

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119131.D
 Acq On : 28 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB127140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

Quant Time: Mar 02 02:52:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139844	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	540411	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	308885	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	579056	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	395925	20.00	ng	-0.02
87) Perylene-d12	15.30	264	257576	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	905710	108.24	ng	0.00
7) Phenol-d6	6.39	99	1121766	110.23	ng	-0.02
23) Nitrobenzene-d5	7.30	82	661013	64.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	421759	104.38	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1391135	66.35	ng	-0.02
79) Terphenyl-d14	12.83	244	1642597	71.43	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.49	88	130938	35.144 ng	99
3) Pyridine	3.23	79	311345	30.599 ng	98
4) n-Nitrosodimethylamine	3.16	42	120014	38.936 ng	97
6) Aniline	6.40	93	337098	26.844 ng	86
8) 2-Chlorophenol	6.53	128	373193	41.325 ng	98
9) Benzaldehyde	6.29	77	126518	18.607 ng	98
10) Phenol	6.40	94	439798	39.970 ng	94
11) bis(2-Chloroethyl)ether	6.47	93	341752	40.593 ng	99
12) 1,3-Dichlorobenzene	6.67	146	410951	37.967 ng	97
13) 1,4-Dichlorobenzene	6.75	146	419431	38.724 ng	99
14) 1,2-Dichlorobenzene	6.90	146	390925	39.575 ng	98
15) Benzyl Alcohol	6.89	79	314004	42.691 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	271421	37.217 ng	73
17) 2-Methylphenol	7.00	107	301865	41.229 ng	99
18) Hexachloroethane	7.25	117	148352	38.284 ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	251029	42.331 ng	97
20) 3+4-Methylphenols	7.16	107	382996	42.697 ng	95
22) Acetophenone	7.15	105	505349	40.416 ng	# 96
24) Nitrobenzene	7.32	77	391831	38.713 ng	96
25) Isophorone	7.56	82	704087	39.611 ng	99
26) 2-Nitrophenol	7.63	139	210816	39.311 ng	99
27) 2,4-Dimethylphenol	7.68	122	321788	44.212 ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	428608	37.045 ng	99
29) 2,4-Dichlorophenol	7.89	162	333306	38.900 ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	367157	36.141 ng	99
31) Naphthalene	8.04	128	1083481	38.659 ng	98
32) Benzoic acid	7.83	122	181408	36.085 ng	100
33) 4-Chloroaniline	8.09	127	301981	25.051 ng	97
34) Hexachlorobutadiene	8.16	225	223000	35.240 ng	98
35) Caprolactam	8.46	113	98262m	37.244 ng	
36) 4-Chloro-3-methylphenol	8.59	107	345171	39.805 ng	97
37) 2-Methylnaphthalene	8.73	142	757243	40.149 ng	98
38) 1-Methylnaphthalene	8.83	142	708077	39.919 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	375408	36.047 ng	99

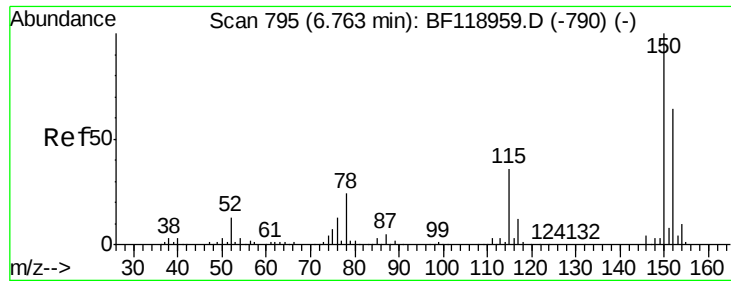
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119131.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	166374	48.129	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	241112	36.662	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	256805	37.212	nq	99
46) 1,1'-Biphenyl	9.19	154	915920	36.689	nq	98
47) 2-Chloronaphthalene	9.22	162	733790	36.475	nq	98
48) 2-Nitroaniline	9.32	65	205320	36.592	nq	96
49) Acenaphthylene	9.63	152	1118169	38.484	nq	99
50) Dimethylphthalate	9.50	163	896981	37.976	nq	99
51) 2,6-Dinitrotoluene	9.56	165	200714	38.248	nq	# 87
52) Acenaphthene	9.80	154	659136	37.622	nq	99
53) 3-Nitroaniline	9.73	138	142903	24.564	nq	97
54) 2,4-Dinitrophenol	9.85	184	173402	69.111	nq	98
55) Dibenzofuran	9.97	168	1014544	38.797	nq	99
56) 4-Nitrophenol	9.91	139	234835	67.185	nq	95
57) 2,4-Dinitrotoluene	9.97	165	260053	38.232	nq	97
58) Fluorene	10.32	166	799184	39.329	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	213910	36.734	nq	99
60) Diethylphthalate	10.19	149	872777	39.210	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	418027	38.865	nq	96
62) 4-Nitroaniline	10.35	138	192118	32.277	nq	98
63) Azobenzene	10.47	77	772271	39.915	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	144501	41.240	nq	87
66) n-Nitrosodiphenylamine	10.43	169	729831	38.492	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	276026	36.468	nq	94
68) Hexachlorobenzene	10.87	284	312573	35.818	nq	96
69) Atrazine	10.96	200	252126	38.059	nq	97
70) Pentachlorophenol	11.07	266	243438	69.251	nq	100
71) Phenanthrene	11.28	178	1193865	37.806	nq	98
72) Anthracene	11.33	178	1230736	39.006	nq	98
73) Carbazole	11.49	167	1046854	37.242	nq	99
74) Di-n-butylphthalate	11.81	149	1348158	39.604	nq	99
75) Fluoranthene	12.46	202	1256868	37.496	nq	99
77) Benzidine	12.58	184	217125	13.484	nq	98
78) Pyrene	12.69	202	1242746	39.090	nq	99
80) Butylbenzylphthalate	13.30	149	539030	40.285	nq	99
81) Benzo(a)anthracene	13.88	228	1030465	38.198	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	290630	27.744	nq	# 98
83) Chrysene	13.92	228	971733	36.150	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	742086	43.899	nq	97
85) Di-n-octyl phthalate	14.47	149	1118609	41.532	nq	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	826309	31.748	nq	100
88) Benzo(b)fluoranthene	14.90	252	834204	49.134	nq	100
89) Benzo(k)fluoranthene	14.93	252	824624	52.411	nq	99
90) Benzo(a)pyrene	15.25	252	714608	46.636	nq	98
91) Dibenzo(a,h)anthracene	16.71	278	696637	51.670	nq	98
92) Benzo(g,h,i)perylene	17.12	276	707780	53.131	nq	98

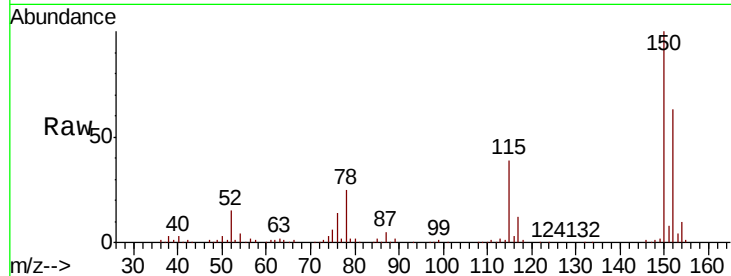
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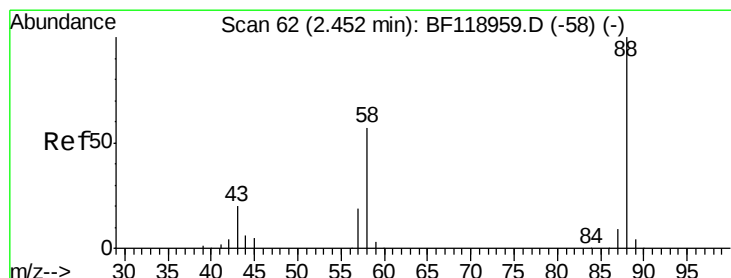
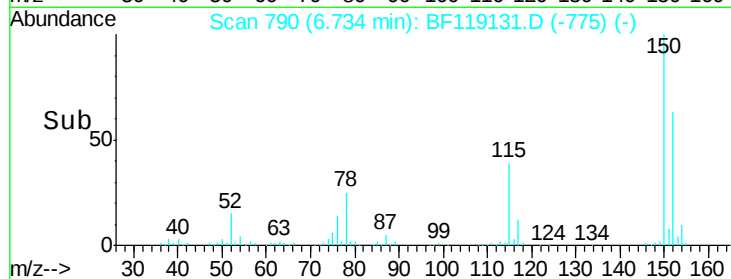
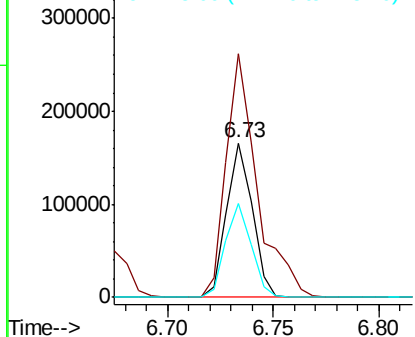
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

Tot Ion:152 Resp: 139844
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.6
 115 60.7 49.5 74.3

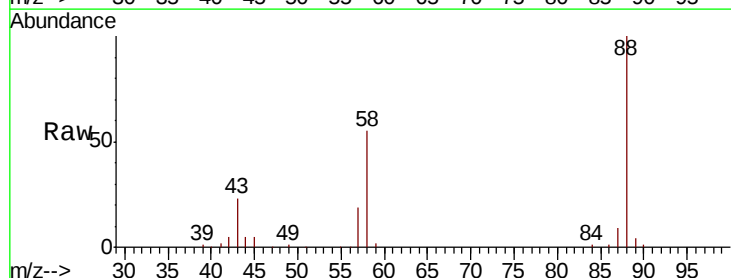


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

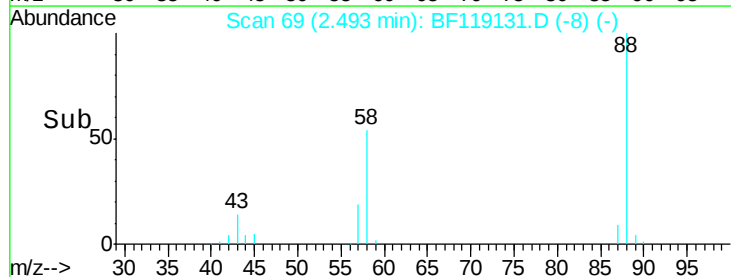
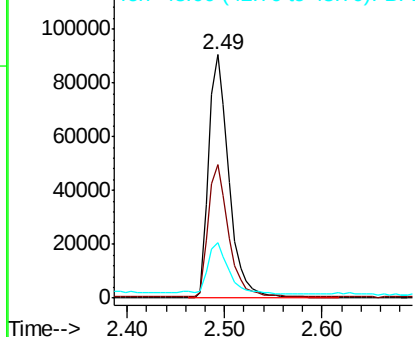


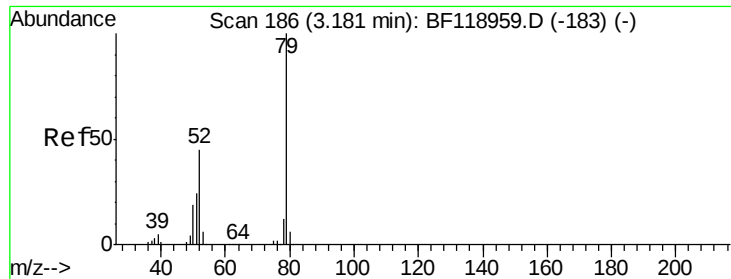
#2
 1,4-Dioxane
 Concen: 35.144 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.06 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion: 88 Resp: 130938
 Ion Ratio Lower Upper
 88 100
 58 54.0 43.8 65.6
 43 21.5 16.2 24.4



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

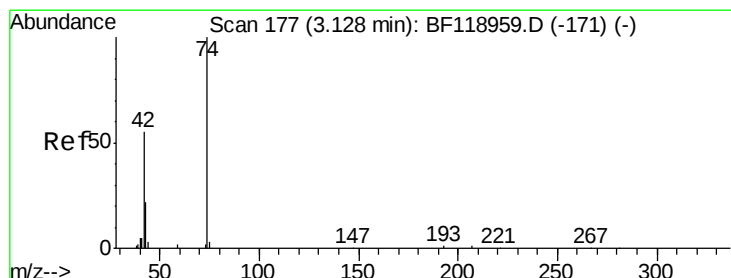
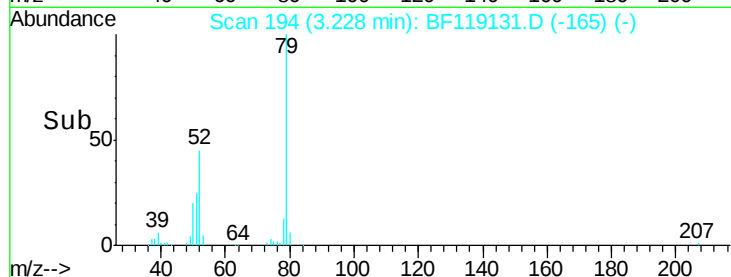
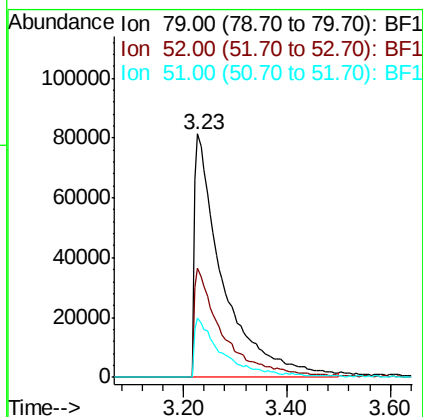
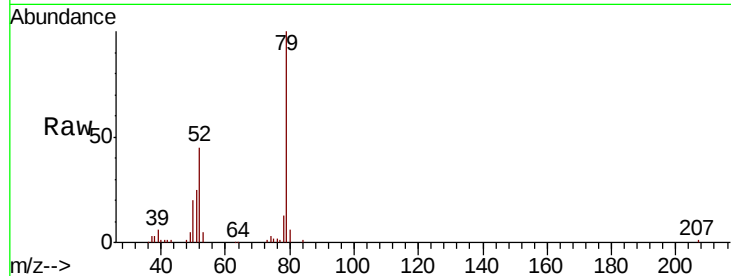




#3
 Pvridine
 Concen: 30.599 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

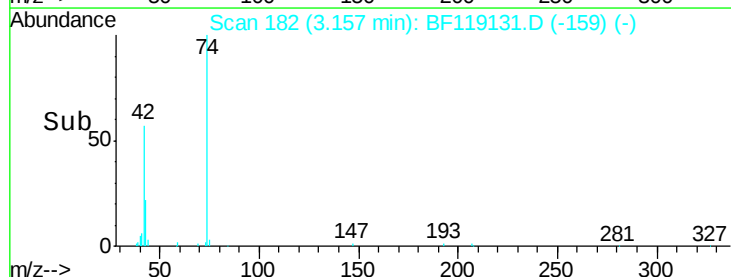
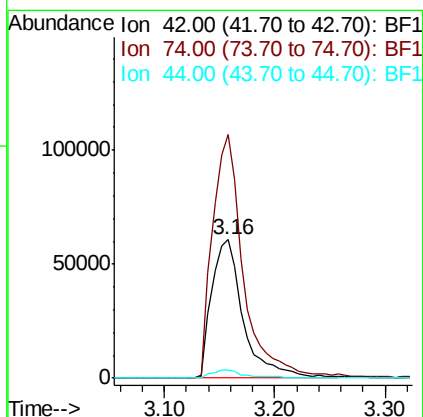
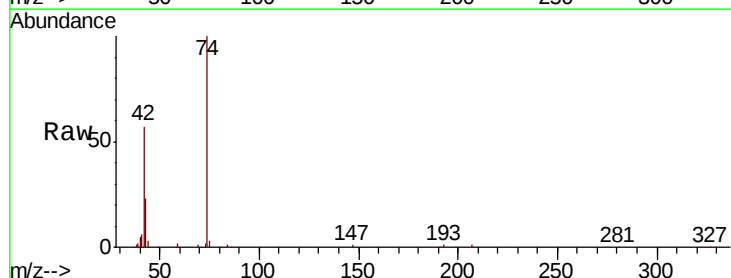
Instrument :
 BNA_F
 ClientSampleId :
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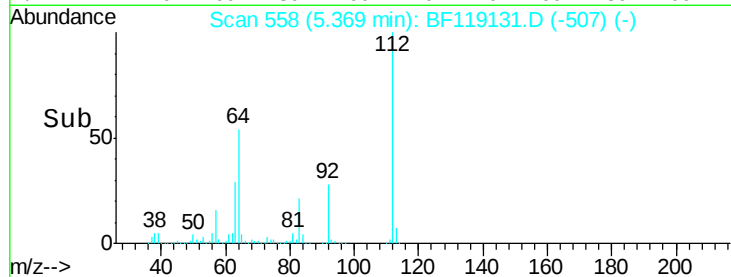
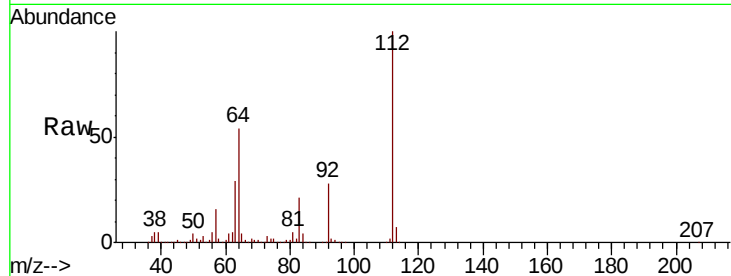
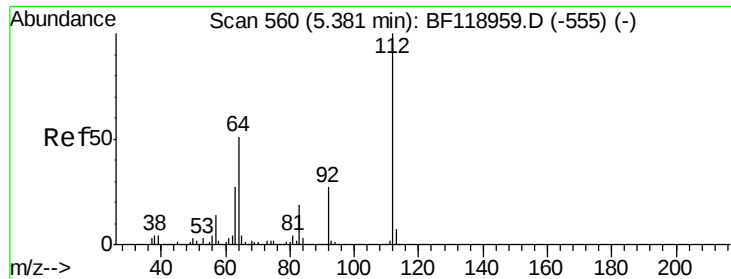
Tot Ion: 79 Resp: 311345
 Ion Ratio Lower Upper
 79 100
 52 45.0 37.4 56.0
 51 24.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 38.936 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.04 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion: 42 Resp: 120014
 Ion Ratio Lower Upper
 42 100
 74 175.7 137.7 206.5
 44 5.6 4.5 6.7





#5

2-Fluorophenol

Concen: 108.235 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

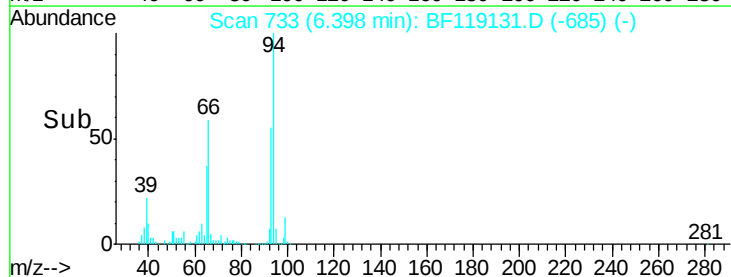
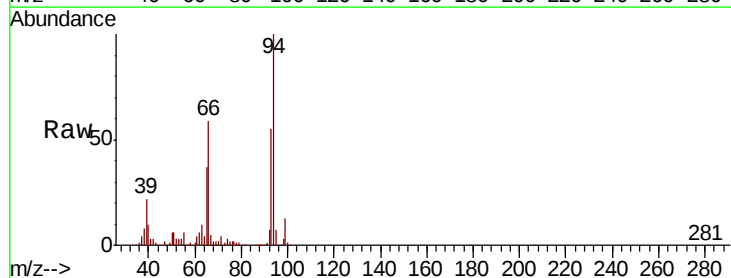
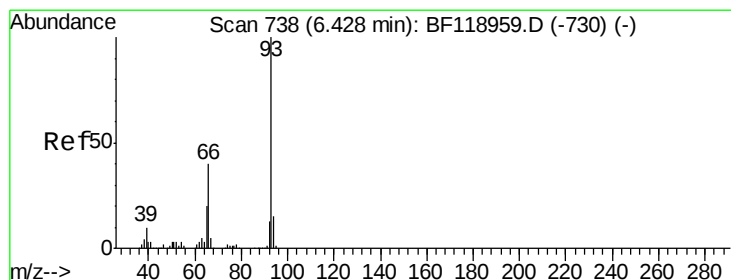
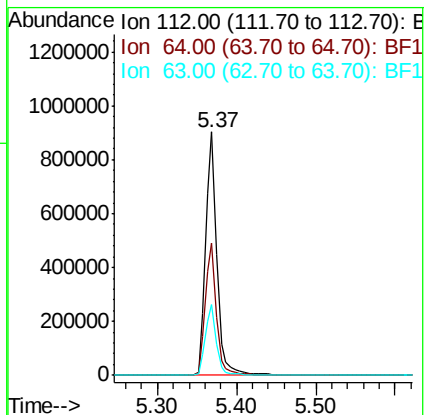
Tot Ion:112 Resp: 905710

Ion Ratio Lower Upper

112 100

64 54.4 45.0 67.4

63 29.3 24.2 36.4



#6

Aniline

Concen: 26.844 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

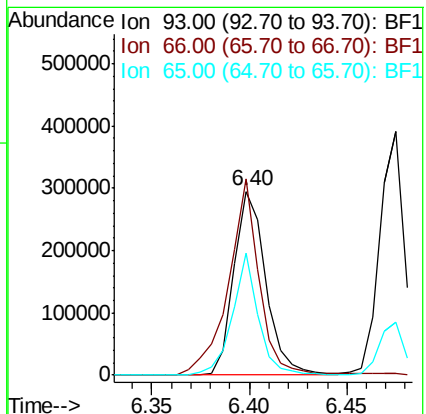
Tgt Ion: 93 Resp: 337098

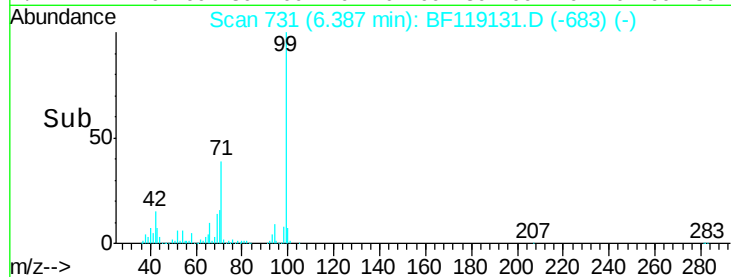
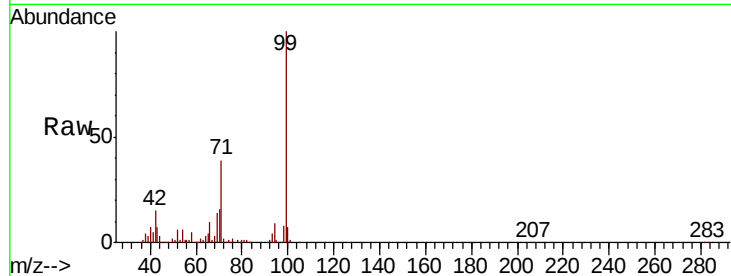
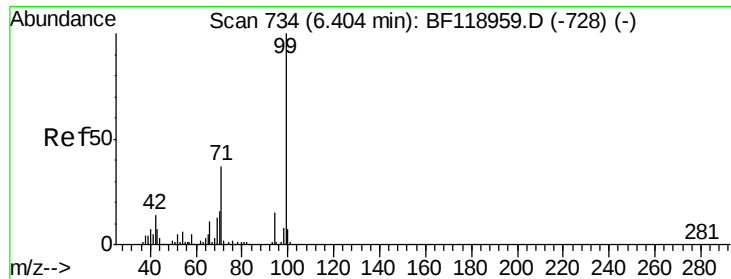
Ion Ratio Lower Upper

93 100

66 106.8 74.5 111.7

65 66.9 45.3 67.9





#7

Phenol-d6

Concen: 110.225 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

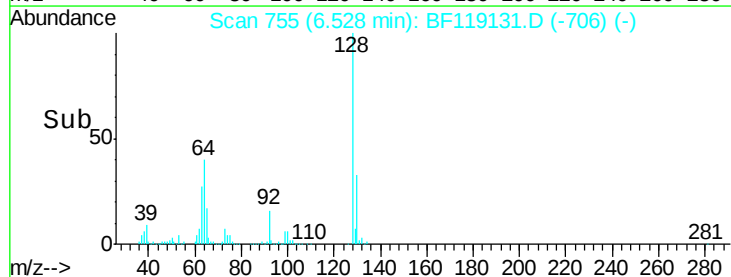
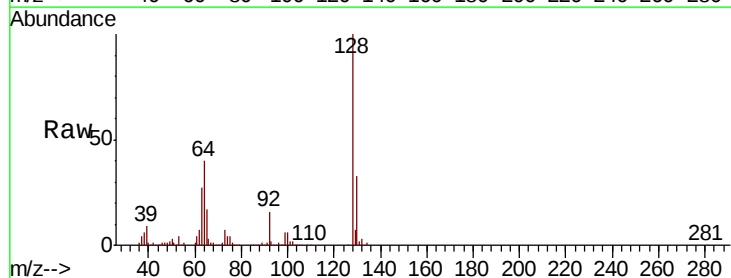
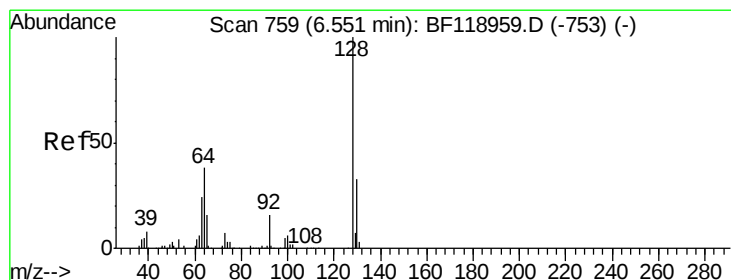
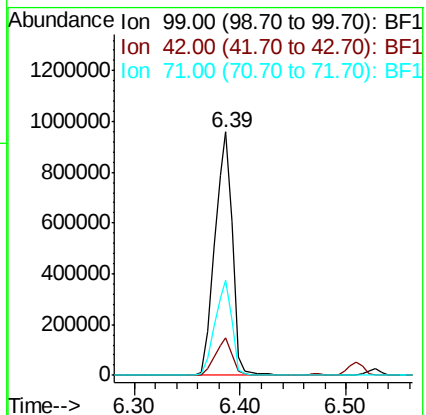
Tot Ion: 99 Resp: 1121766

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 38.9 31.0 46.4



#8

2-Chlorophenol

Concen: 41.325 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

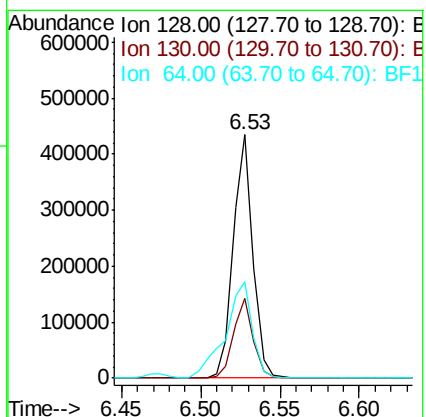
Tgt Ion: 128 Resp: 373193

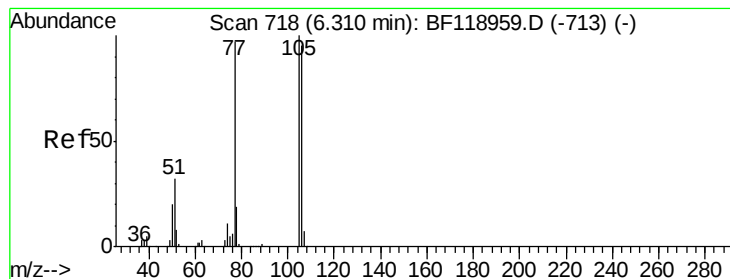
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 39.6 22.3 62.3





#9

Benzaldehyde

Concen: 18.607 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

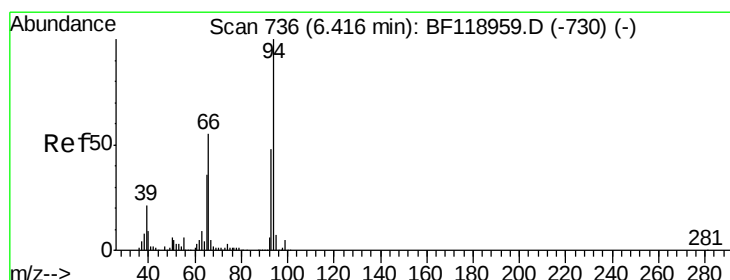
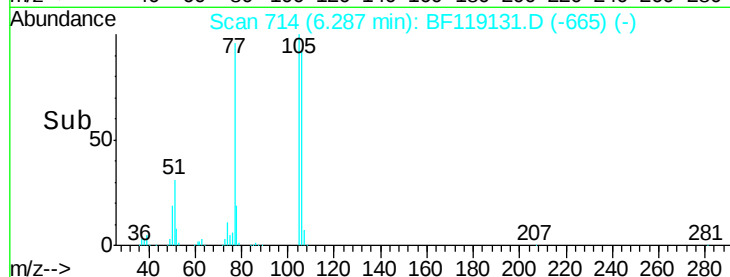
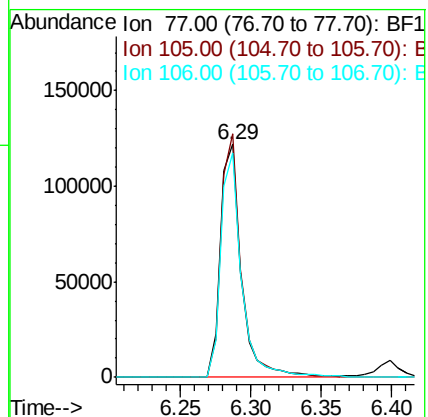
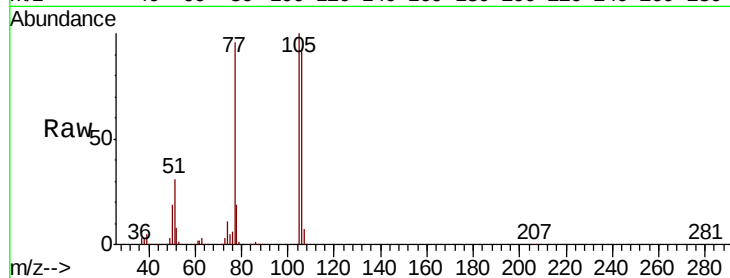
Tot Ion: 77 Resp: 126518

