

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119199.D
 Acq On : 4 Mar 2020 17:23
 Operator : CG/JU
 Sample : L1739-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:48:13 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	6.74	152	130830	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	500770	20.00	ng	-0.01
39) Acenaphthene-d10	9.78	164	266395	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	446320	20.00	ng	0.00
76) Chrysene-d12	13.90	240	241998	20.00	ng	0.00
87) Perylene-d12	15.33	264	277144	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	857067	109.48	ng	0.02
7) Phenol-d6	6.41	99	1027472	107.92	ng	0.00
23) Nitrobenzene-d5	7.31	82	697234	73.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	339296	97.36	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1366545	75.57	ng	-0.01
79) Terphenyl-d14	12.84	244	1307019	92.99	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	127464	36.569	ng	98
3) Pyridine	3.24	79	307578	32.311	ng	100
4) n-Nitrosodimethylamine	3.18	42	132023	45.783	ng	96
6) Aniline	6.41	93	274851	23.395	ng	# 80
8) 2-Chlorophenol	6.54	128	401692	47.546	ng	99
9) Benzaldehyde	6.29	77	308959	48.570	ng	99
10) Phenol	6.42	94	461124	44.796	ng	# 78
11) bis(2-Chloroethyl)ether	6.47	93	358384	45.501	ng	96
12) 1,3-Dichlorobenzene	6.68	146	434025	42.862	ng	97
13) 1,4-Dichlorobenzene	6.76	146	434934	42.922	ng	99
14) 1,2-Dichlorobenzene	6.92	146	408184	44.169	ng	98
15) Benzyl Alcohol	6.90	79	329560	47.893	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	291312	42.696	ng	# 47
17) 2-Methylphenol	7.02	107	313077	45.707	ng	93
18) Hexachloroethane	7.25	117	146053	40.287	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	272828	49.177	ng	97
20) 3+4-Methylphenols	7.17	107	418161	49.829	ng	# 82
22) Acetophenone	7.16	105	540294	46.631	ng	# 95
24) Nitrobenzene	7.33	77	406931	43.387	ng	97
25) Isophorone	7.57	82	729227	44.272	ng	99
26) 2-Nitrophenol	7.65	139	214594	43.183	ng	99
27) 2,4-Dimethylphenol	7.69	122	335600	49.760	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	446091	41.608	ng	99
29) 2,4-Dichlorophenol	7.90	162	340175	42.844	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	378310	40.187	ng	99
31) Naphthalene	8.05	128	1122048	43.204	ng	99
32) Benzoic acid	7.86	122	201102	41.858	ng	97
33) 4-Chloroaniline	8.10	127	133219	11.926	ng	98
34) Hexachlorobutadiene	8.16	225	232525	39.654	ng	99
35) Caprolactam	8.49	113	71234	29.137	ng	96
36) 4-Chloro-3-methylphenol	8.60	107	356001	44.304	ng	98
37) 2-Methylnaphthalene	8.74	142	768857	43.991	ng	99
38) 1-Methylnaphthalene	8.84	142	720526	43.836	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	382861	42.627	ng	99

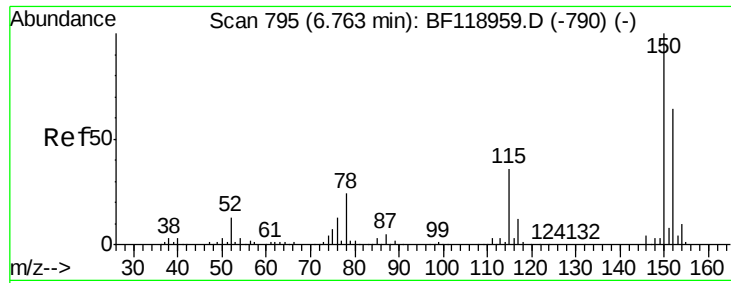
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	77118	30.213	nq	99
43) 2,4,6-Trichlorophenol	9.03	196	242870	42.820	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	248211	41.703	nq	99
46) 1,1'-Biphenyl	9.20	154	921615	42.806	nq	98
47) 2-Chloronaphthalene	9.23	162	724160	41.738	nq	99
48) 2-Nitroaniline	9.33	65	206947	42.764	nq	95
49) Acenaphthylene	9.64	152	1097475	43.796	nq	99
50) Dimethylphthalate	9.50	163	983415	48.276	nq	99
51) 2,6-Dinitrotoluene	9.57	165	197743	43.693	nq	99
52) Acenaphthene	9.81	154	647400	42.846	nq	99
53) 3-Nitroaniline	9.74	138	91222	18.181	nq	96
54) 2,4-Dinitrophenol	9.86	184	73380	37.718	nq	# 90
55) Dibenzofuran	9.99	168	955083	42.348	nq	99
56) 4-Nitrophenol	9.94	139	176935	58.694	nq	100
57) 2,4-Dinitrotoluene	9.98	165	241528	41.172	nq	92
58) Fluorene	10.33	166	760845	43.415	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	202300	40.281	nq	99
60) Diethylphthalate	10.20	149	858941	44.744	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	405402	43.703	nq	97
62) 4-Nitroaniline	10.36	138	141948	27.652	nq	95
63) Azobenzene	10.48	77	733812	43.977	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	71480	26.467	nq	95
66) n-Nitrosodiphenylamine	10.44	169	688999	47.146	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	259767	44.527	nq	97
68) Hexachlorobenzene	10.88	284	281817	41.898	nq	95
69) Atrazine	10.97	200	227001	44.457	nq	99
70) Pentachlorophenol	11.09	266	190662	70.368	nq	99
71) Phenanthrene	11.29	178	1041888	42.805	nq	98
72) Anthracene	11.34	178	1084969	44.612	nq	99
73) Carbazole	11.50	167	901863	41.626	nq	98
74) Di-n-butylphthalate	11.82	149	1229889	46.875	nq	99
75) Fluoranthene	12.47	202	952322	36.860	nq	98
77) Benzidine	12.60	184	530343	53.886	nq	98
78) Pyrene	12.70	202	918882	47.287	nq	98
80) Butylbenzylphthalate	13.31	149	408528	49.952	nq	94
81) Benzo(a)anthracene	13.89	228	742687	45.042	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	251896	39.342	nq	99
83) Chrysene	13.93	228	693603	42.216	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	545927	52.837	nq	98
85) Di-n-octyl phthalate	14.48	149	807695	49.063	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	791402	49.747	nq	99
88) Benzo(b)fluoranthene	14.93	252	777441	42.558	nq	98
89) Benzo(k)fluoranthene	14.95	252	689002	40.699	nq	100
90) Benzo(a)pyrene	15.27	252	683278	41.443	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	682547	47.050	nq	100
92) Benzo(g,h,i)perylene	17.17	276	624474	43.568	nq	100

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

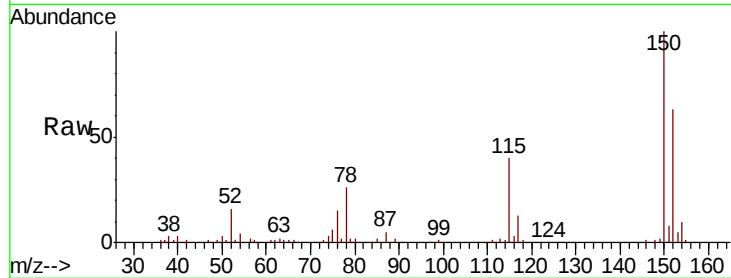


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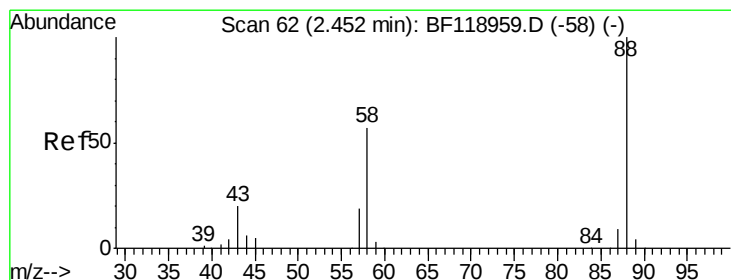
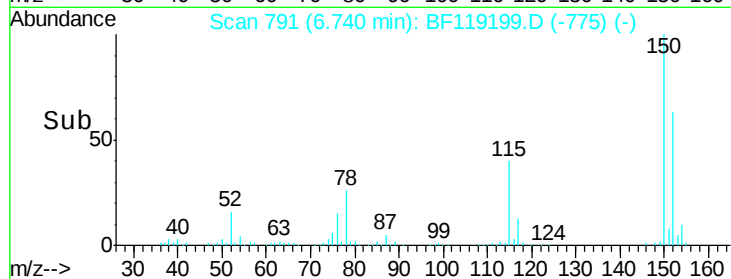
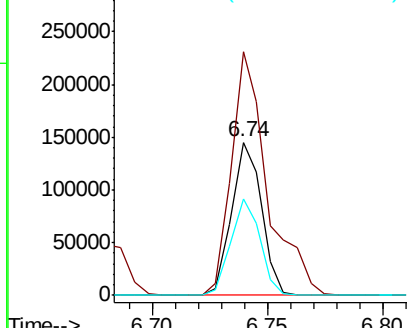
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130830
Ion Ratio Lower Upper
152 100
150 159.1 123.0 184.6
115 63.0 49.5 74.3



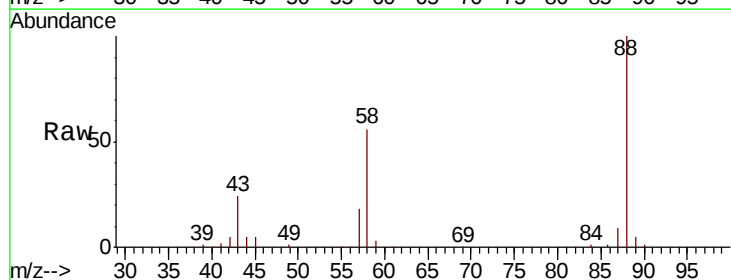
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



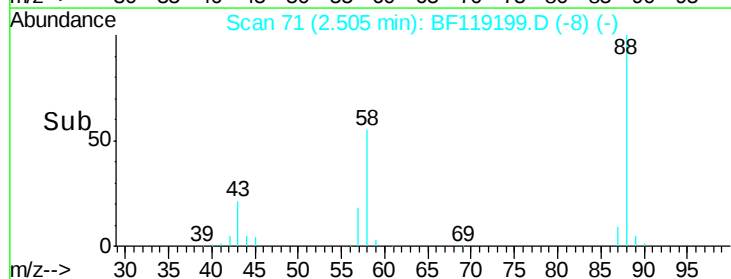
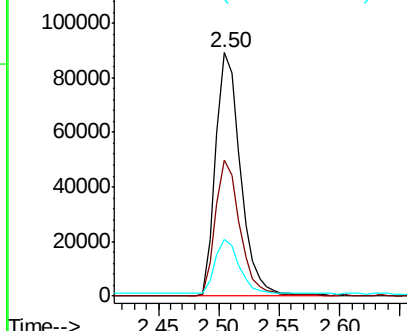
#2

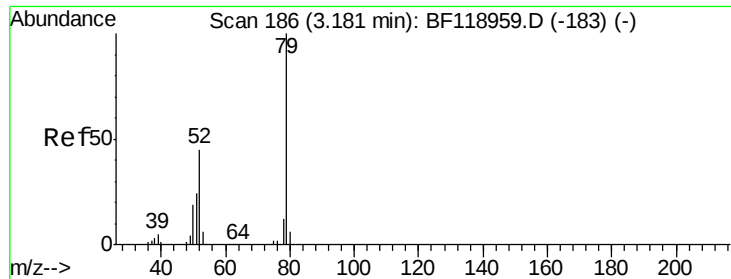
1,4-Dioxane
Concen: 36.569 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion: 88 Resp: 127464
Ion Ratio Lower Upper
88 100
58 55.8 43.8 65.6
43 21.3 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: 32.311 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.08 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

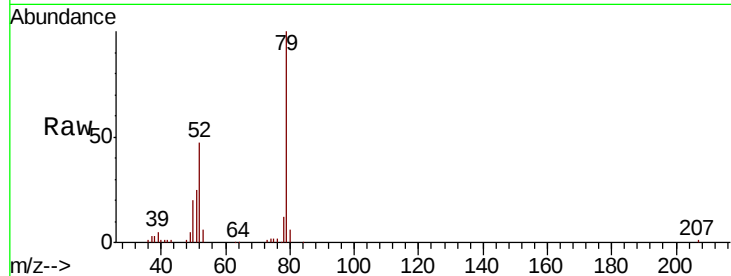
Tot Ion: 79 Resp: 307578

Ion Ratio Lower Upper

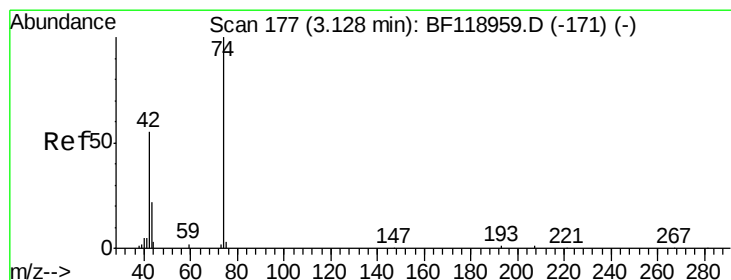
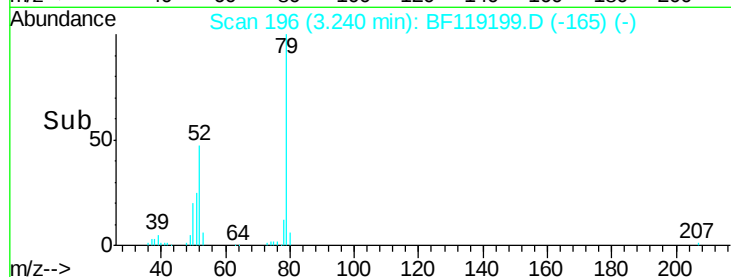
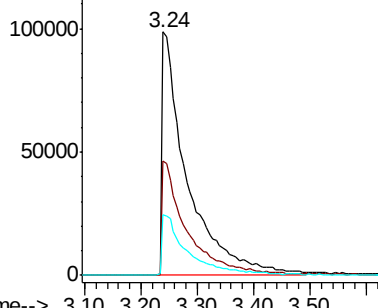
79 100

52 46.9 37.4 56.0

51 24.6 19.8 29.6



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



#4

n-Nitrosodimethylamine

Concen: 45.783 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

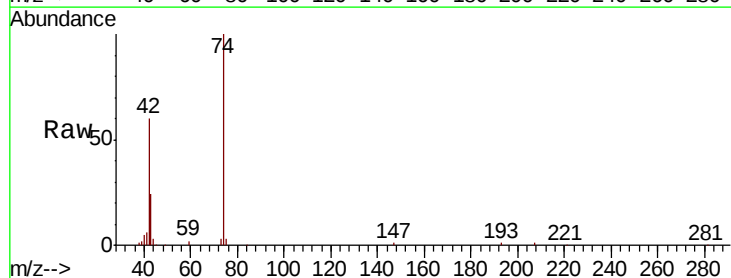
Tgt Ion: 42 Resp: 132023

Ion Ratio Lower Upper

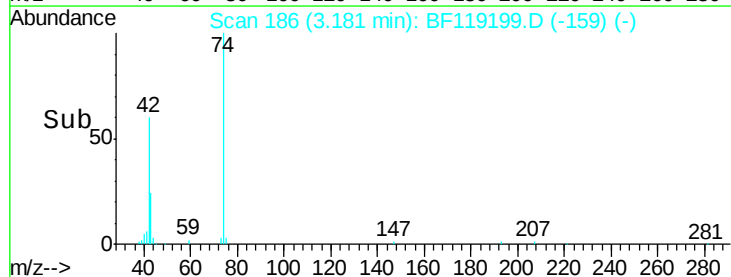
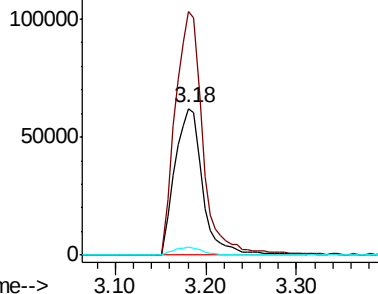
42 100

