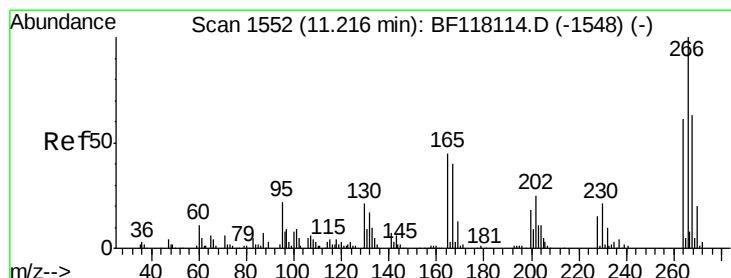
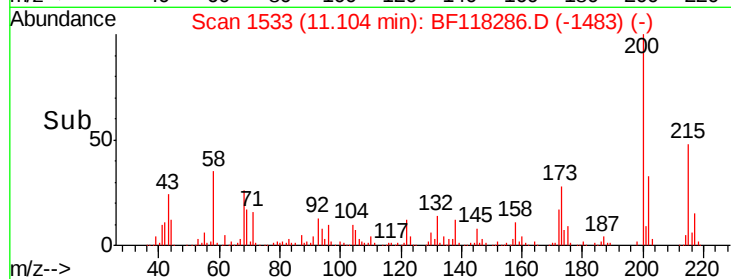
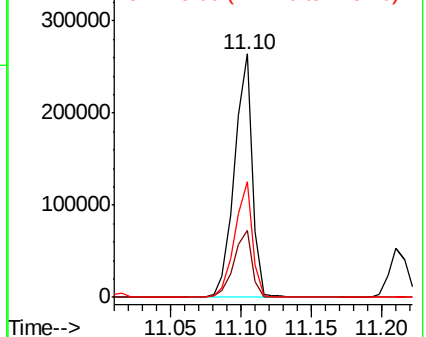
215 47.5 29.0 69.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.534 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

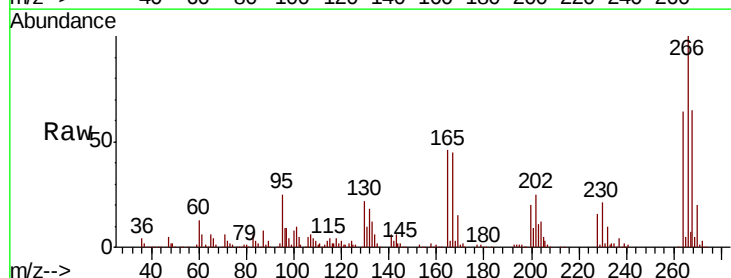
Tgt Ion:266 Resp: 278291

Ion Ratio Lower Upper

266 100

268 64.7 50.7 76.1

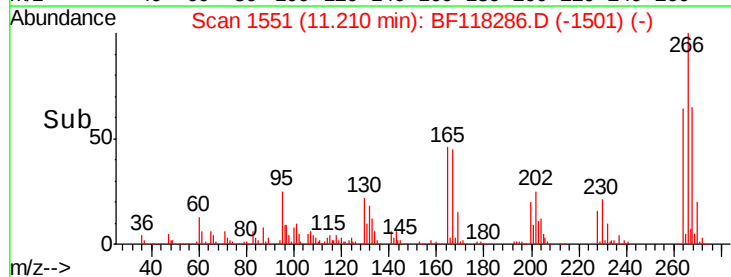
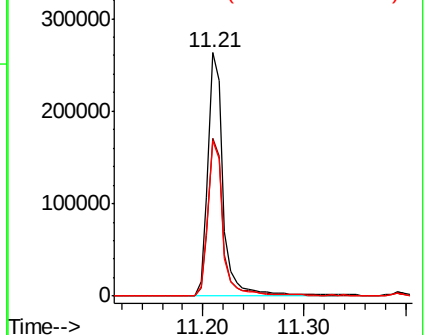
264 63.8 48.7 73.1

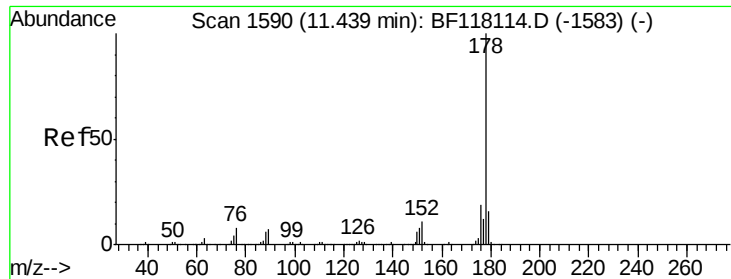


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.951 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

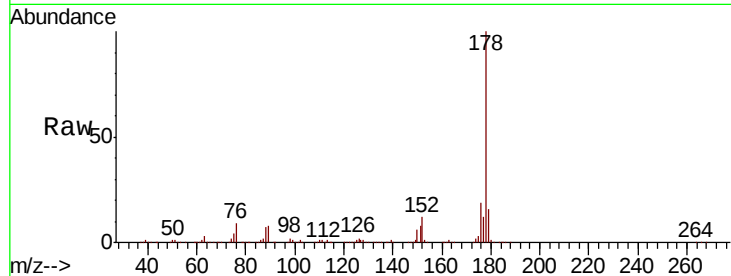
Tot Ion:178 Resp: 1151068

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

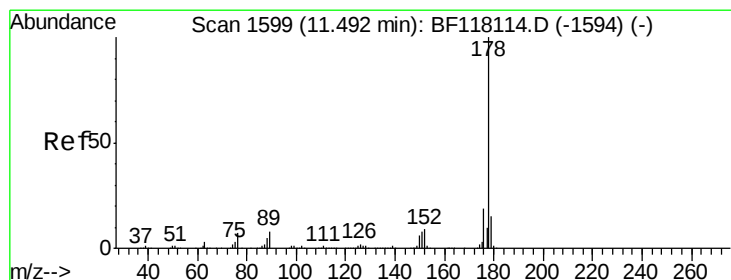
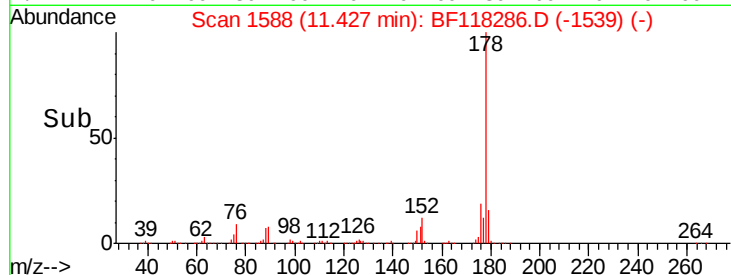
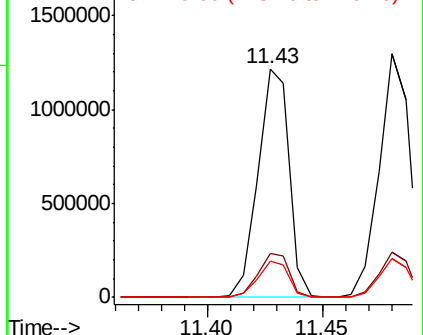
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.445 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