Ion Ratio Lower Upper

77 100

105 104.4 80.1 120.1

106 96.3 75.9 115.9



#10

Phenol

Concen: 39.970 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

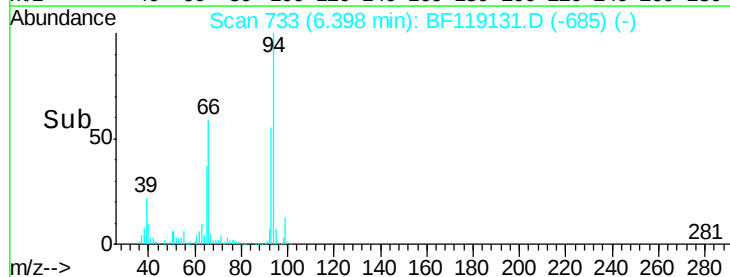
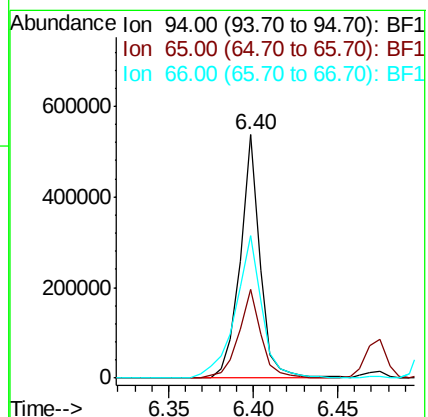
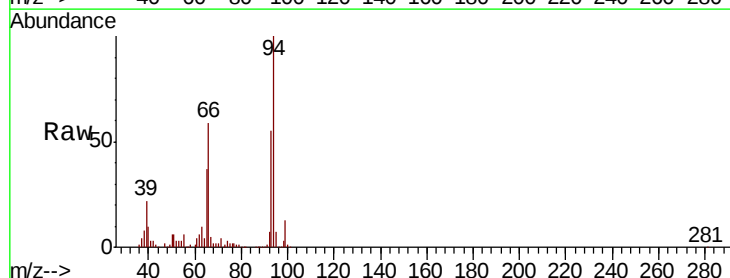
Tgt Ion: 94 Resp: 439798

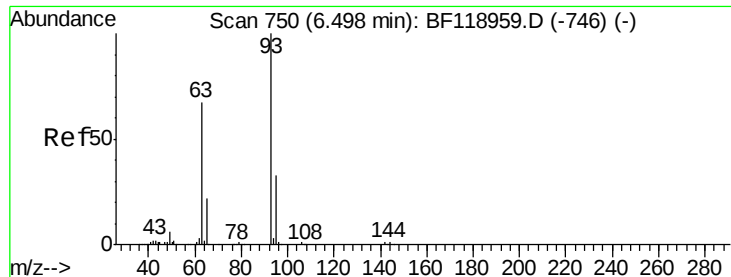
Ion Ratio Lower Upper

94 100

65 36.6 19.2 59.2

66 58.5 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 40.593 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

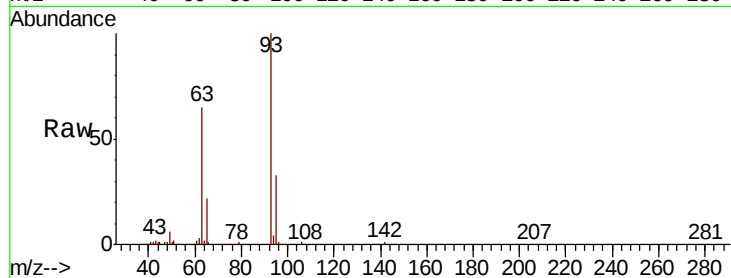
Tot Ion: 93 Resp: 341752

Ion Ratio Lower Upper

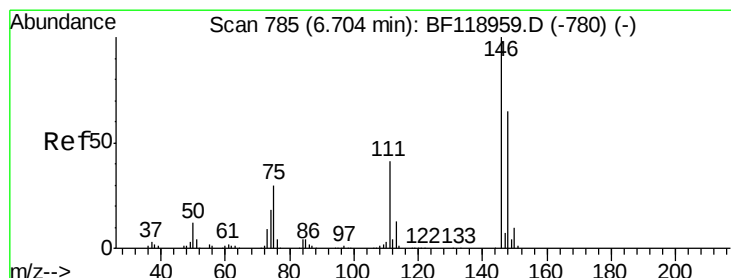
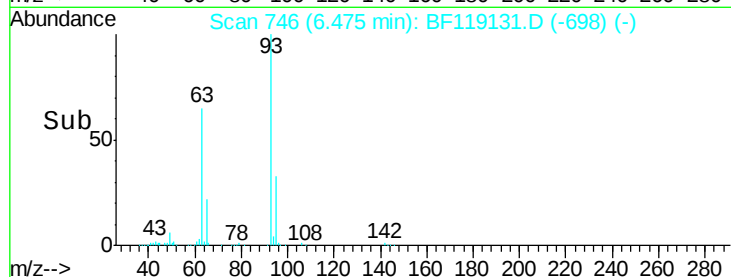
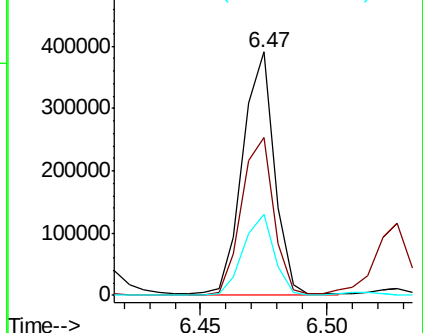
93 100

63 64.8 45.4 85.4

95 33.1 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 37.967 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

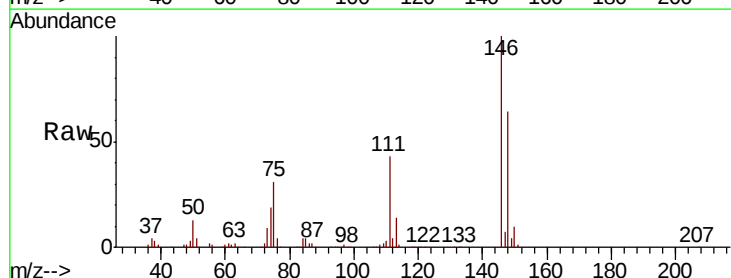
Tgt Ion: 146 Resp: 410951

Ion Ratio Lower Upper

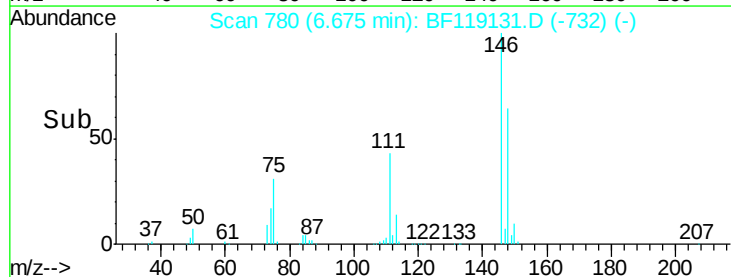
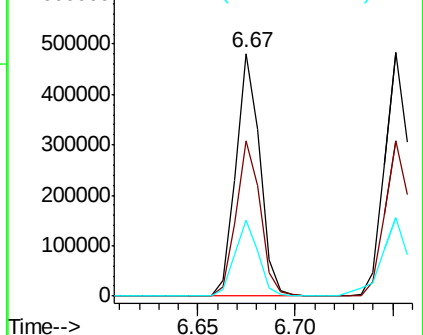
146 100

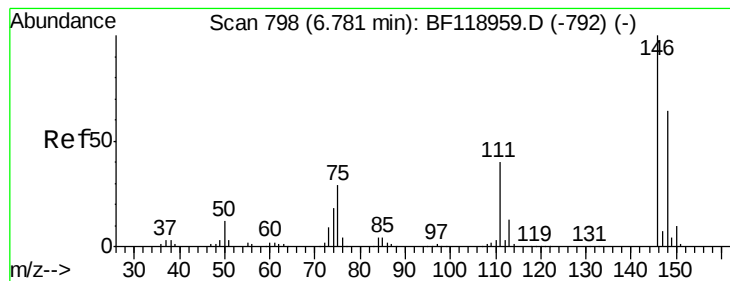
148 63.9 52.5 78.7

75 31.5 23.6 35.4



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: 38.724 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

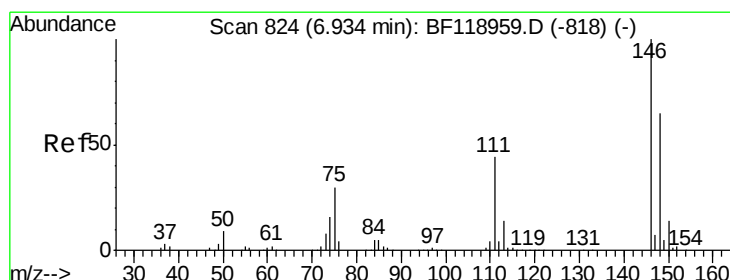
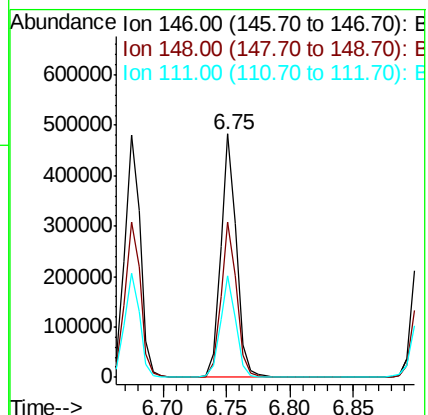
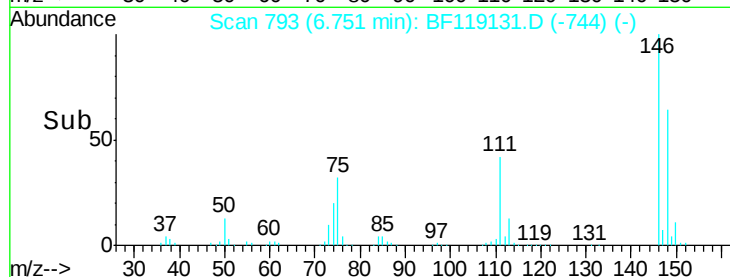
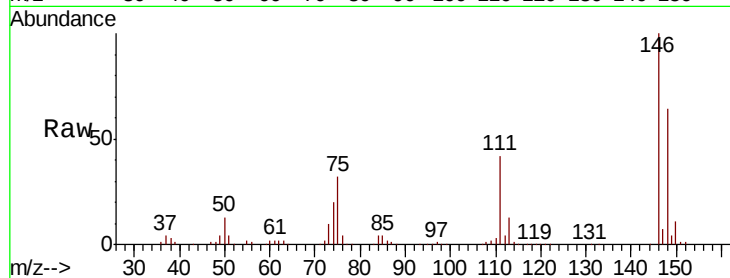
Tot Ion:146 Resp: 419431

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 41.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 39.575 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

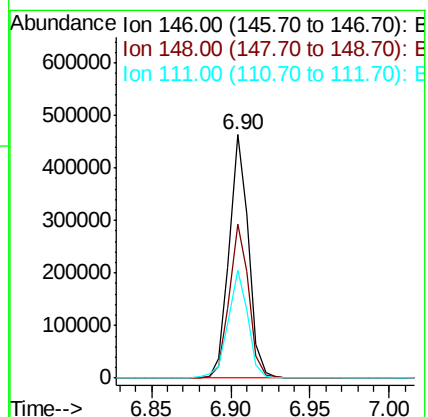
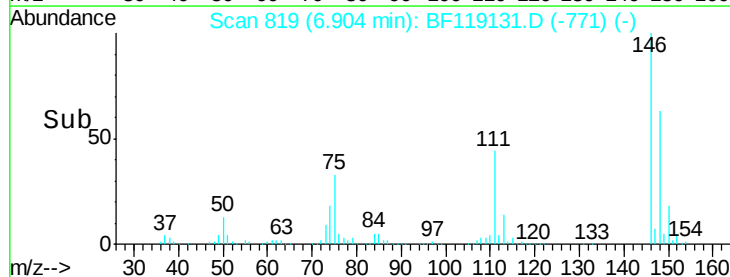
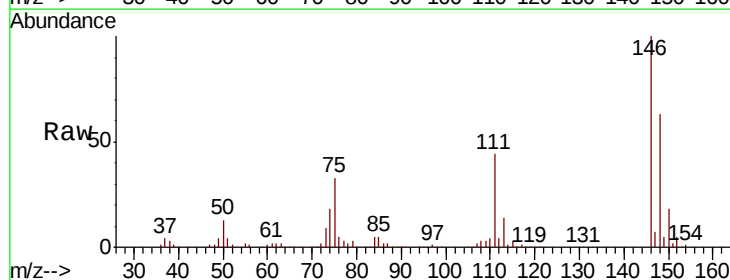
Tgt Ion:146 Resp: 390925

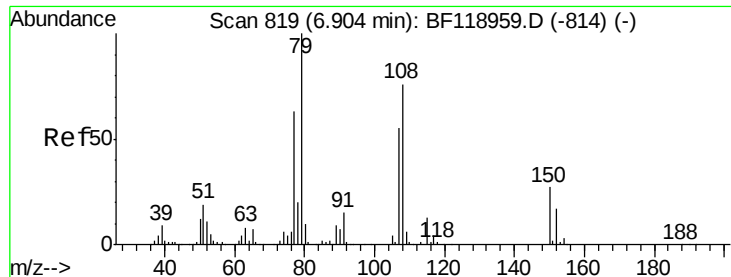
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

111 44.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.691 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

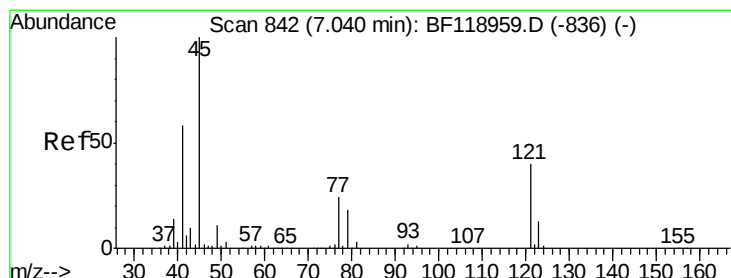
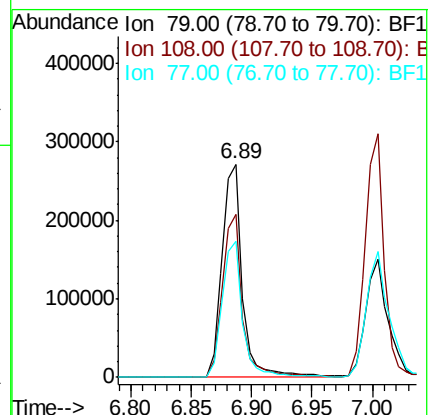
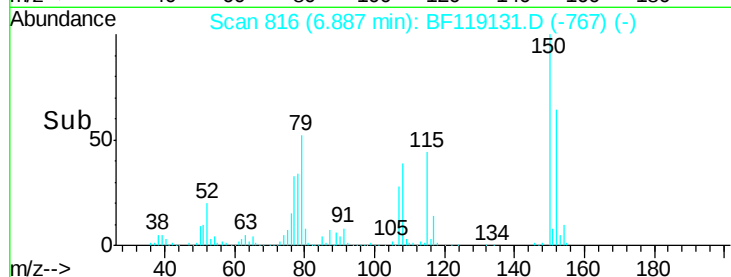
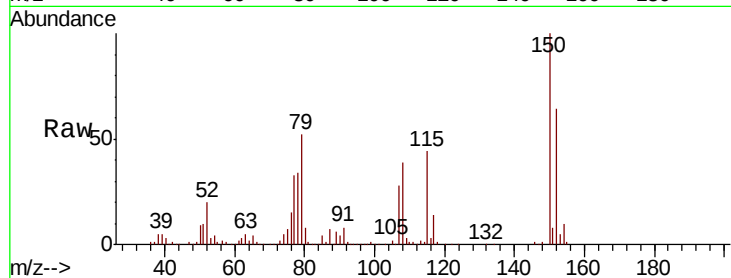
Tot Ion: 79 Resp: 314004

Ion Ratio Lower Upper

79 100

108 76.3 58.2 87.2

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.217 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

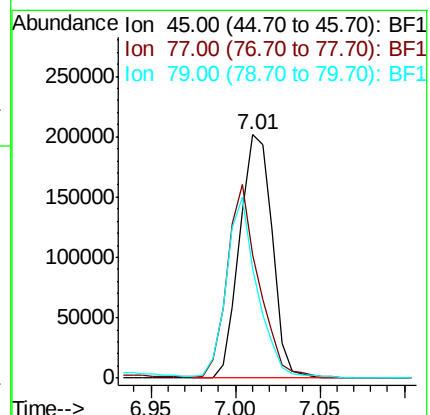
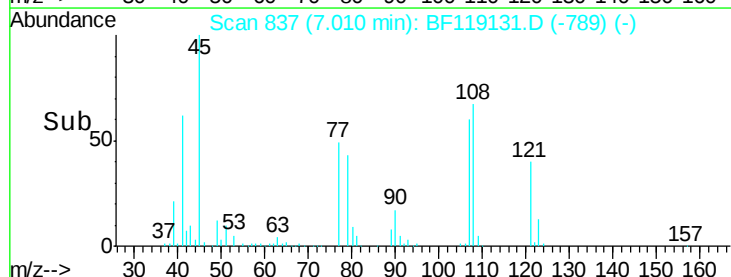
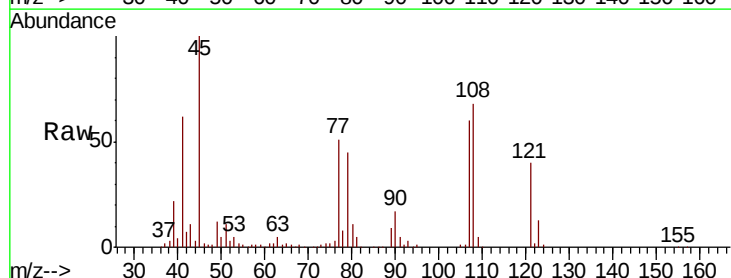
Tgt Ion: 45 Resp: 271421

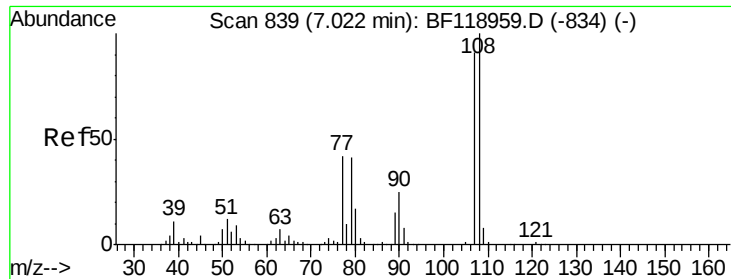
Ion Ratio Lower Upper

45 100

77 50.5 15.0 55.0

79 44.6 9.4 49.4

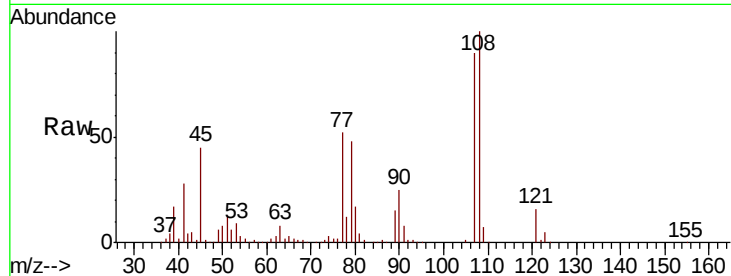




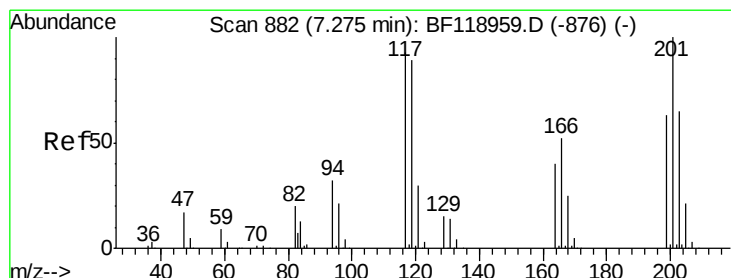
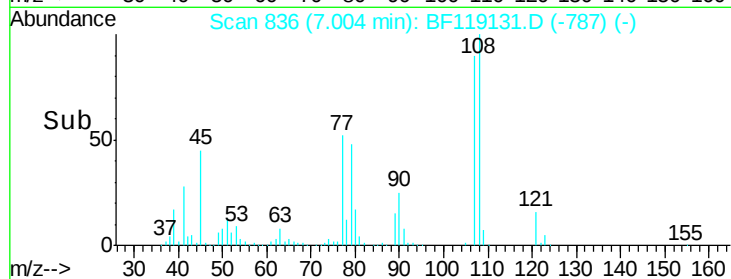
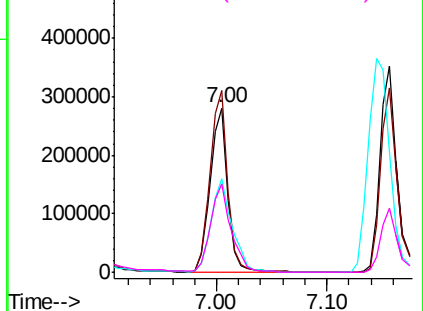
#17
2-Methylphenol
Concen: 41.229 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion:	107	Resp:	301865
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.9	131.9
77	57.3	45.3	67.9
79	53.5	43.0	64.4

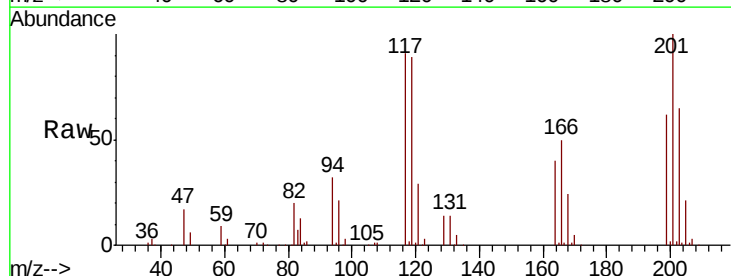


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

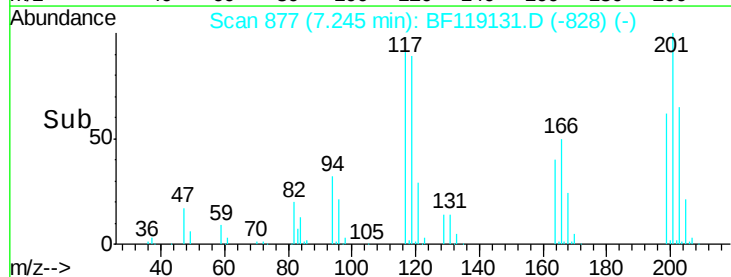
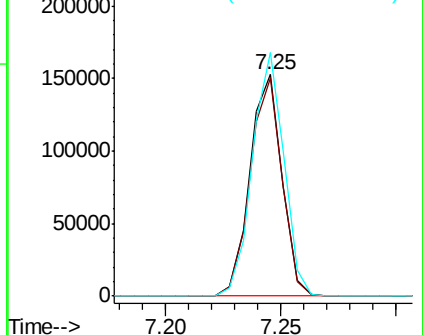


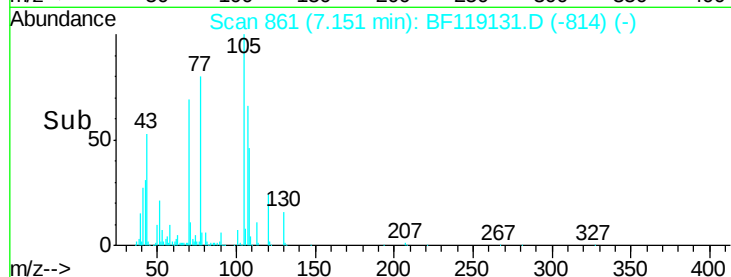
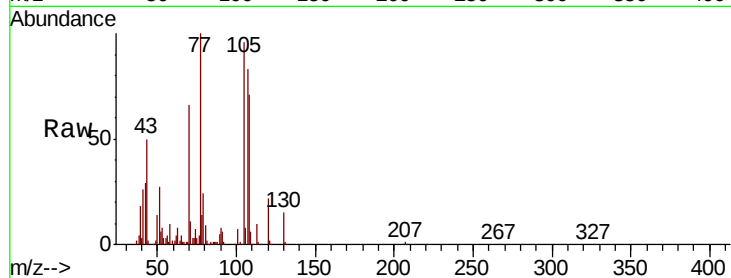
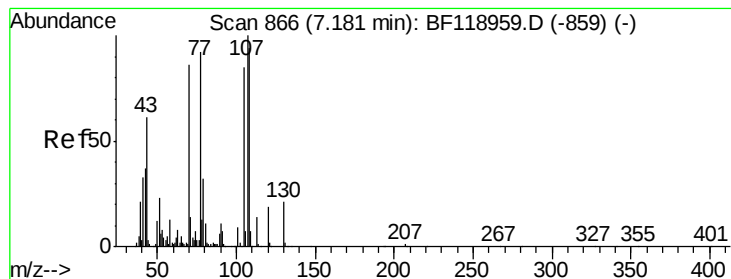
#18
Hexachloroethane
Concen: 38.284 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:	117	Resp:	148352
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.5	116.3
201	110.0	82.6	123.8



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: 42.331 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

Tot Ion: 70 Resp: 251029

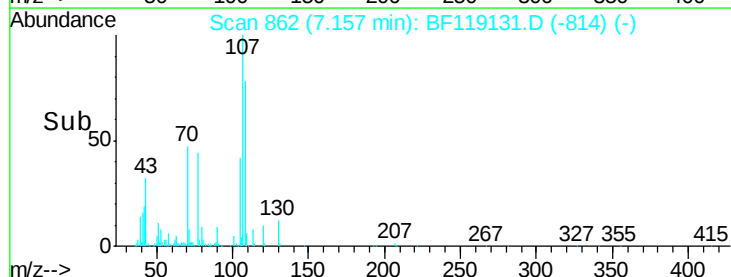
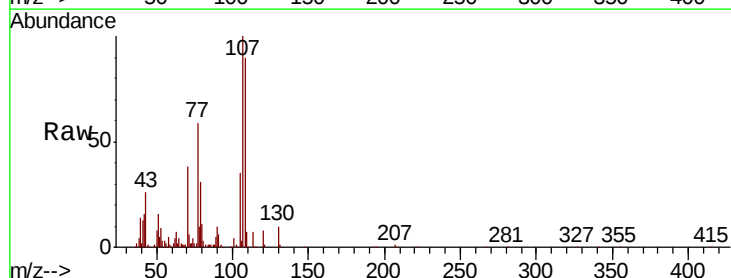
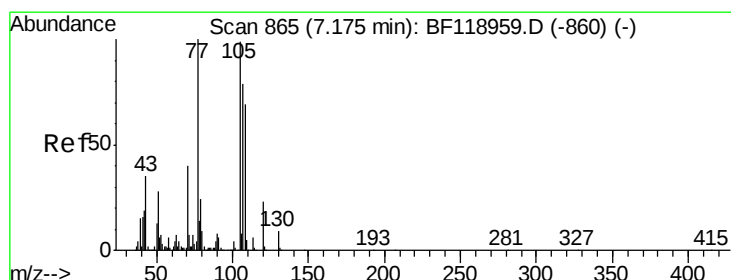
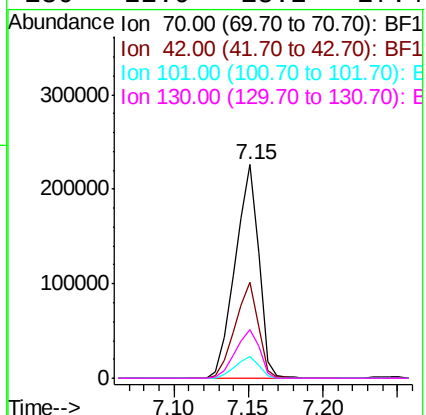
Ion Ratio Lower Upper

70 100

42 44.7 38.0 57.0

101 10.0 8.2 12.4

130 22.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.697 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion: 107 Resp: 382996

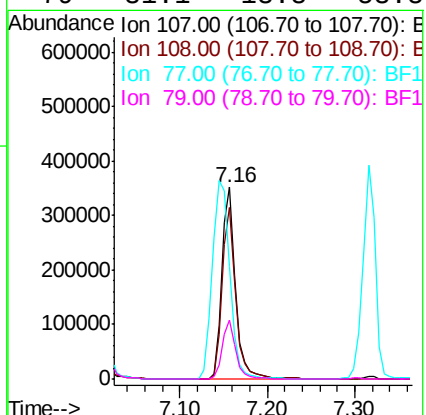
Ion Ratio Lower Upper

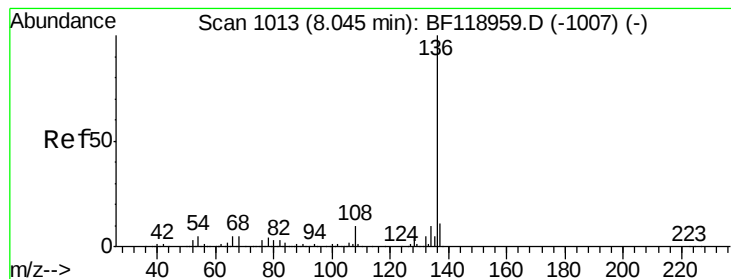
107 100

108 89.6 71.5 111.5

77 58.8 45.9 85.9

79 31.1 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

Tot Ion:136 Resp: 540411

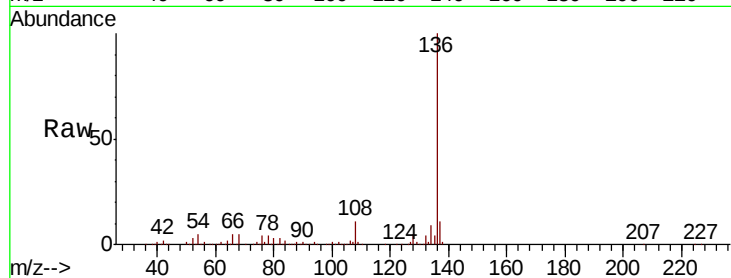
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

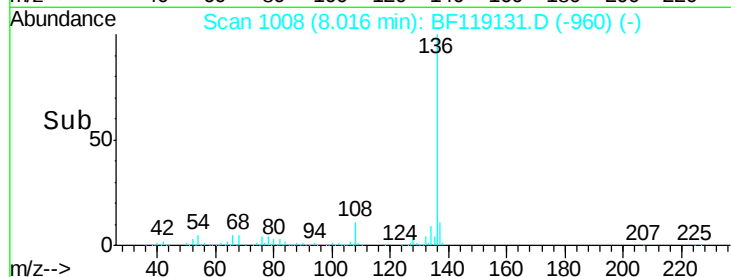


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

8.02

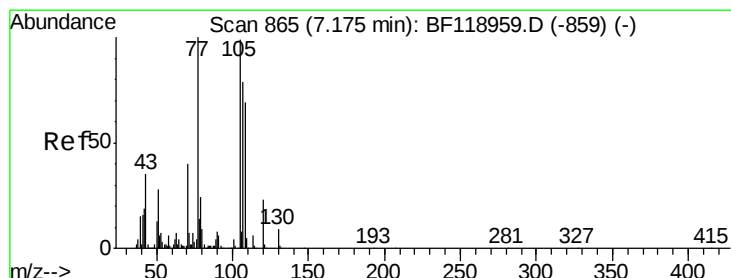
600000

400000

200000

0

7.95 8.00 8.05 8.10



#22

Acetophenone

Concen: 40.416 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion:105 Resp: 505349