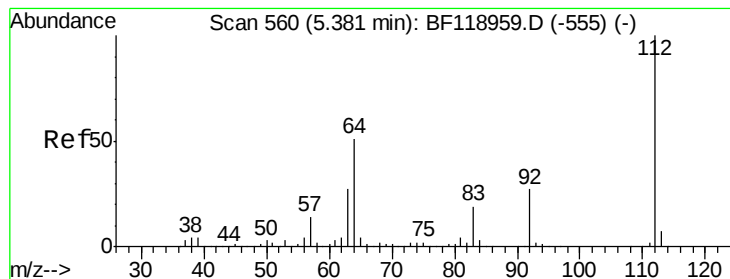
74 166.0 137.7 206.5

44 5.4 4.5 6.7



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





#5

2-Fluorophenol

Concen: 109.479 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.02 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampled :

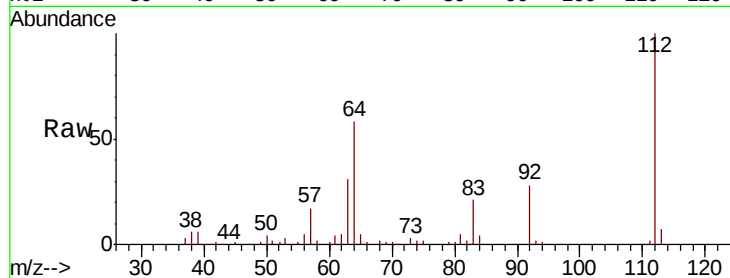
Tot Ion:112 Resp: 857067

Ion Ratio Lower Upper

112 100

64 57.7 45.0 67.4

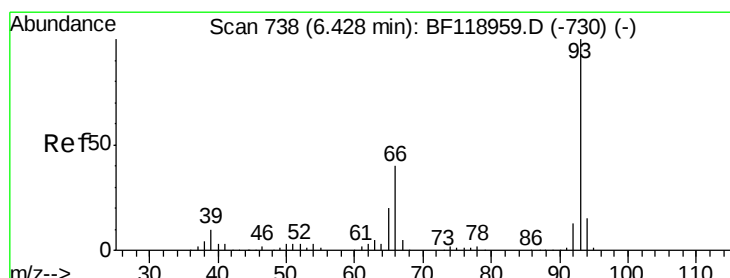
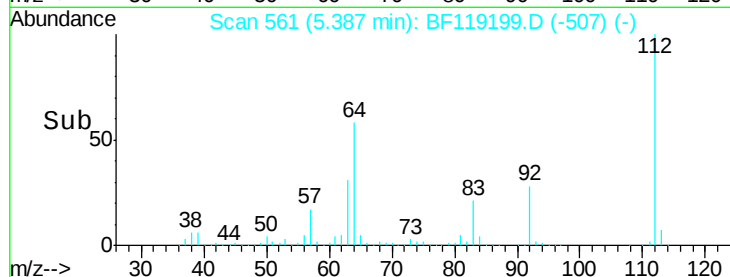
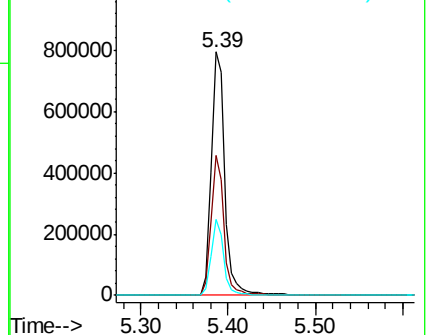
63 31.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.395 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

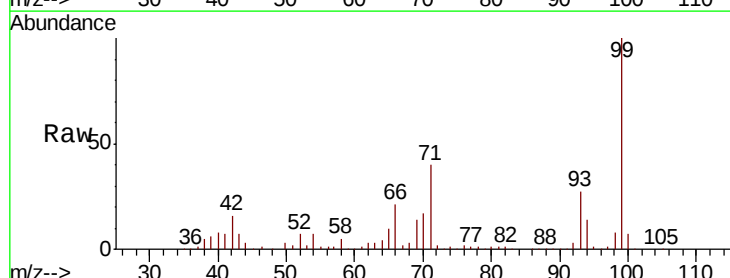
Tgt Ion: 93 Resp: 274851

Ion Ratio Lower Upper

93 100

66 77.8 74.5 111.7

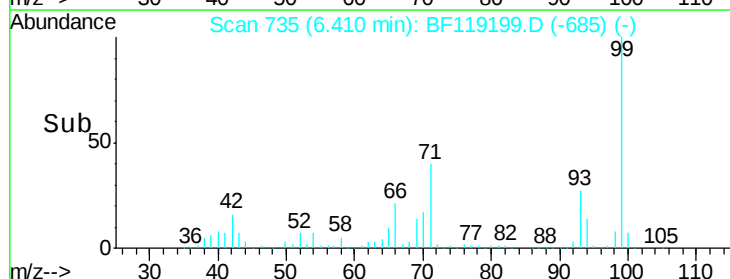
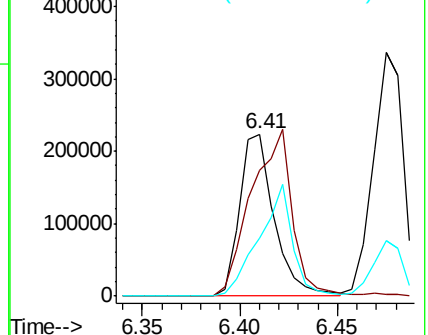
65 36.0 45.3 67.9#

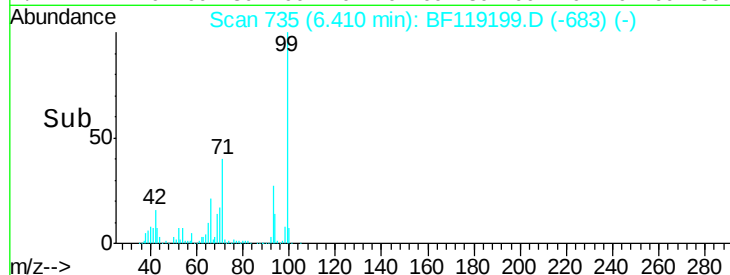
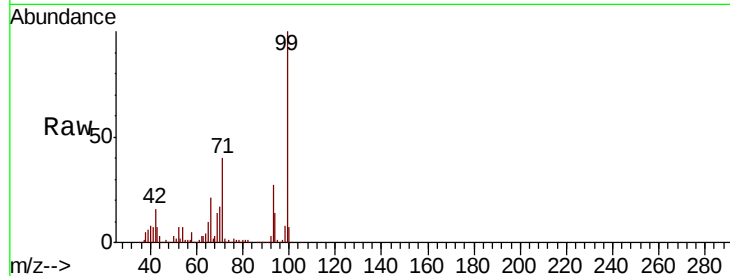
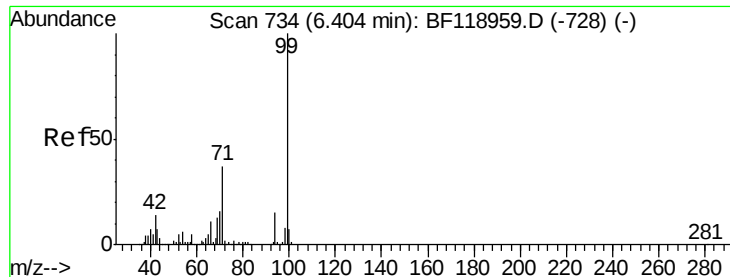


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.916 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampled :

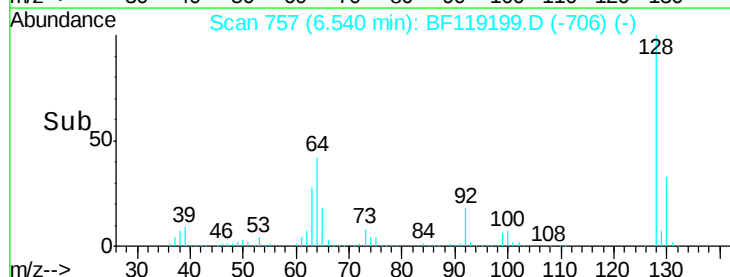
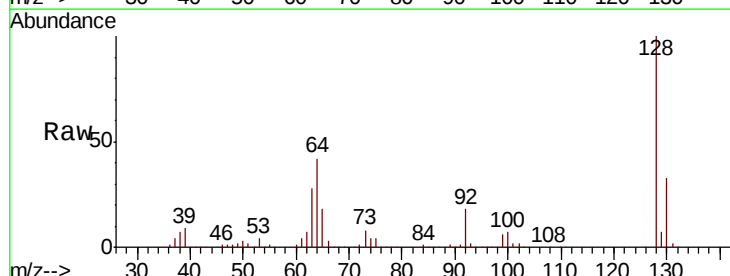
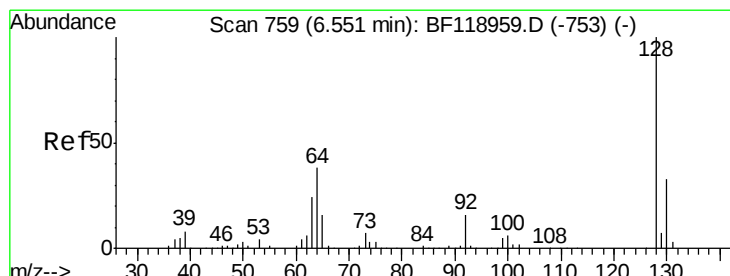
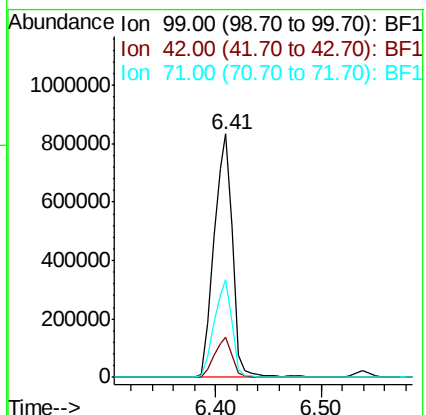
Tot Ion: 99 Resp: 1027472

Ion Ratio Lower Upper

99 100

42 16.4 12.6 18.8

71 40.2 31.0 46.4



#8

2-Chlorophenol

Concen: 47.546 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

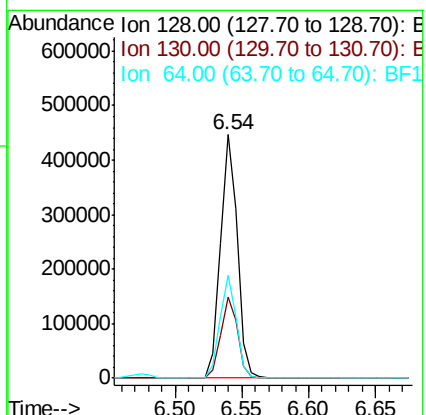
Tgt Ion:128 Resp: 401692

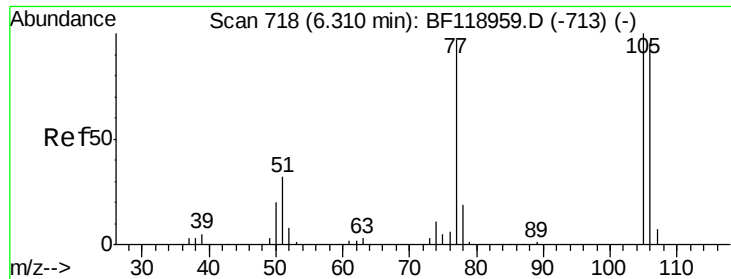
Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

64 42.1 22.3 62.3

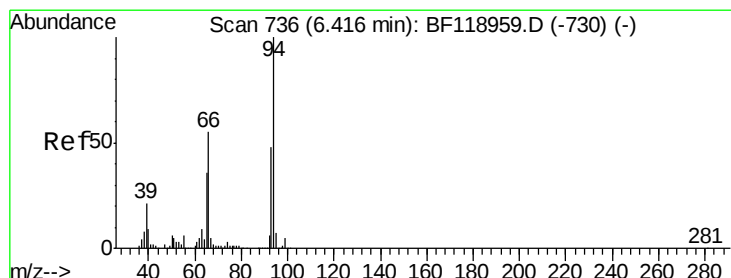
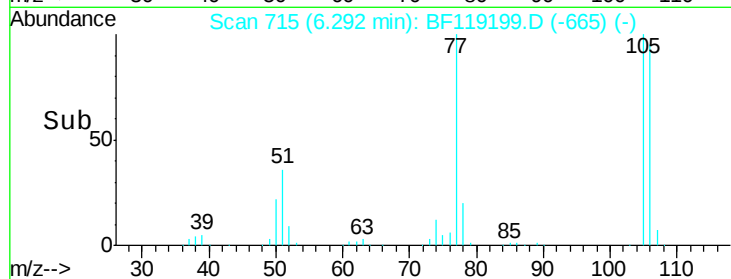
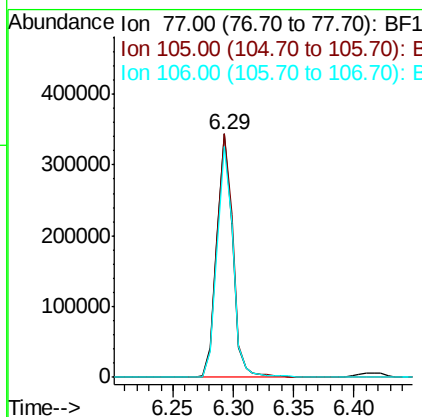
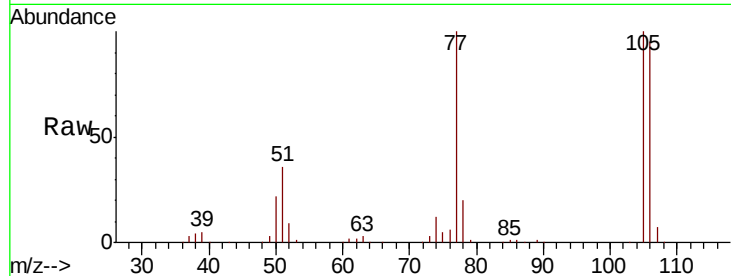




#9
Benzaldehyde
Concen: 48.570 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

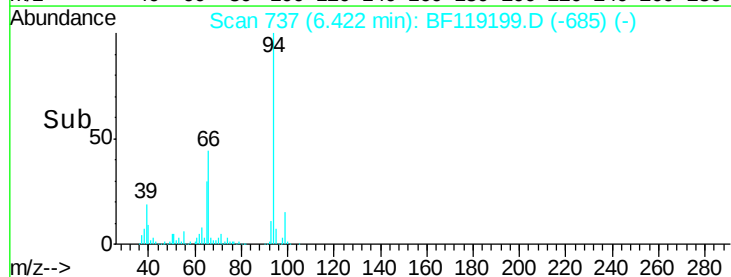
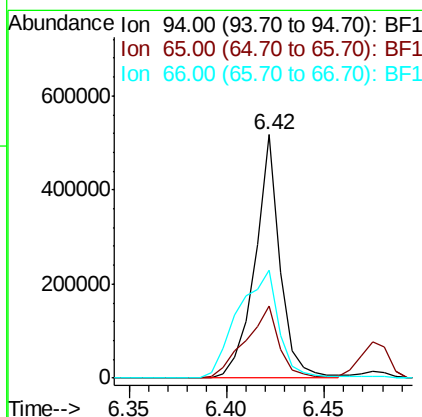
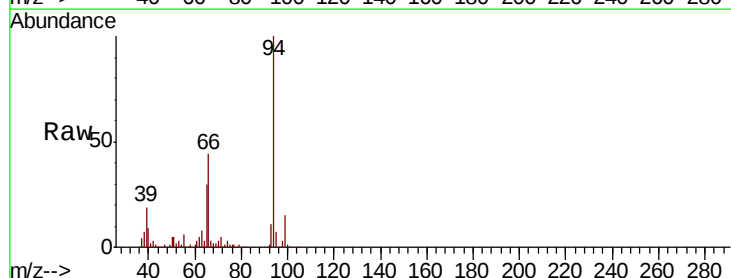
Instrument :
BNA_F
ClientSampleId :

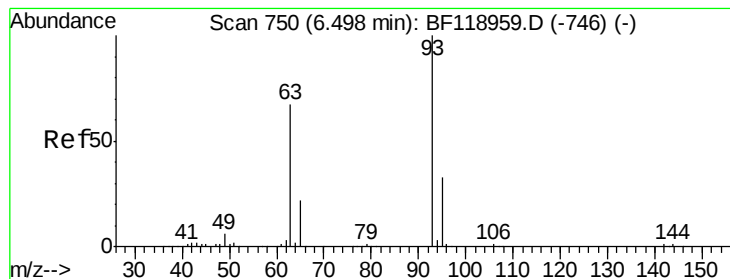
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.1	120.1
106	94.9	75.9	115.9



#10
Phenol
Concen: 44.796 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	19.2	59.2
66	44.4	44.4	84.4#