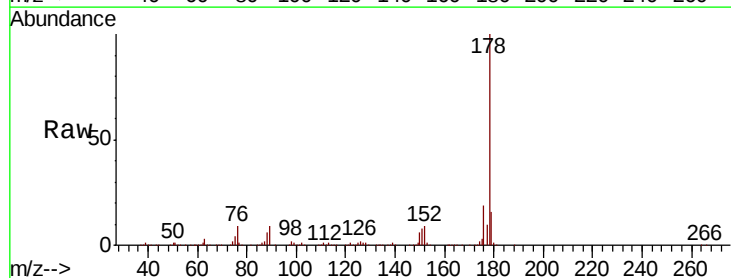
Tgt Ion:178 Resp: 1184050

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

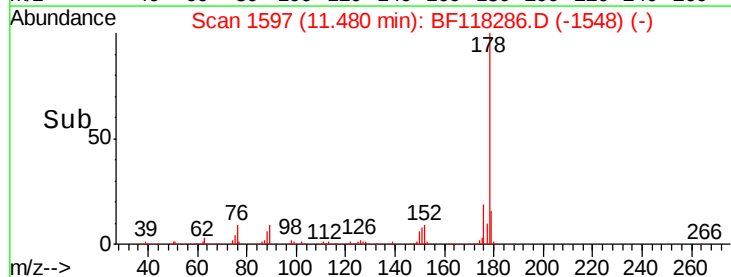
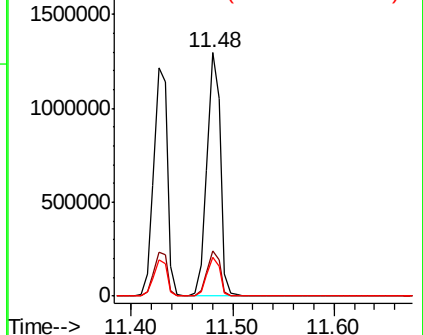
179 16.0 12.2 18.4

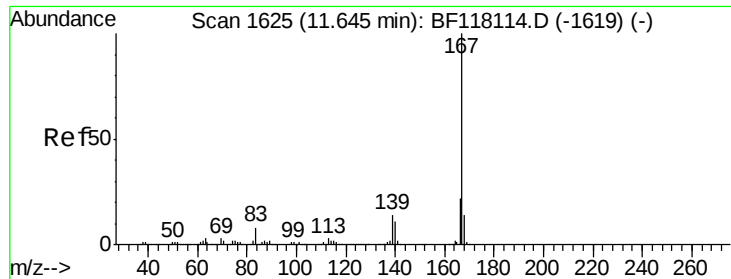


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

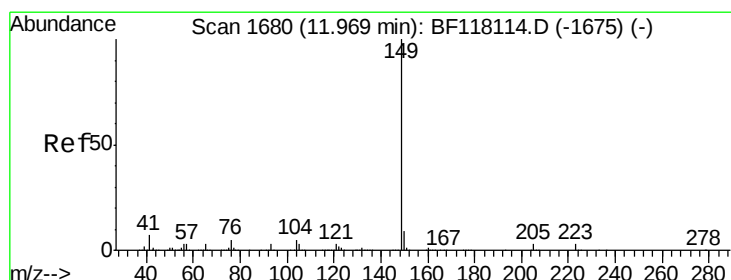
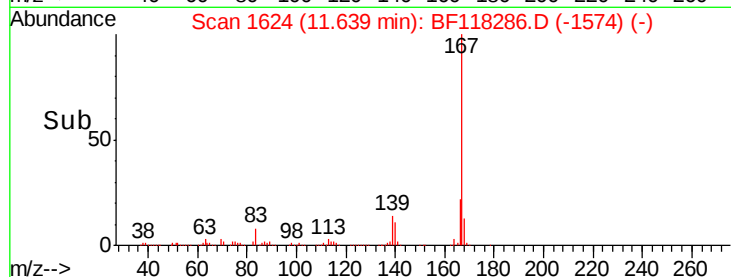
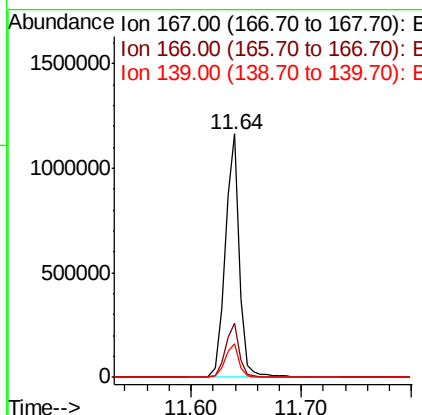
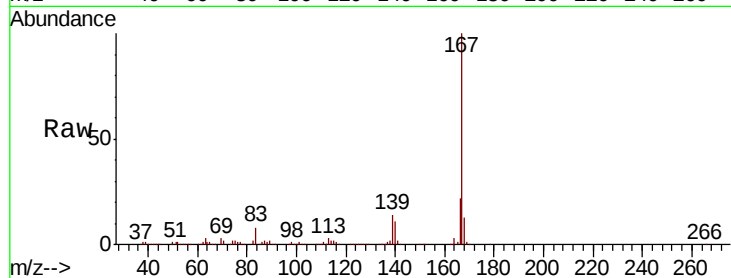




#73
 Carbazole
 Concen: 48.372 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

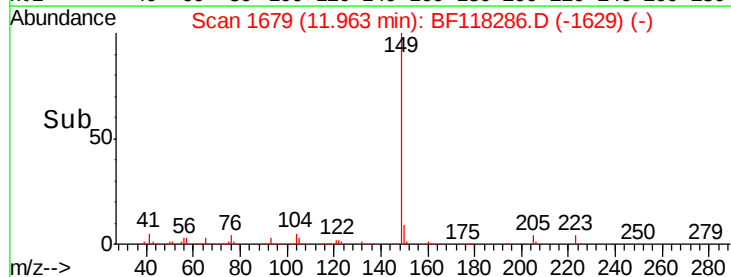
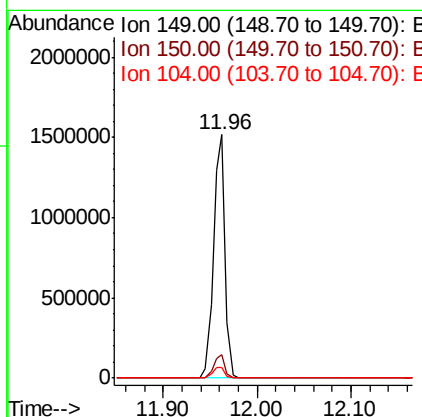
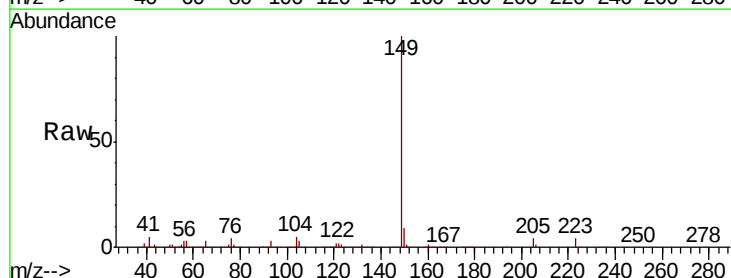
Instrument :
 BNA_F
 ClientSampleId :

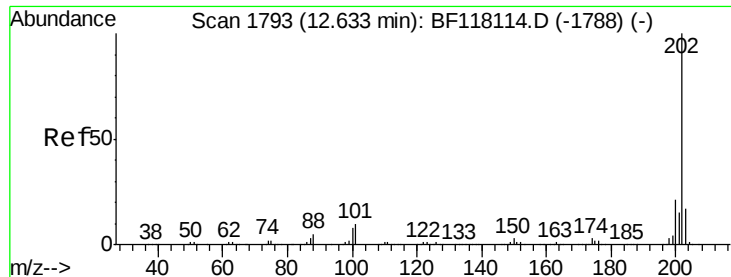
Tot Ion:167 Resp: 1039286
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 48.666 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:149 Resp: 1308594
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.6 4.3 6.5