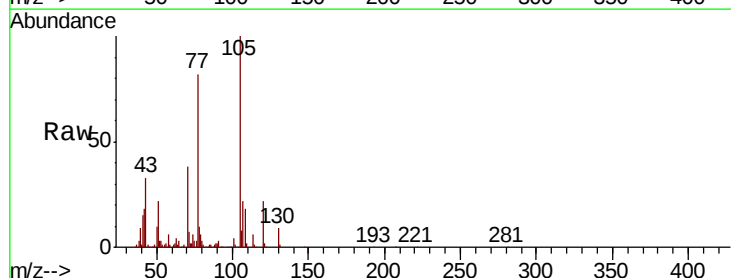
Ion Ratio Lower Upper

105 100

71 6.6 3.0 4.4#

51 21.9 20.1 30.1

120 22.3 18.0 27.0

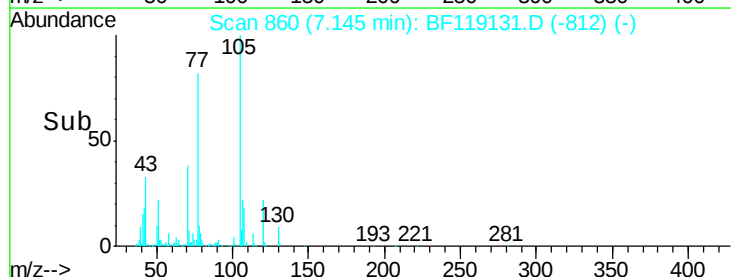


Abundance Ion 105.00 (104.70 to 105.70): E

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



Time-->

7.15

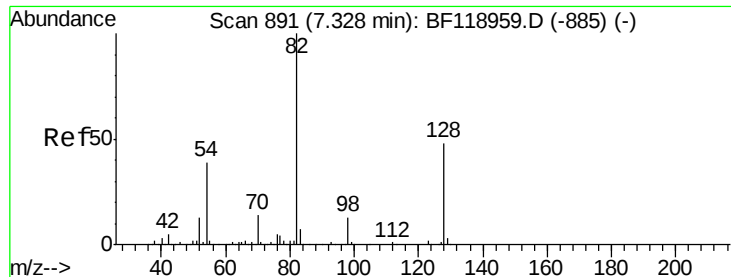
600000

400000

200000

0

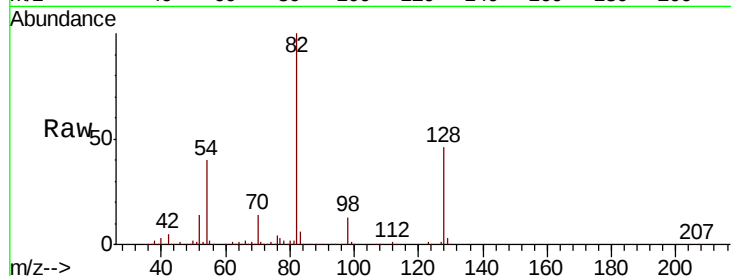
7.10 7.20 7.30



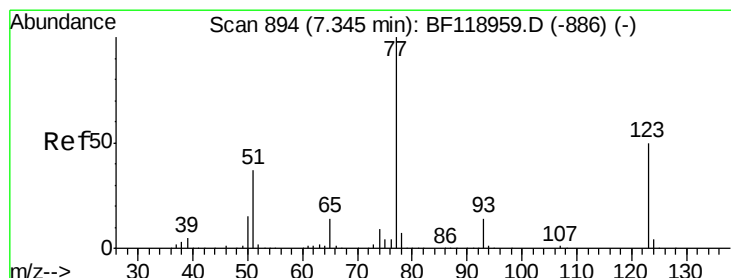
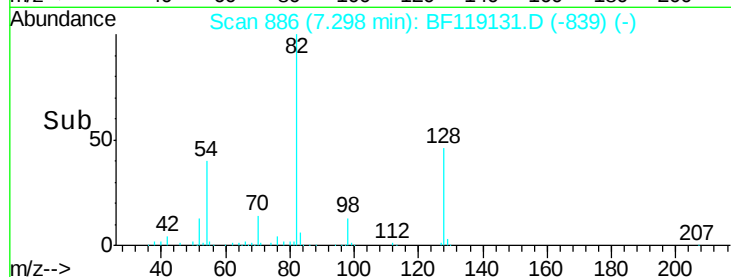
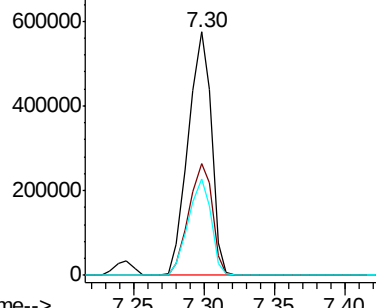
#23
Nitrobenzene-d5
Concen: 64.583 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion: 82 Resp: 661013
Ion Ratio Lower Upper
82 100
128 46.2 37.9 56.9
54 39.7 33.4 50.2

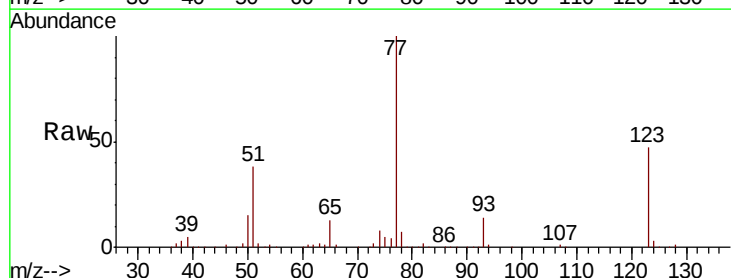


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

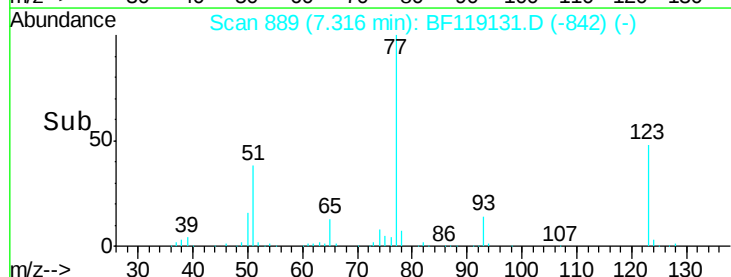
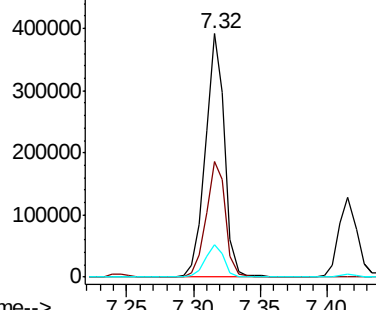


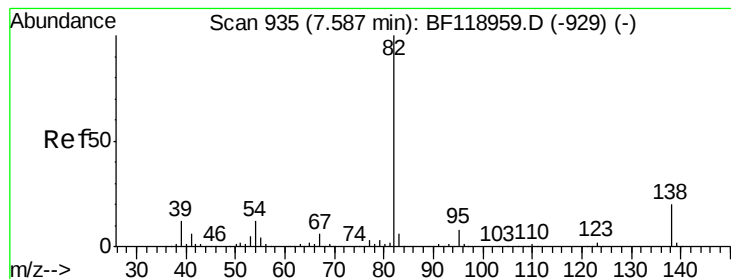
#24
Nitrobenzene
Concen: 38.713 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion: 77 Resp: 391831
Ion Ratio Lower Upper
77 100
123 47.3 40.2 60.2
65 13.1 10.8 16.2



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





#25

Isophorone

Concen: 39.611 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

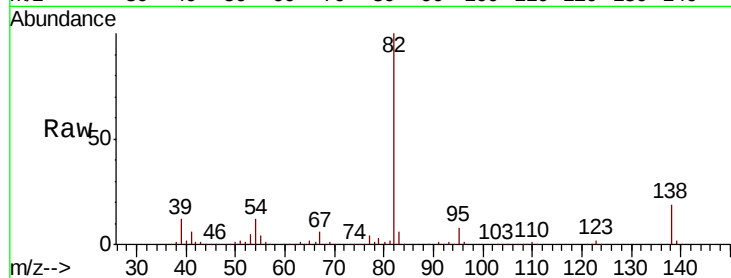
Tot Ion: 82 Resp: 704087

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

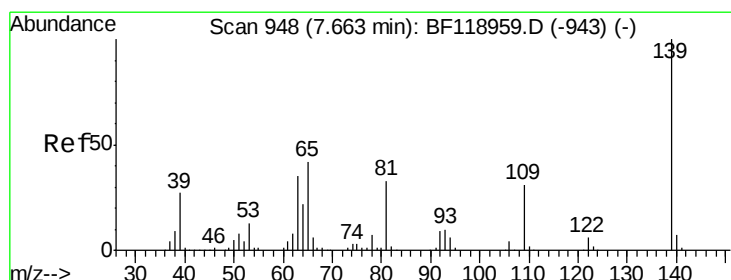
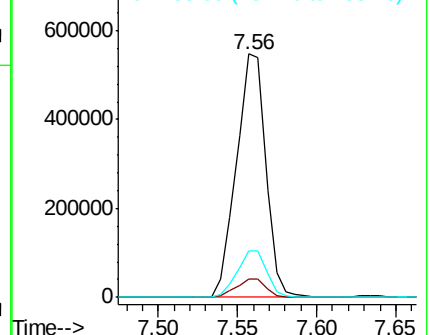
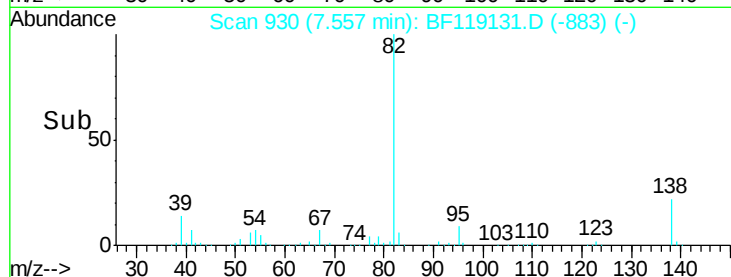
138 18.9 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.311 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

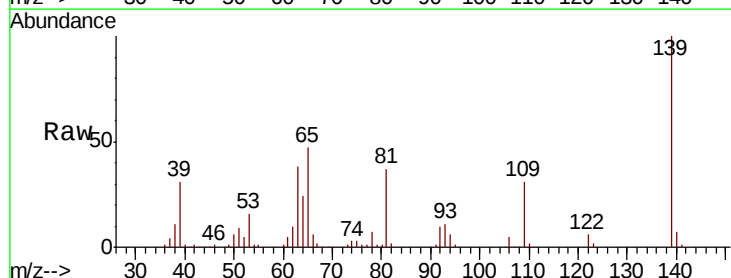
Tgt Ion: 139 Resp: 210816

Ion Ratio Lower Upper

139 100

109 30.7 25.7 38.5

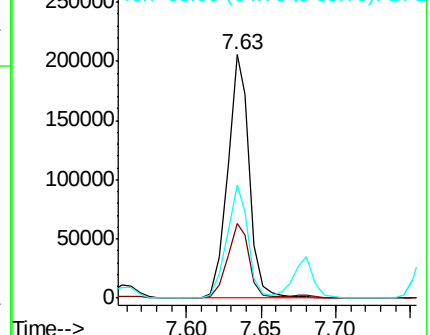
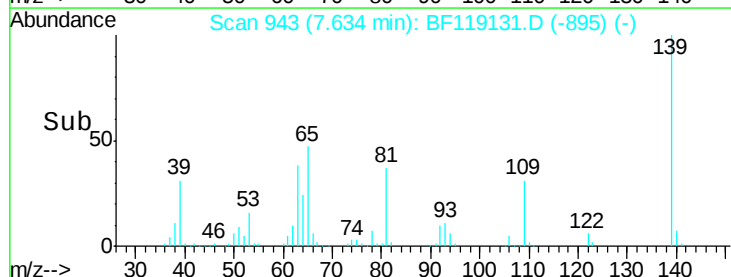
65 46.7 37.1 55.7

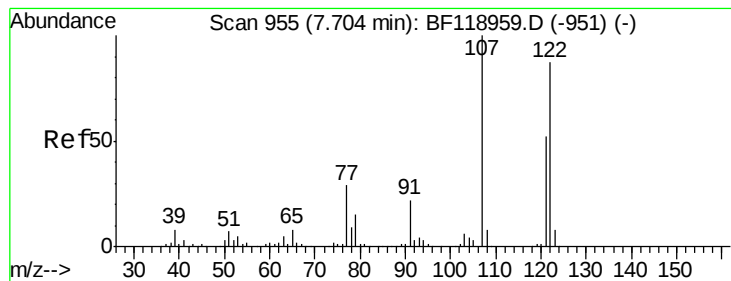


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.212 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

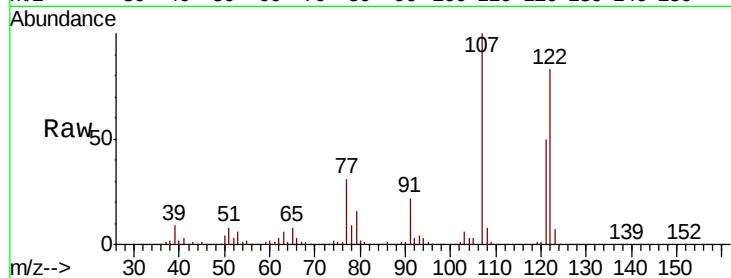
Tot Ion:122 Resp: 321788

Ion Ratio Lower Upper

122 100

107 120.8 93.8 140.6

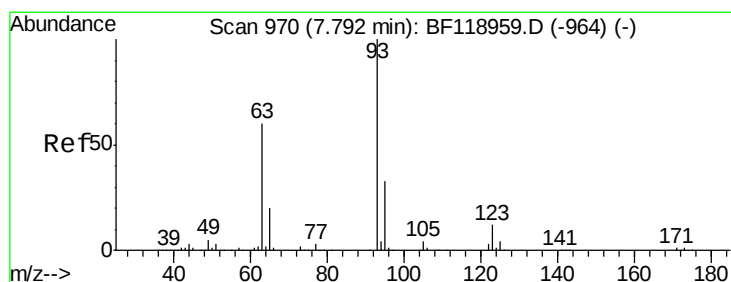
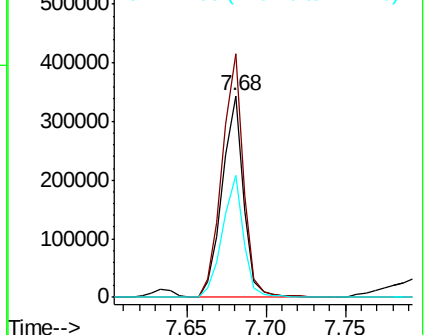
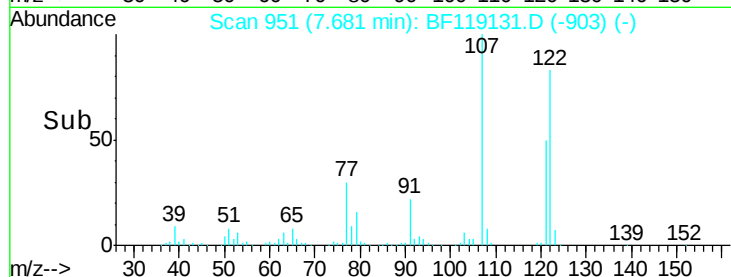
121 60.4 48.2 72.2



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: 37.045 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

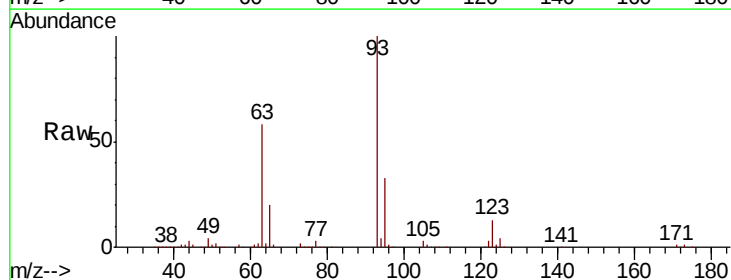
Tgt Ion: 93 Resp: 428608

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

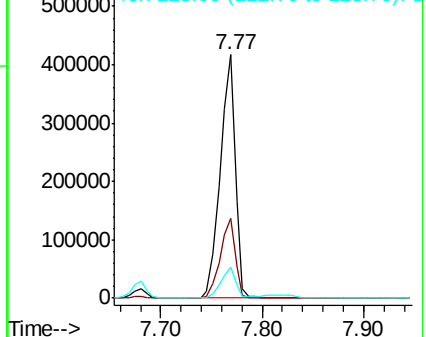
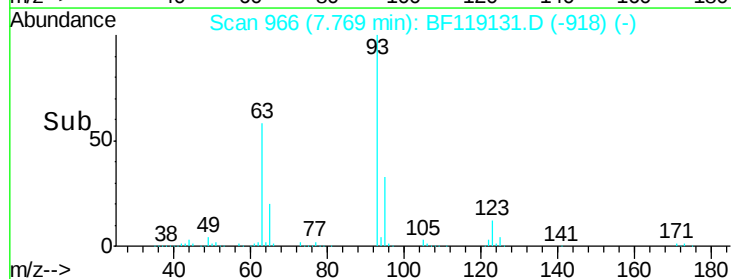
123 12.5 10.2 15.2

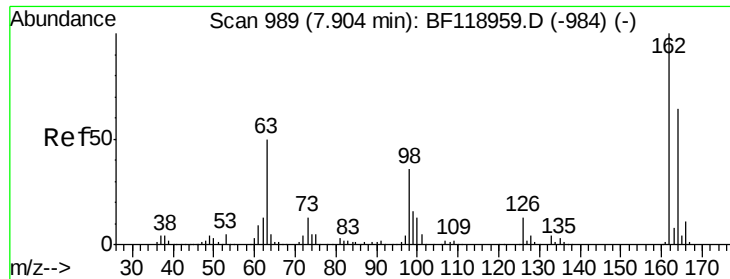


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

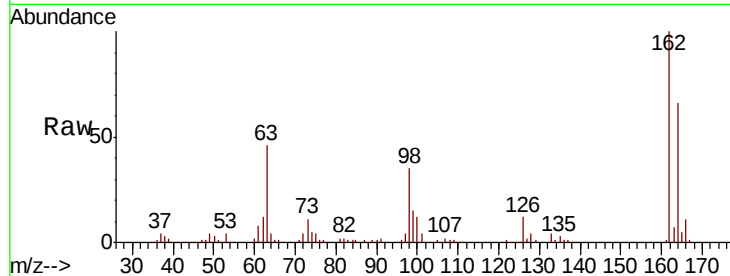




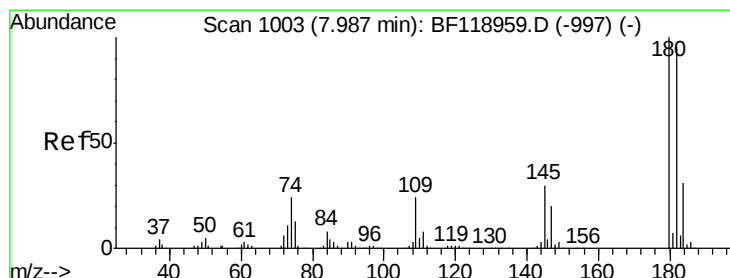
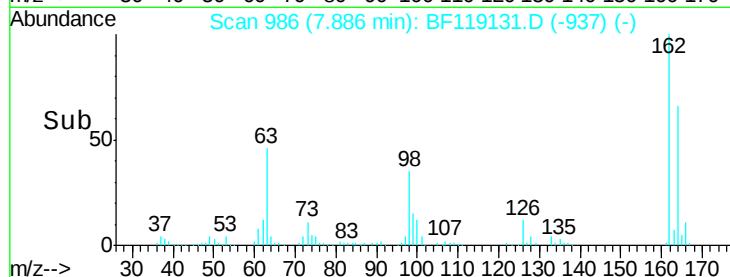
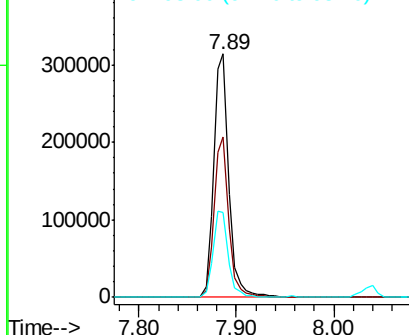
#29
 2,4-Dichlorophenol
 Concen: 38.900 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

Tot Ion:162 Resp: 333306
 Ion Ratio Lower Upper
 162 100
 164 66.1 45.2 85.2
 98 34.7 17.4 57.4

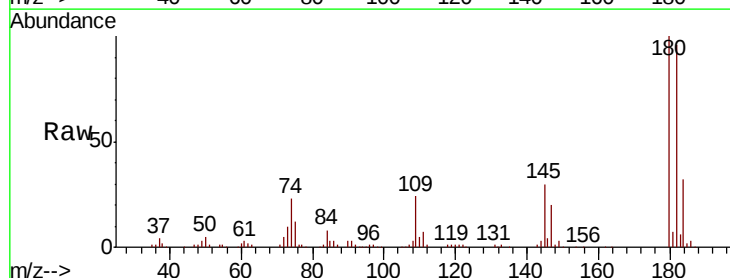


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

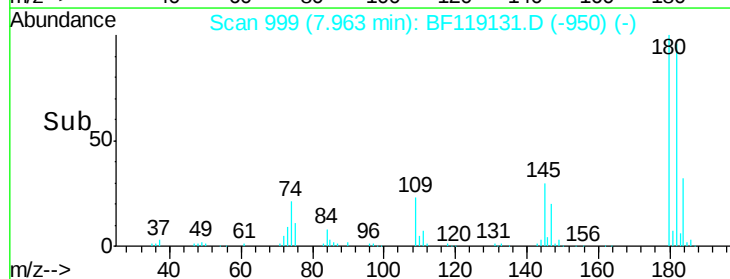
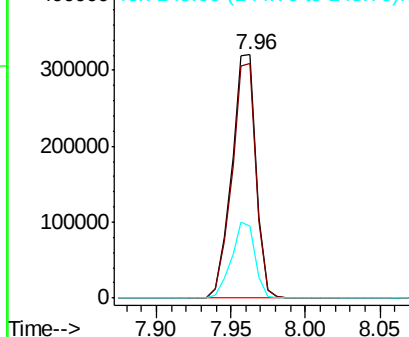


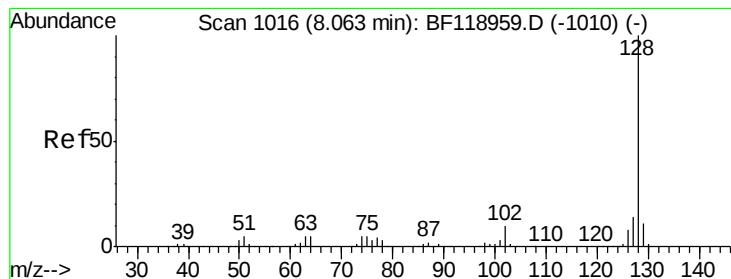
#30
 1,2,4-Trichlorobenzene
 Concen: 36.141 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:180 Resp: 367157
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.8 116.6
 145 29.8 25.2 37.8



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: 38.659 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

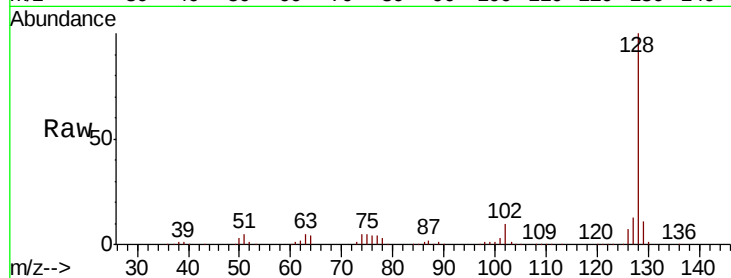
Tot Ion:128 Resp: 1083481

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

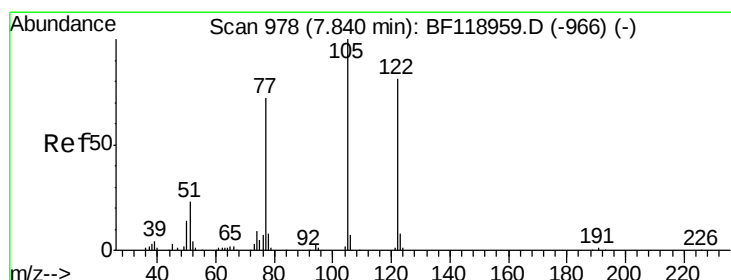
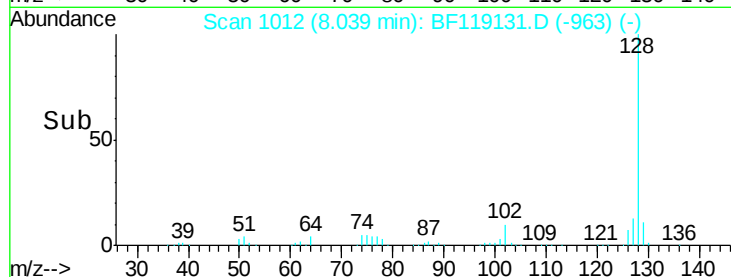
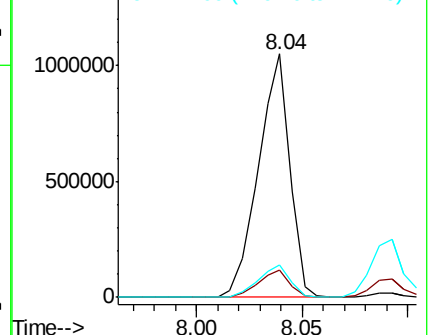
127 13.4 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.085 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

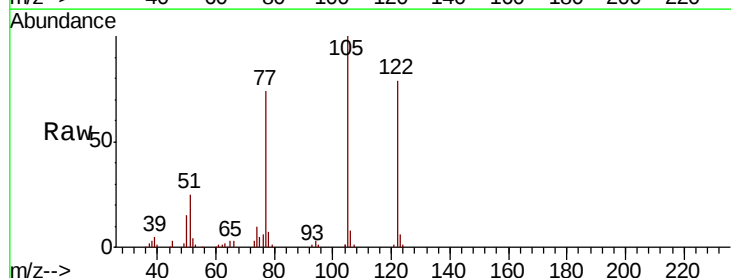
Tgt Ion:122 Resp: 181408

Ion Ratio Lower Upper

122 100

105 126.1 106.3 146.3

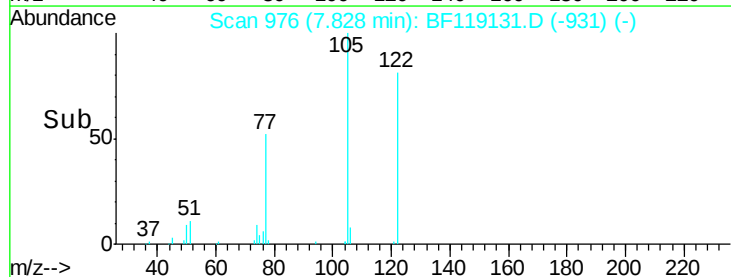
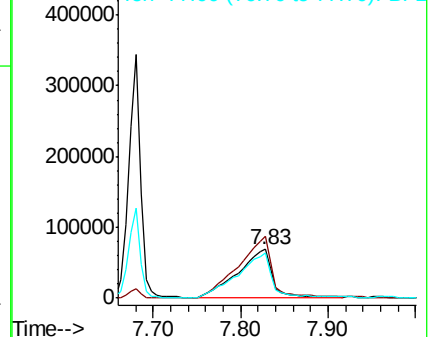
77 93.0 73.1 113.1

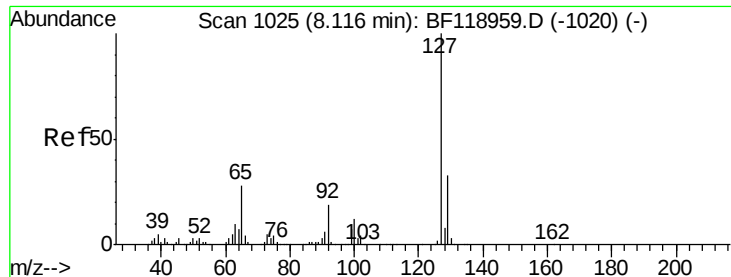


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

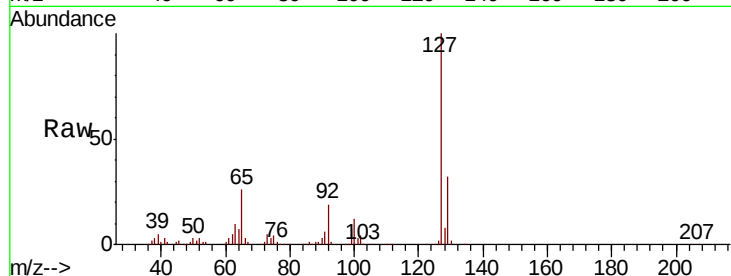




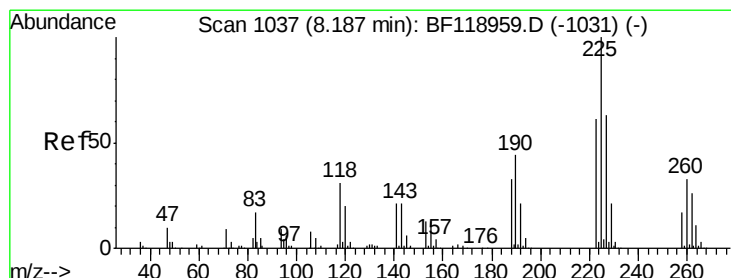
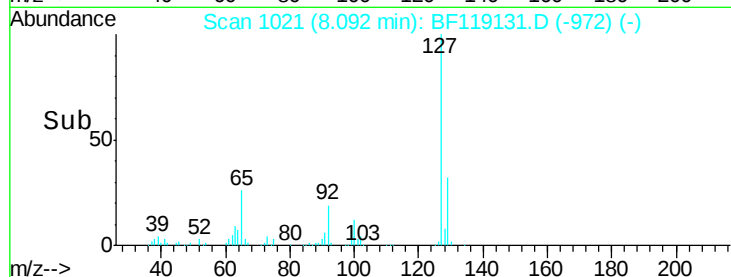
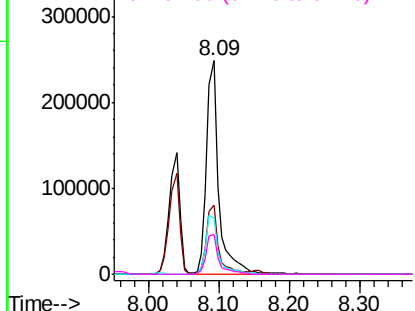
#33
4-Chloroaniline
Concen: 25.051 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion:	127	Resp:	301981
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.4	23.9	35.9
92	18.8	16.3	24.5