#11

bis(2-Chloroethyl)ether

Concen: 45.501 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

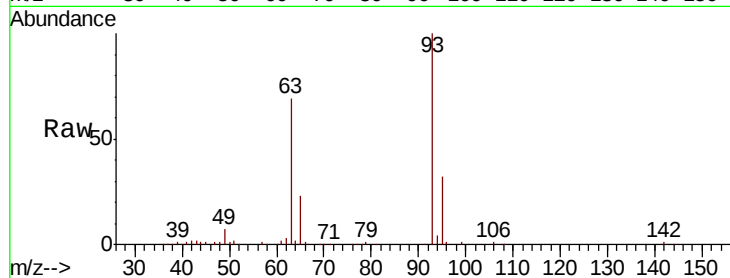
Tot Ion: 93 Resp: 358384

Ion Ratio Lower Upper

93 100

63 69.1 45.4 85.4

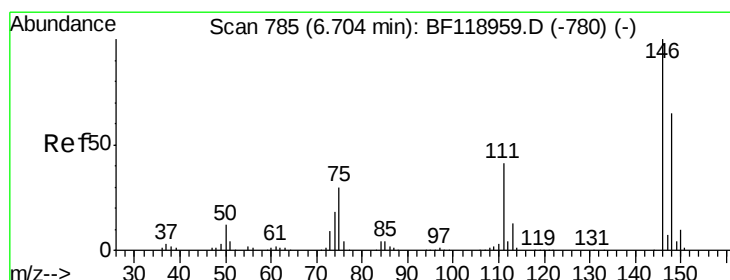
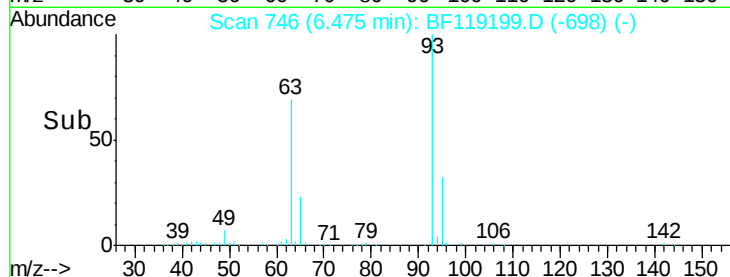
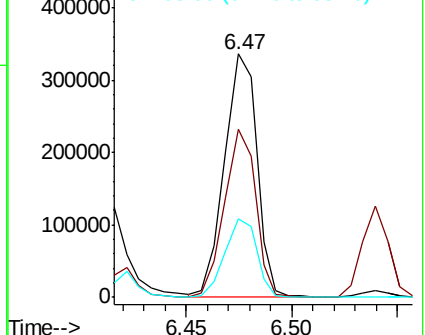
95 32.3 13.5 53.5



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: 42.862 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

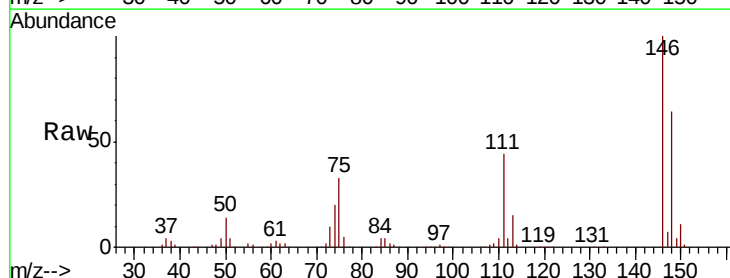
Tgt Ion: 146 Resp: 434025

Ion Ratio Lower Upper

146 100

148 63.9 52.5 78.7

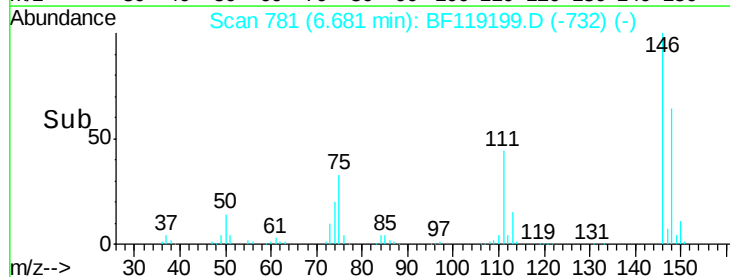
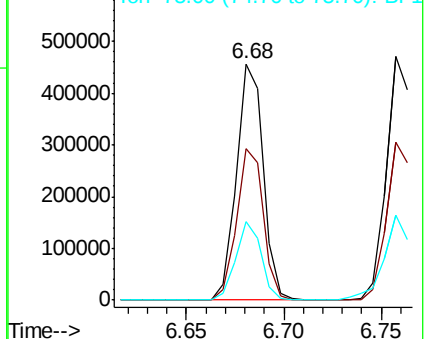
75 33.0 23.6 35.4

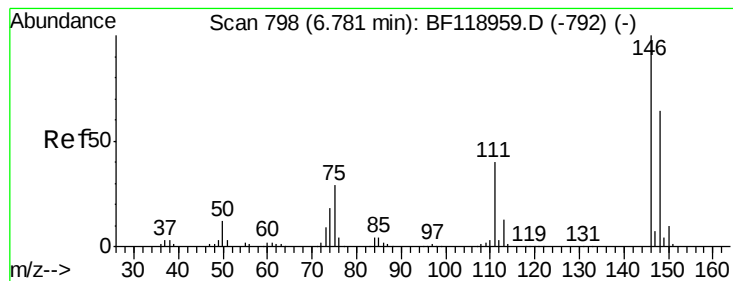


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.922 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampled :

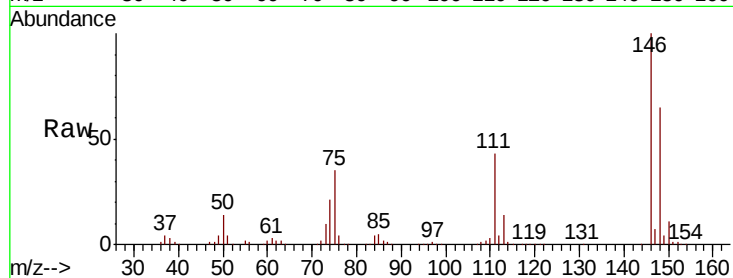
Tot Ion:146 Resp: 434934

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

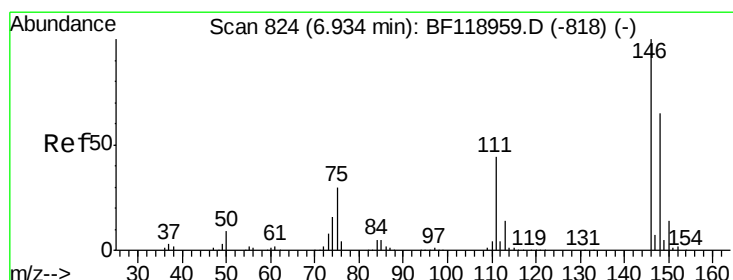
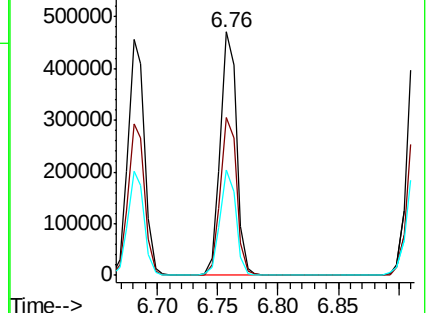
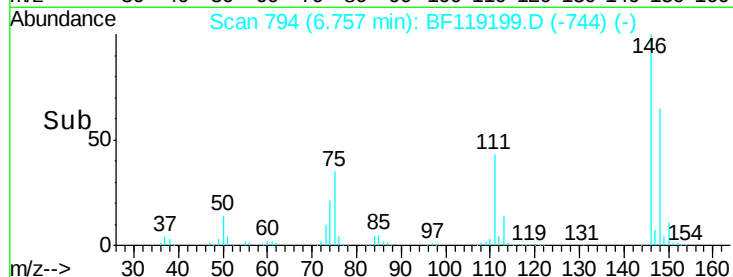
111 43.3 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.169 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

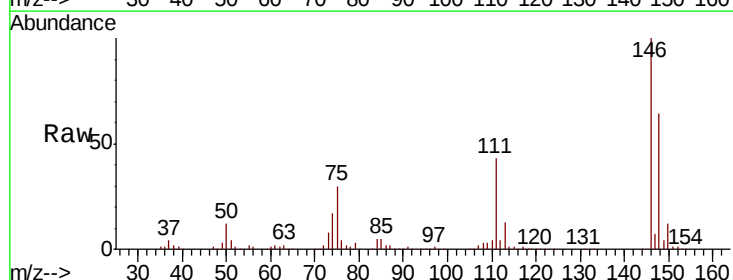
Tgt Ion:146 Resp: 408184

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

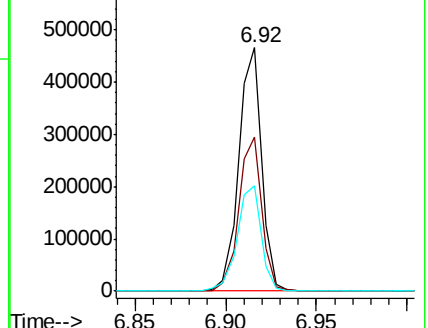
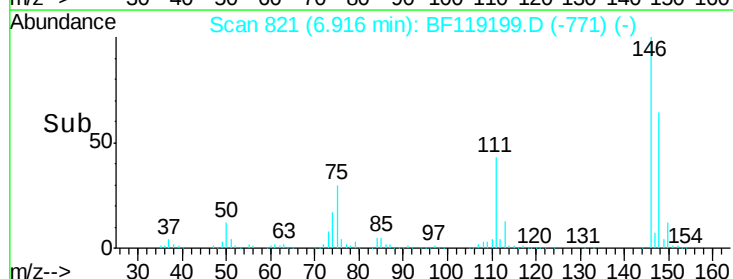
111 43.3 36.2 54.2

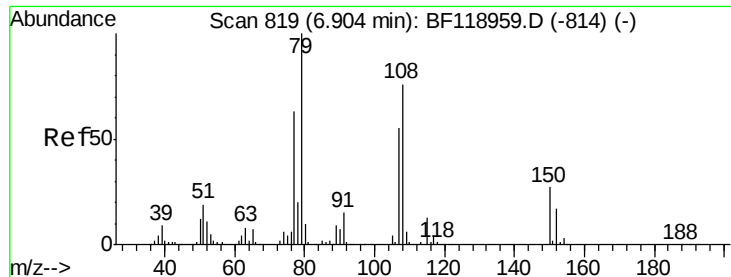


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.893 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampled :

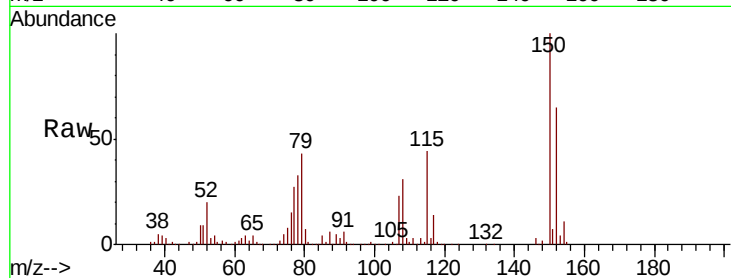
Tot Ion: 79 Resp: 329560

Ion Ratio Lower Upper

79 100

108 72.9 58.2 87.2

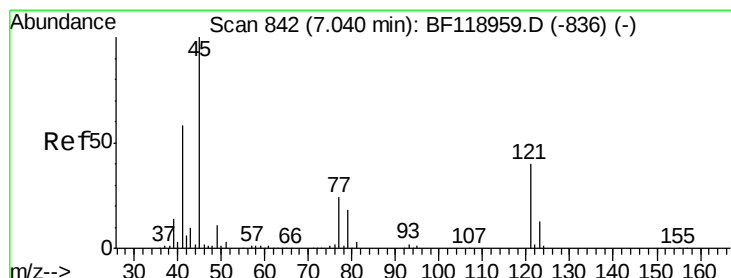
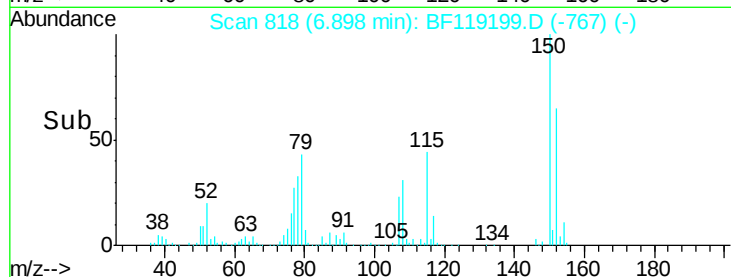
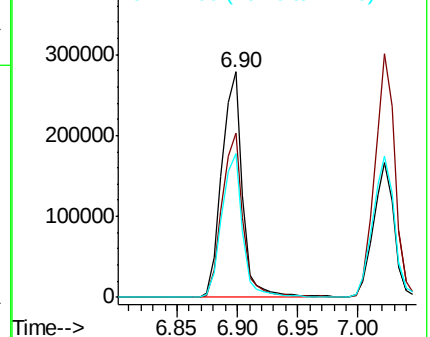
77 63.5 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.696 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

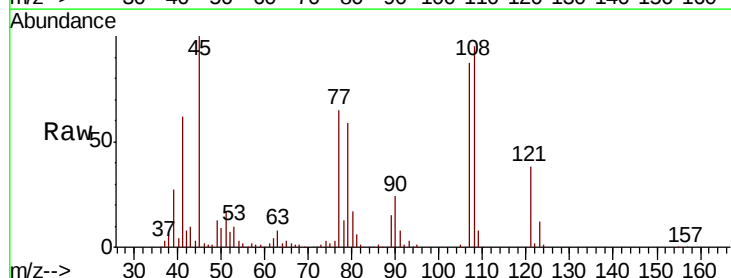
Tgt Ion: 45 Resp: 291312

Ion Ratio Lower Upper

45 100

77 64.8 15.0 55.0#

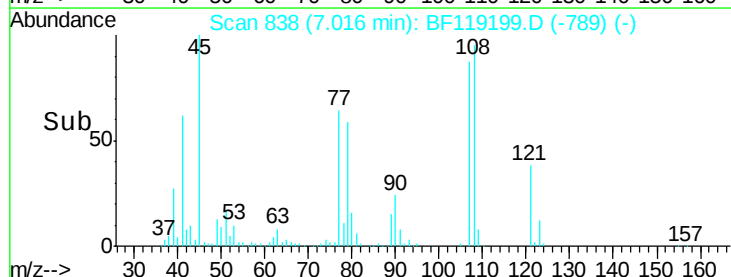
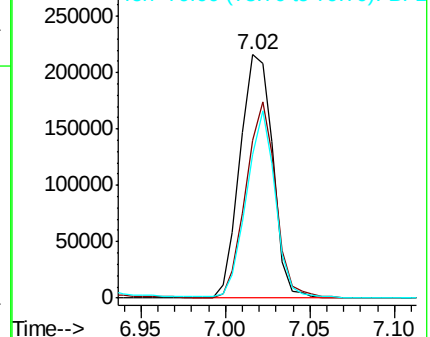
79 58.8 9.4 49.4#

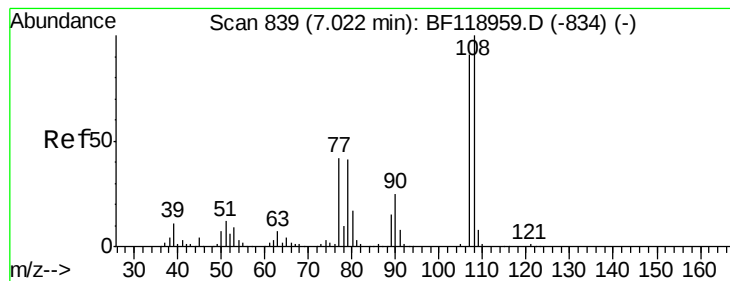


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.707 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 313077