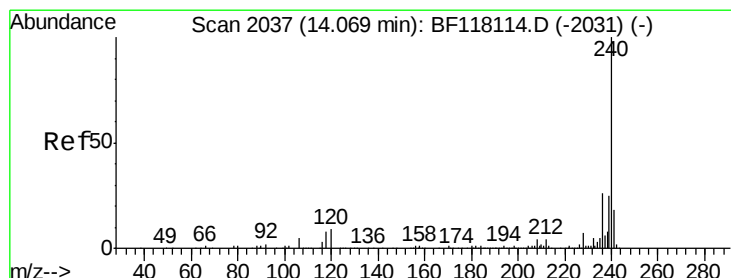
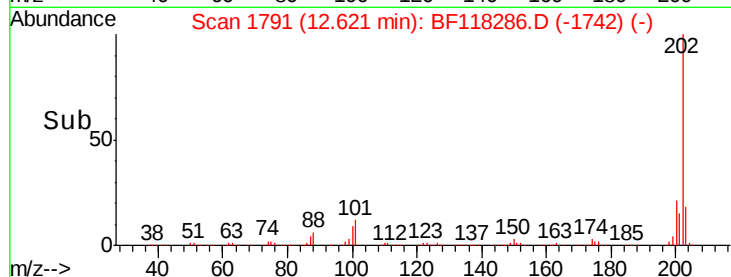
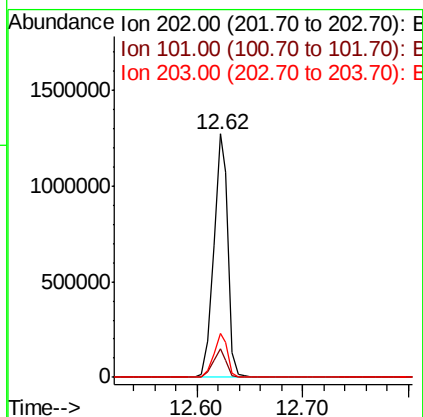
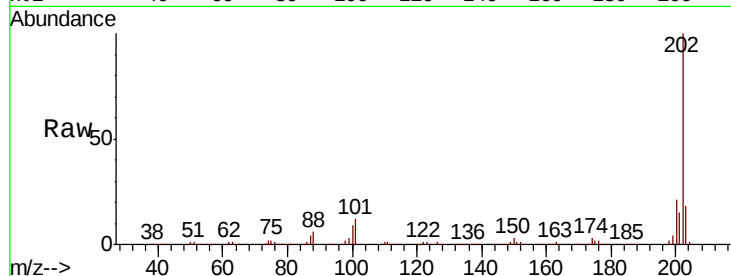




#75
 Fluoranthene
 Concen: 49.319 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

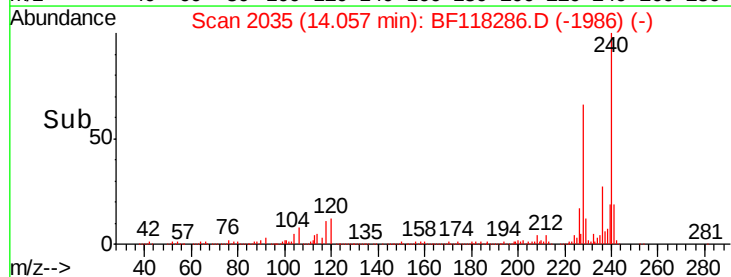
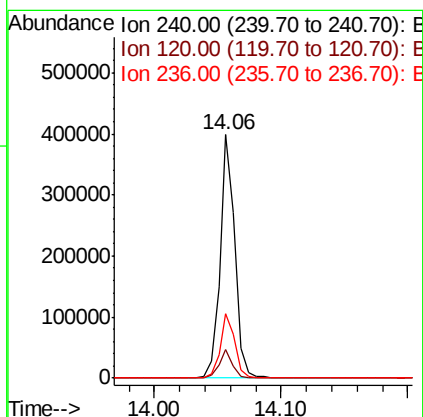
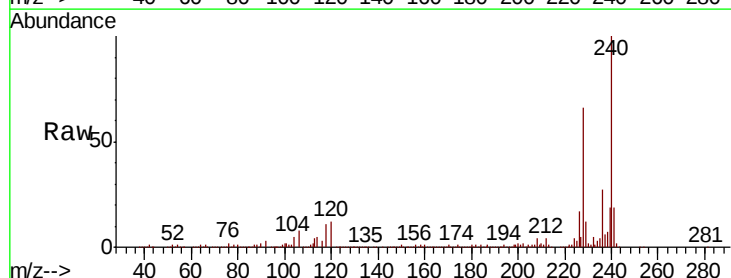
Instrument :
 BNA_F
 ClientSampleId :

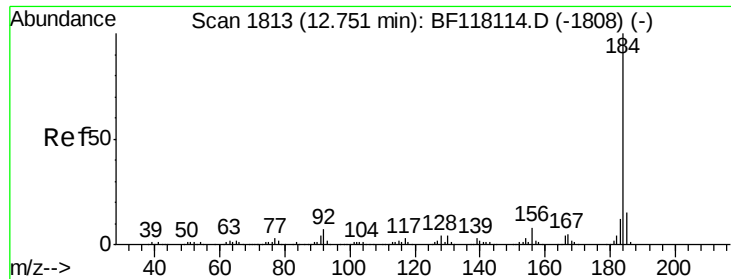
Tot Ion:202 Resp: 1210430
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.4
 203 18.0 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:240 Resp: 323482
 Ion Ratio Lower Upper
 240 100
 120 11.7 7.1 10.7#
 236 26.7 21.0 31.6





#77

Benzidine

Concen: 7.394 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

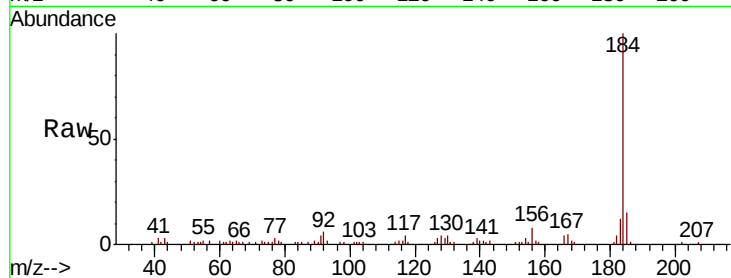
Tot Ion:184 Resp: 62964

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

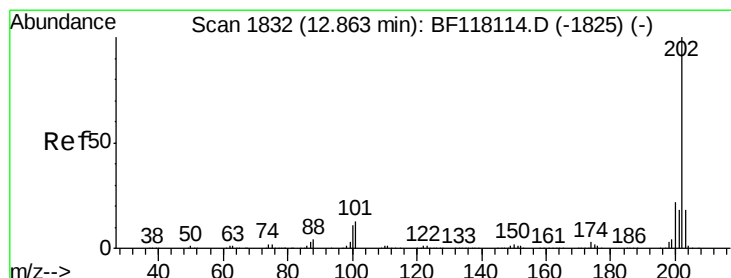
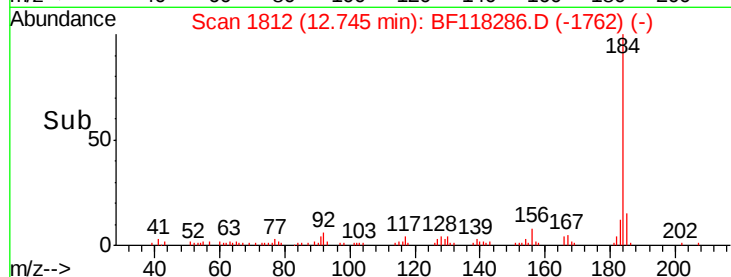
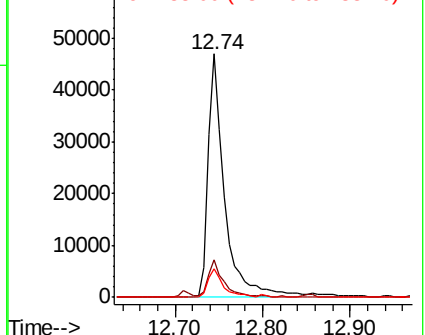
183 11.8 9.9 14.9