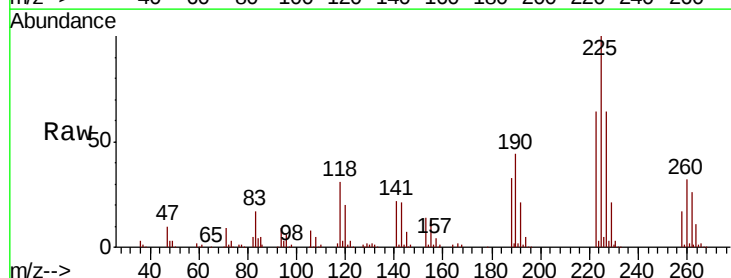


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

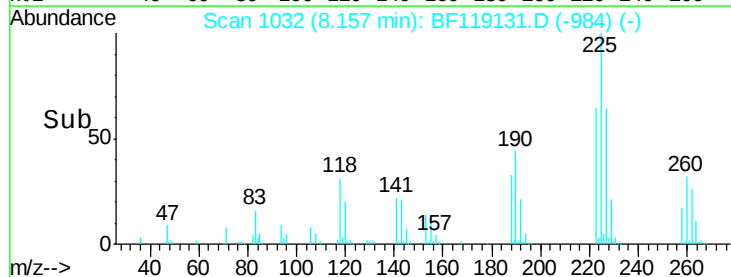
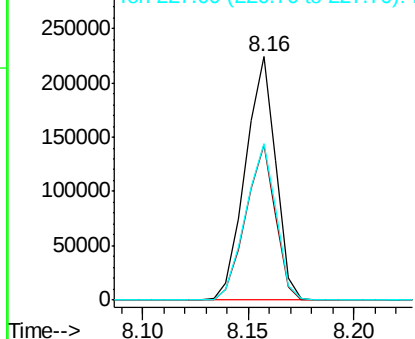


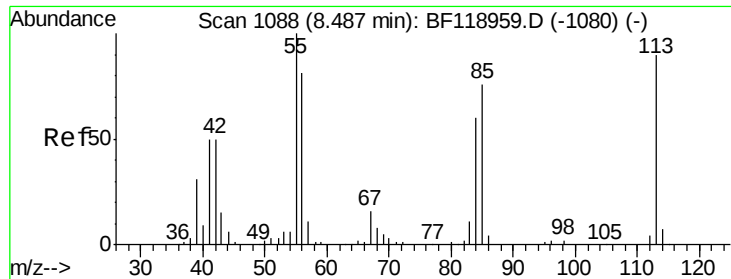
#34
Hexachlorobutadiene
Concen: 35.240 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:	225	Resp:	223000
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.2
227	64.4	52.9	79.3



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: 37.244 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

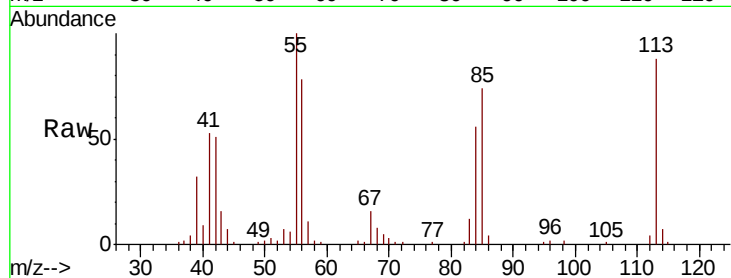
Tot Ion:113 Resp: 98262

Ion Ratio Lower Upper

113 100

55 113.7 95.7 135.7

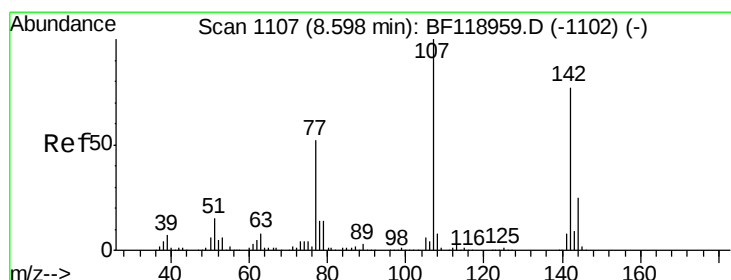
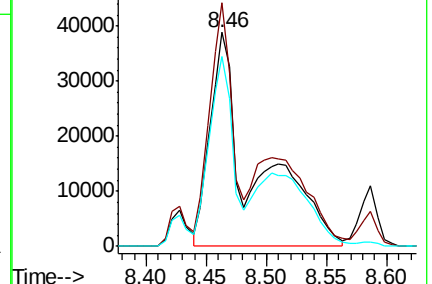
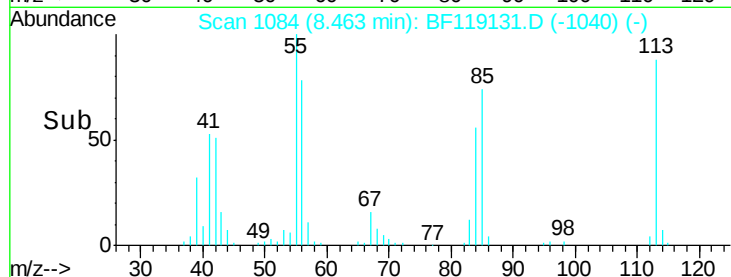
56 88.9 73.1 113.1



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: 39.805 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

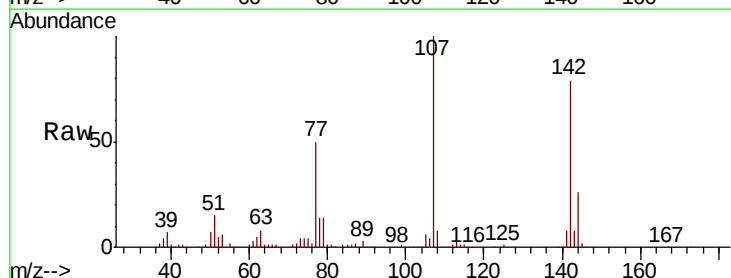
Tgt Ion:107 Resp: 345171

Ion Ratio Lower Upper

107 100

144 26.3 20.1 30.1

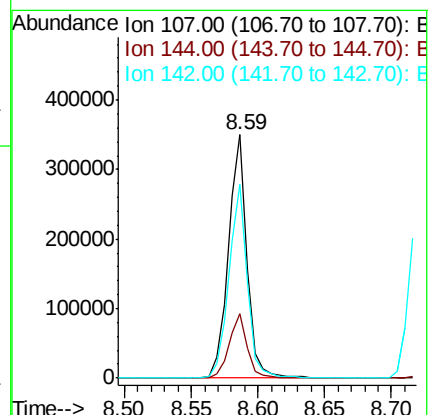
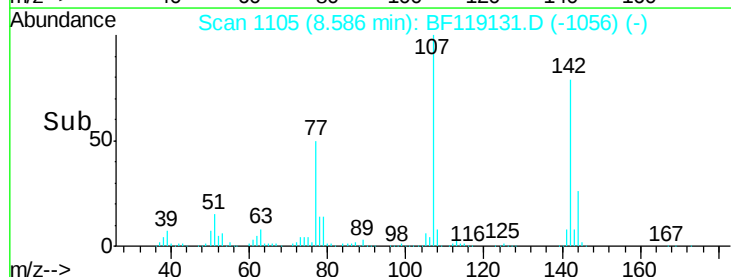
142 79.5 61.4 92.2

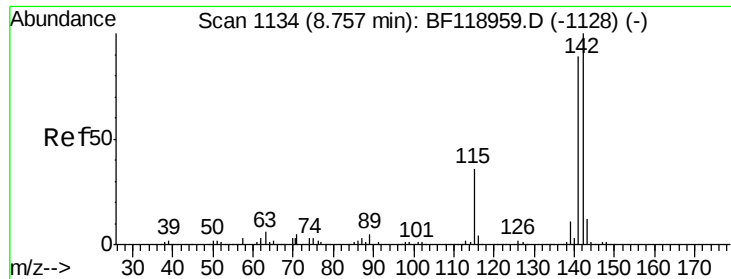


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

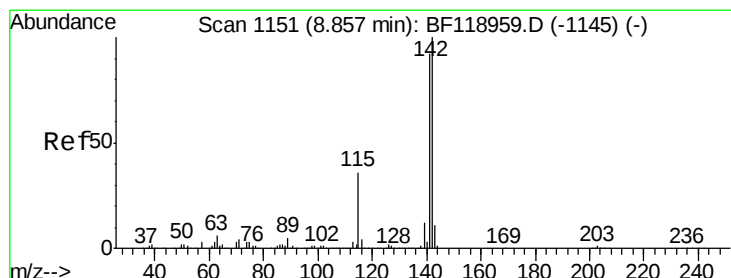
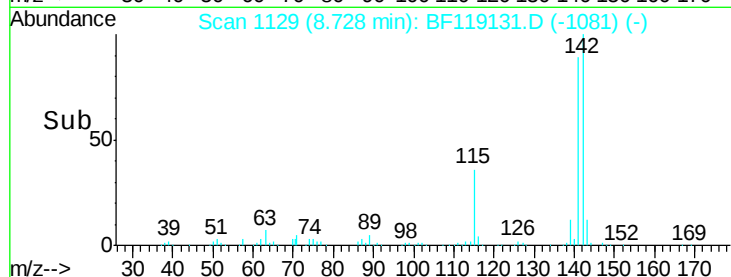
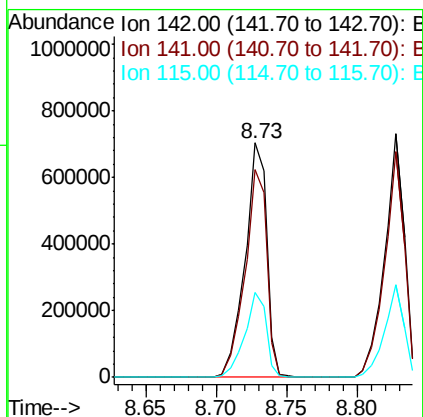
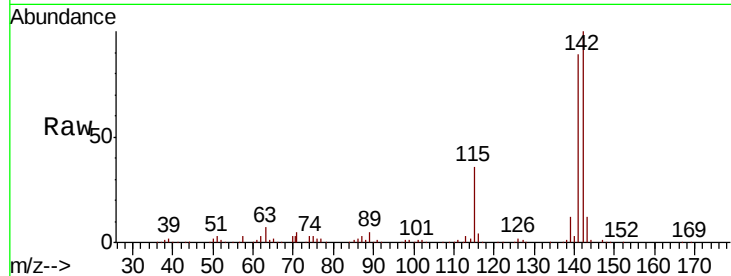




#37
2-Methylnaphthalene
Concen: 40.149 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

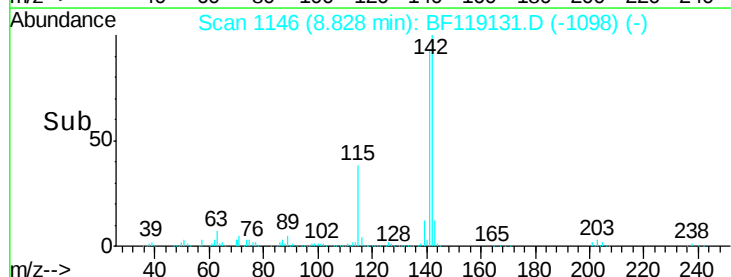
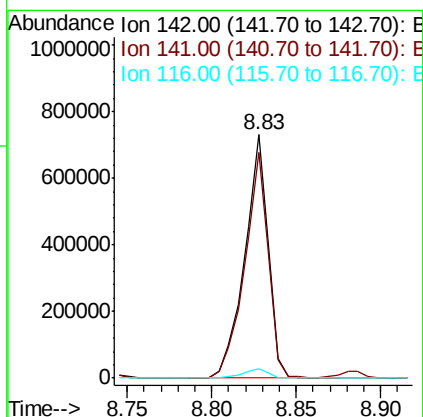
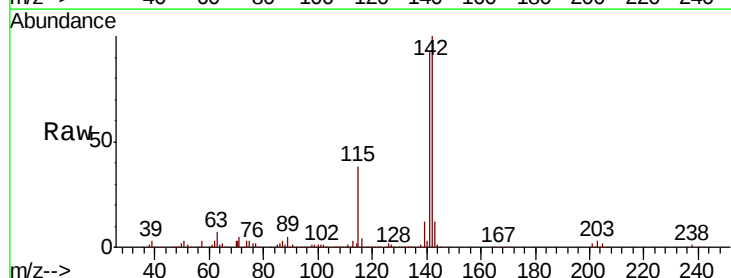
Instrument :
BNA_F
ClientSampleId :
PB127140BS

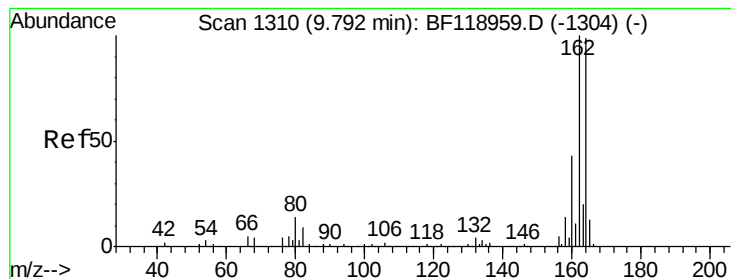
Tot Ion:142 Resp: 757243
Ion Ratio Lower Upper
142 100
141 88.8 72.3 108.5
115 36.5 30.6 45.8



#38
1-Methylnaphthalene
Concen: 39.919 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:142 Resp: 708077
Ion Ratio Lower Upper
142 100
141 92.7 75.8 113.6
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

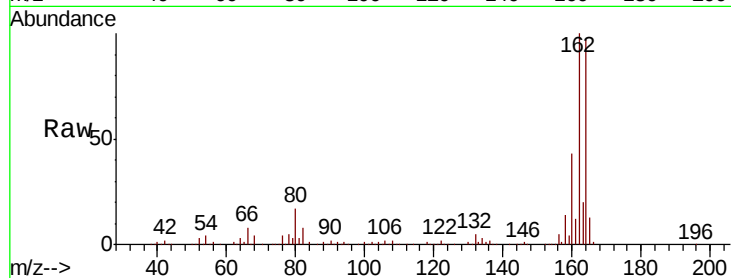
Tot Ion:164 Resp: 308885

Ion Ratio Lower Upper

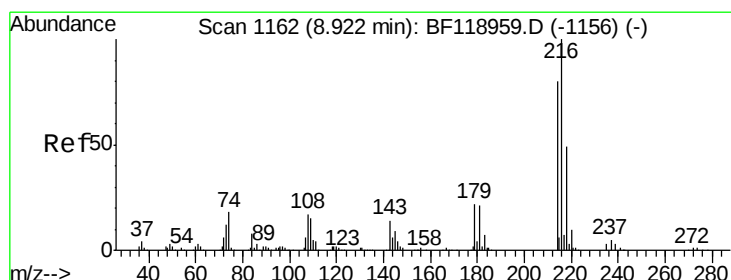
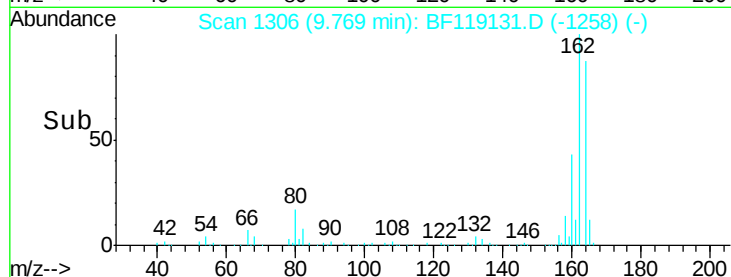
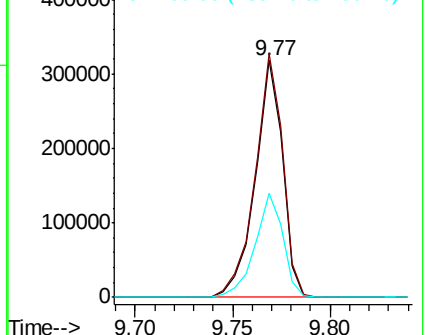
164 100

162 102.9 81.8 122.8

160 43.9 36.0 54.0



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: 36.047 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion:216 Resp: 375408

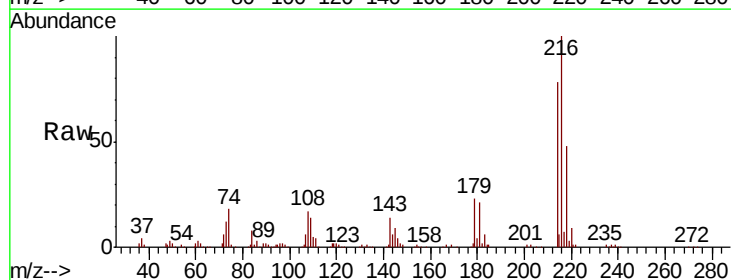
Ion Ratio Lower Upper

216 100

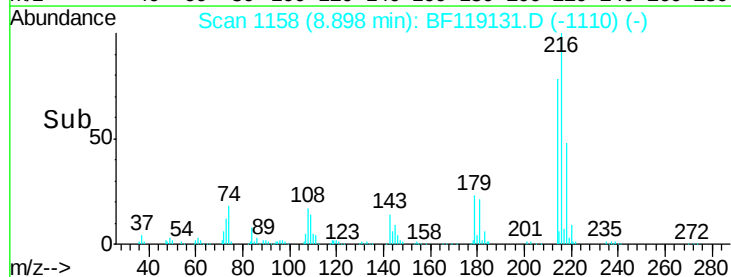
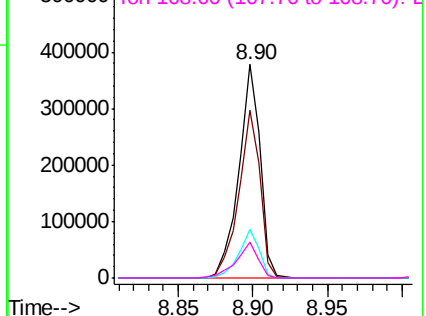
214 78.5 63.3 94.9

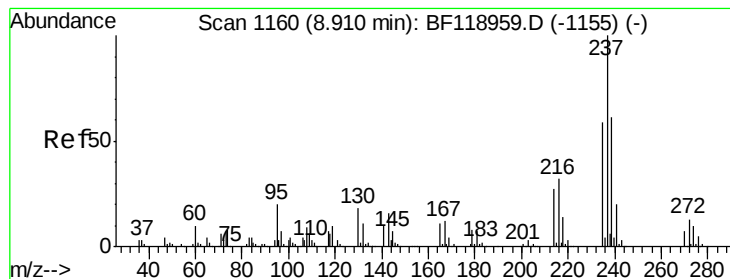
179 21.9 17.7 26.5

108 17.6 13.9 20.9



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: 48.129 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

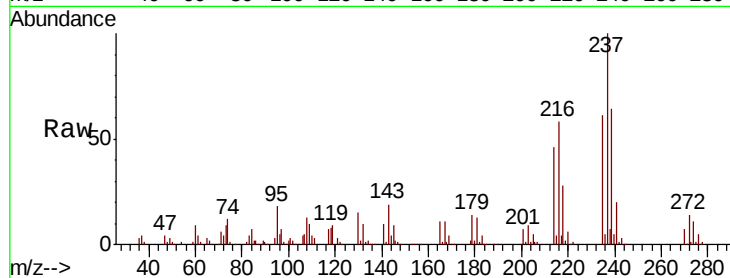
Tot Ion:237 Resp: 166374

Ion Ratio Lower Upper

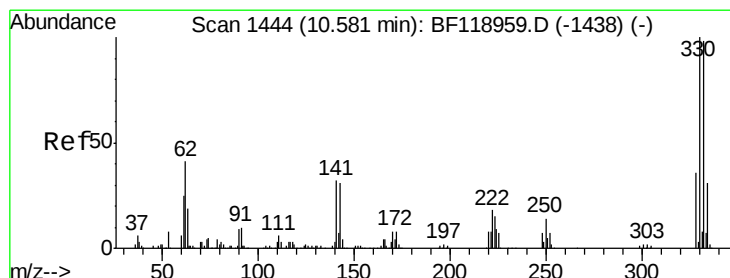
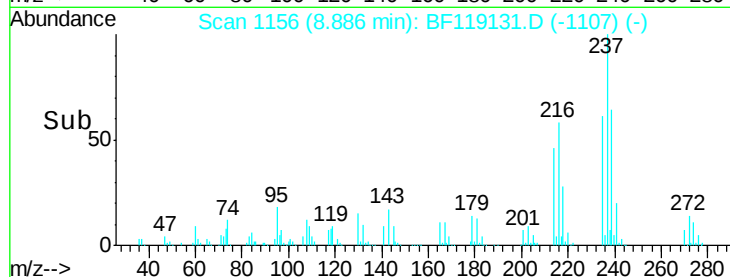
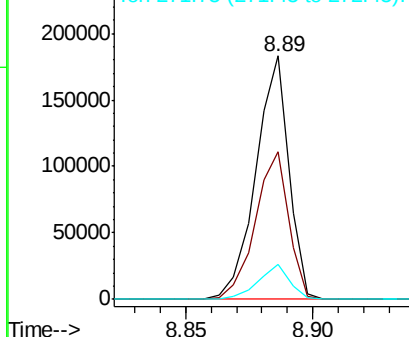
237 100

235 60.7 42.3 82.3

272 14.2 0.0 33.5



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: 104.377 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

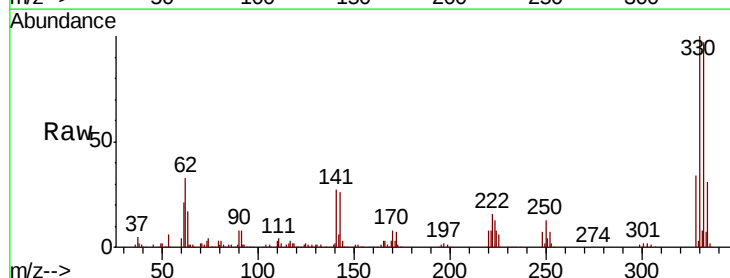
Tgt Ion:330 Resp: 421759

Ion Ratio Lower Upper

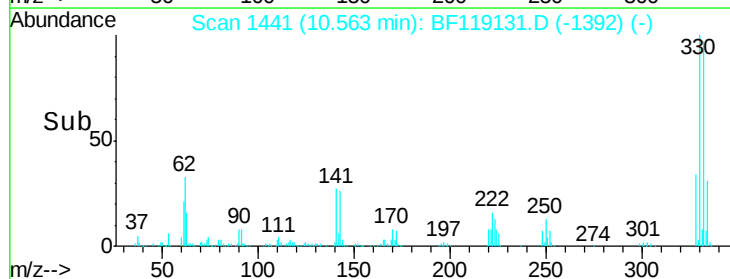
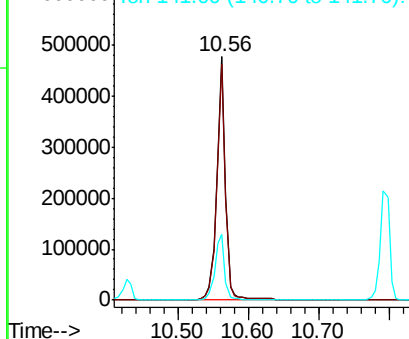
330 100

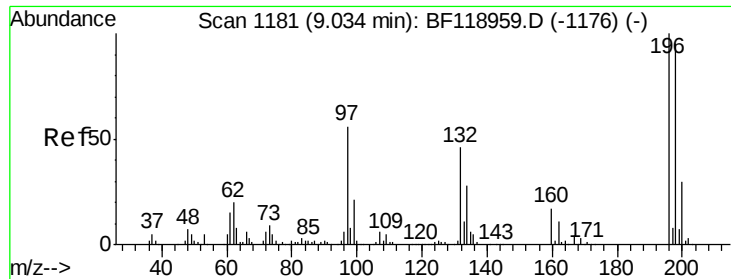
332 95.8 76.0 114.0

141 29.7 22.9 34.3



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

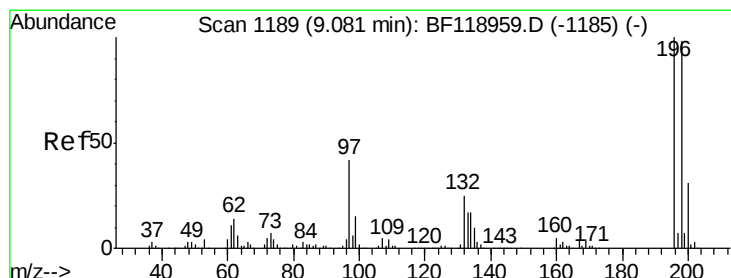
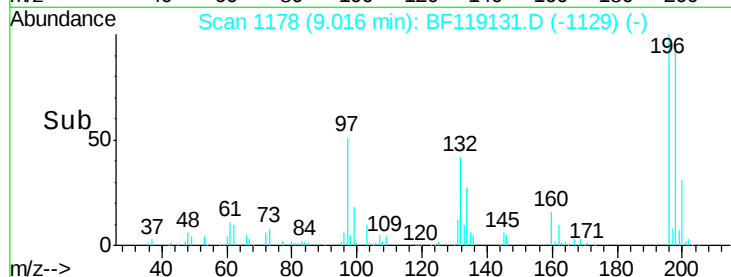
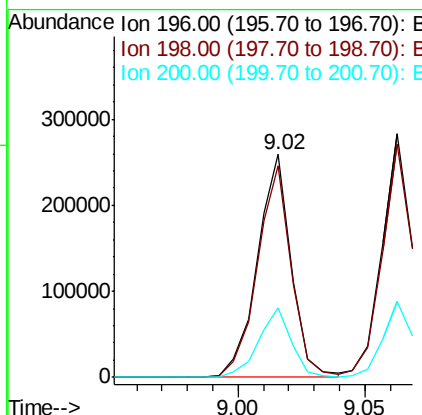
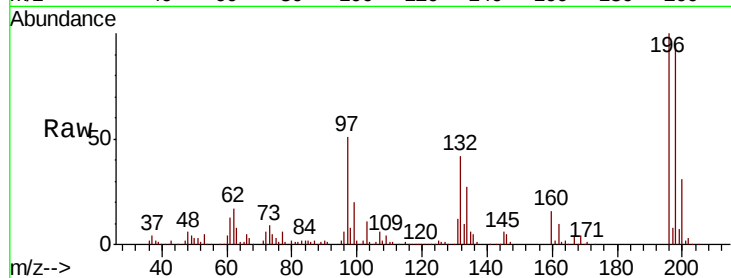




#43
 2,4,6-Trichlorophenol
 Concen: 36.662 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

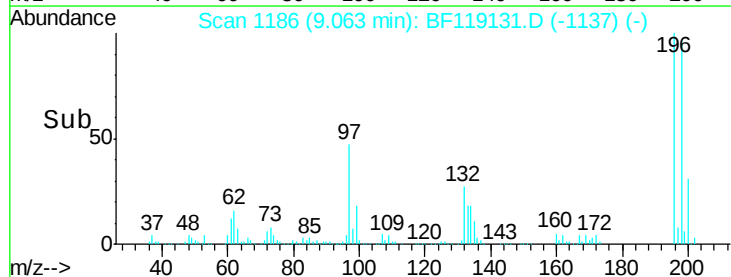
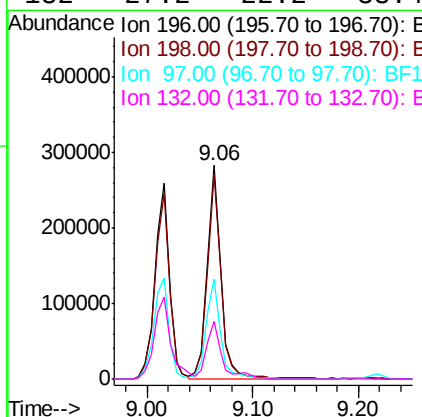
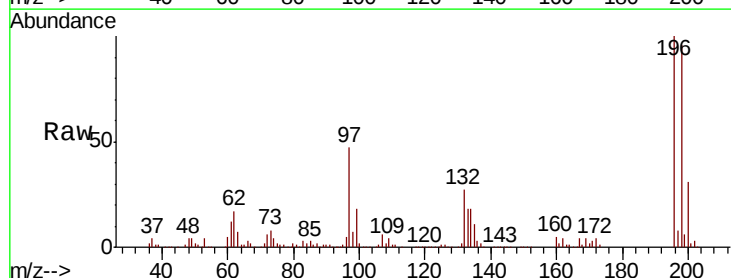
Instrument :
 BNA_F
 ClientSampleID :
 PB127140BS

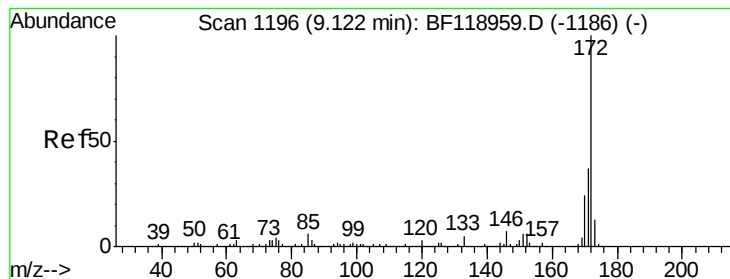
Tot Ion:196 Resp: 241112
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.212 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:196 Resp: 256805
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.8 115.2
 97 46.8 38.5 57.7
 132 27.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 66.348 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

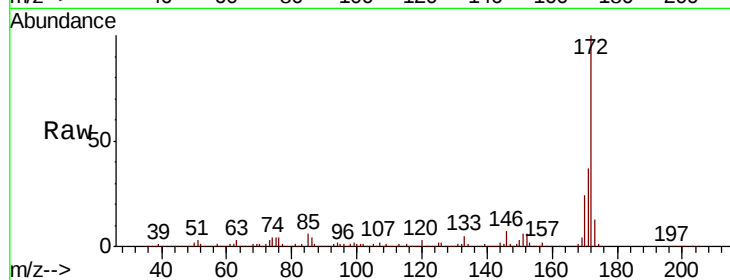
BNA_F

ClientSampleId :