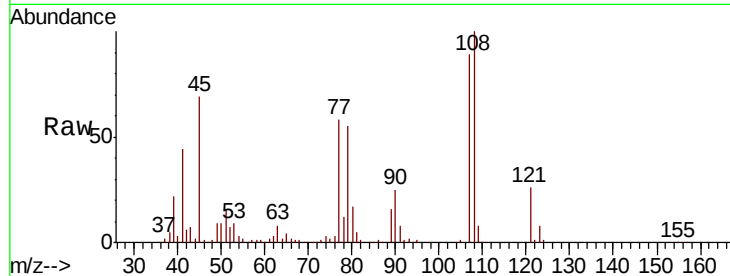
Ion Ratio Lower Upper

107 100

108 112.1 87.9 131.9

77 64.8 45.3 67.9

79 61.9 43.0 64.4

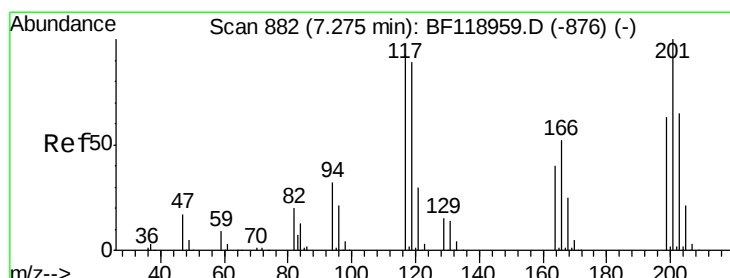
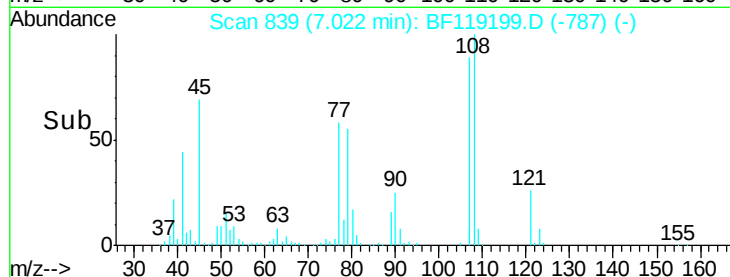
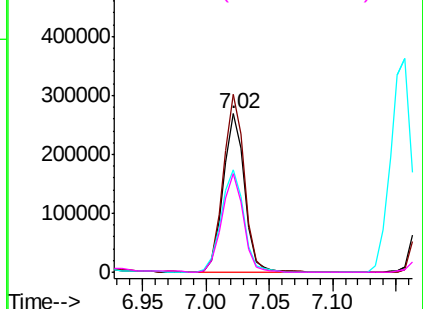


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.287 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

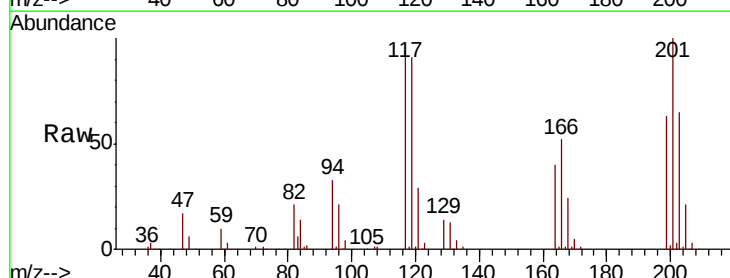
Tgt Ion:117 Resp: 146053

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

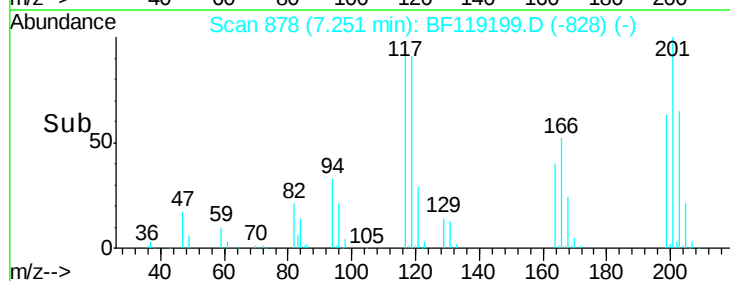
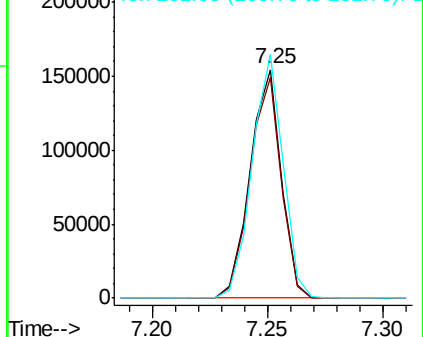
201 106.4 82.6 123.8

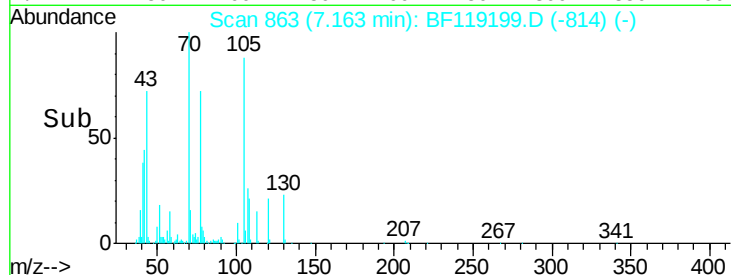
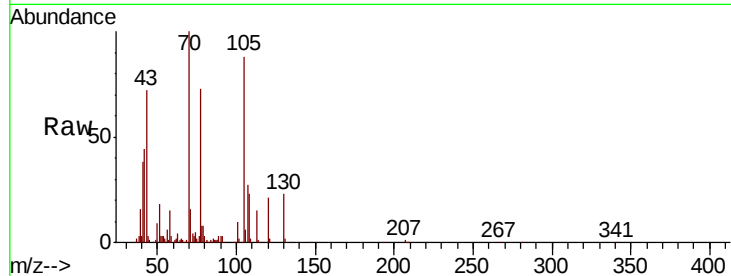
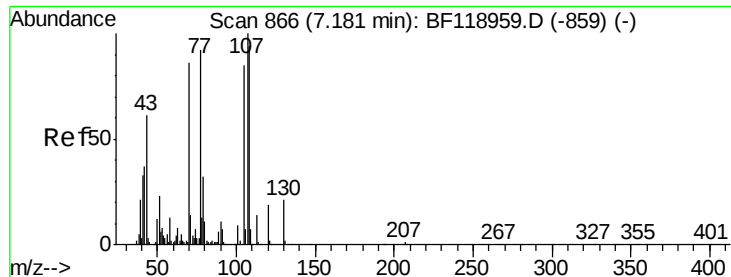


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

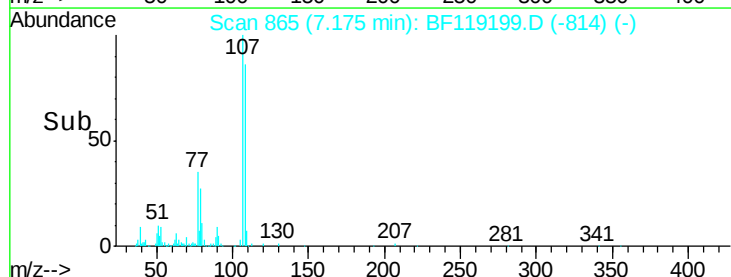
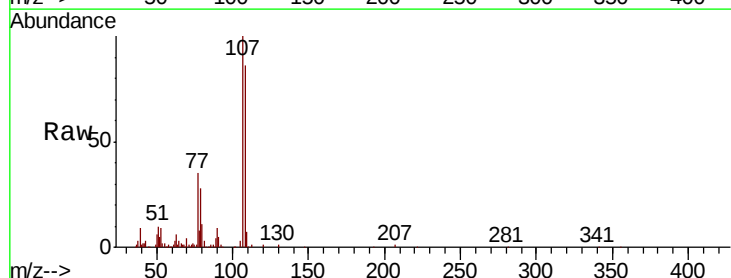
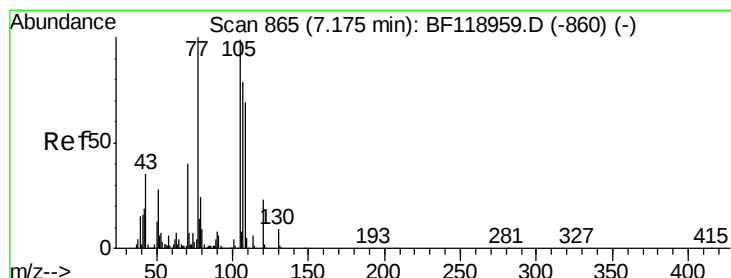
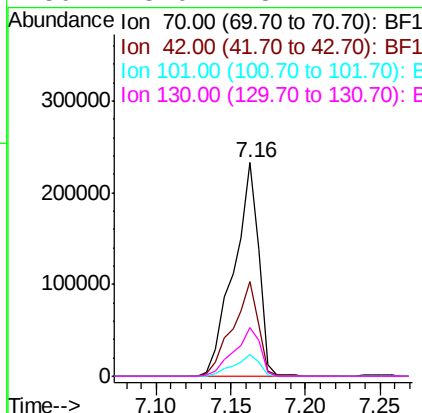




#19
n-Nitroso-di-n-propylamine
Concen: 49.177 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

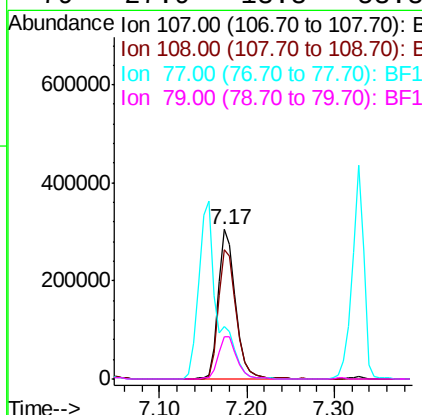
Instrument :
BNA_F
ClientSampleId :

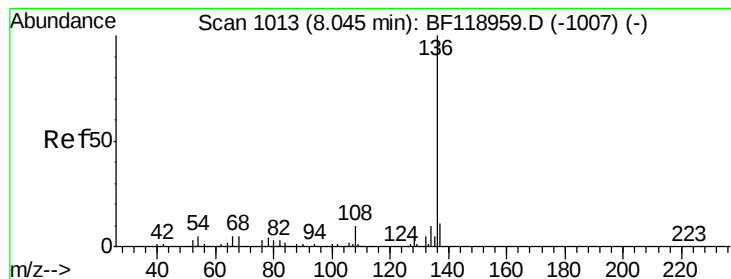
Tot Ion: 70 Resp: 272828
Ion Ratio Lower Upper
70 100
42 44.1 38.0 57.0
101 10.4 8.2 12.4
130 23.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 49.829 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion: 107 Resp: 418161
Ion Ratio Lower Upper
107 100
108 86.4 71.5 111.5
77 35.3 45.9 85.9#
79 27.9 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 500770

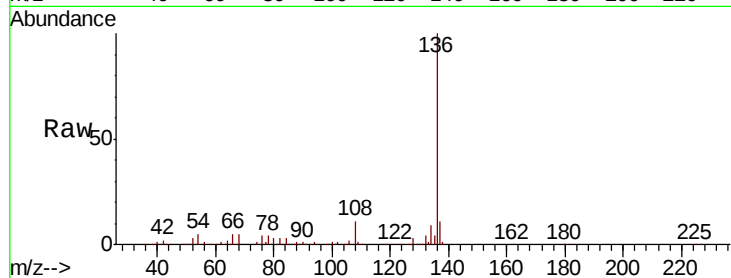
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.4 3.8 5.6

68 5.2 3.9 5.9

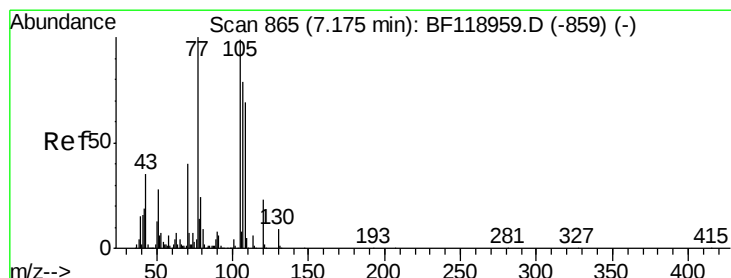
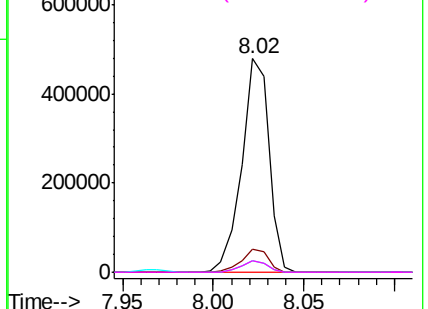
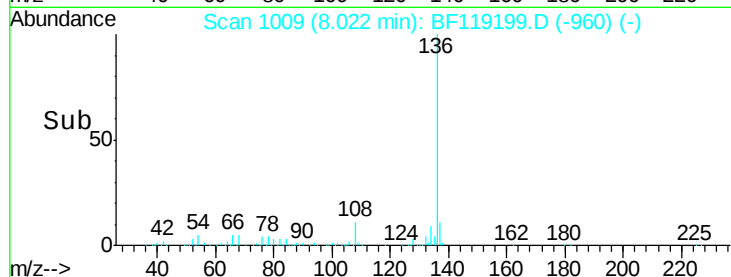


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 46.631 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Tgt Ion:105 Resp: 540294

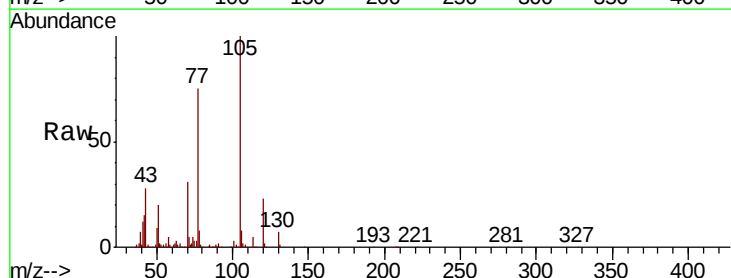
Ion Ratio Lower Upper

105 100

71 5.2 3.0 4.4#

51 20.3 20.1 30.1

120 22.6 18.0 27.0

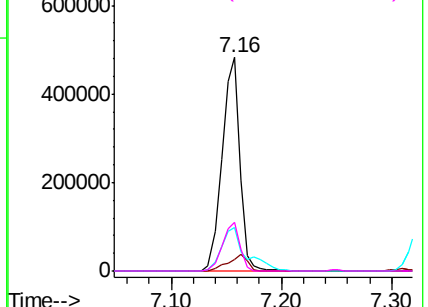
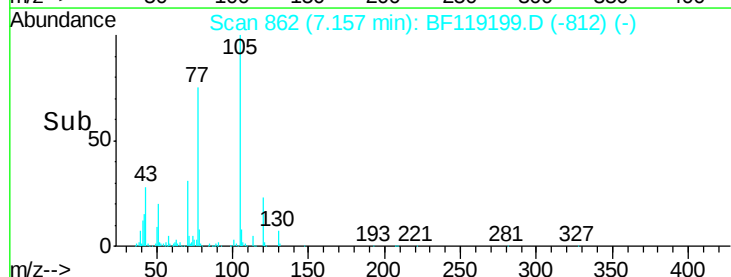


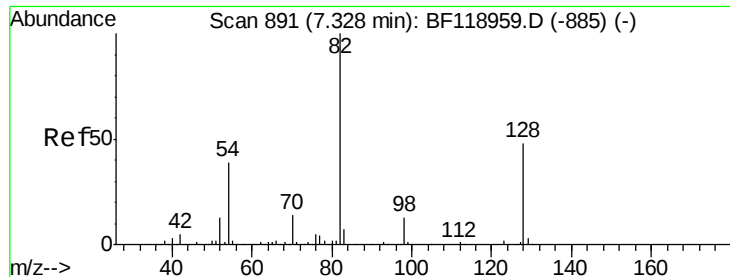
Abundance Ion 105.00 (104.70 to 105.70): E