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: 47.813 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

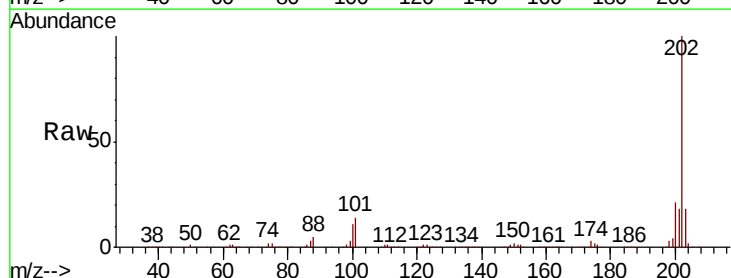
Tgt Ion:202 Resp: 1218833

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

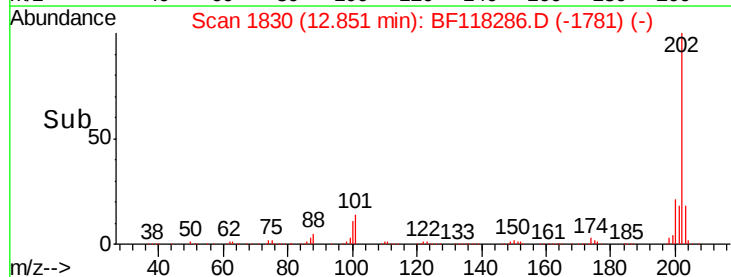
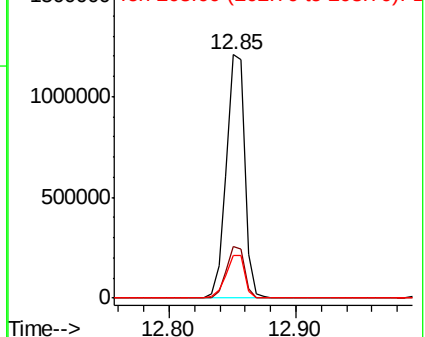
203 17.8 14.6 21.8

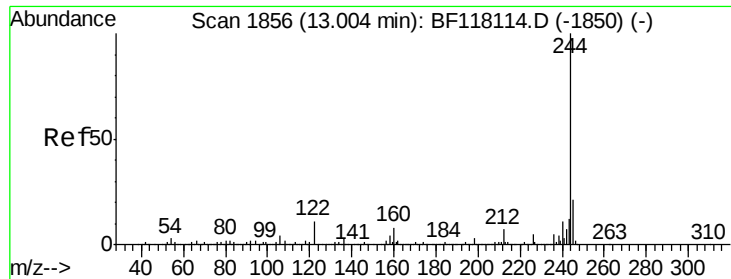


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.687 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampled :

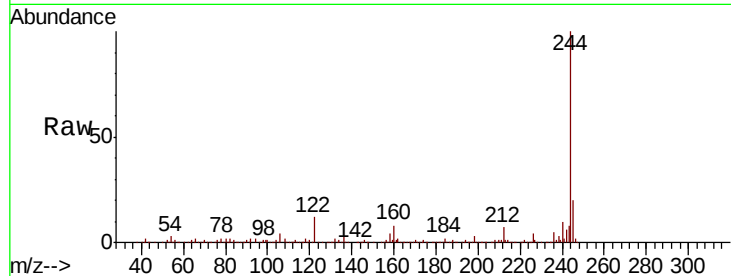
Tot Ion:244 Resp: 1894036

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

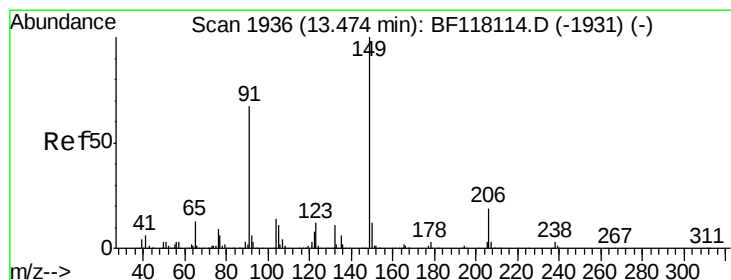
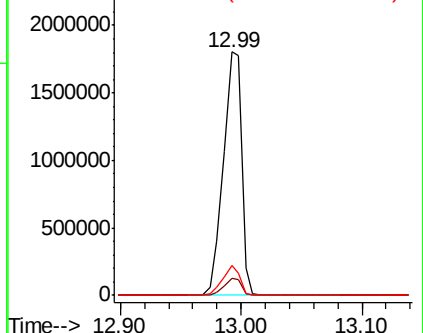
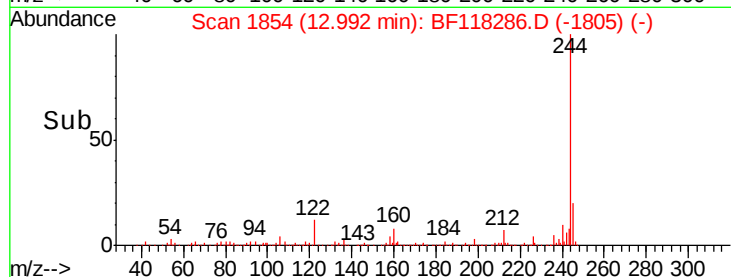
122 12.5 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.180 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

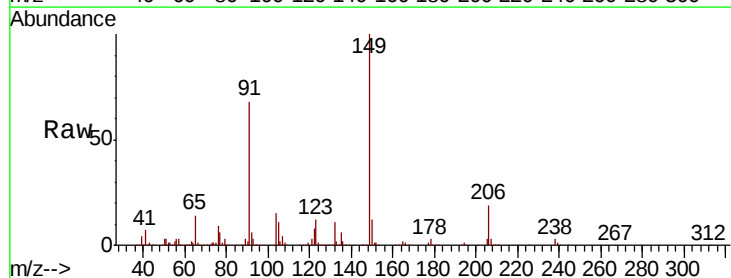
Tgt Ion:149 Resp: 556232

Ion Ratio Lower Upper

149 100

91 68.5 53.9 80.9

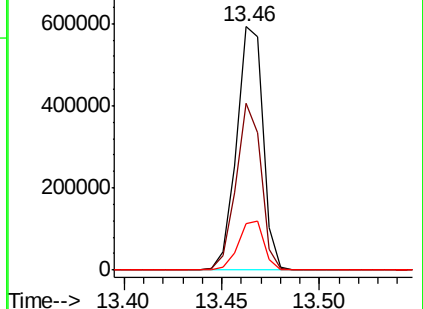
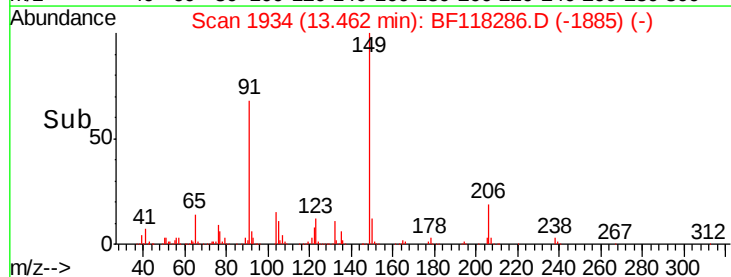
206 19.1 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.749 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