PB127140BS

Tot Ion:172 Resp: 1391135

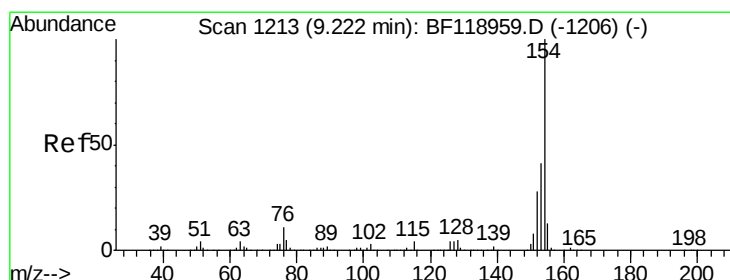
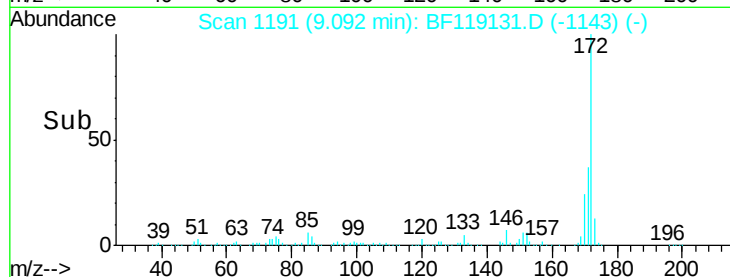
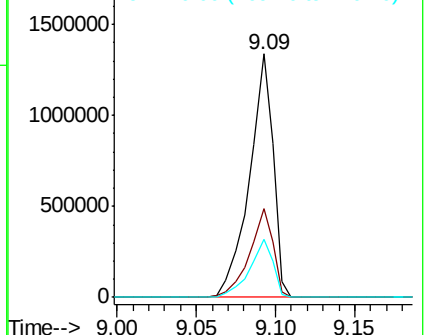
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	23.8	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.689 ng

RT: 9.19 min Scan# 1208

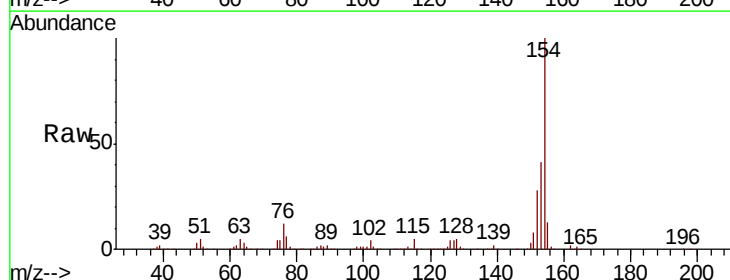
Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Tgt Ion:154 Resp: 915920

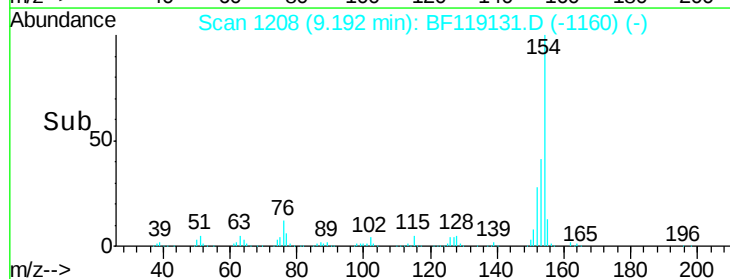
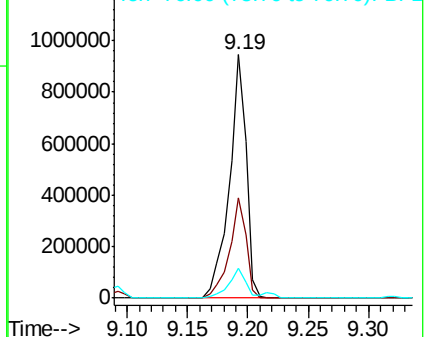
Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.8	62.8
76	12.5	0.0	32.2

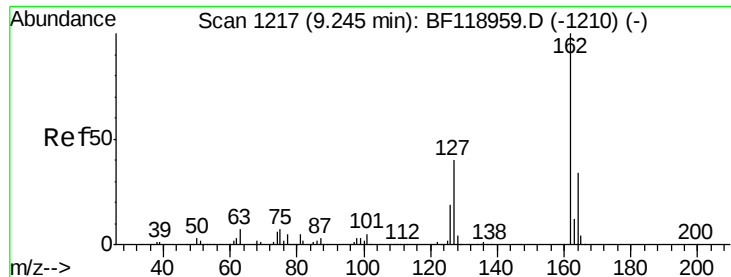


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

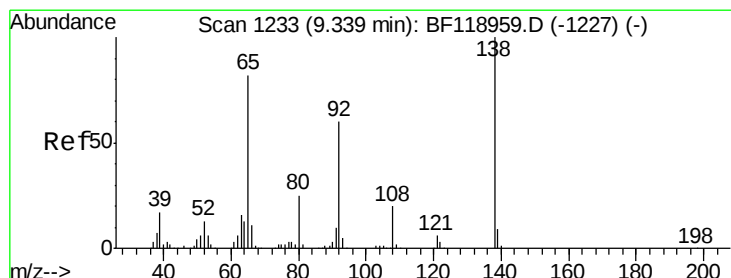
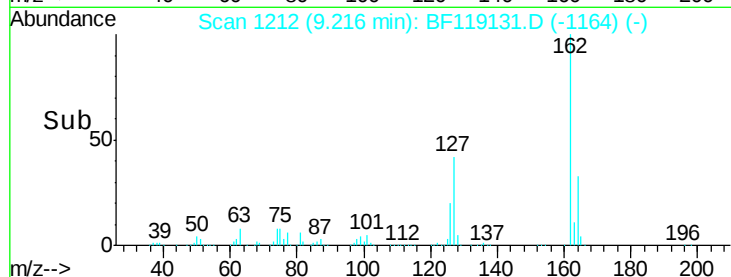
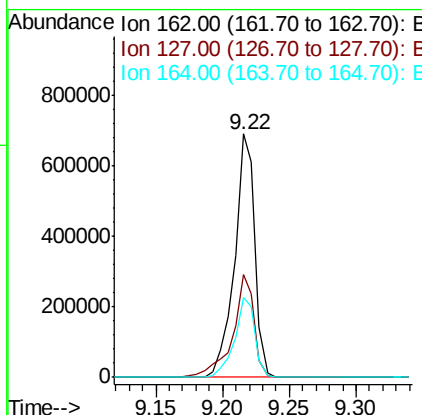
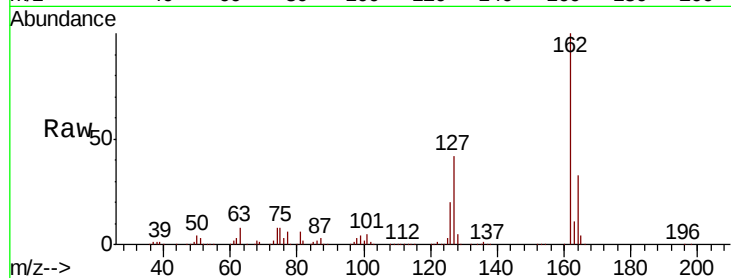




#47
 2-Chloronaphthalene
 Concen: 36.475 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

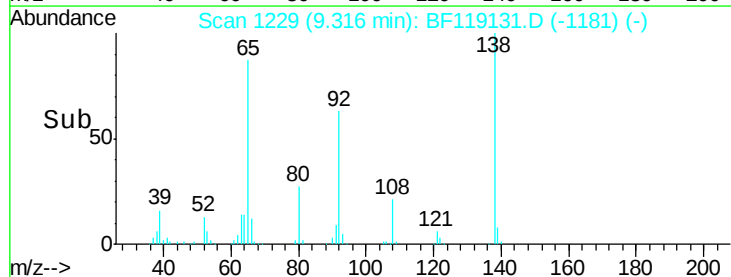
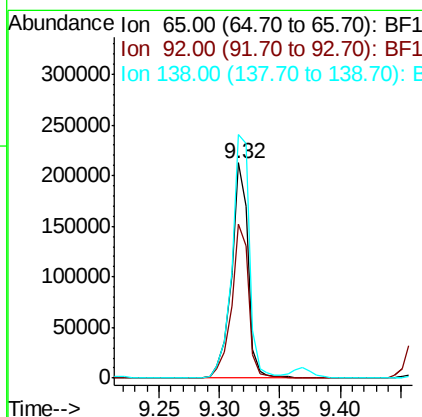
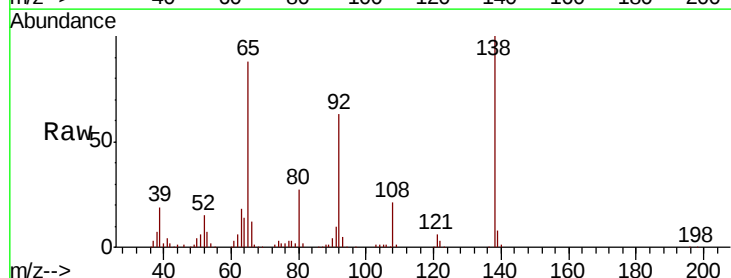
Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

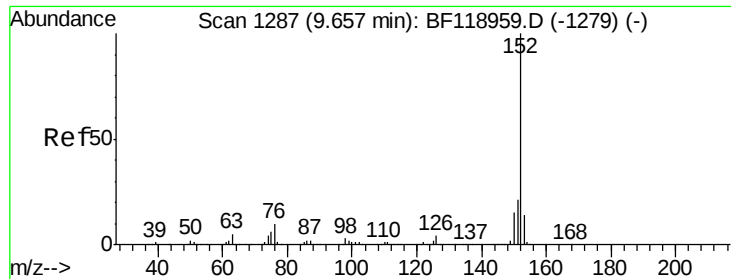
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.0	52.4
164	32.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 36.592 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	58.2	87.2
138	113.0	95.6	143.4





#49

Acenaphthylene

Concen: 38.484 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

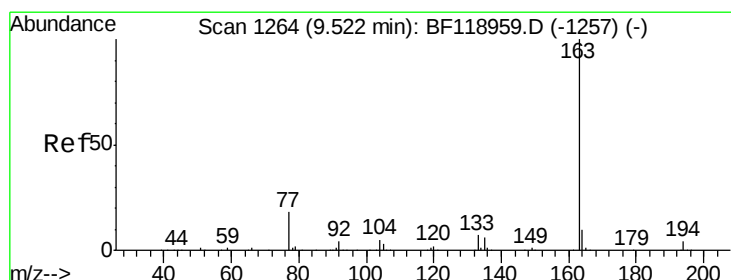
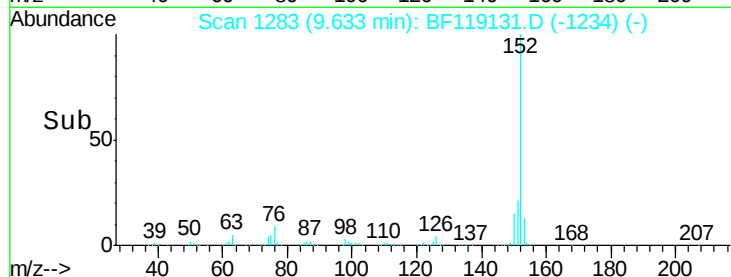
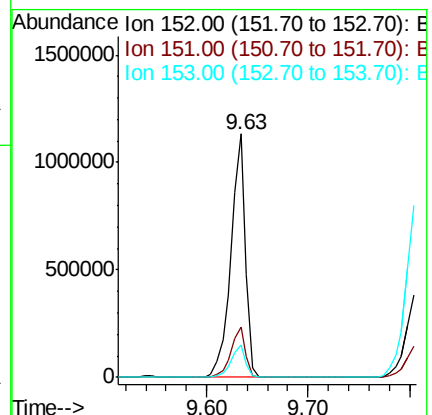
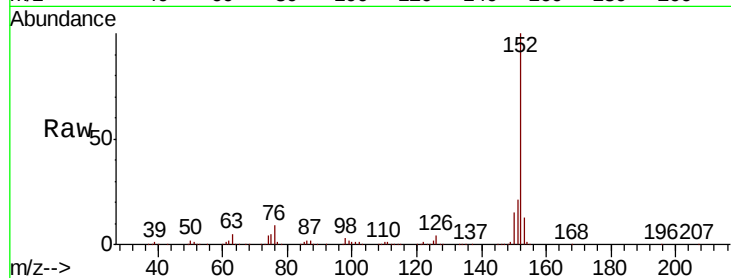
Tot Ion:152 Resp: 1118169

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.2 11.0 16.6



#50

Dimethylphthalate

Concen: 37.976 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

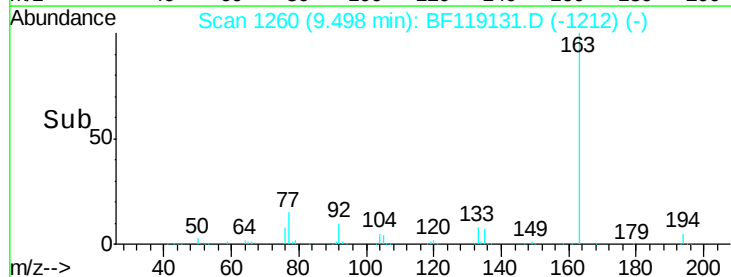
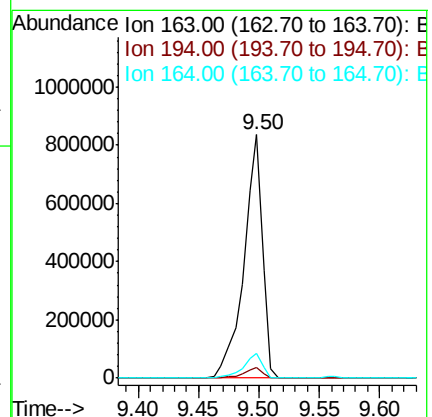
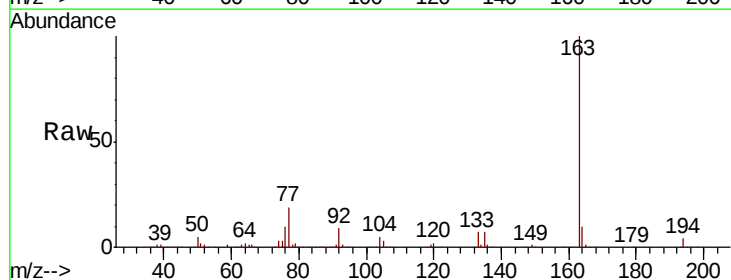
Tgt Ion:163 Resp: 896981

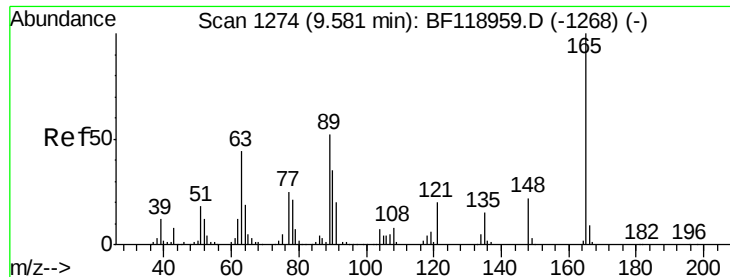
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.2 8.4 12.6

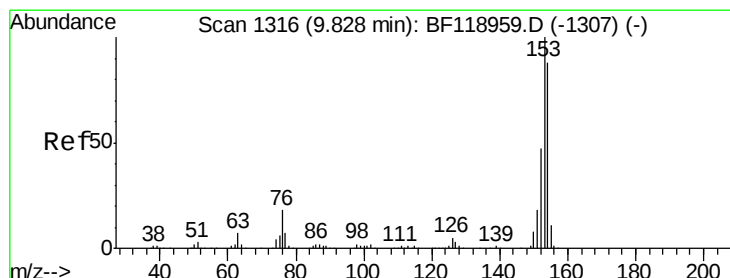
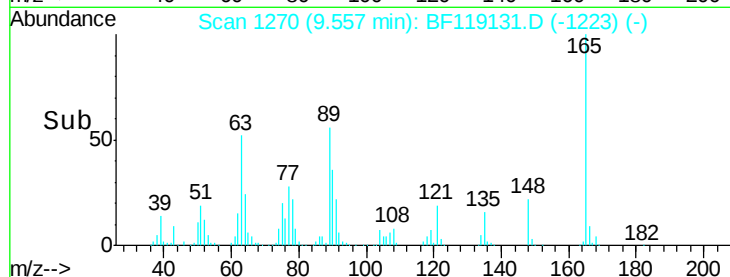
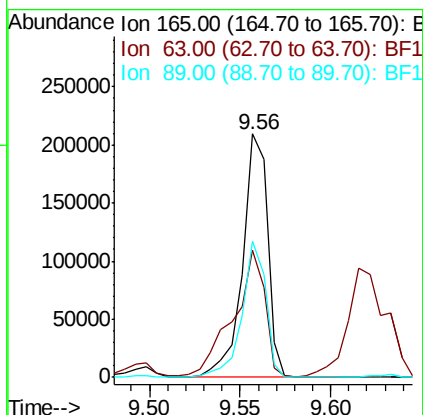
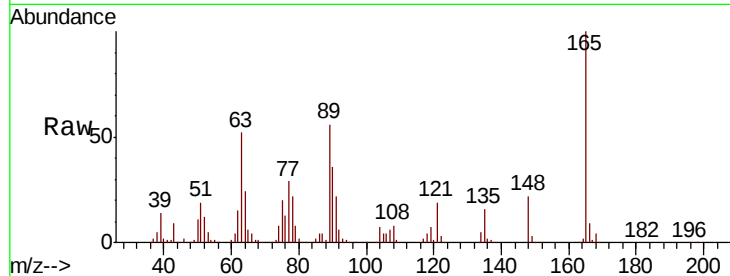




#51
 2,6-Dinitrotoluene
 Concen: 38.248 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

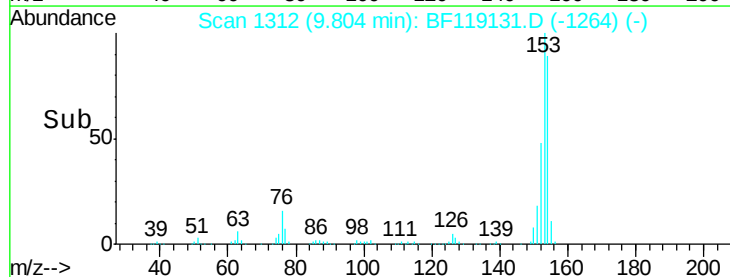
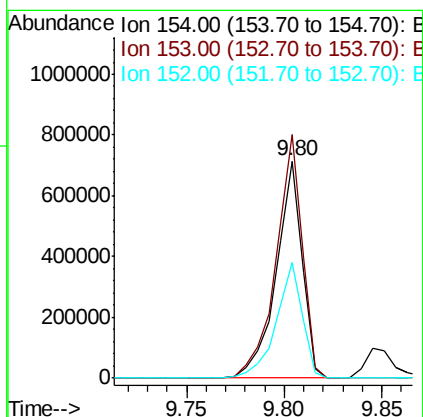
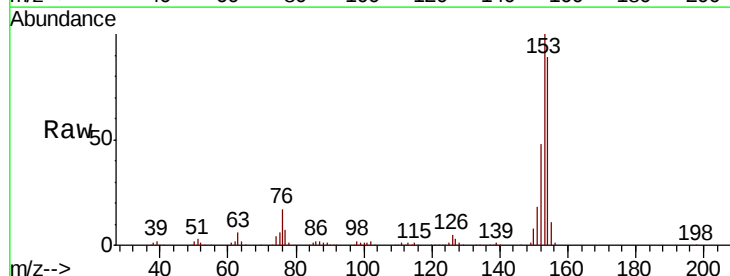
Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

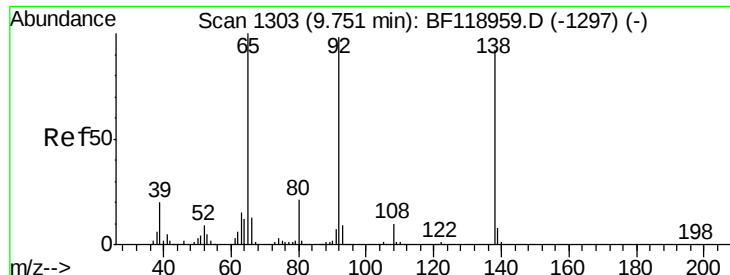
Tot Ion:165 Resp: 200714
 Ion Ratio Lower Upper
 165 100
 63 52.1 34.3 51.5#
 89 55.8 38.3 57.5



#52
 Acenaphthene
 Concen: 37.622 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:154 Resp: 659136
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.3 135.5
 152 53.5 43.8 65.8

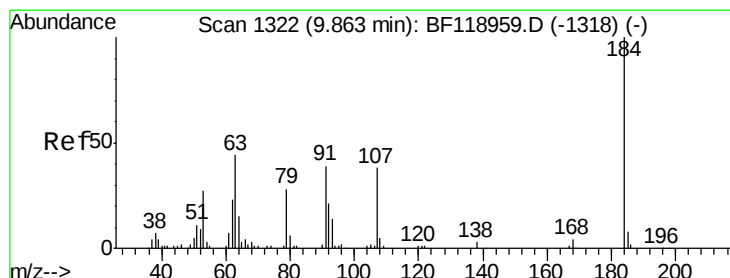
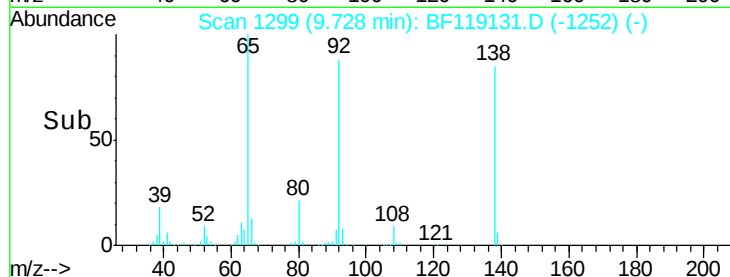
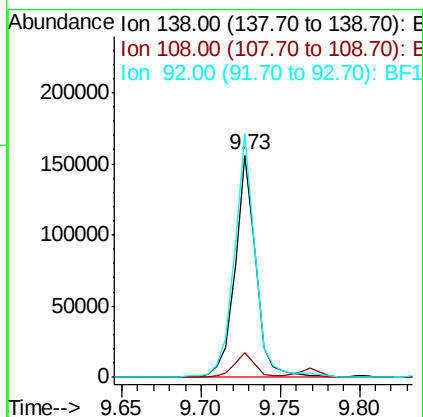
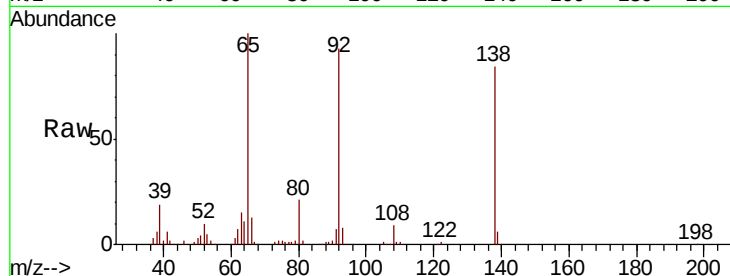




#53
3-Nitroaniline
Concen: 24.564 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

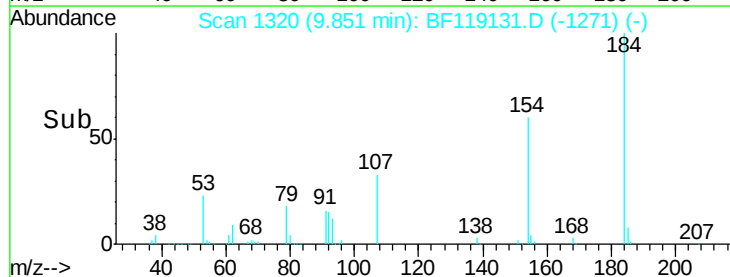
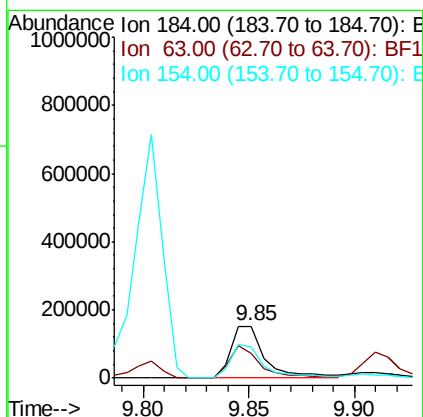
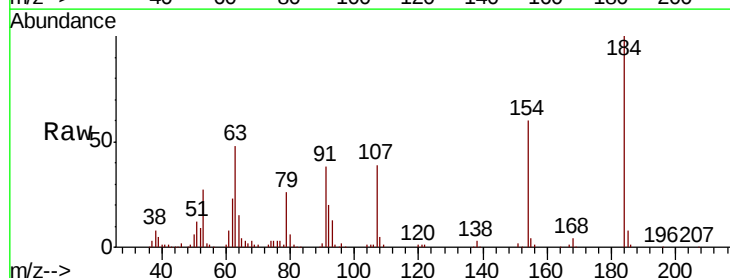
Instrument :
BNA_F
ClientSampleId :
PB127140BS

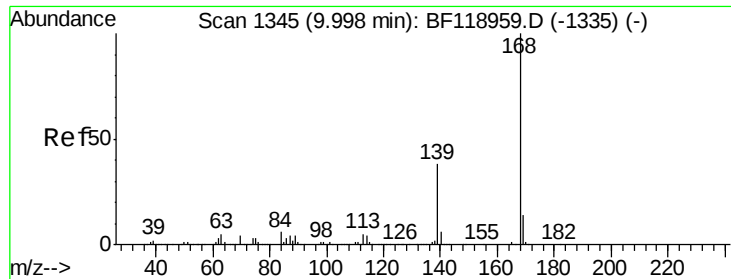
Tot Ion:138 Resp: 142903
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 109.7 84.8 127.2



#54
2,4-Dinitrophenol
Concen: 69.111 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:184 Resp: 173402
Ion Ratio Lower Upper
184 100
63 47.5 38.7 58.1
154 60.2 49.7 74.5

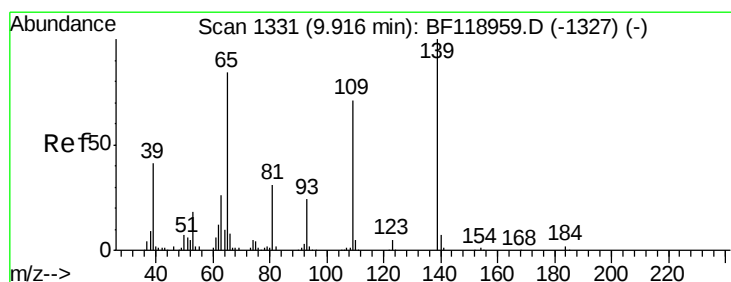
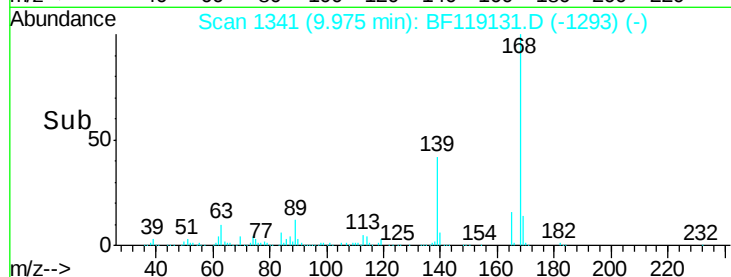
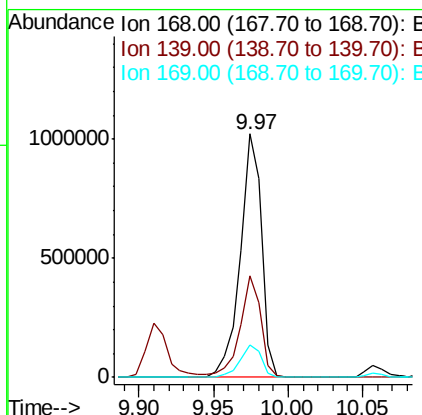
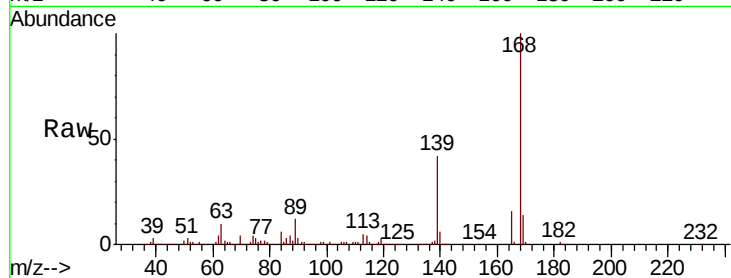




#55
Dibenzofuran
Concen: 38.797 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

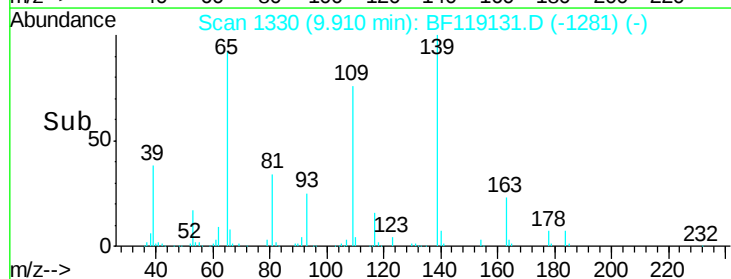
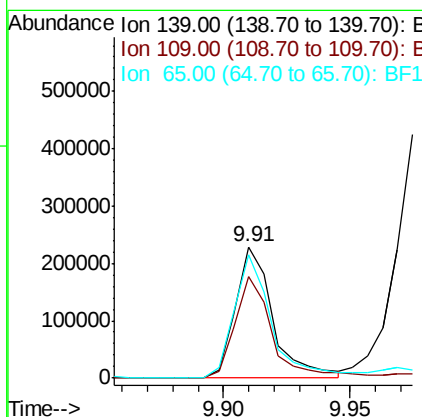
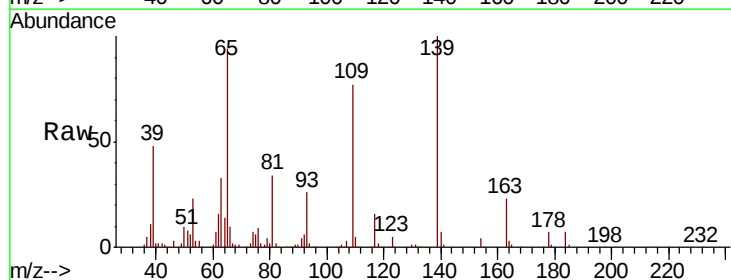
Instrument :
BNA_F
ClientSampleId :
PB127140BS