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

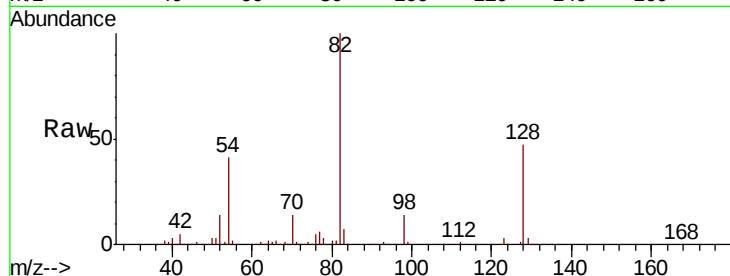




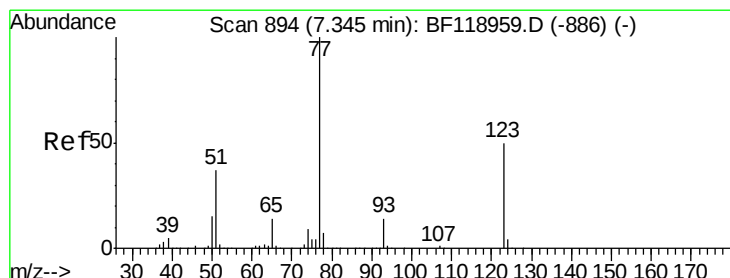
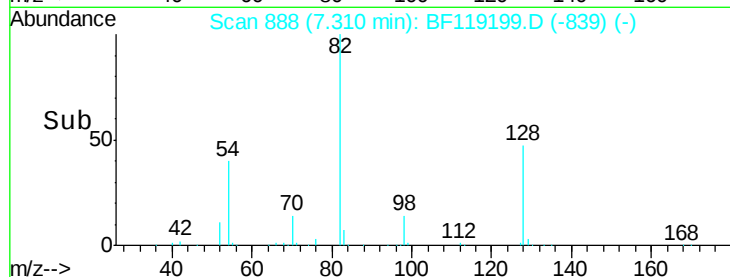
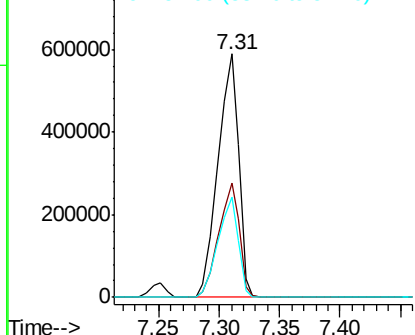
#23
Nitrobenzene-d5
Concen: 73.515 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	697234
Ion Ratio	Lower	Upper	
82	100		
128	46.8	37.9	56.9
54	41.2	33.4	50.2

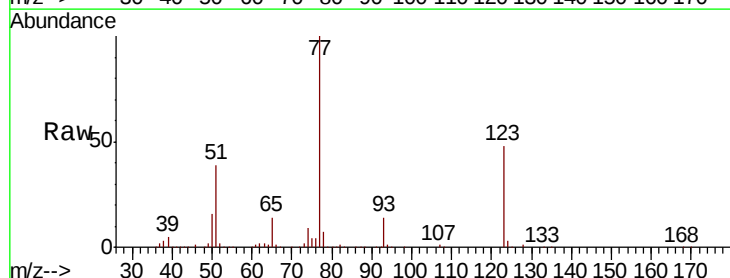


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

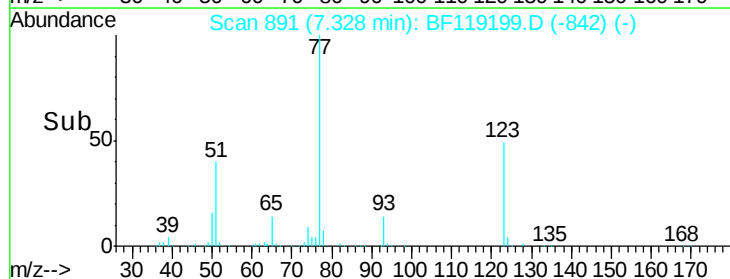
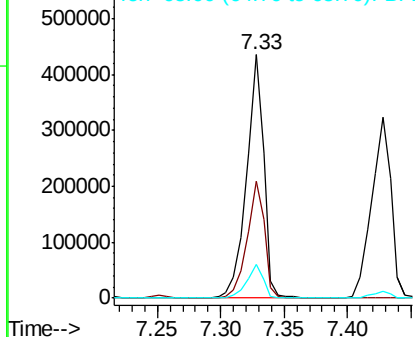


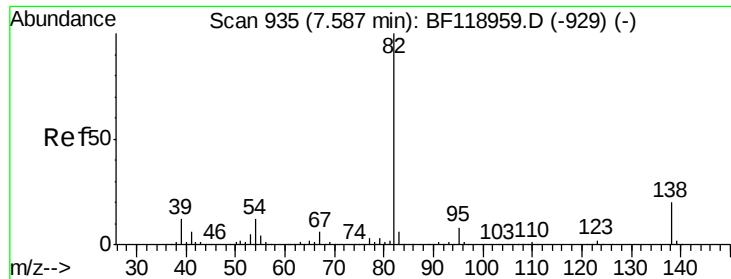
#24
Nitrobenzene
Concen: 43.387 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion	77	Resp	406931
Ion Ratio	Lower	Upper	
77	100		
123	48.0	40.2	60.2
65	13.9	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: 44.272 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

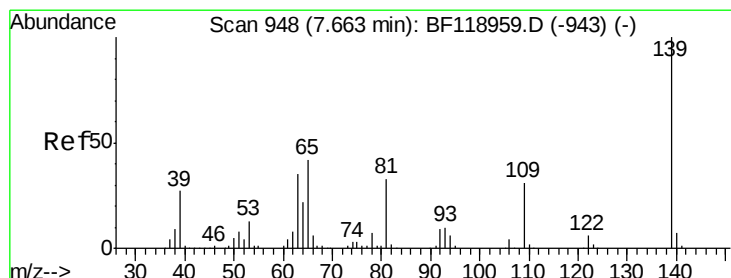
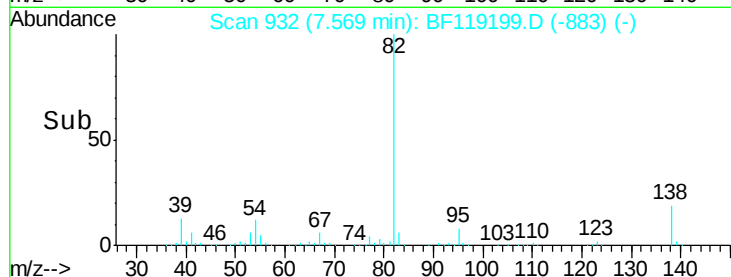
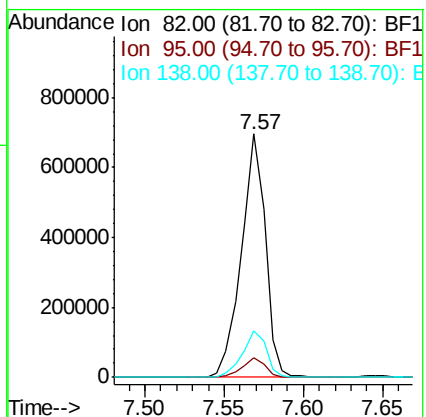
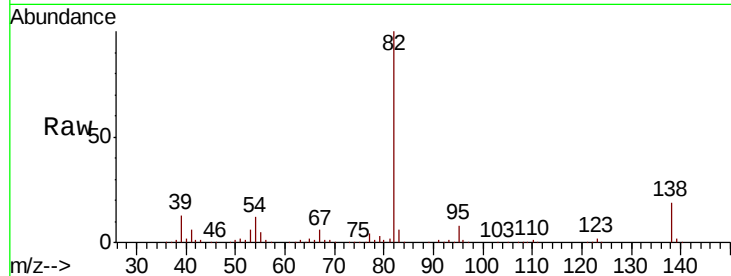
Tot Ion: 82 Resp: 729227

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 19.2 15.7 23.5



#26

2-Nitrophenol

Concen: 43.183 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

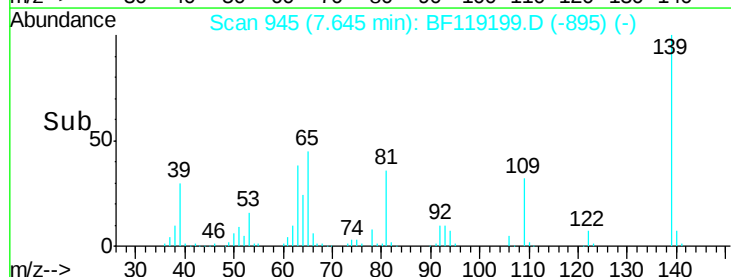
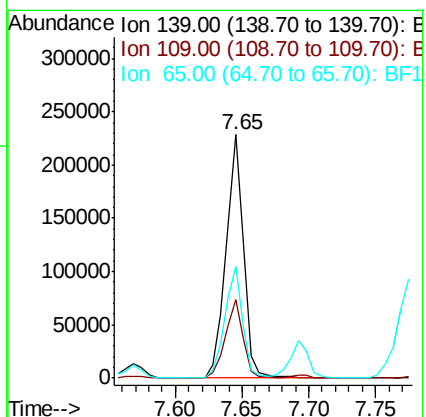
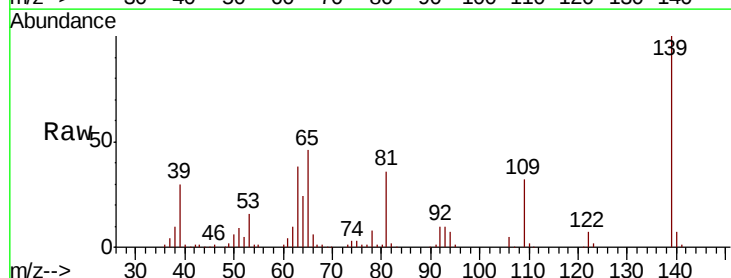
Tgt Ion: 139 Resp: 214594

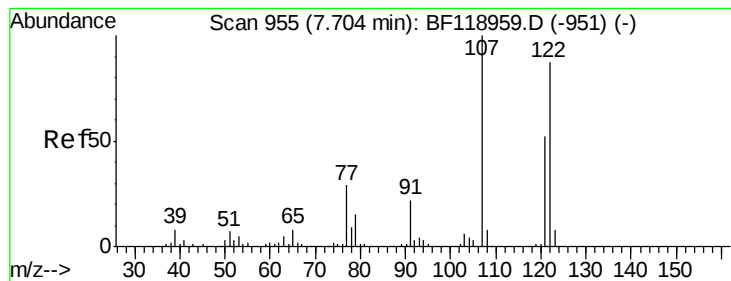
Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

65 45.7 37.1 55.7

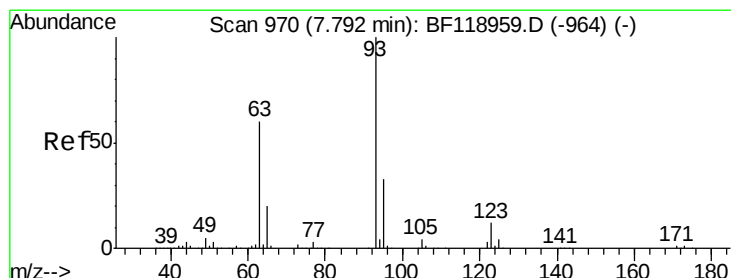
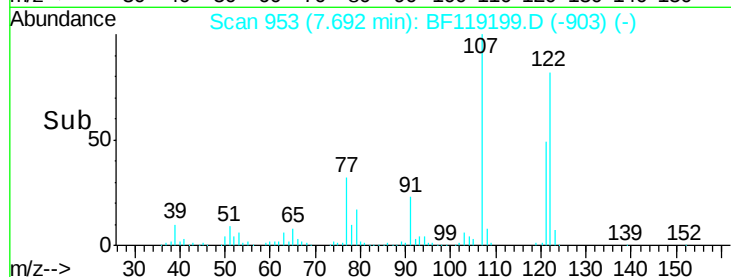
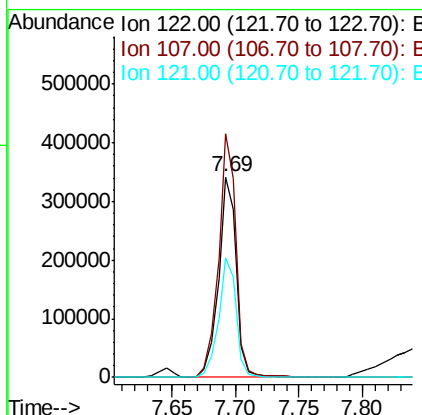
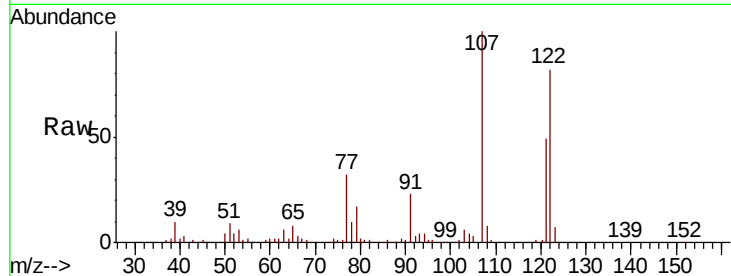




#27
2,4-Dimethylphenol
Concen: 49.760 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

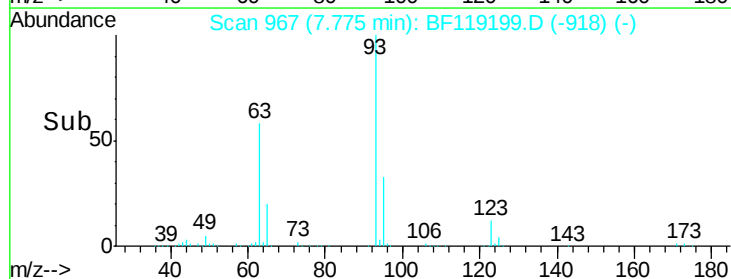
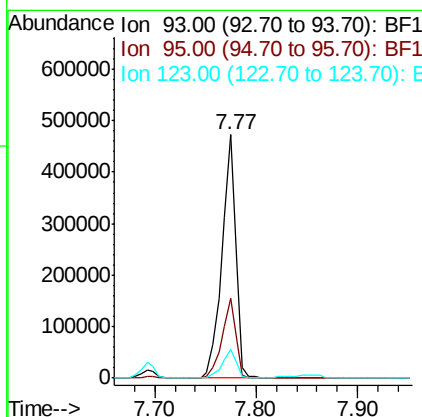
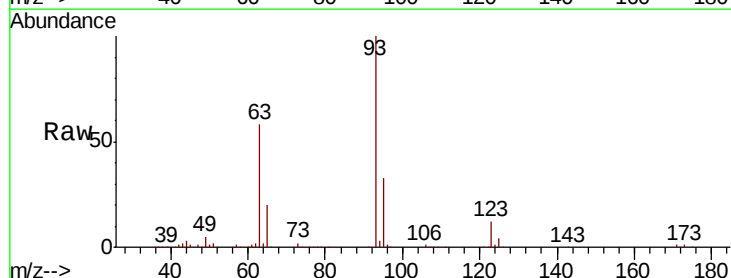
Instrument :
BNA_F
ClientSampled :

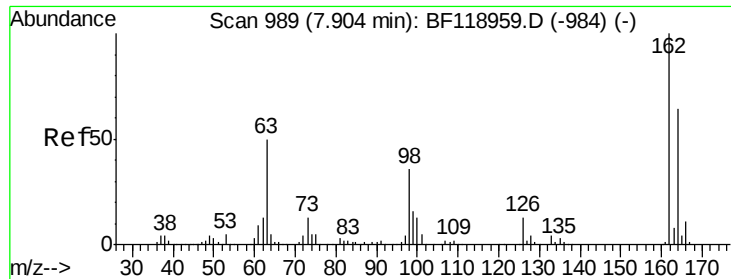
Tot Ion:122 Resp: 335600
Ion Ratio Lower Upper
122 100
107 121.3 93.8 140.6
121 59.6 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.608 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion: 93 Resp: 446091
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.7 10.2 15.2

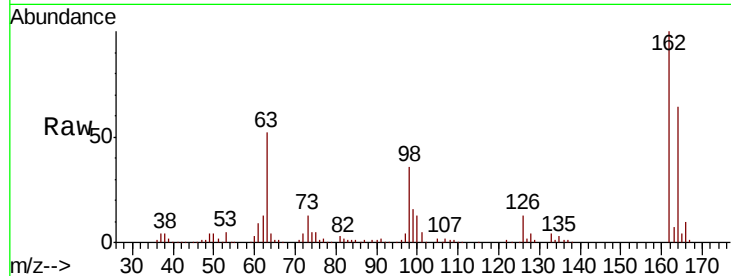




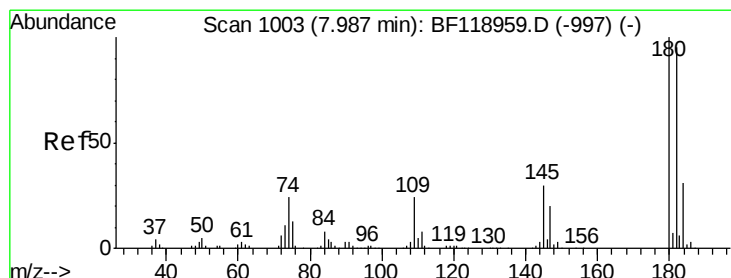
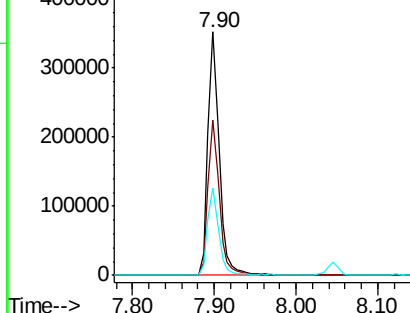
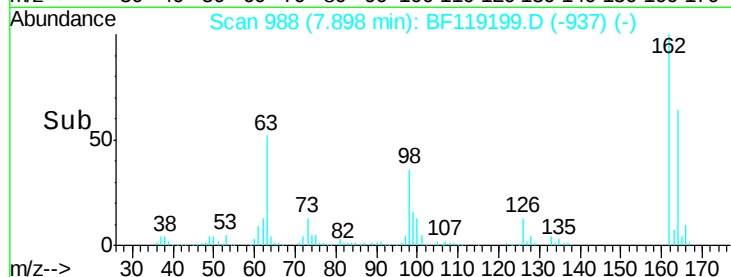
#29
 2,4-Dichlorophenol
 Concen: 42.844 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 340175
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.2 85.2
 98 36.0 17.4 57.4