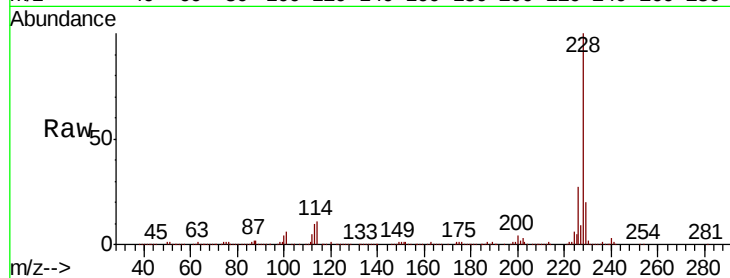
Tot Ion:228 Resp: 1068034

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.8 15.8 23.8

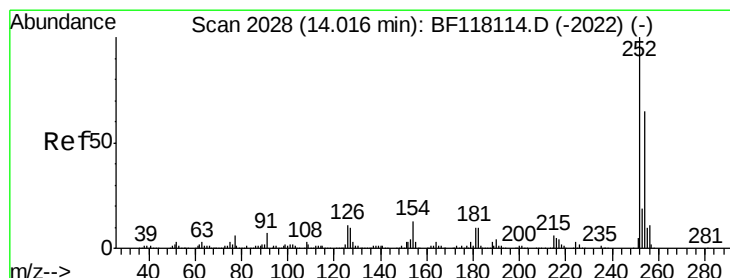
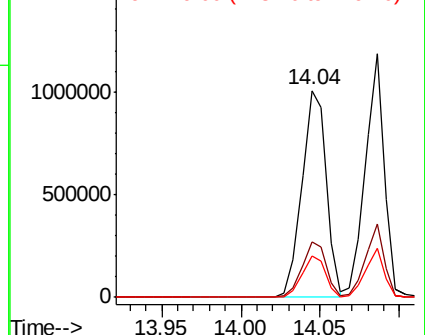
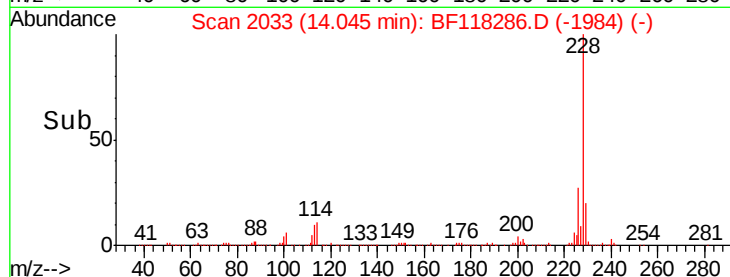


Abundance

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: 24.802 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

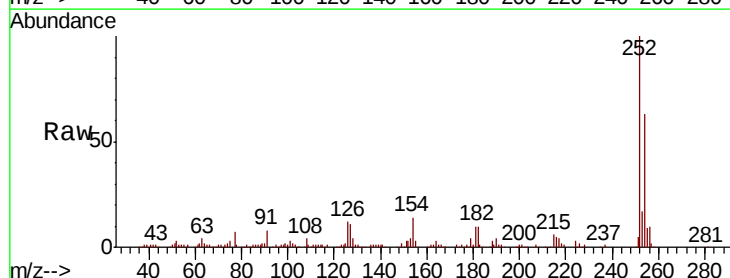
Tgt Ion:252 Resp: 182199

Ion Ratio Lower Upper

252 100

254 63.5 52.2 78.4

126 11.6 8.6 13.0

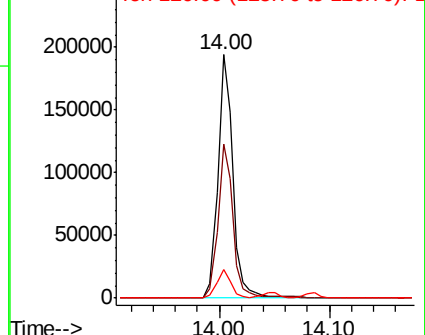
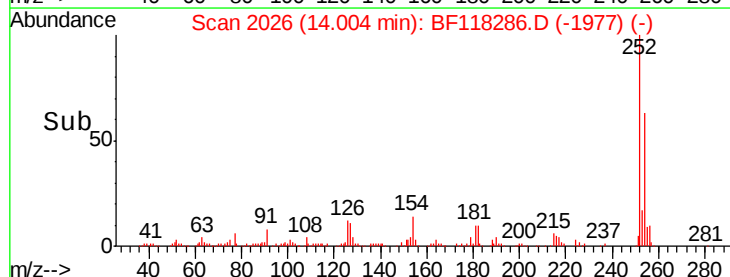


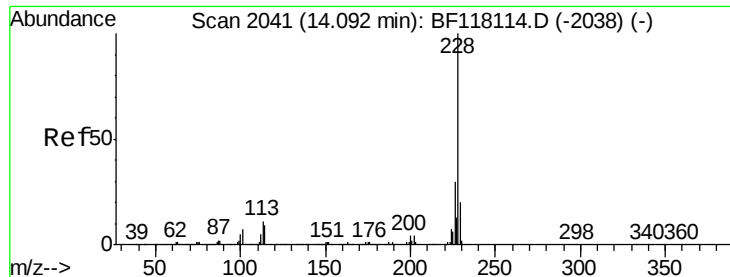
Abundance

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

Chrvsene

Concen: 47.142 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

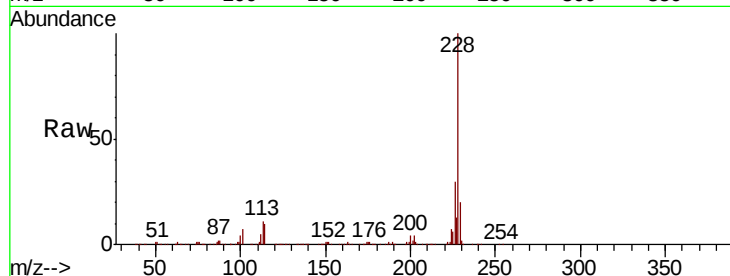
Tot Ion:228 Resp: 1007254

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

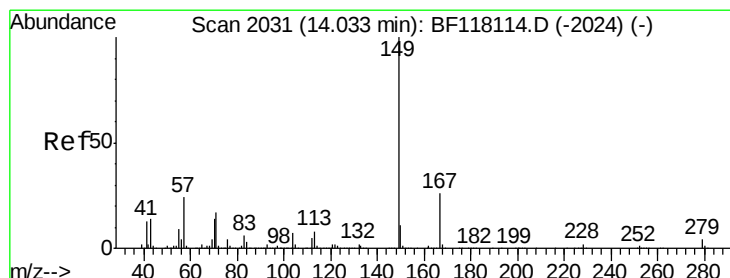
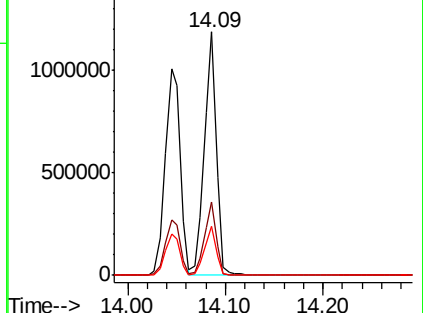
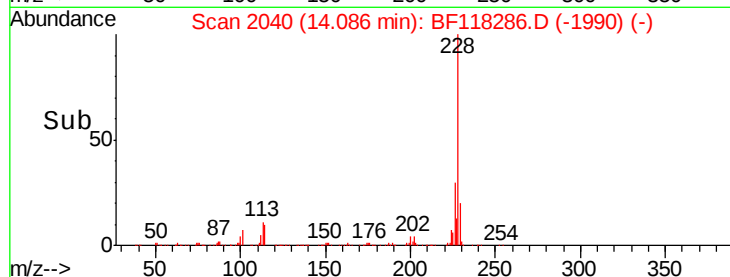
229 20.0 15.7 23.5