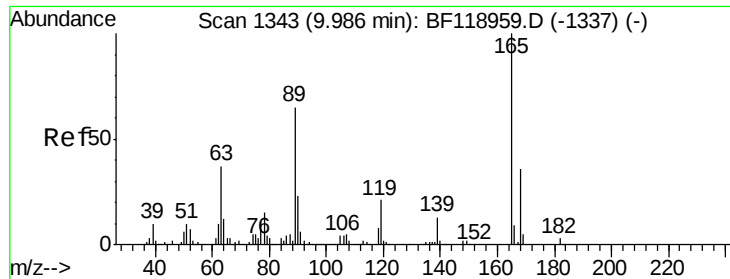
Tot Ion:168 Resp: 1014544
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 67.185 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:139 Resp: 234835
Ion Ratio Lower Upper
139 100
109 77.0 56.7 96.7
65 93.6 65.0 105.0

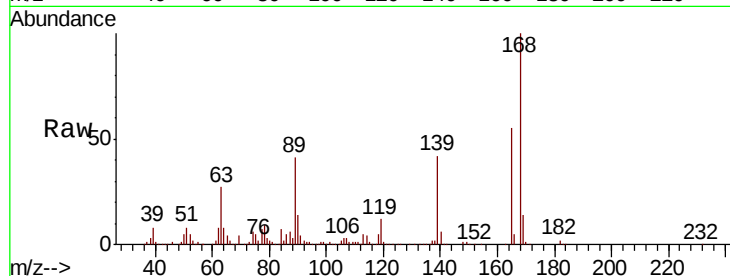




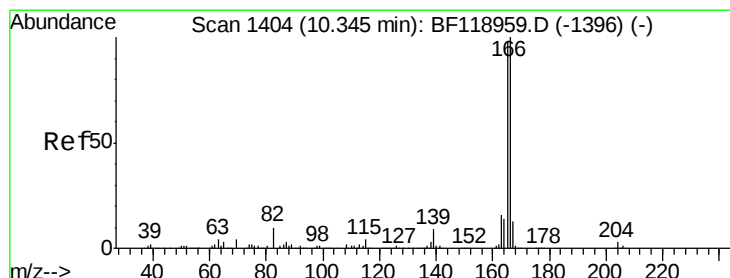
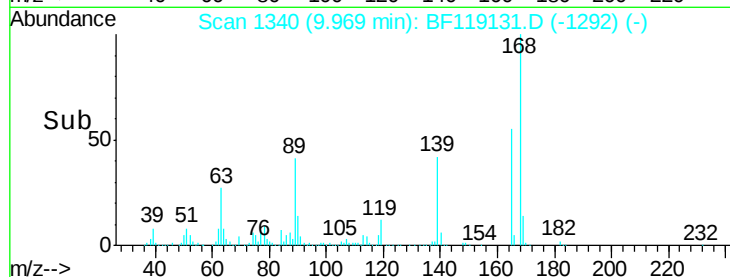
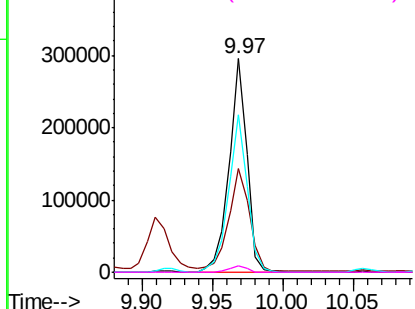
#57
 2,4-Dinitrotoluene
 Concen: 38.232 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

Tot Ion:165 Resp: 260053
 Ion Ratio Lower Upper
 165 100
 63 48.7 42.3 63.5
 89 73.8 60.2 90.4
 182 3.2 2.3 3.5

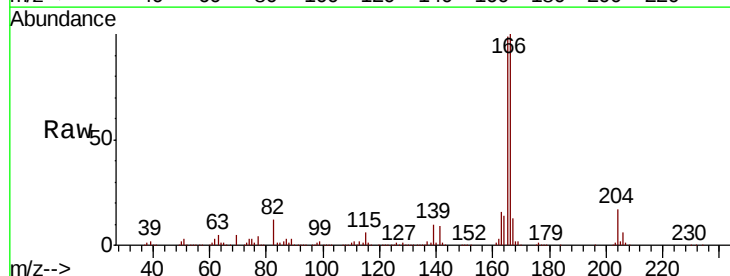


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

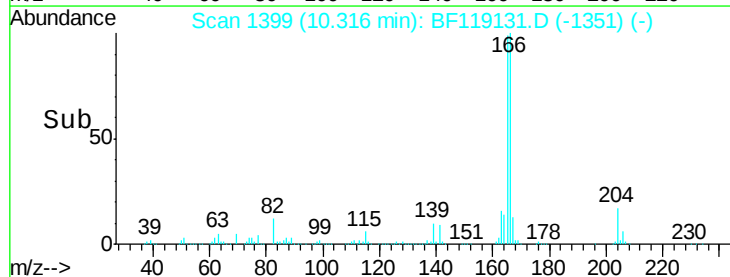
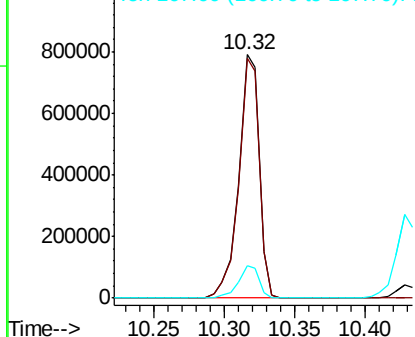


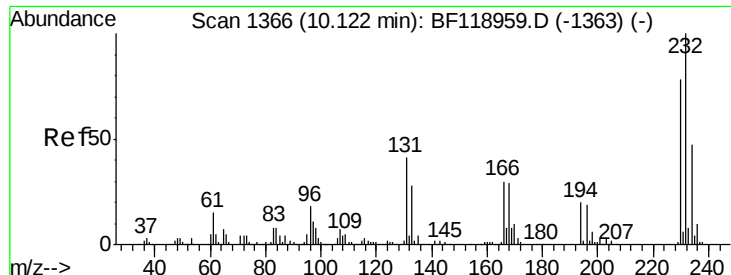
#58
 Fluorene
 Concen: 39.329 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:166 Resp: 799184
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.5 117.7
 167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

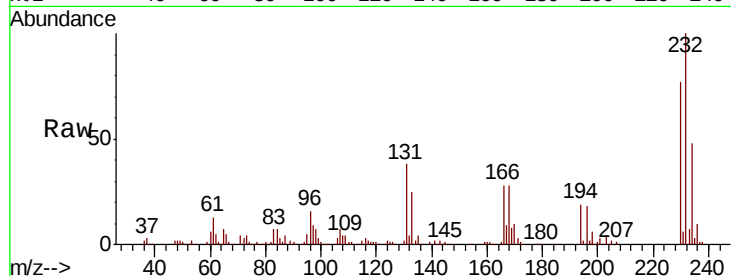




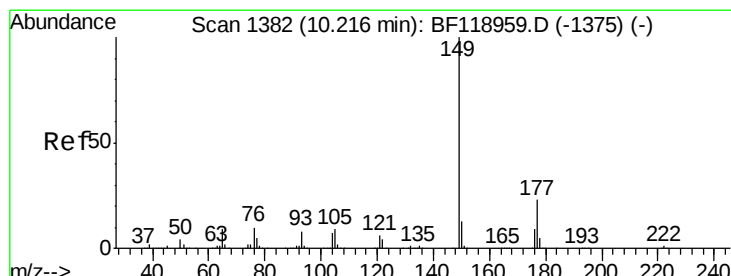
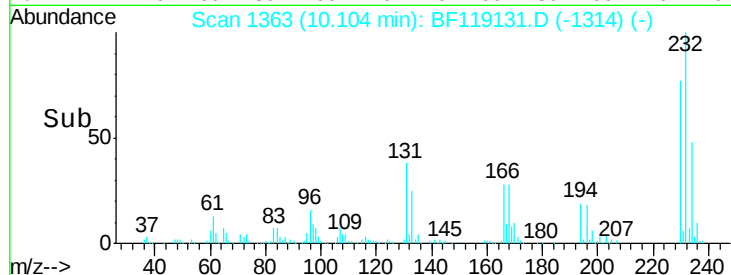
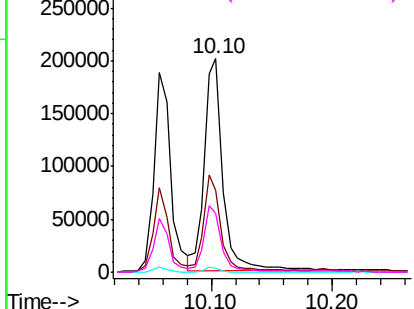
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.734 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion:232 Resp: 213910
Ion Ratio Lower Upper
232 100
131 41.7 33.8 50.8
130 2.3 1.8 2.6
166 28.9 23.0 34.4

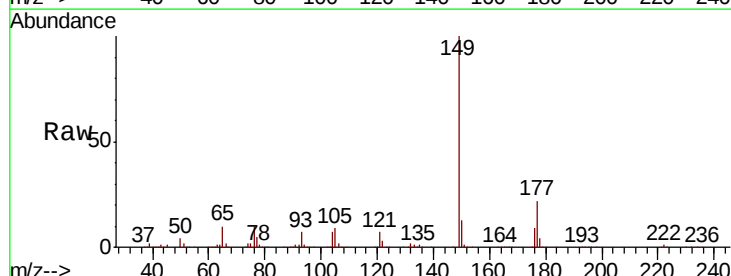


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

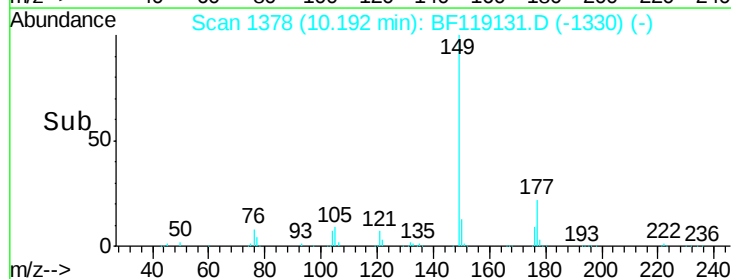
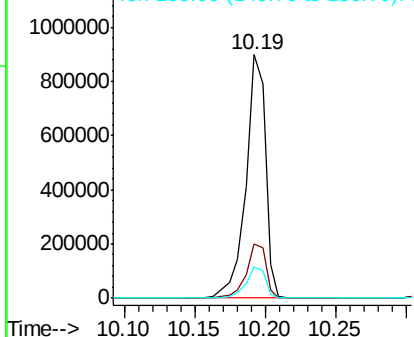


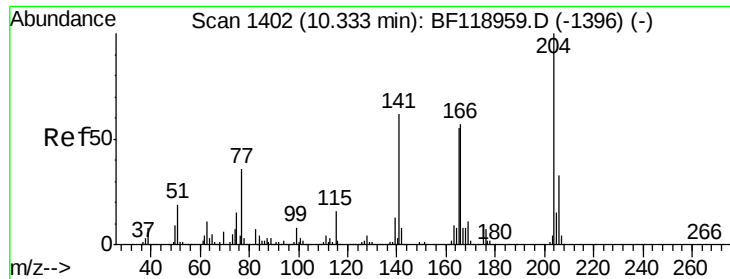
#60
Diethylphthalate
Concen: 39.210 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:149 Resp: 872777
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.9 10.5 15.7



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

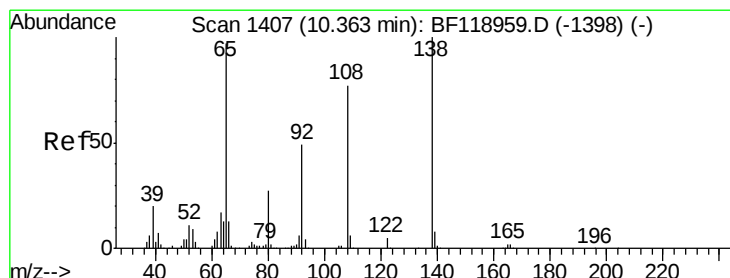
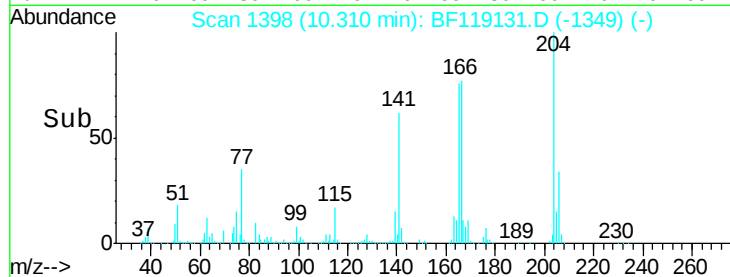
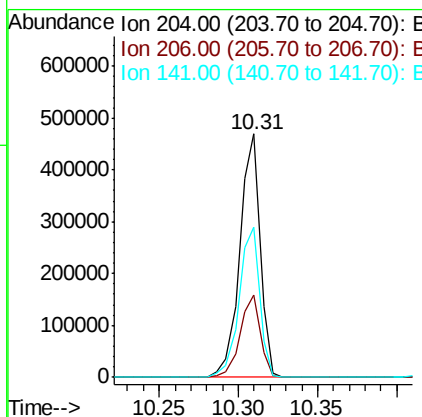
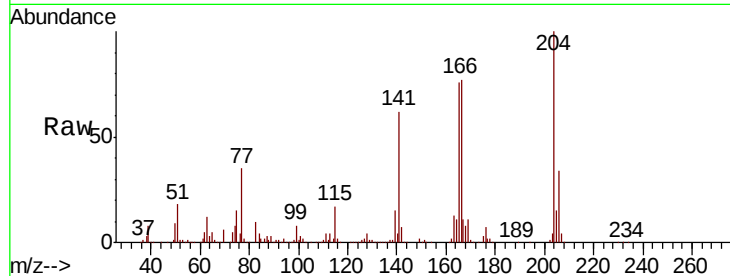




#61
 4-Chlorophenyl-phenylether
 Concen: 38.865 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

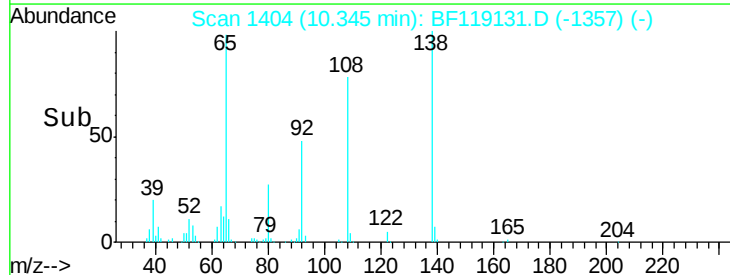
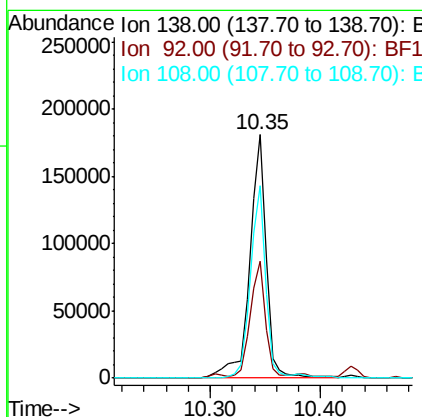
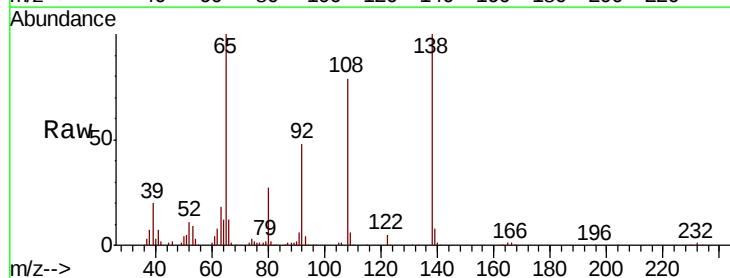
Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

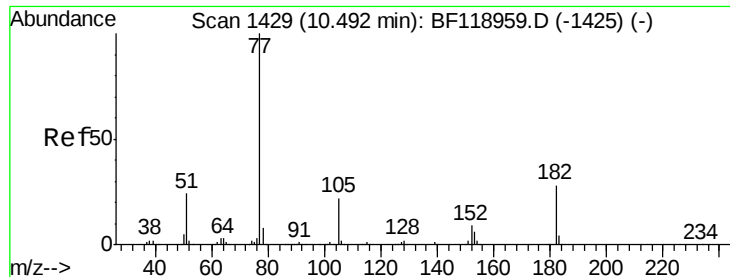
Tot Ion:	204	Resp:	418027
Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	61.5	52.9	79.3



#62
 4-Nitroaniline
 Concen: 32.277 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:	138	Resp:	192118
Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.3	67.3
108	79.3	57.0	97.0





#63

Azobenzene

Concen: 39.915 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

Tot Ion: 77 Resp: 772271

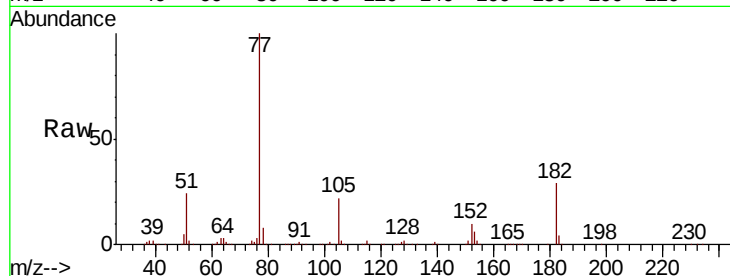
Ion Ratio Lower Upper

77 100

182 28.9 11.4 51.4

105 22.2 3.4 43.4

51 24.2 5.1 45.1

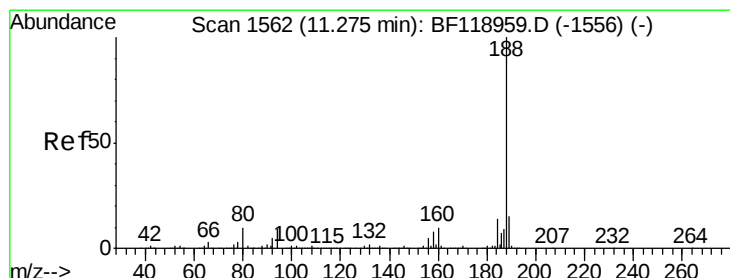
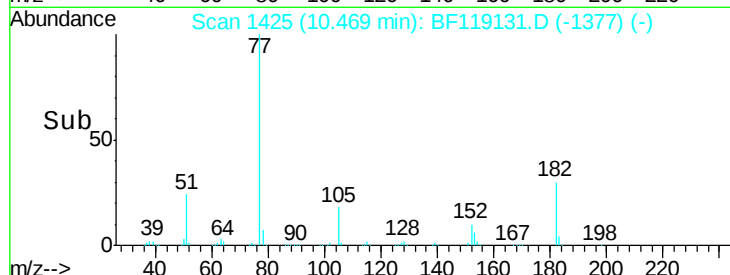
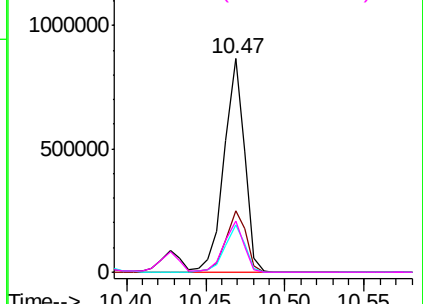


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

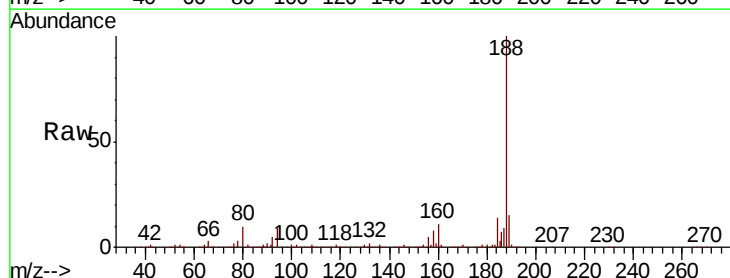
Tgt Ion: 188 Resp: 579056

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

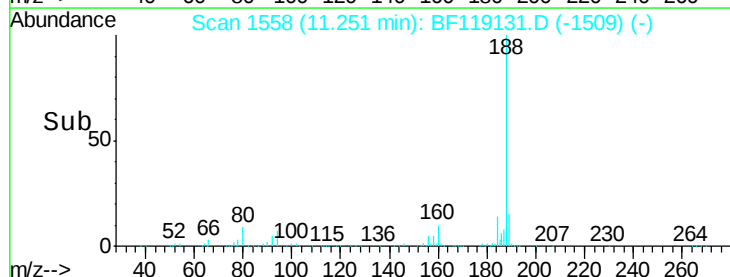
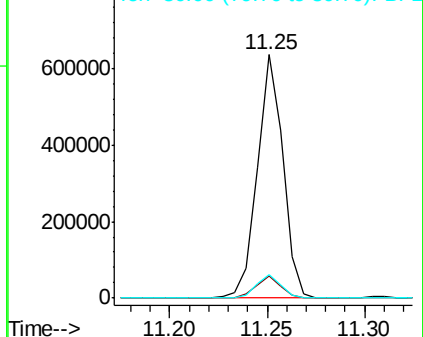
80 9.6 7.8 11.8

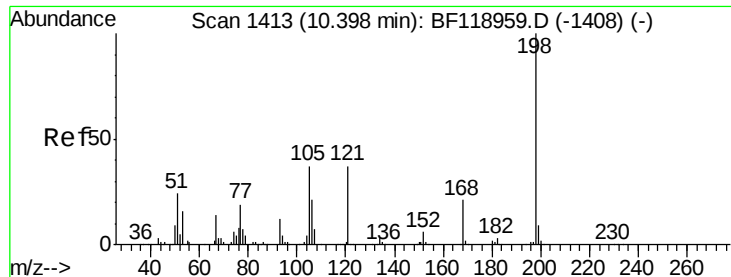


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.240 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

PB127140BS

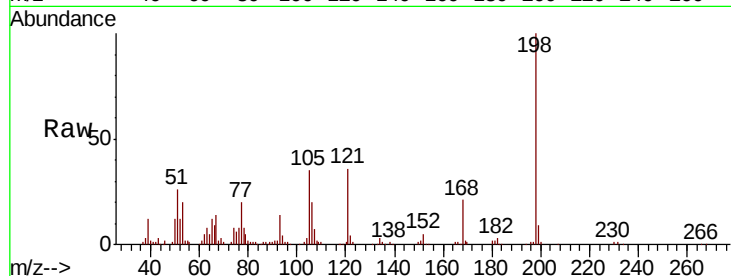
Tot Ion:198 Resp: 144501

Ion Ratio Lower Upper

198 100

51 25.9 14.2 54.2

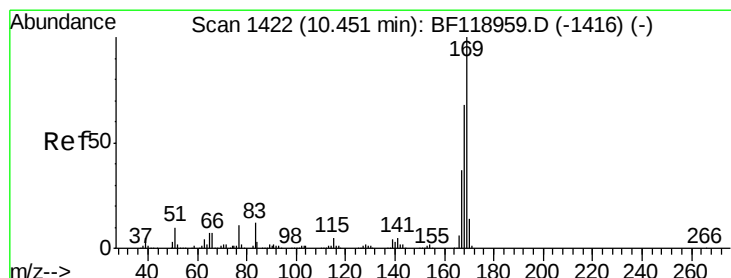
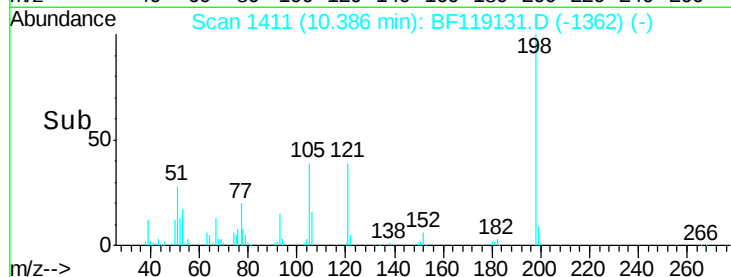
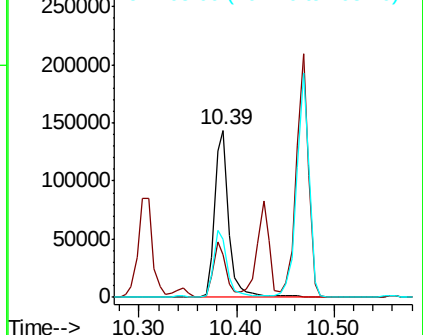
105 35.2 22.7 62.7



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: 38.492 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

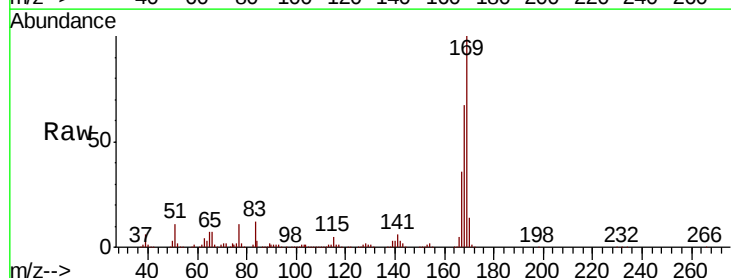
Tgt Ion:169 Resp: 729831

Ion Ratio Lower Upper

169 100

168 67.0 54.1 81.1

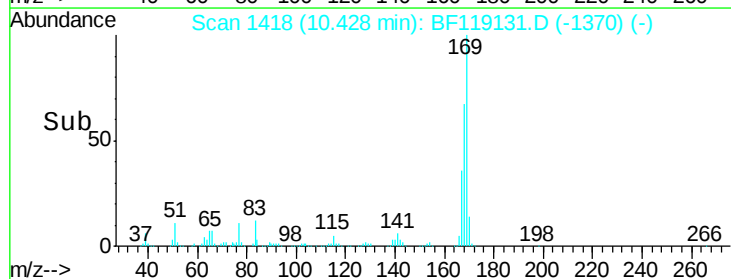
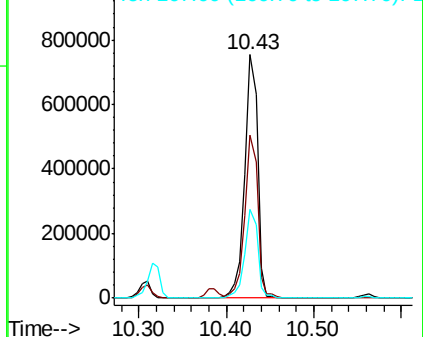
167 36.3 29.4 44.0

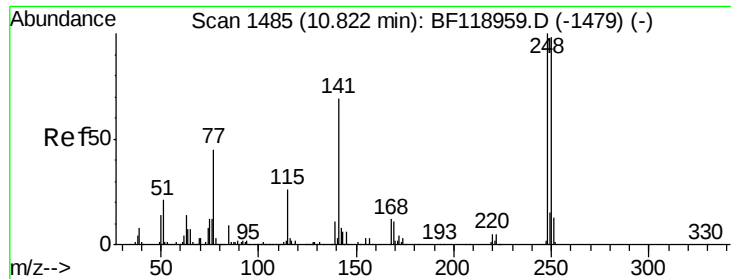


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

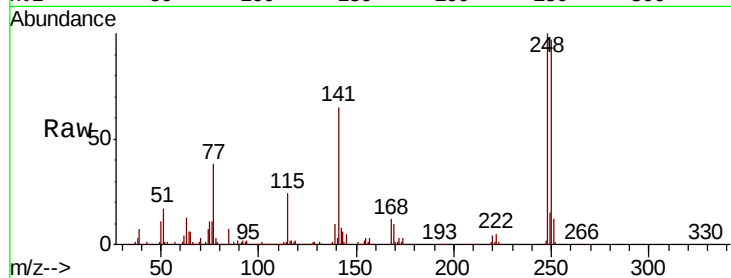




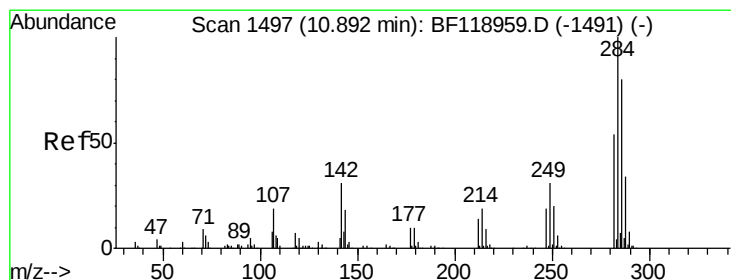
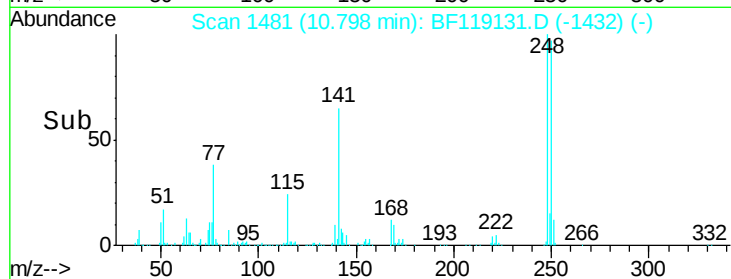
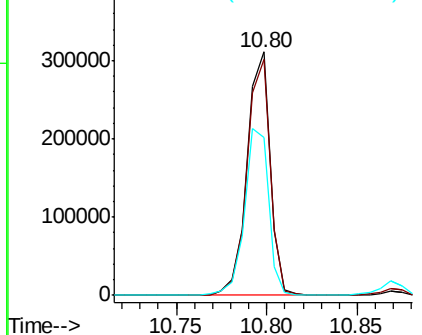
#67
4-Bromophenyl-phenylether
Concen: 36.468 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	65.0	60.7	91.1

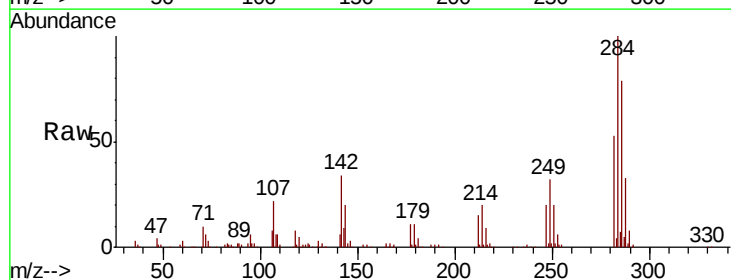


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

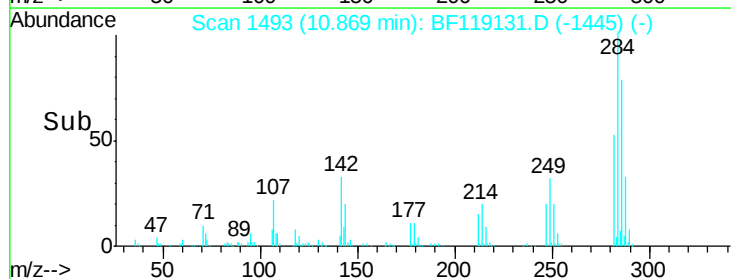
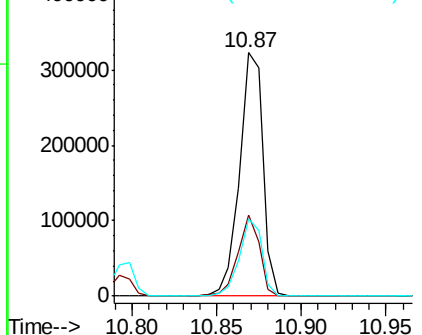