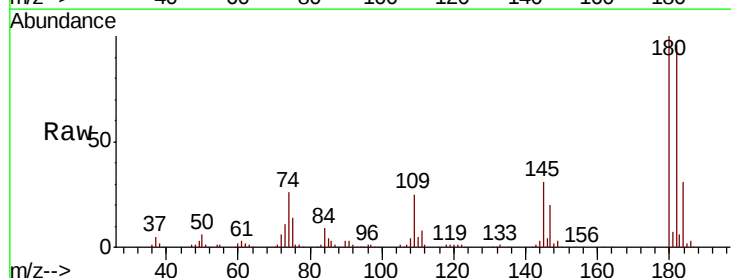


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

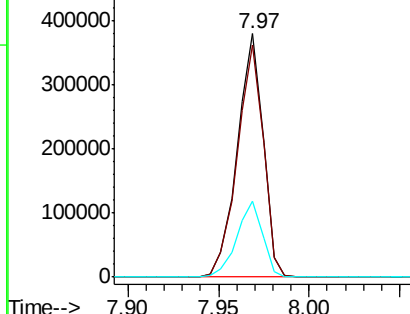
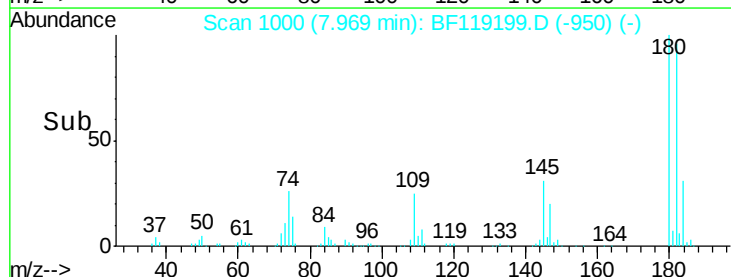


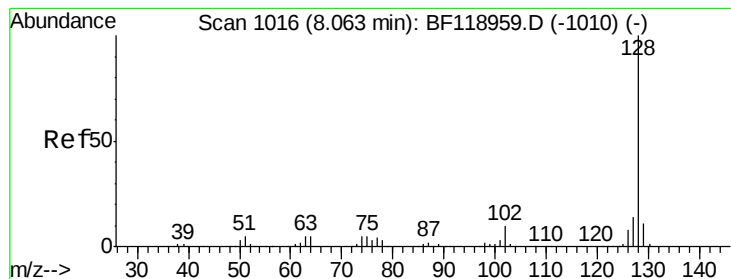
#30
 1,2,4-Trichlorobenzene
 Concen: 40.187 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:180 Resp: 378310
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.8 116.6
 145 31.0 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: 43.204 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

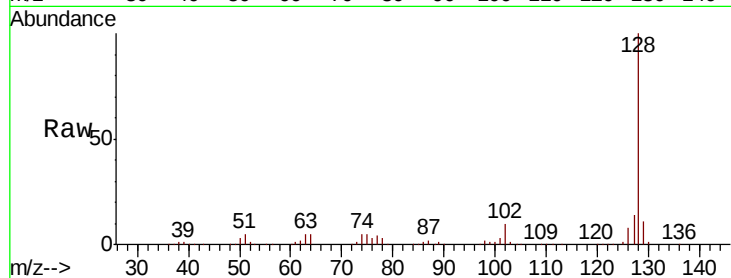
Tot Ion:128 Resp: 1122048

Ion Ratio Lower Upper

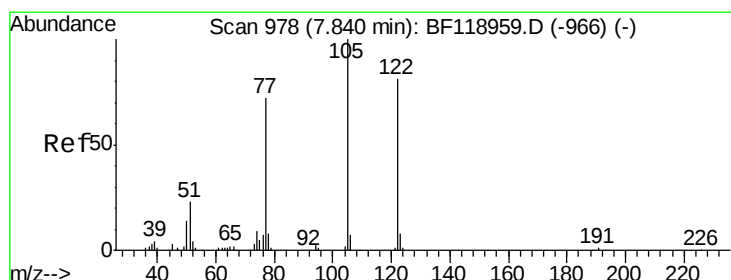
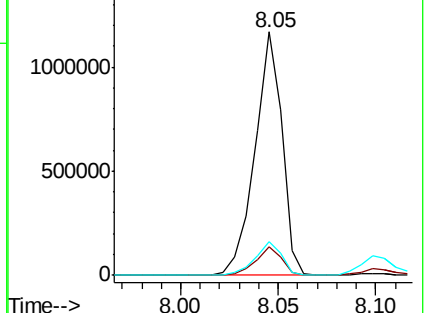
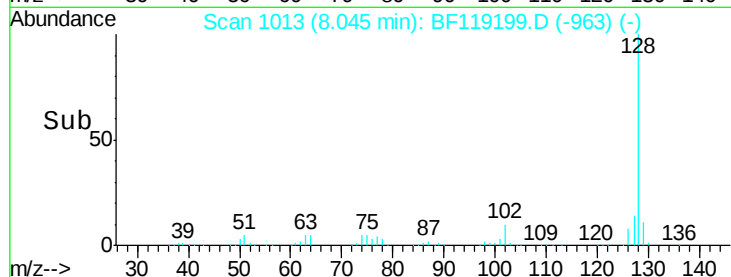
128 100

129 11.5 9.4 14.2

127 13.6 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: 41.858 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

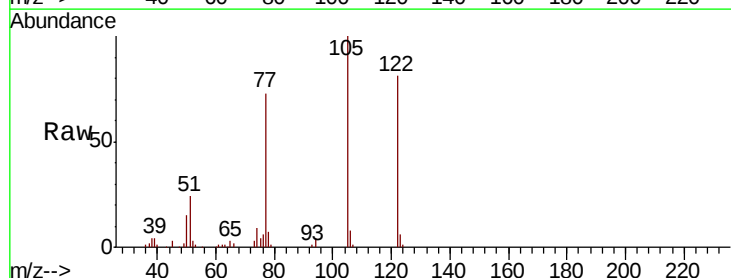
Tgt Ion:122 Resp: 201102

Ion Ratio Lower Upper

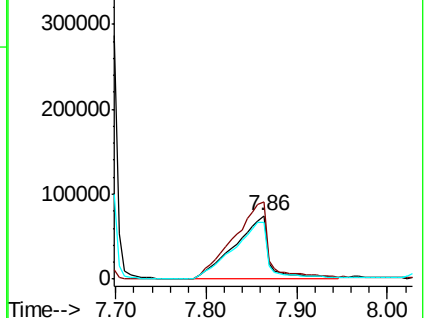
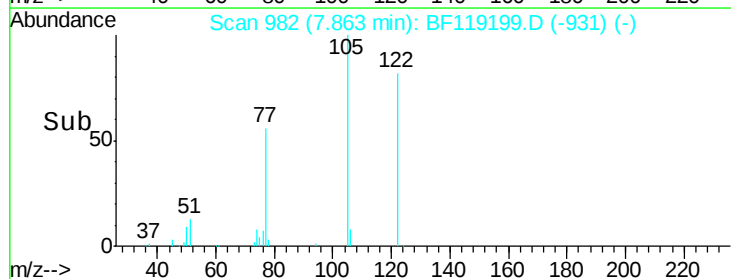
122 100

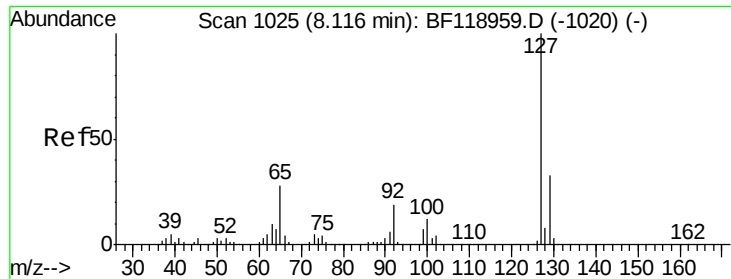
105 123.0 106.3 146.3

77 89.3 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

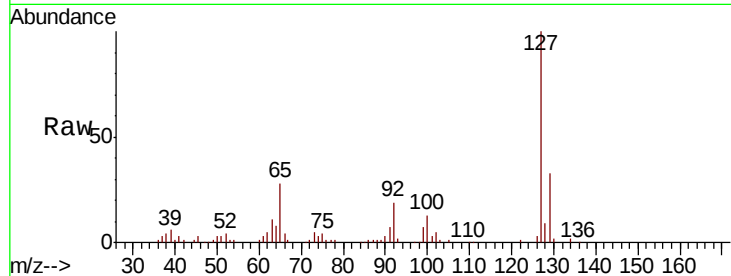




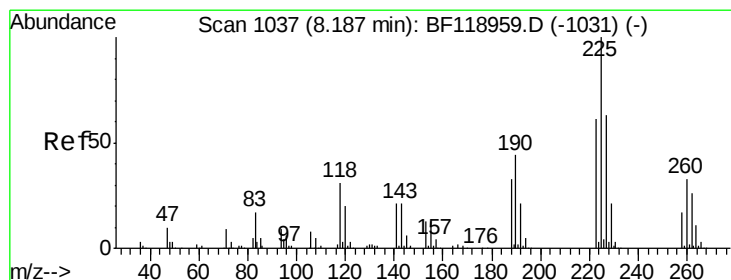
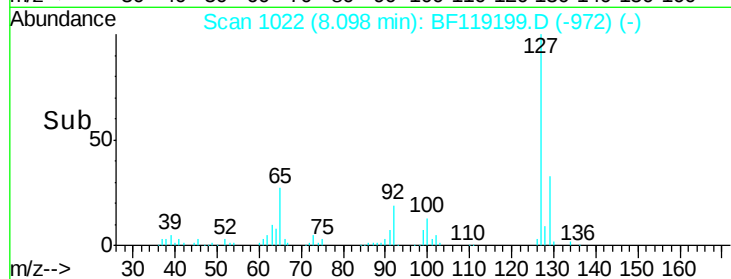
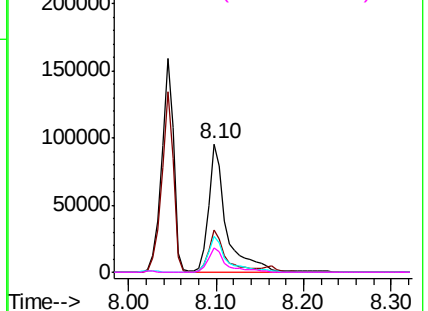
#33
4-Chloroaniline
Concen: 11.926 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	133219
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	28.2	23.9	35.9
92	19.0	16.3	24.5

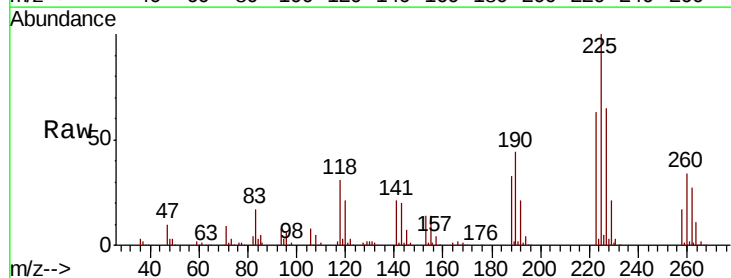


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

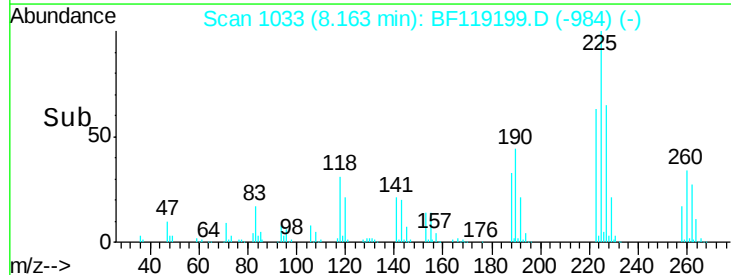
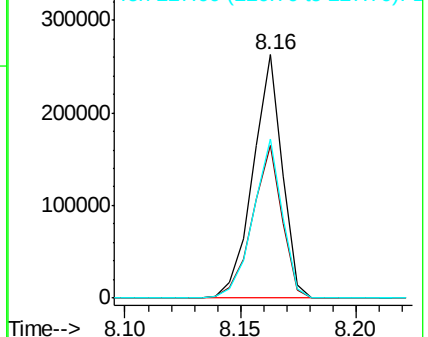


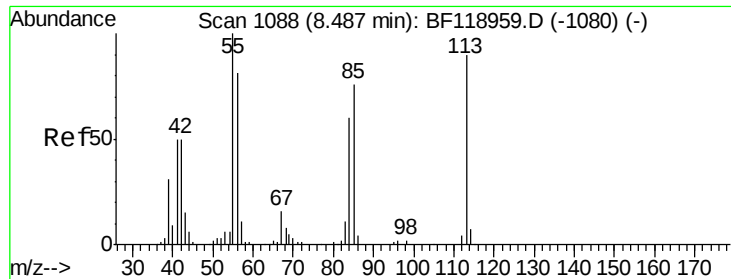
#34
Hexachlorobutadiene
Concen: 39.654 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:	225	Resp:	232525
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	65.2	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

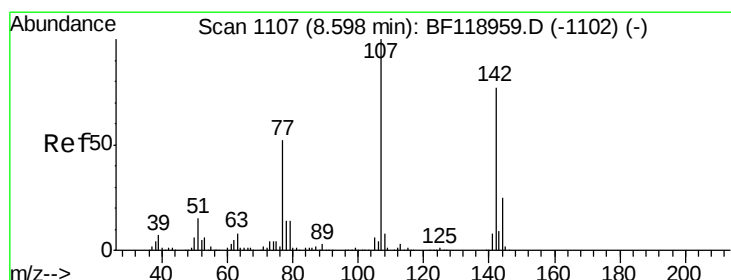
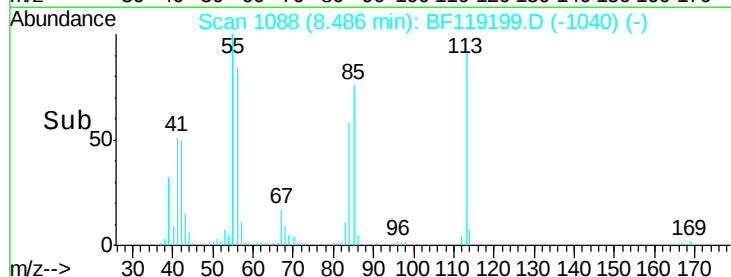
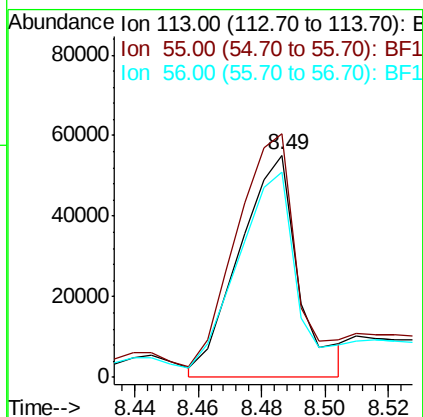
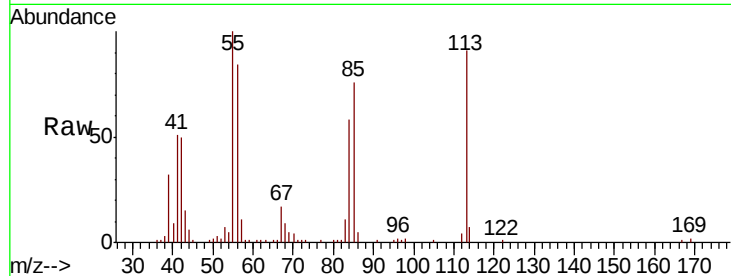