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: 50.750 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

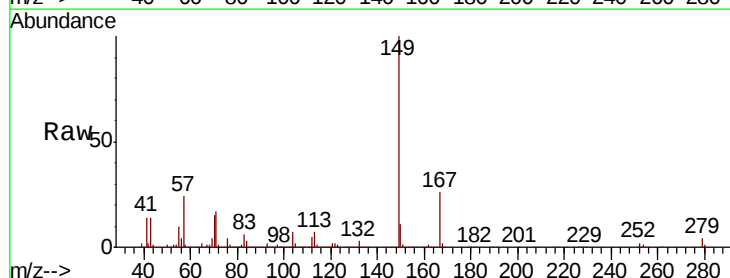
Tgt Ion:149 Resp: 772572

Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

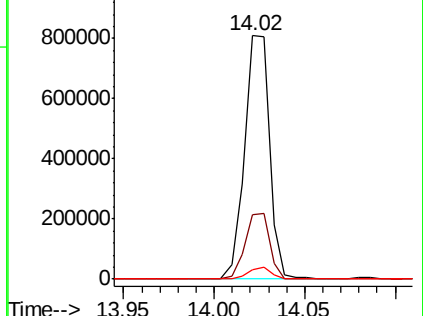
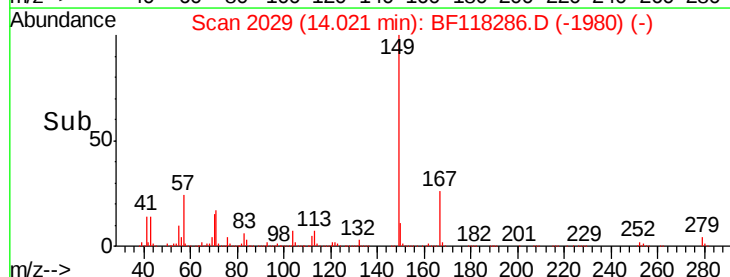
279 3.7 2.9 4.3

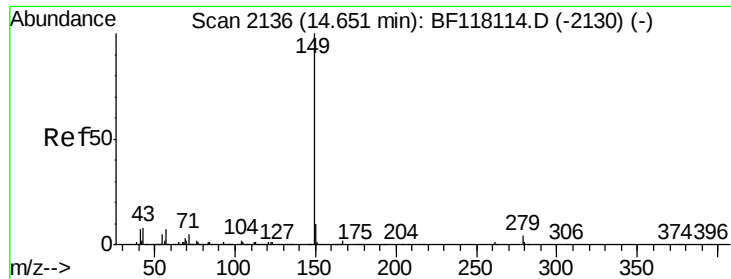


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.994 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

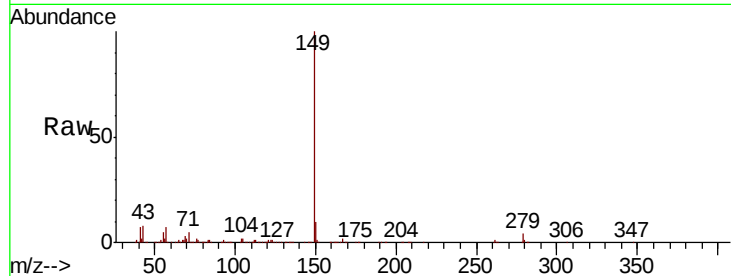
Tot Ion:149 Resp: 1222053

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

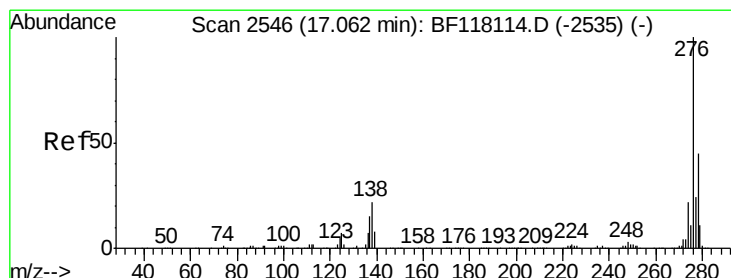
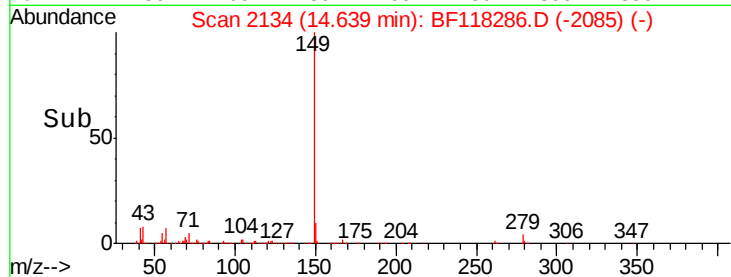
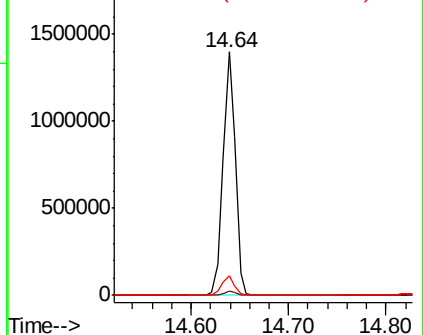
43 7.9 6.5 9.7



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: 52.105 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

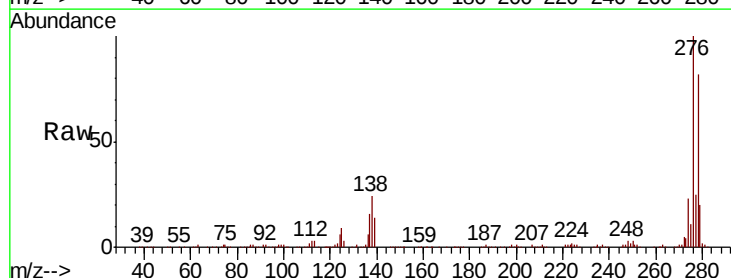
Tgt Ion:276 Resp: 936729

Ion Ratio Lower Upper

276 100

138 24.3 18.9 28.3

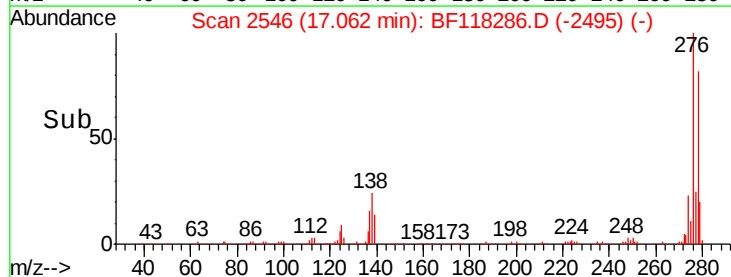
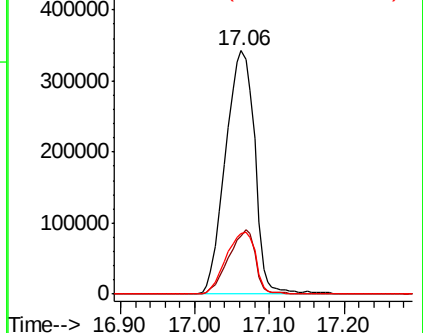
277 25.8 20.4 30.6