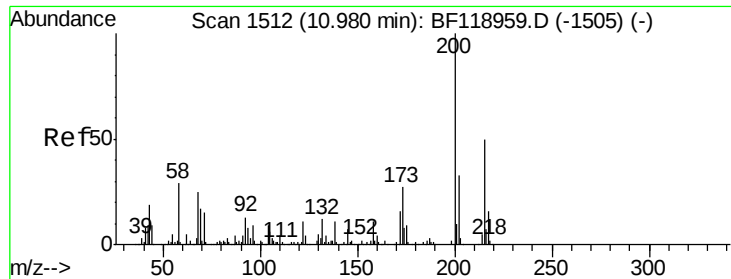
#68
Hexachlorobenzene
Concen: 35.818 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	23.7	35.5
249	31.9	25.0	37.6



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

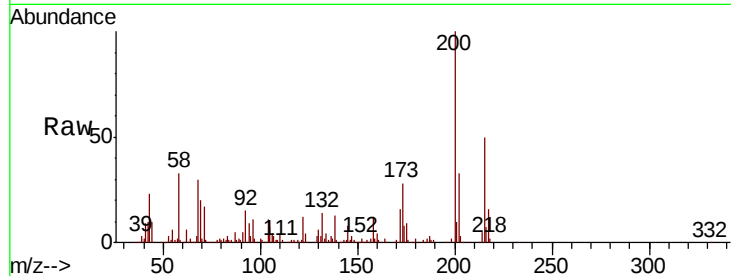




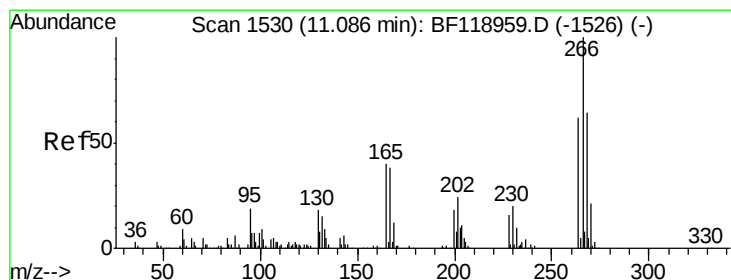
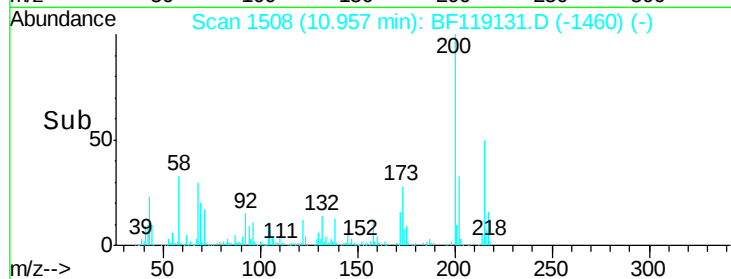
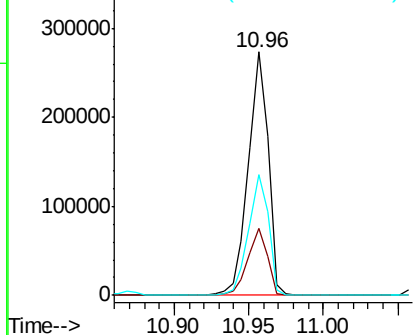
#69
Atrazine
Concen: 38.059 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127140BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.4	46.4
215	49.8	27.4	67.4

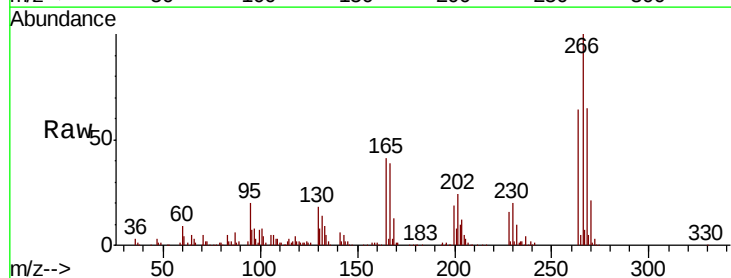


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

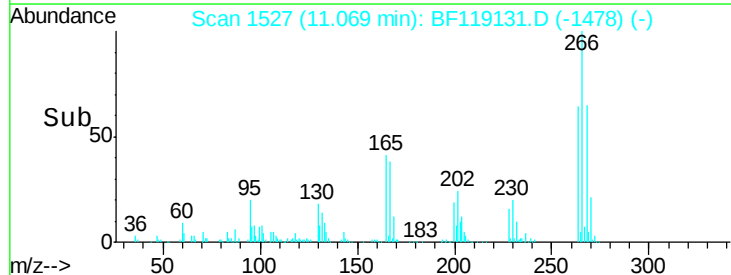
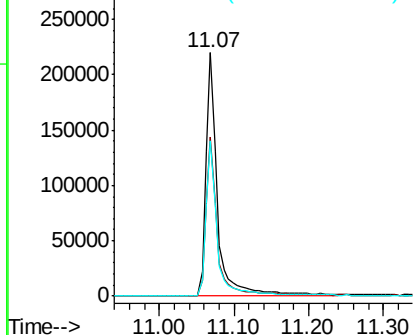


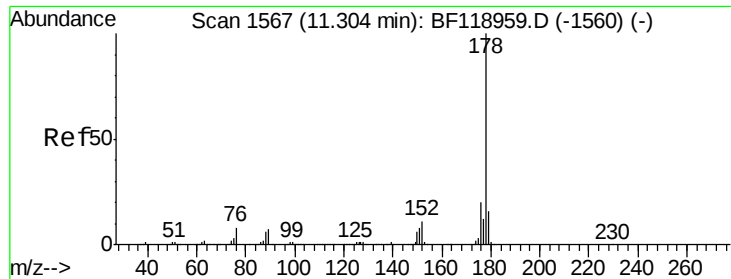
#70
Pentachlorophenol
Concen: 69.251 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.9	77.9
264	63.6	51.0	76.4



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

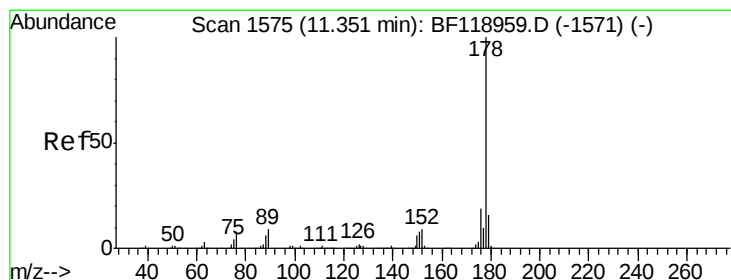
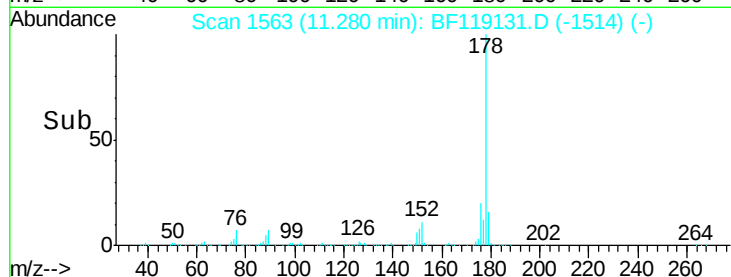
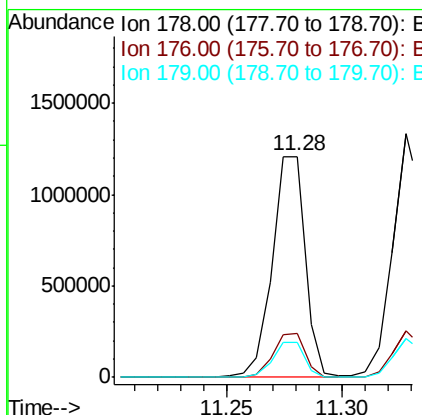
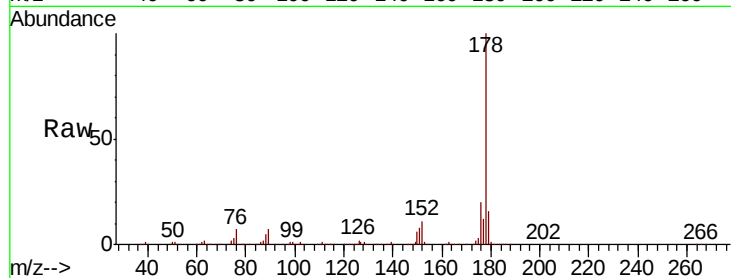




#71
Phenanthrene
Concen: 37.806 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

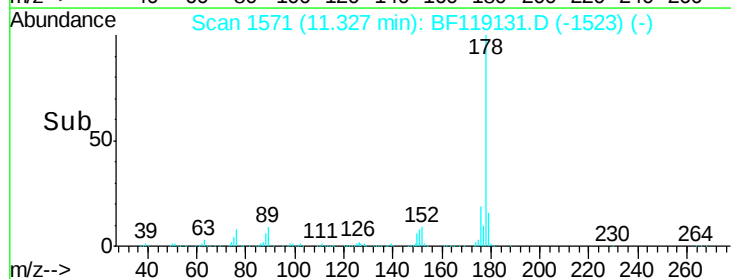
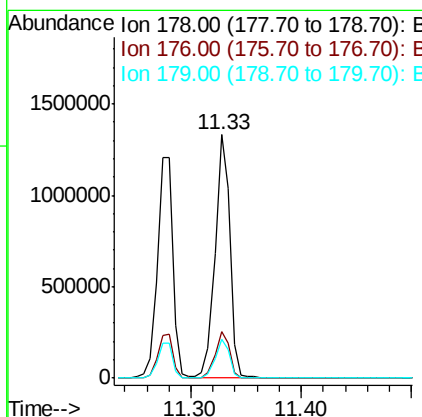
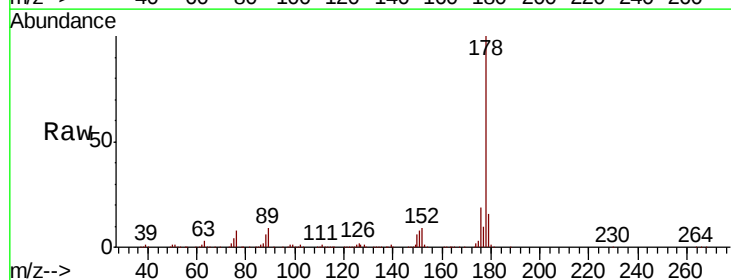
Instrument :
BNA_F
ClientSampleId :
PB127140BS

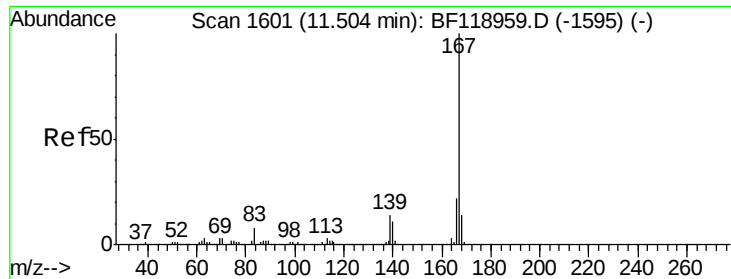
Tot Ion:178 Resp: 1193865
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.6 13.0 19.6



#72
Anthracene
Concen: 39.006 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:178 Resp: 1230736
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.8 13.1 19.7





#73

Carbazole

Concen: 37.242 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

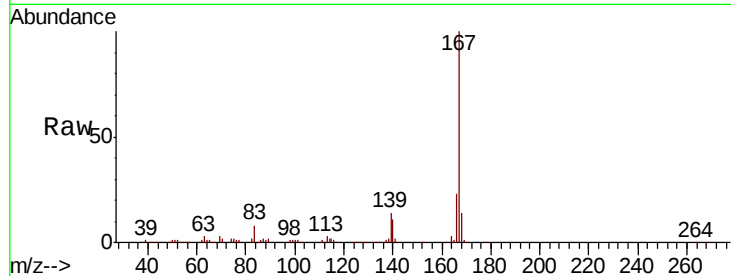
Tot Ion:167 Resp: 1046854

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.4

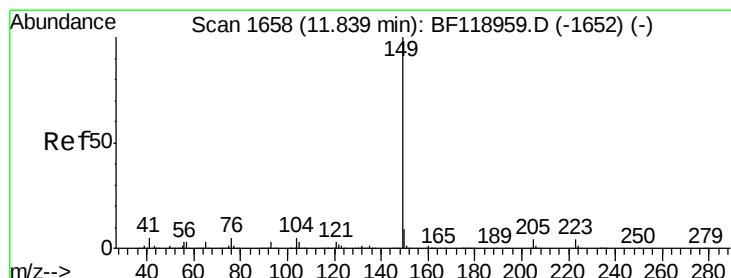
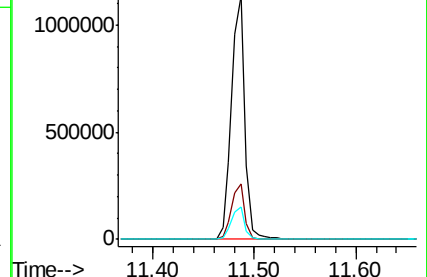
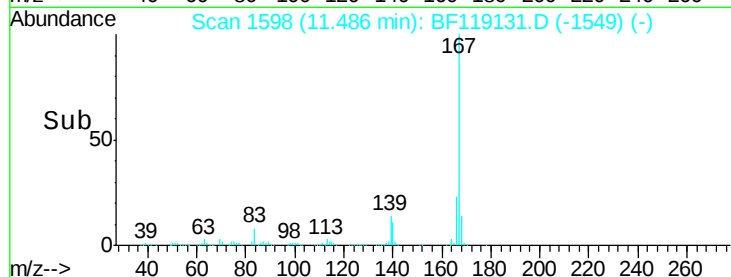
139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.604 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

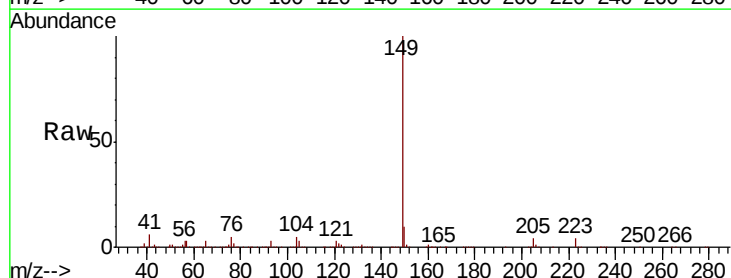
Tgt Ion:149 Resp: 1348158

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

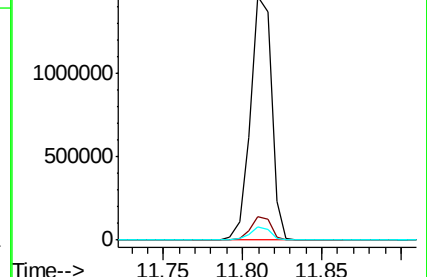
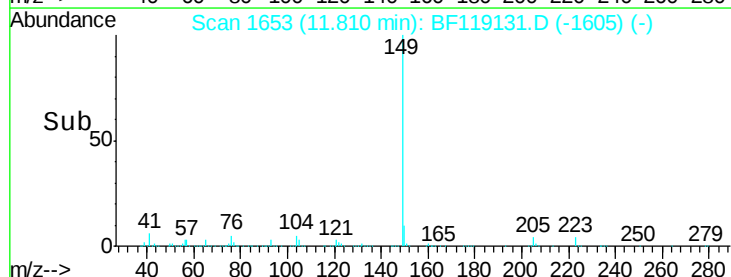
104 5.4 4.6 6.8

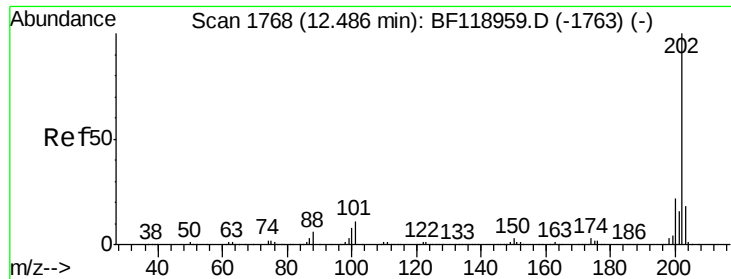


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

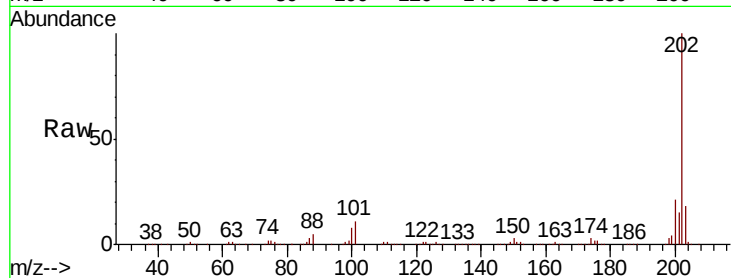




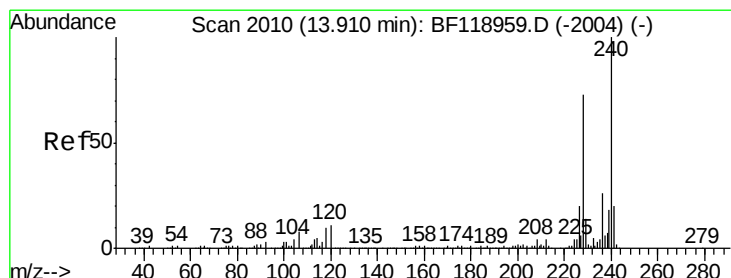
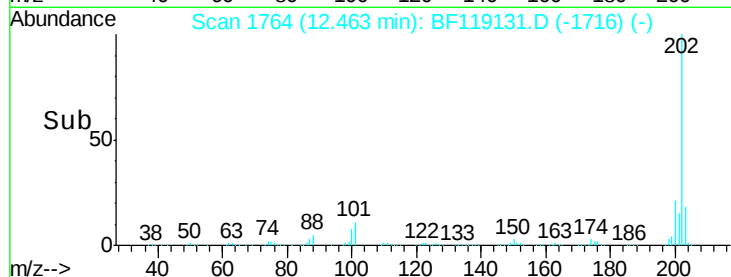
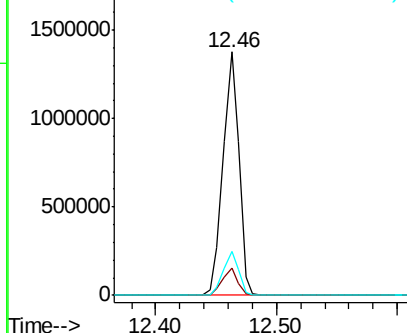
#75
 Fluoranthene
 Concen: 37.496 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BS

Tot Ion:202 Resp: 1256868
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.3
 203 17.8 0.0 38.4

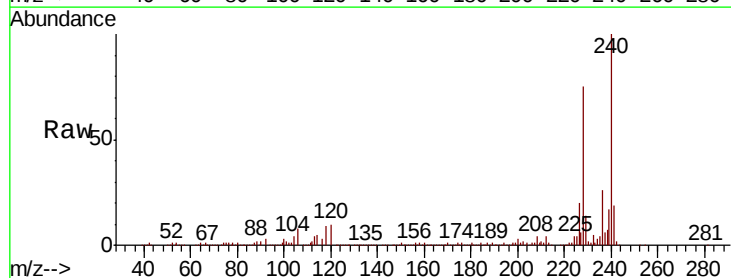


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

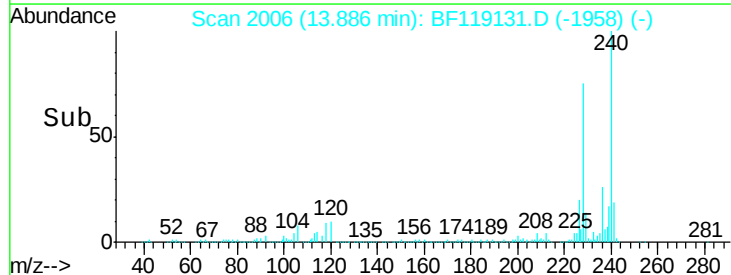
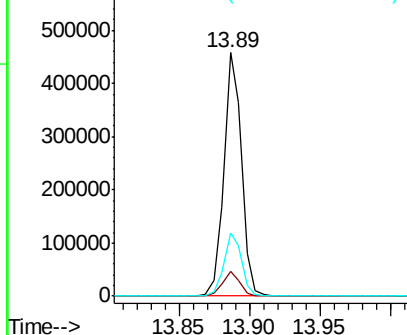


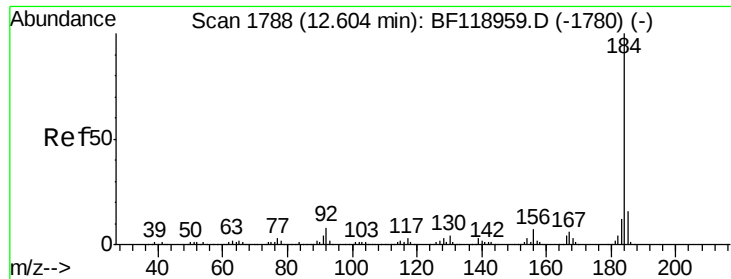
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119131.D
 Acq: 28 Feb 2020 14:49

Tgt Ion:240 Resp: 395925
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 25.7 21.0 31.4



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

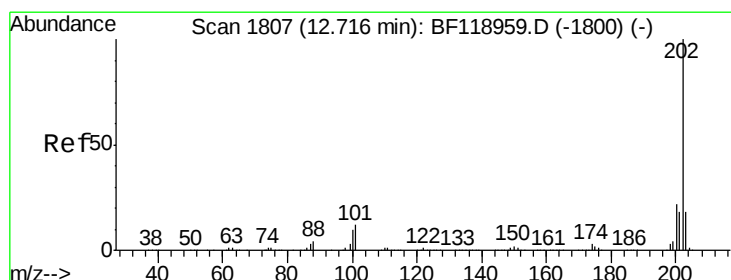
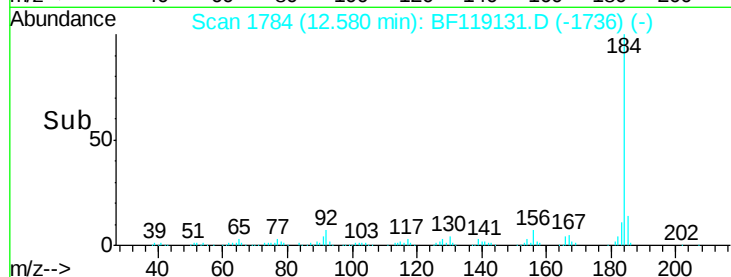
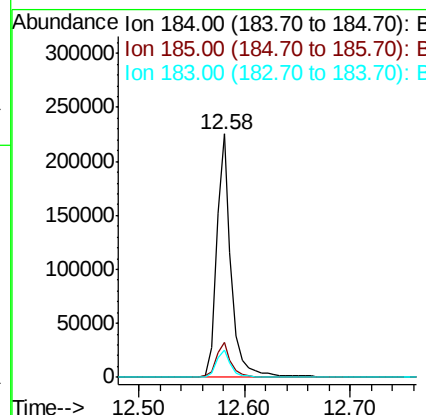
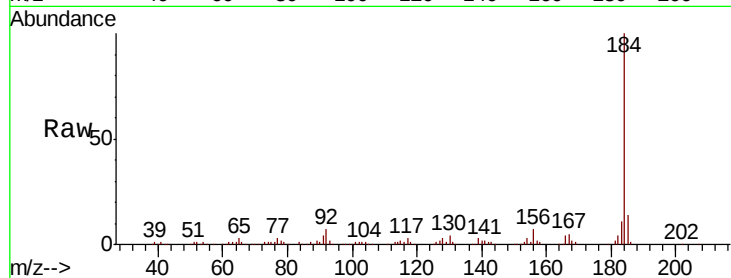




#77
Benzidine
Concen: 13.484 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

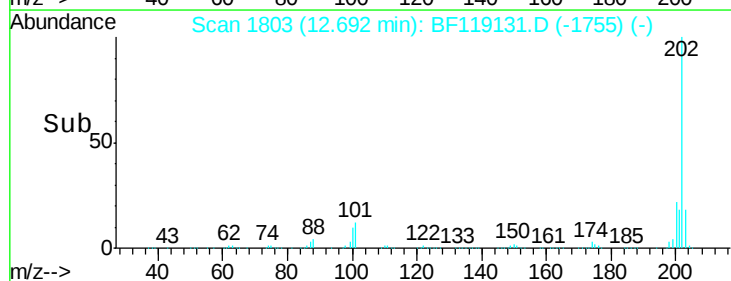
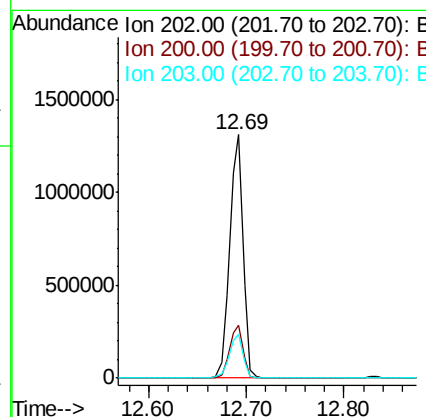
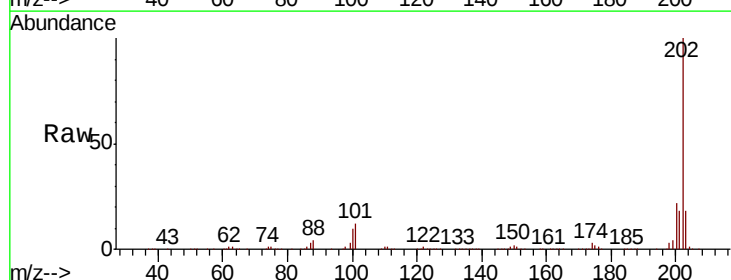
Instrument :
BNA_F
ClientSampleId :
PB127140BS

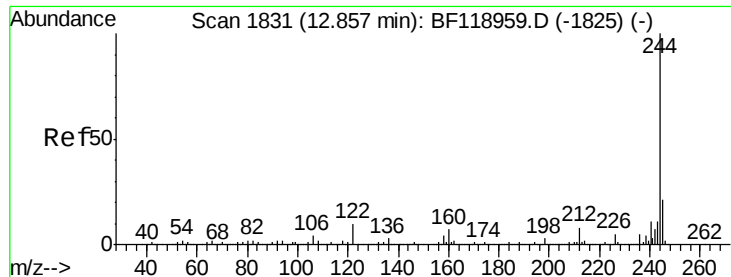
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	11.4	9.9	14.9



#78
Pyrene
Concen: 39.090 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 71.428 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

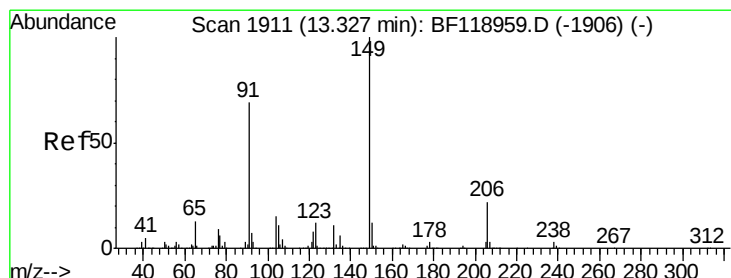
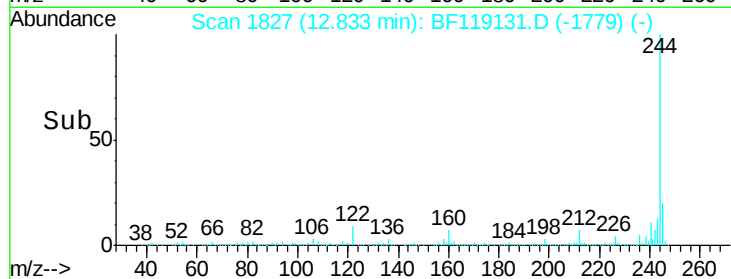
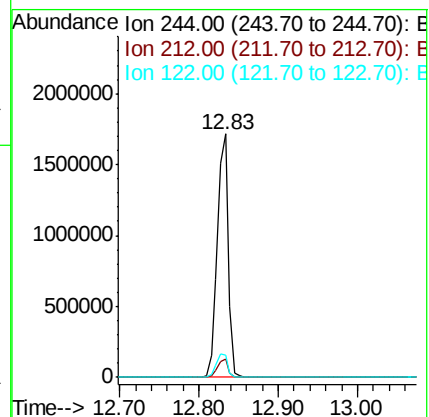
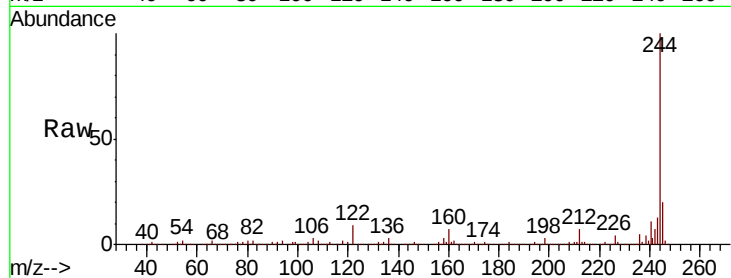
Tot Ion:244 Resp: 1642597

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

122 9.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.285 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

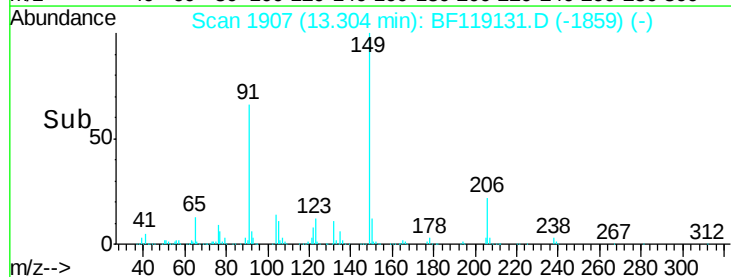
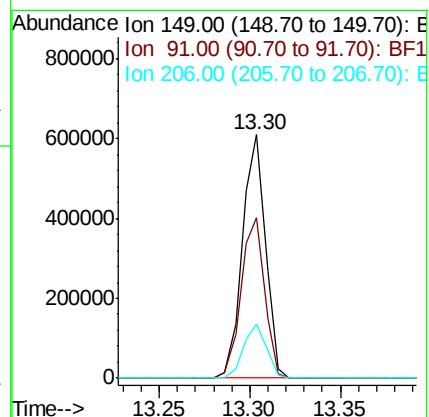
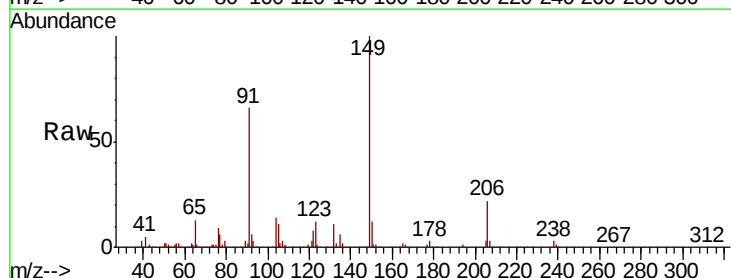
Tgt Ion:149 Resp: 539030