#35
 Caprolactam
 Concen: 29.137 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

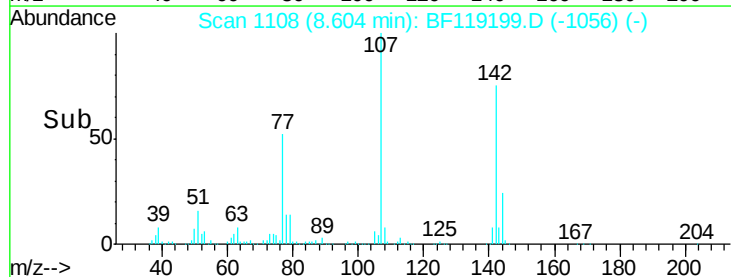
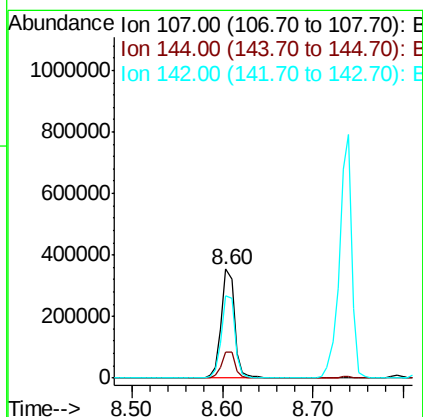
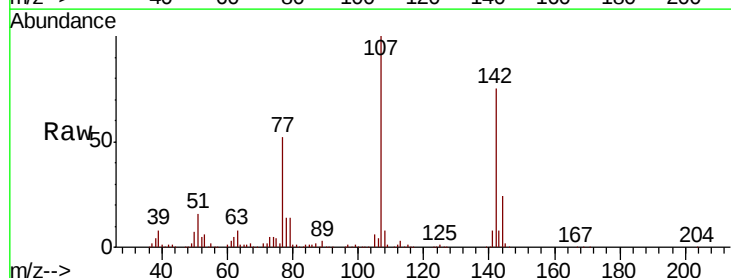
Instrument :
 BNA_F
 ClientSampleId :

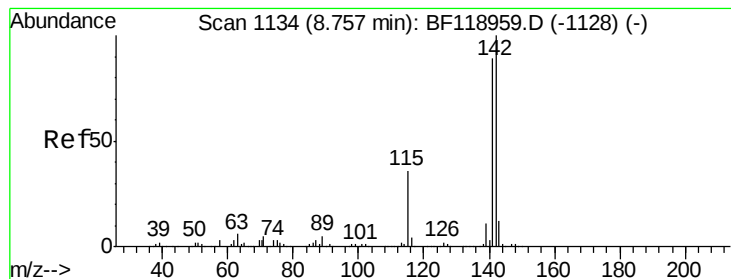
Tot Ion:113 Resp: 71234
 Ion Ratio Lower Upper
 113 100
 55 109.5 95.7 135.7
 56 92.3 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.304 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:107 Resp: 356001
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.1 30.1
 142 75.2 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.991 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

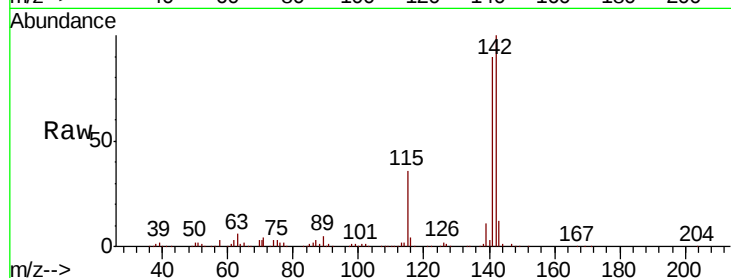
Tot Ion:142 Resp: 768857

Ion Ratio Lower Upper

142 100

141 89.9 72.3 108.5

115 36.0 30.6 45.8



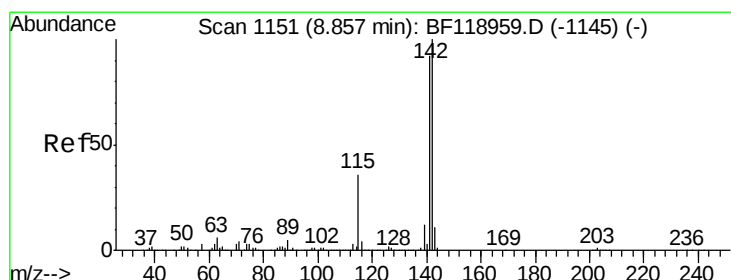
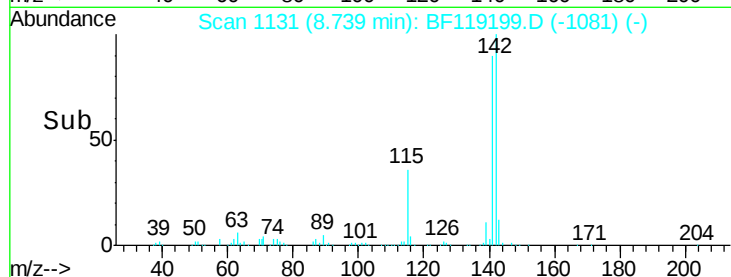
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.74

Time-->



#38

1-Methylnaphthalene

Concen: 43.836 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

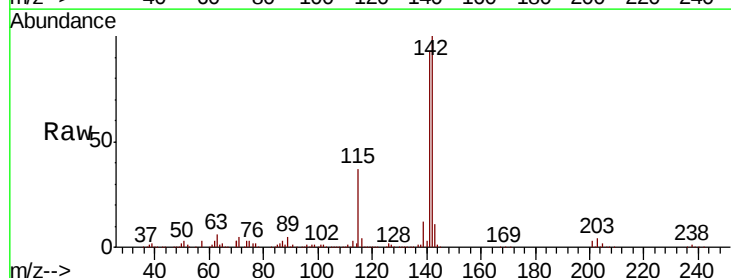
Tgt Ion:142 Resp: 720526

Ion Ratio Lower Upper

142 100

141 93.2 75.8 113.6

116 3.7 3.1 4.7



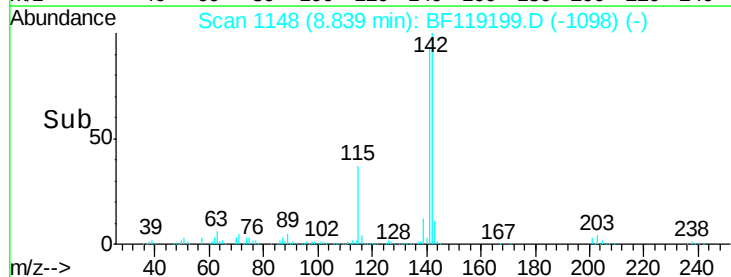
Abundance Ion 142.00 (141.70 to 142.70): E

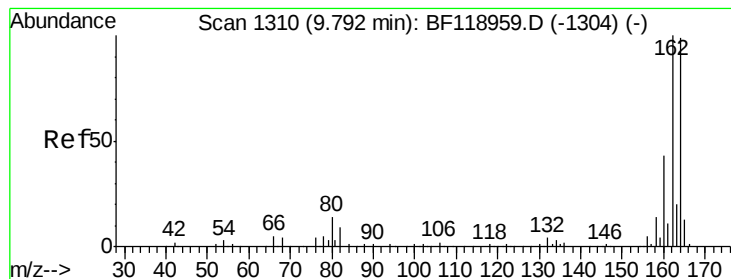
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.84

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

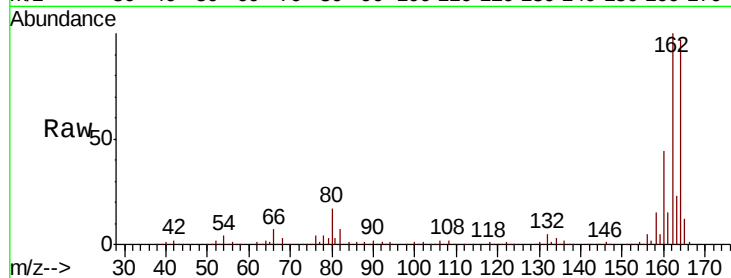
Tot Ion:164 Resp: 266395

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.8

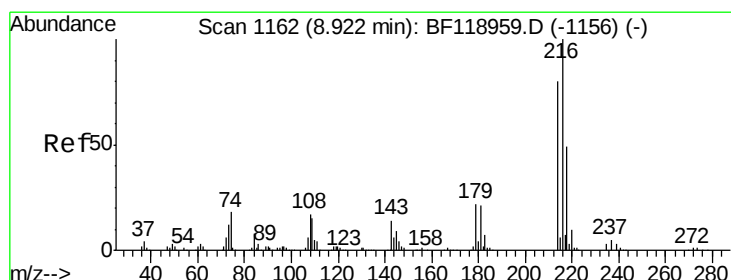
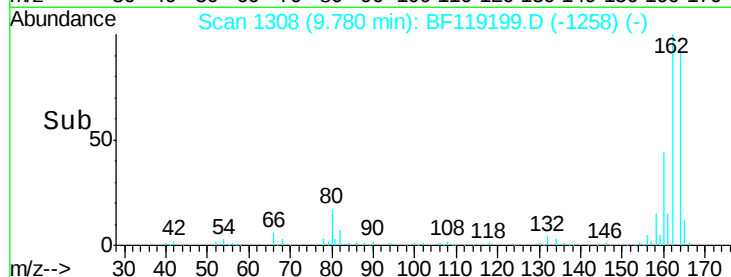
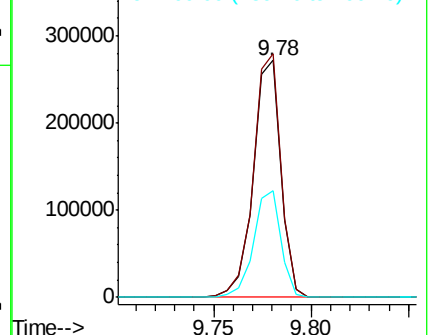
160 45.2 36.0 54.0



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: 42.627 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Tgt Ion:216 Resp: 382861

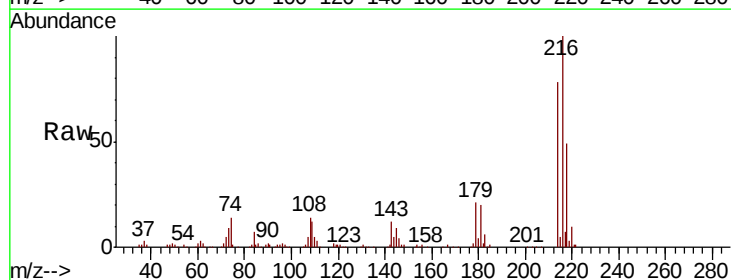
Ion Ratio Lower Upper

216 100

214 78.7 63.3 94.9

179 21.4 17.7 26.5

108 16.9 13.9 20.9

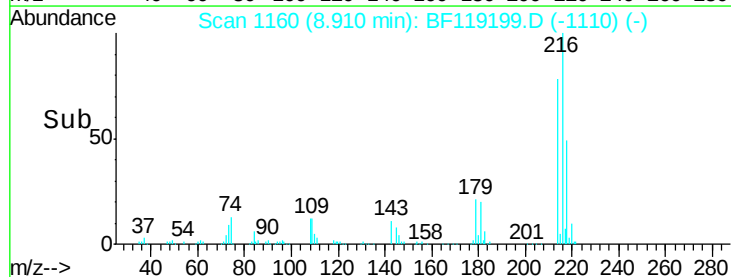
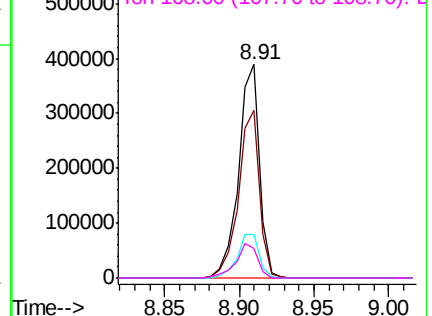


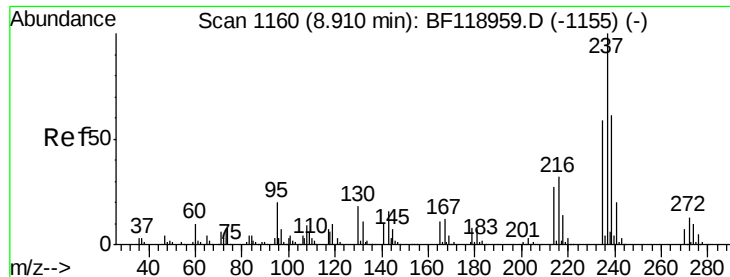
Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.213 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

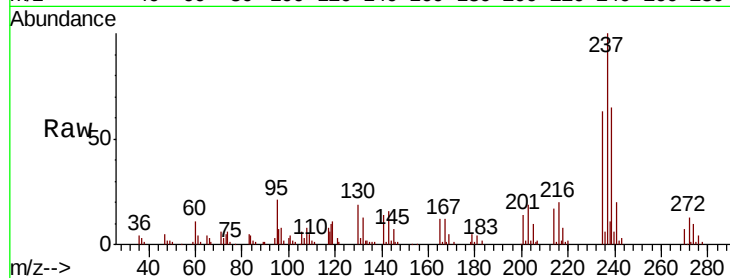
Tot Ion:237 Resp: 77118

Ion Ratio Lower Upper

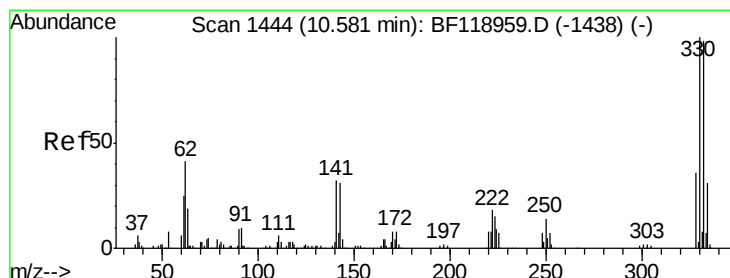
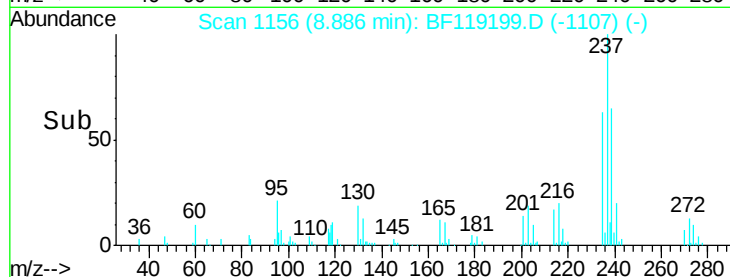
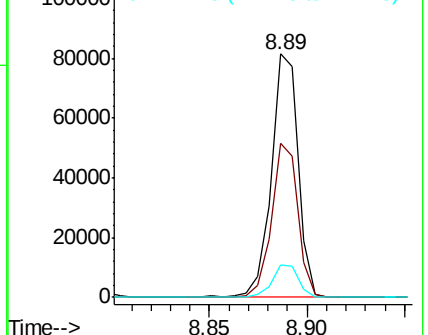
237 100

235 63.2 42.3 82.3

272 13.4 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: 97.362 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

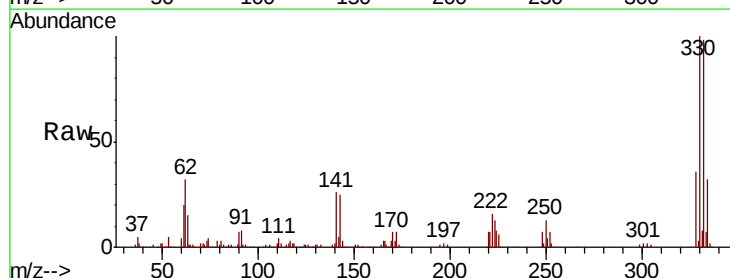
Tgt Ion:330 Resp: 339296

Ion Ratio Lower Upper

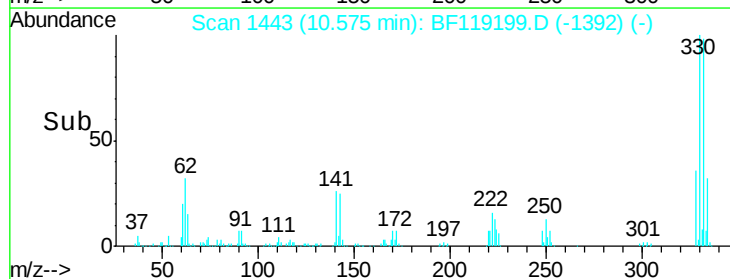
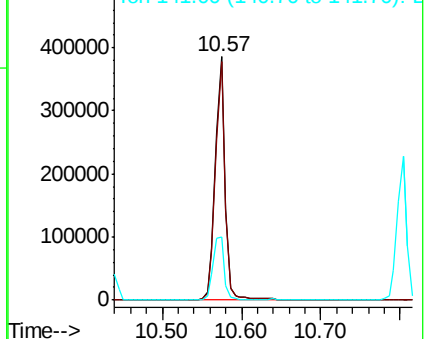
330 100