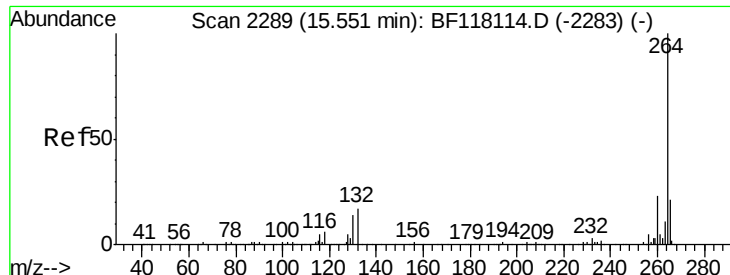


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

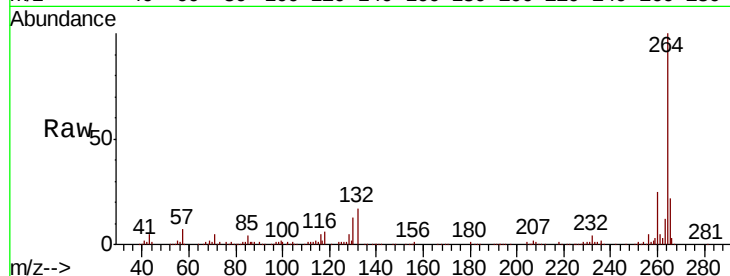




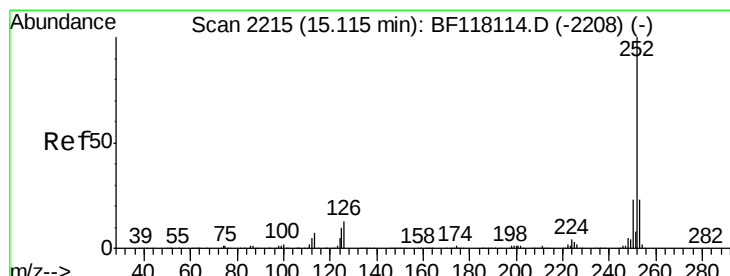
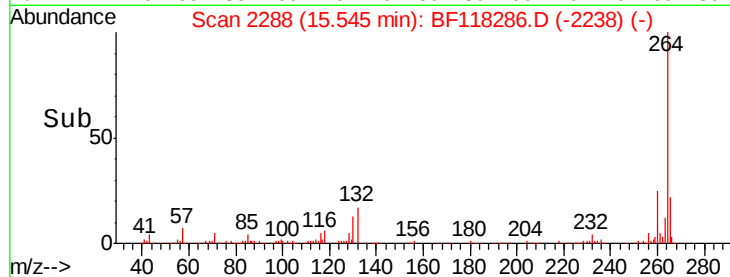
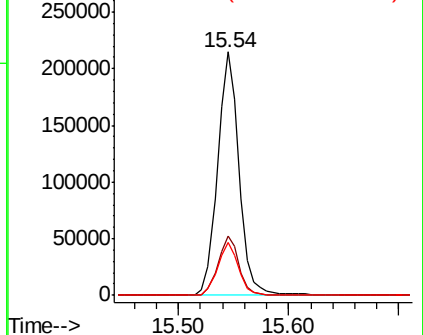
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 290187
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.0 16.8 25.2

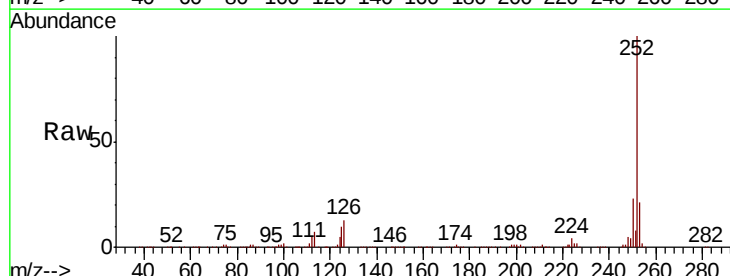


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

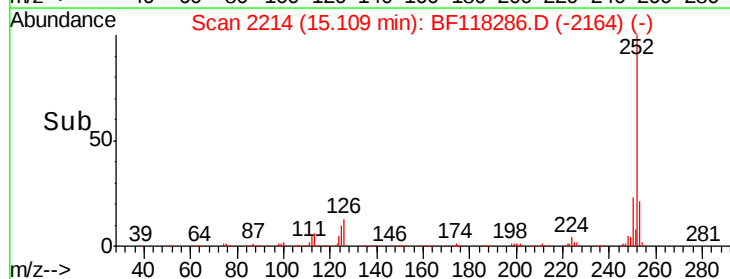
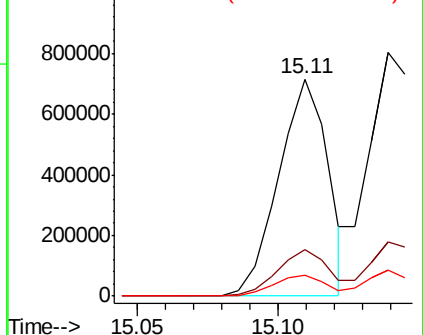


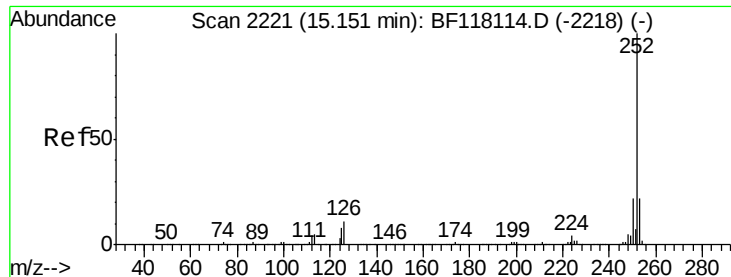
#88
Benzo(b)fluoranthene
Concen: 45.341 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:252 Resp: 870194
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 9.9 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