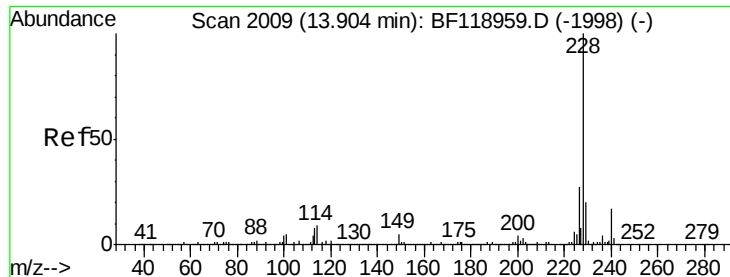
Ion Ratio Lower Upper

149 100

91 65.7 52.3 78.5

206 22.5 18.5 27.7





#81

Benzo(a)anthracene

Concen: 38.198 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

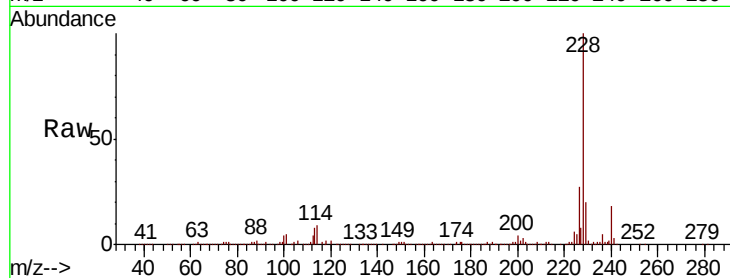
Tot Ion:228 Resp: 1030465

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

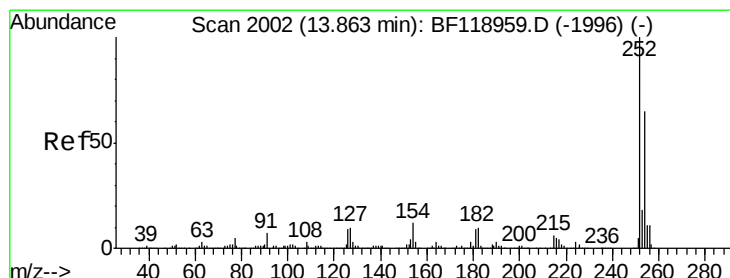
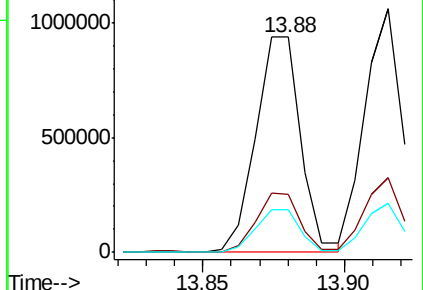
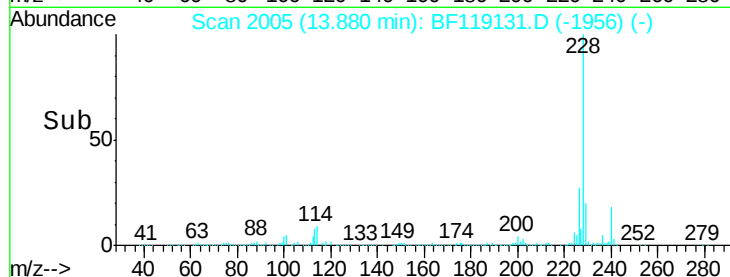
229 19.7 16.6 24.8



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: 27.744 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

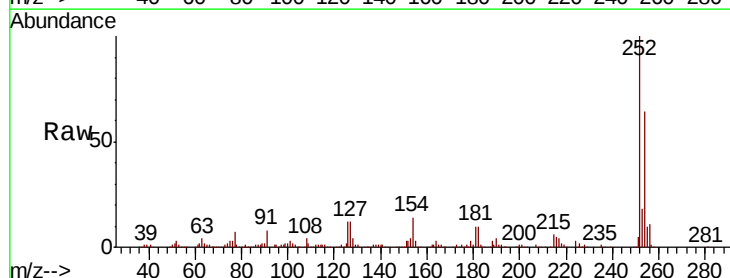
Tgt Ion:252 Resp: 290630

Ion Ratio Lower Upper

252 100

254 63.8 51.6 77.4

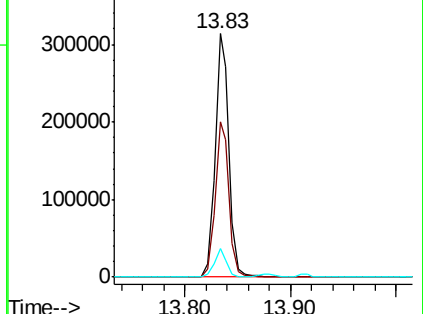
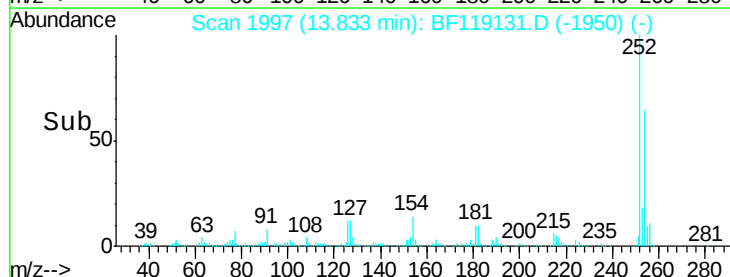
126 11.5 7.4 11.0#

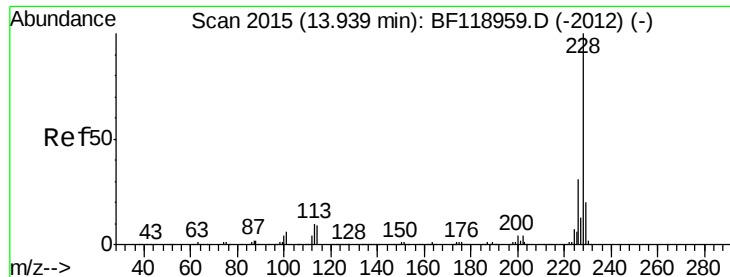


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.150 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

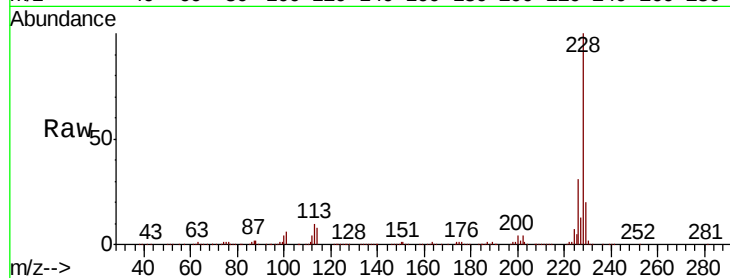
Tot Ion:228 Resp: 971733

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

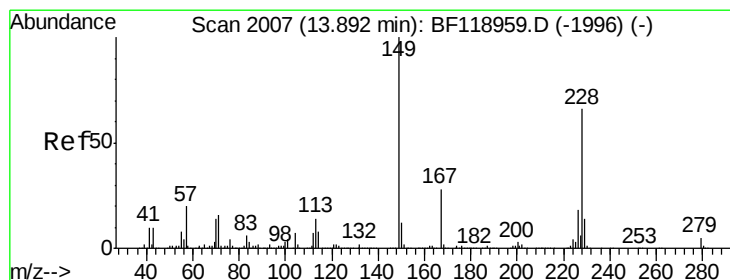
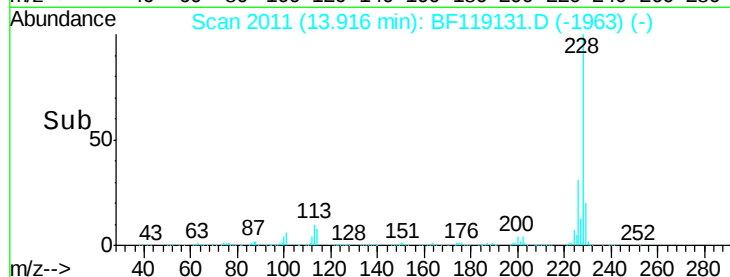
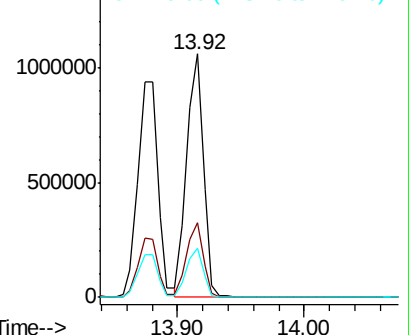
229 19.9 16.3 24.5



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: 43.899 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

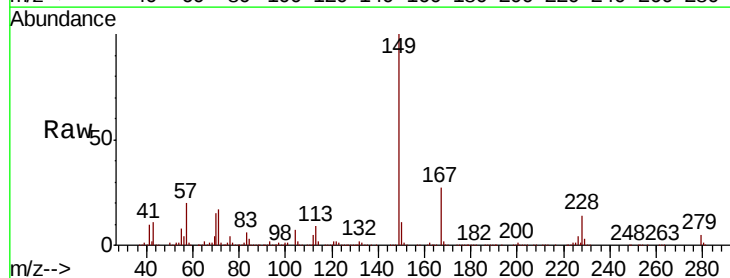
Tgt Ion:149 Resp: 742086

Ion Ratio Lower Upper

149 100

167 27.1 22.8 34.2

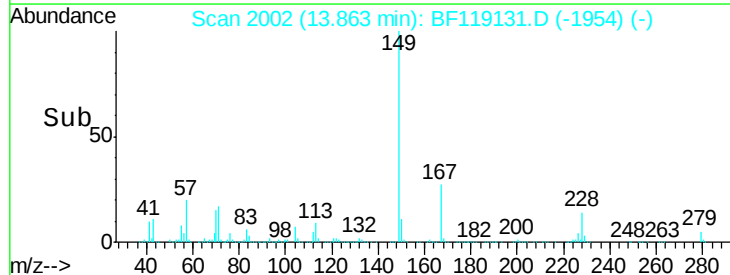
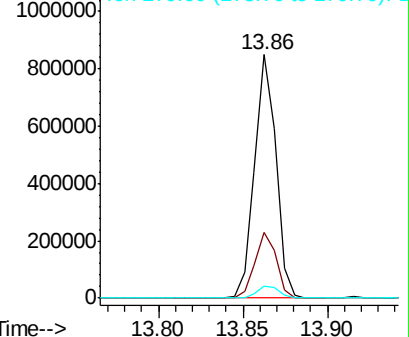
279 4.8 4.6 6.8

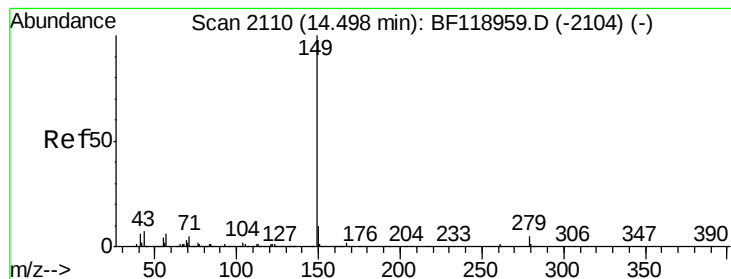


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.532 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

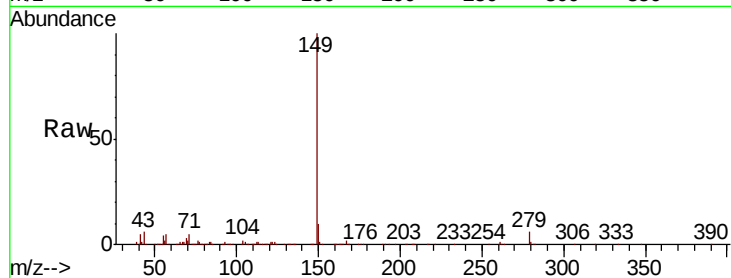
Tot Ion:149 Resp: 1118609

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

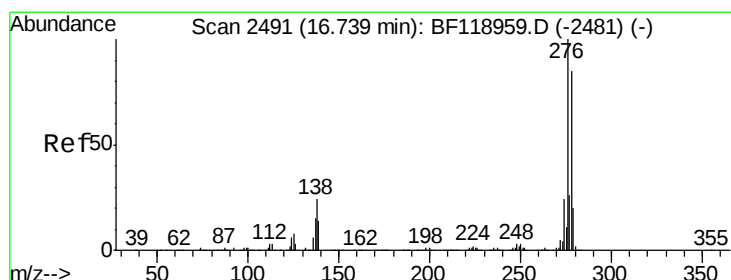
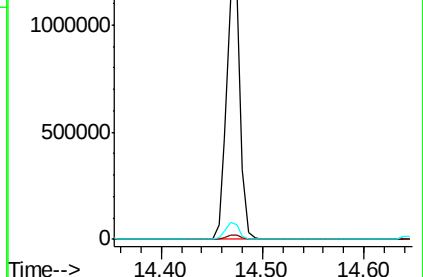
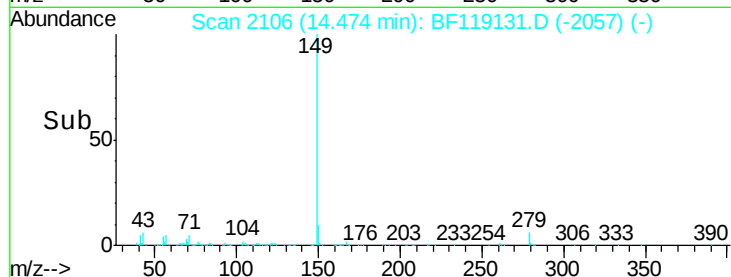
43 6.5 5.7 8.5



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: 31.748 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.03 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

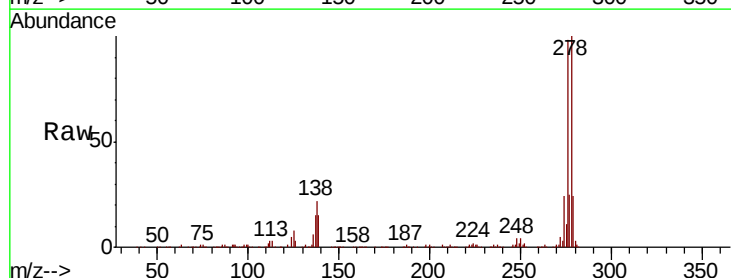
Tgt Ion:276 Resp: 826309

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

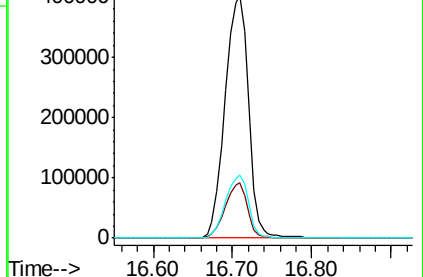
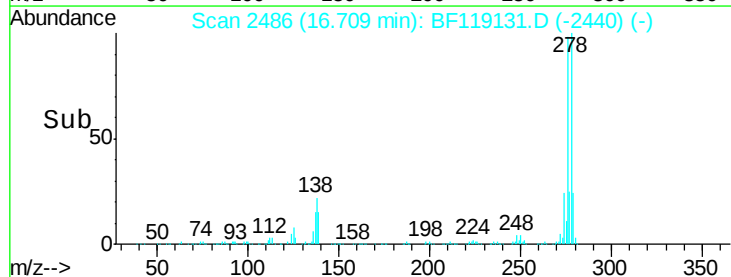
277 25.4 20.3 30.5

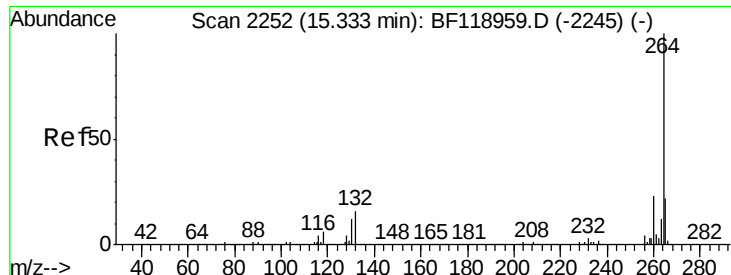


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampled :

PB127140BS

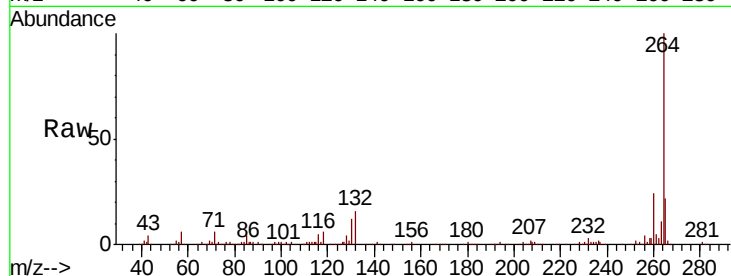
Tot Ion:264 Resp: 257576

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

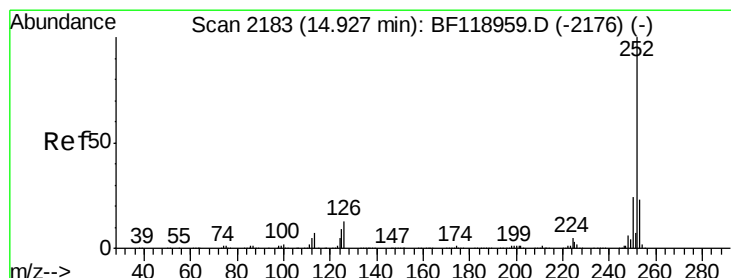
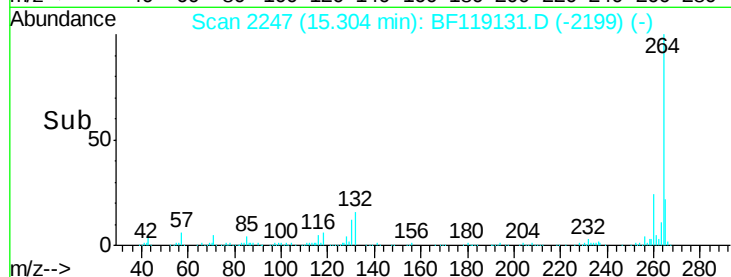
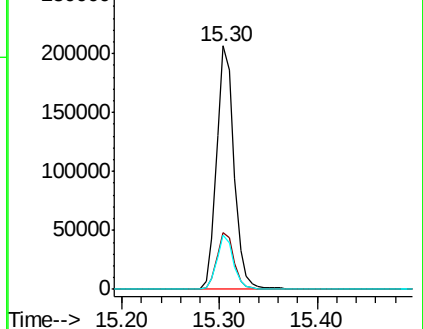
265 22.3 17.7 26.5



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: 49.134 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

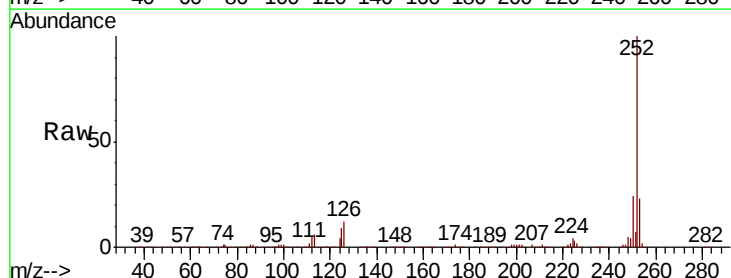
Tgt Ion:252 Resp: 834204

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

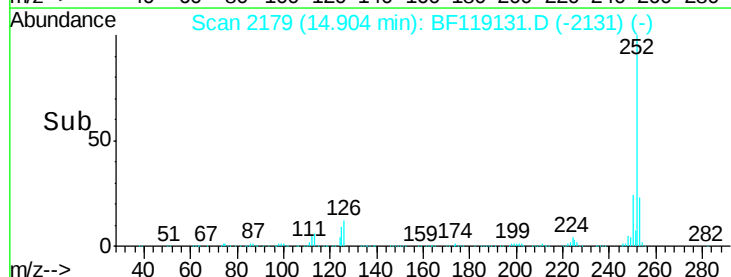
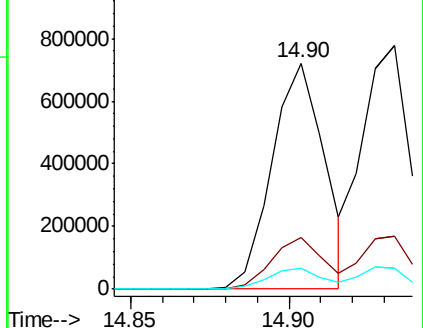
125 9.2 7.4 11.0

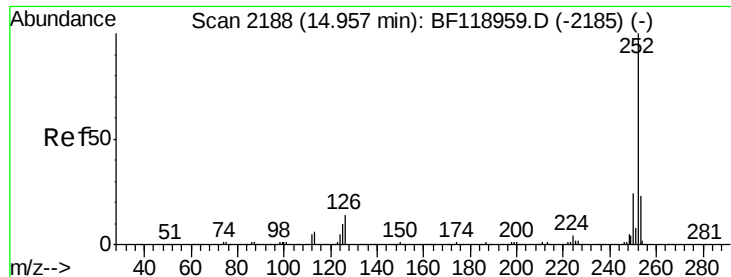


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

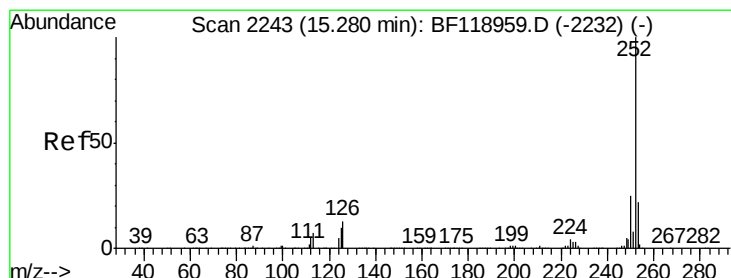
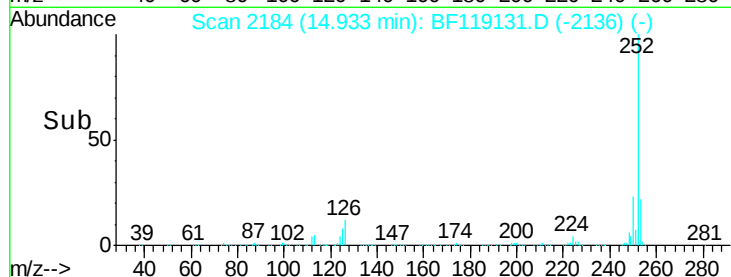
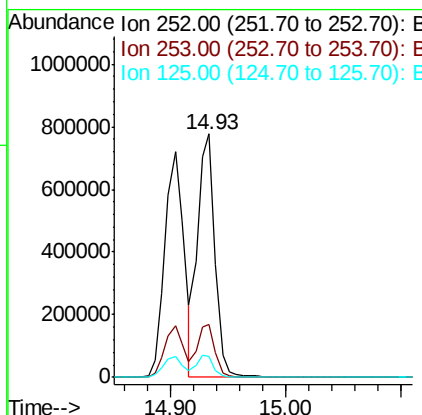
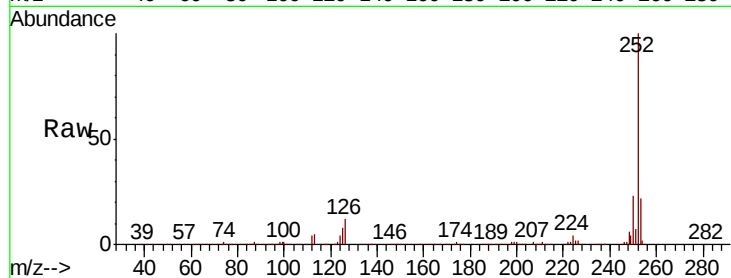




#89
Benzo(k)fluoranthene
Concen: 52.411 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

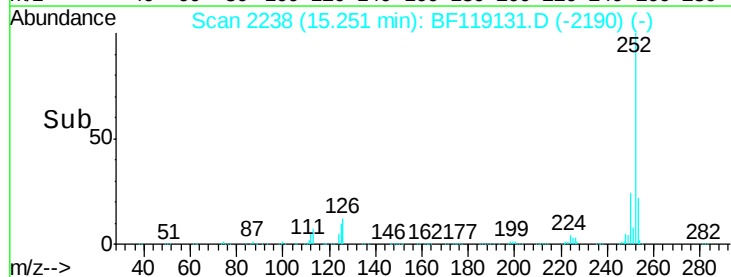
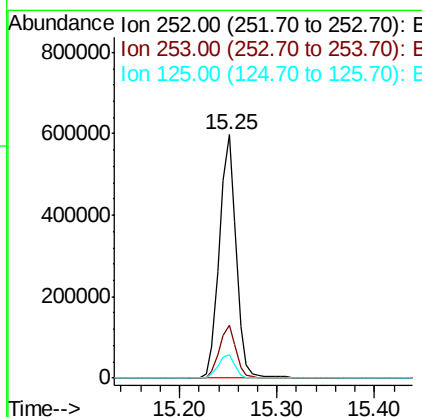
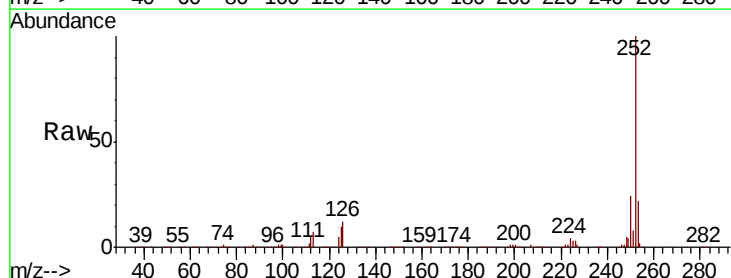
Instrument :
BNA_F
ClientSampleId :
PB127140BS

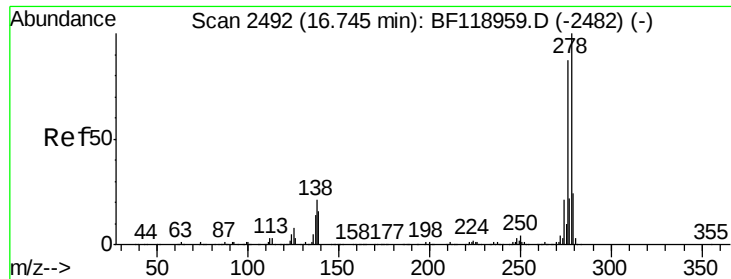
Tot Ion:252 Resp: 824624
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.636 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119131.D
Acq: 28 Feb 2020 14:49

Tgt Ion:252 Resp: 714608
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 51.670 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127140BS

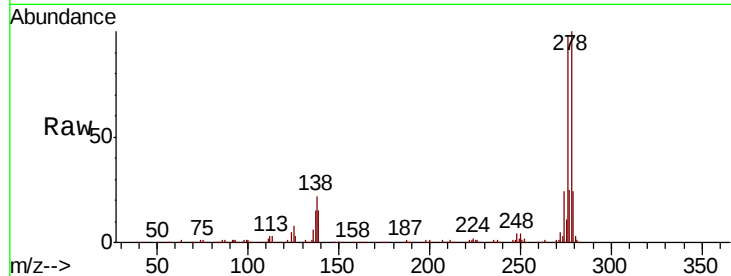
Tot Ion:278 Resp: 696637

Ion Ratio Lower Upper

278 100

139 14.9 11.0 16.4

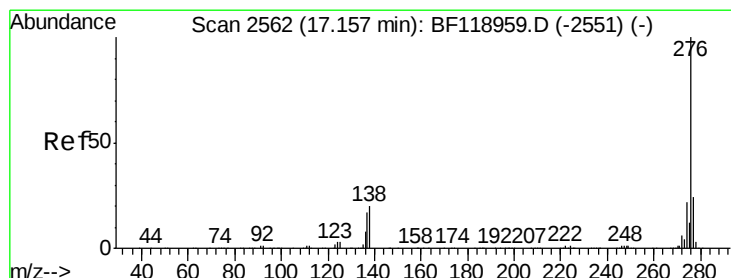
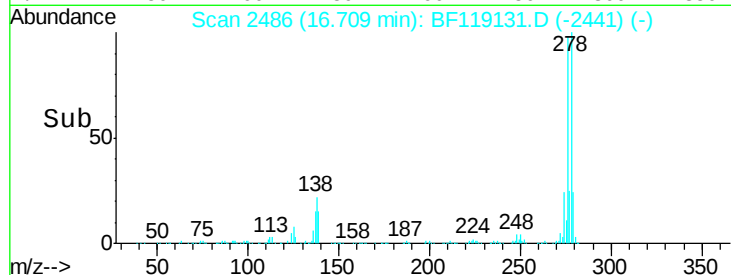
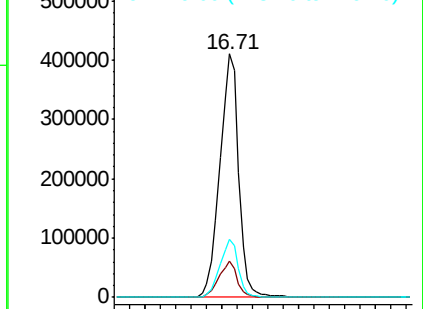
279 23.9 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.131 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.04 min

Lab File: BF119131.D

Acq: 28 Feb 2020 14:49

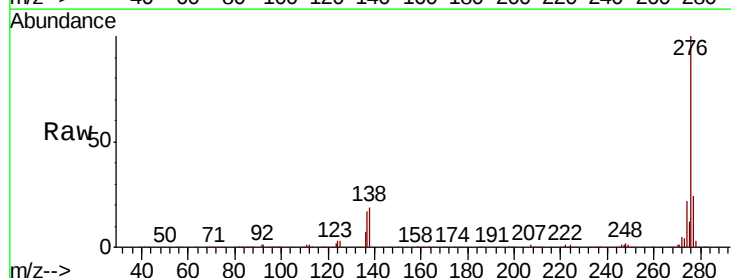
Tgt Ion:276 Resp: 707780

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 19.4 14.3 21.5



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