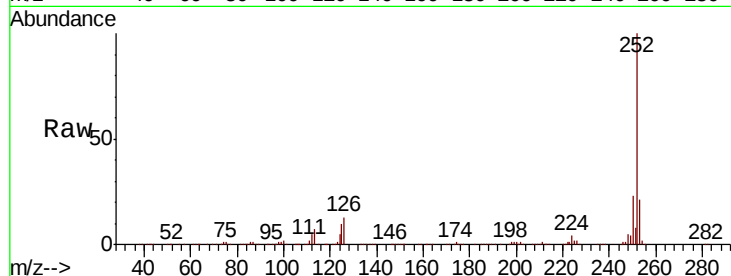




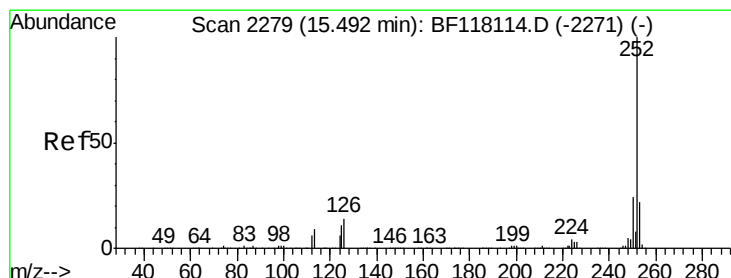
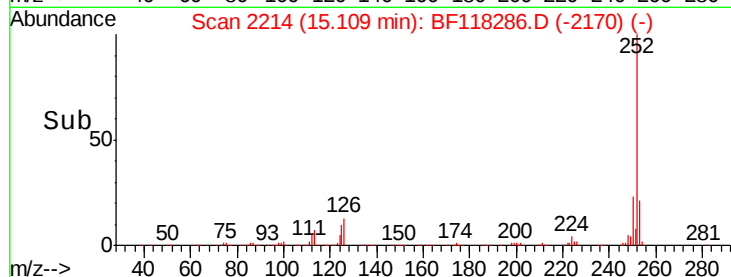
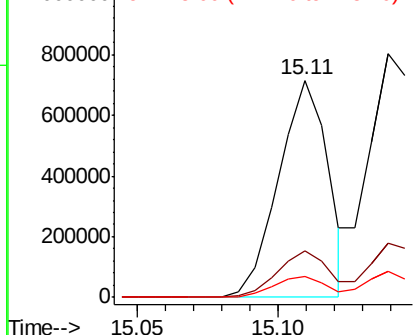
#89
Benzo(k)fluoranthene
Concen: 47.198 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 870194
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.9 6.7 10.1

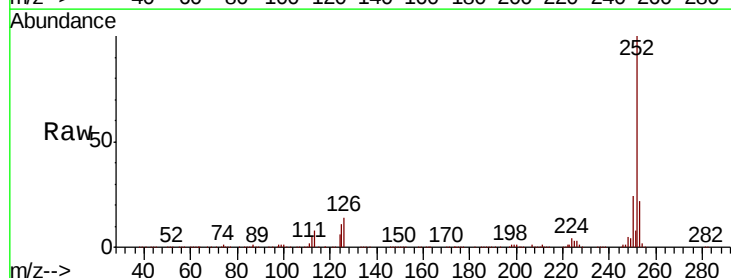


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

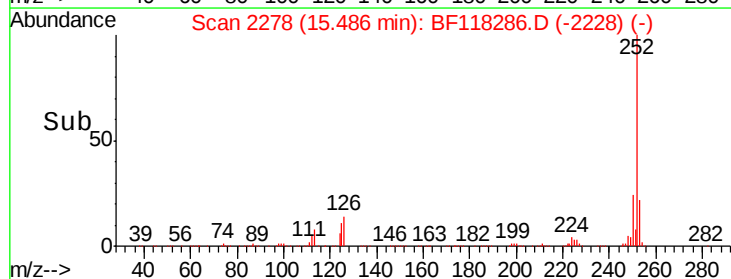
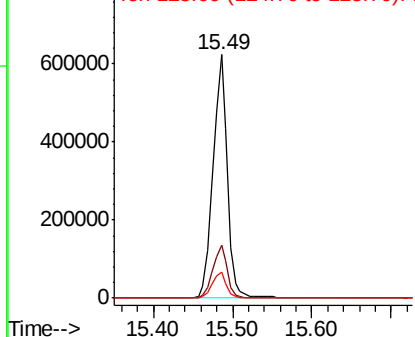


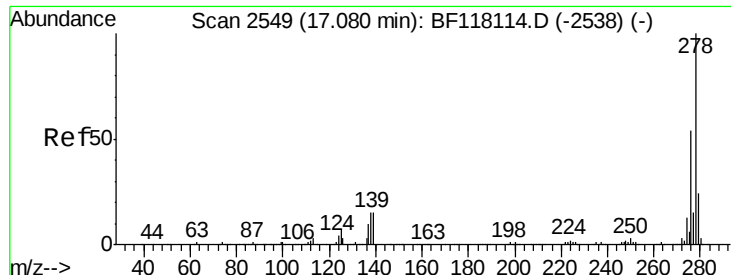
#90
Benzo(a)pyrene
Concen: 46.017 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:252 Resp: 779999
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.7 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 53.956 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

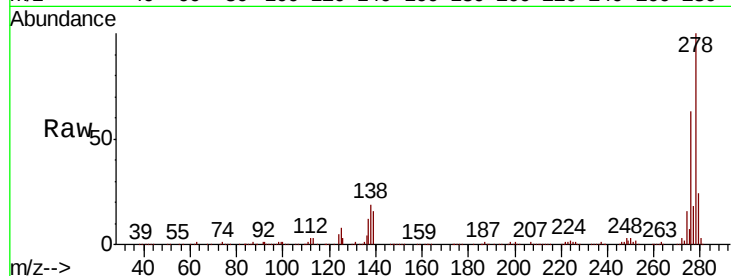
Tot Ion:278 Resp: 784437

Ion Ratio Lower Upper

278 100

139 16.0 11.7 17.5

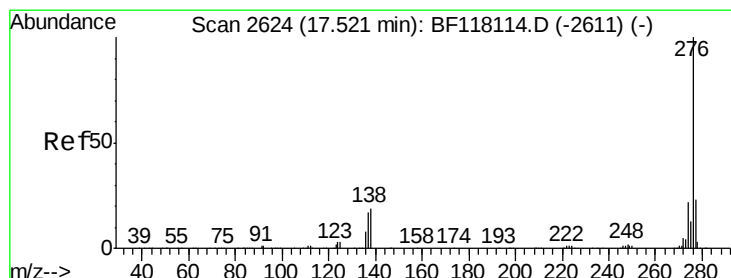
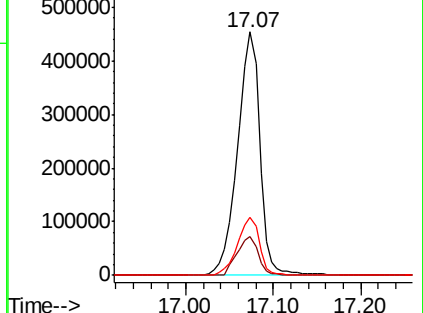
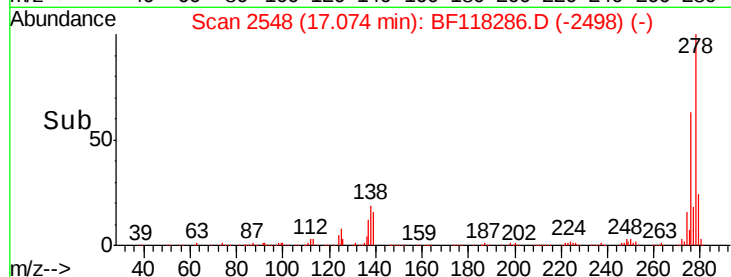
279 23.7 19.0 28.4



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: 56.654 ng

RT: 17.52 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

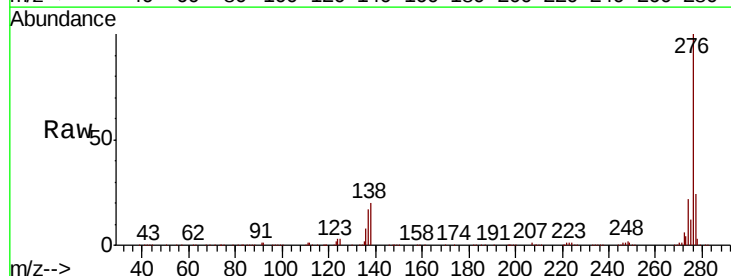
Tgt Ion:276 Resp: 791481

Ion Ratio Lower Upper

276 100

277 24.0 18.2 27.4

138 20.0 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