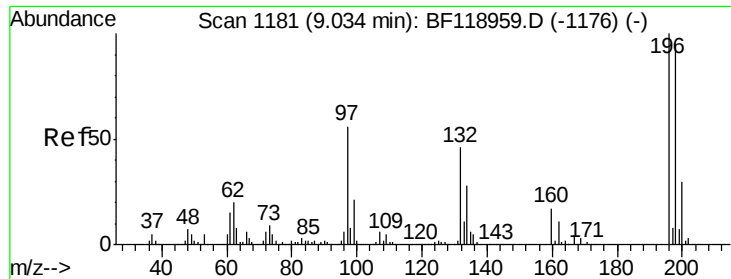
332 96.1 76.0 114.0

141 29.6 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

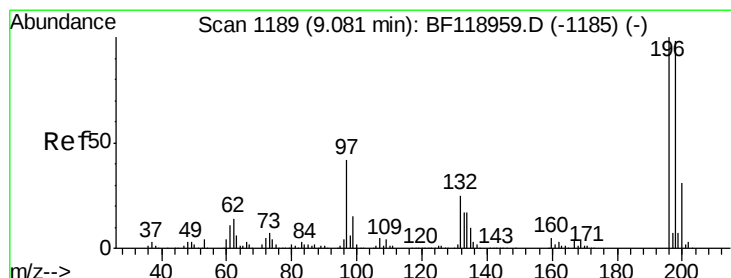
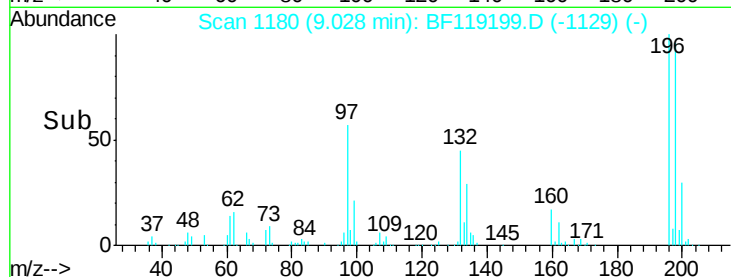
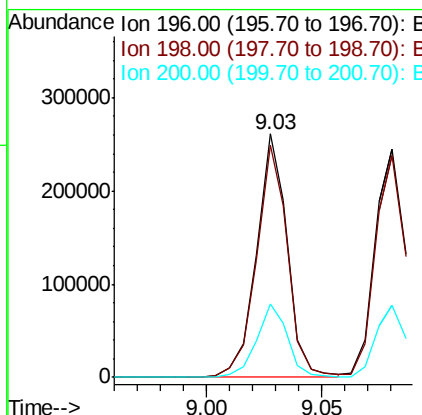
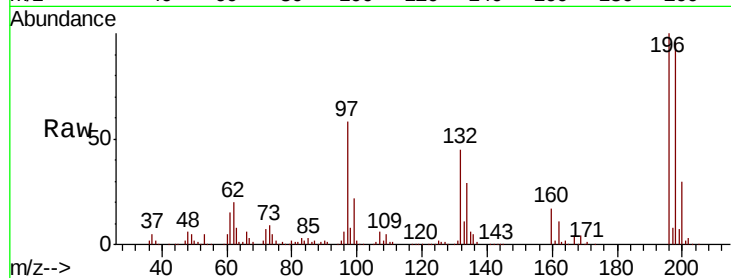




#43
 2,4,6-Trichlorophenol
 Concen: 42.820 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

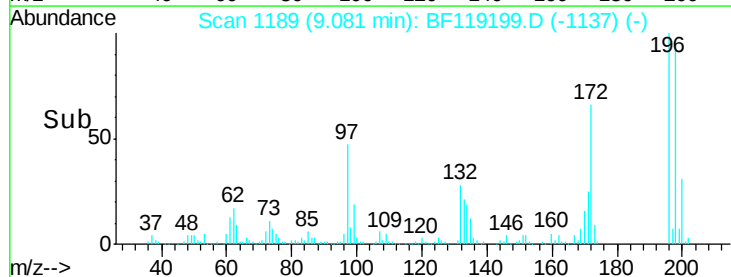
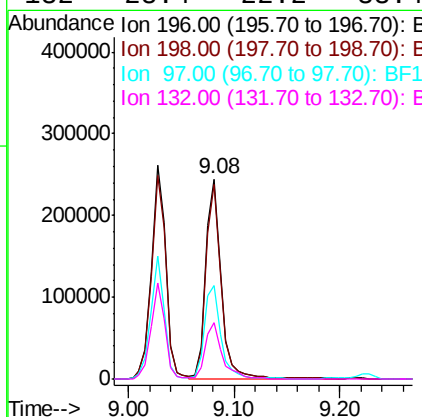
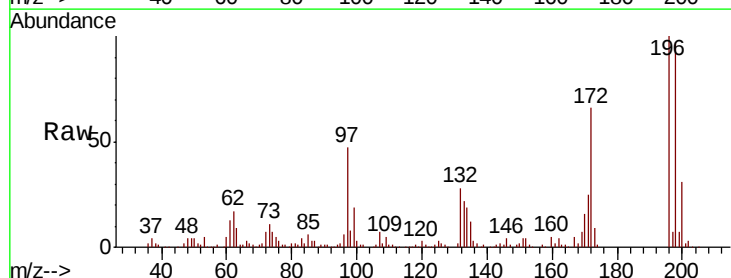
Instrument :
 BNA_F
 ClientSampleId :

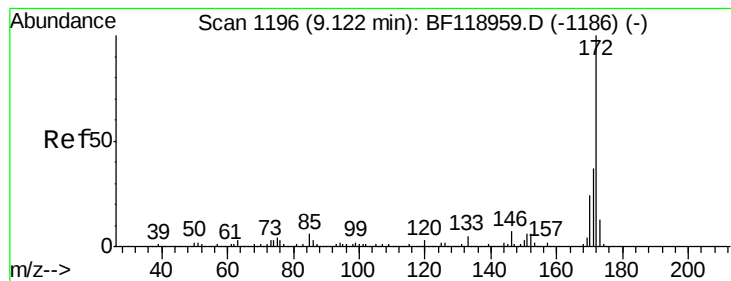
Tot Ion:196 Resp: 242870
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 30.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.703 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:196 Resp: 248211
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.8 115.2
 97 46.8 38.5 57.7
 132 28.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 75.570 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

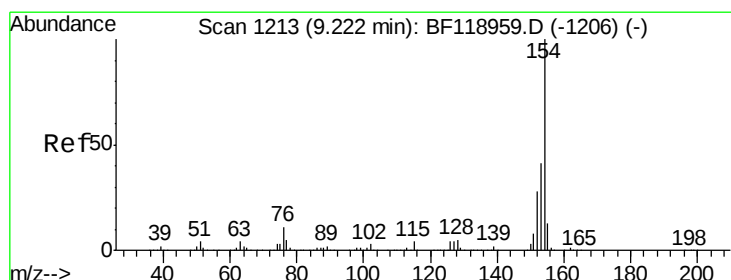
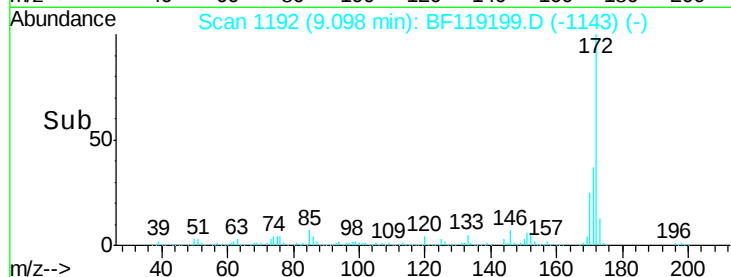
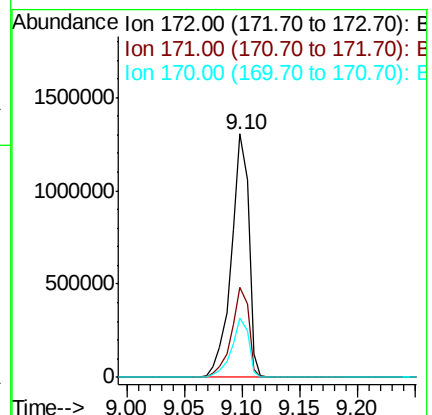
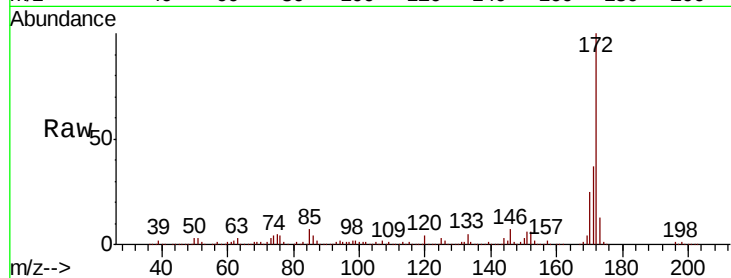
Tot Ion:172 Resp: 1366545

Ion Ratio Lower Upper

172 100

171 36.9 30.6 45.8

170 24.6 20.2 30.2



#46

1,1'-Biphenyl

Concen: 42.806 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

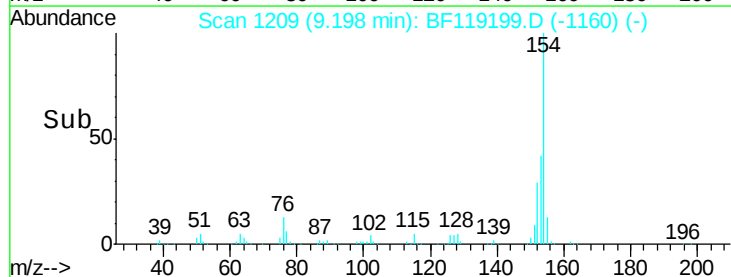
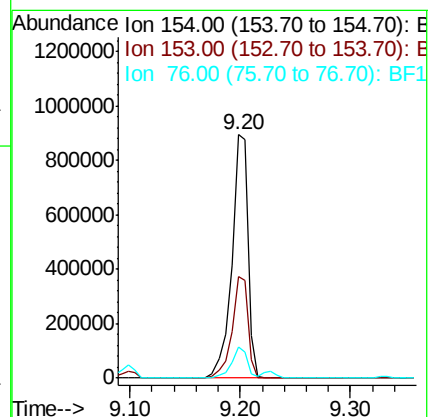
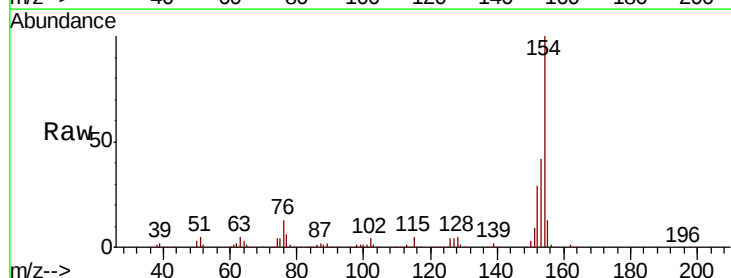
Tgt Ion:154 Resp: 921615

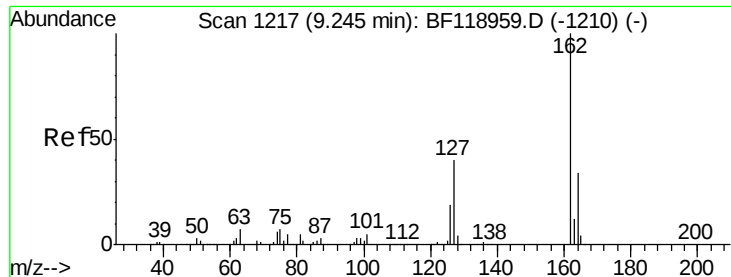
Ion Ratio Lower Upper

154 100

153 41.9 22.8 62.8

76 13.0 0.0 32.2

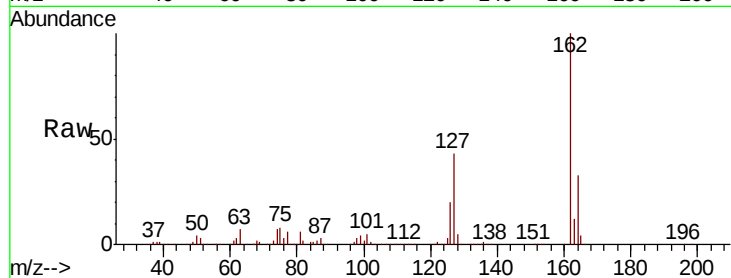




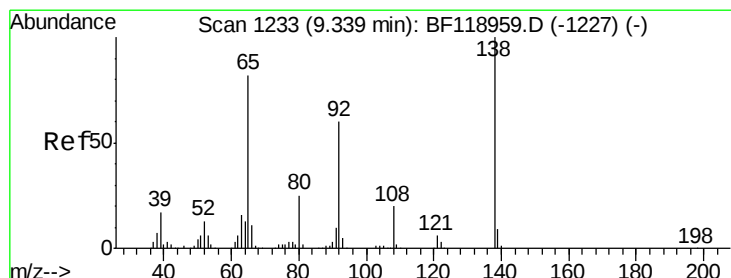
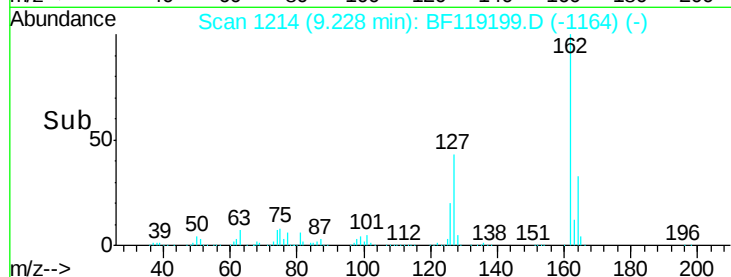
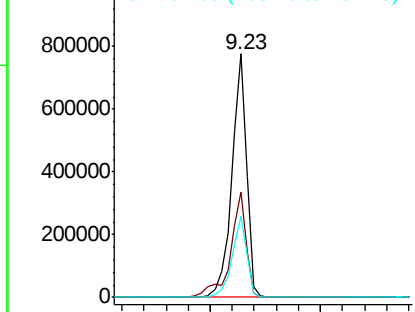
#47
 2-Chloronaphthalene
 Concen: 41.738 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	35.0	52.4
164	33.5	27.2	40.8

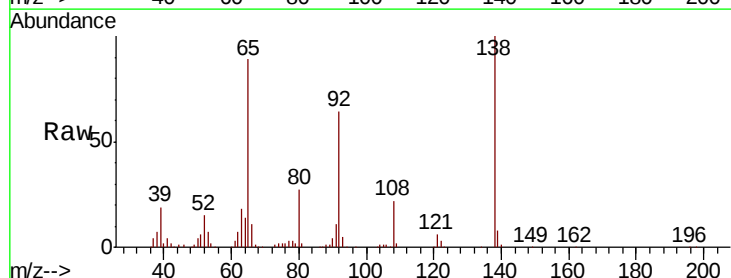


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

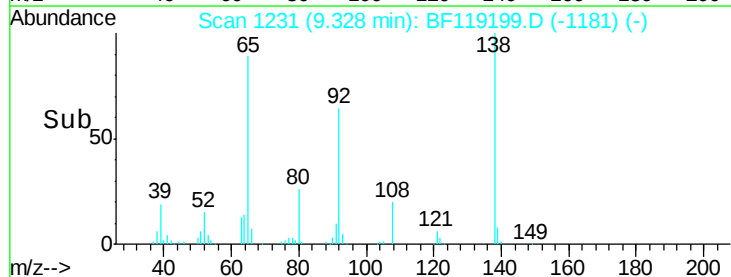
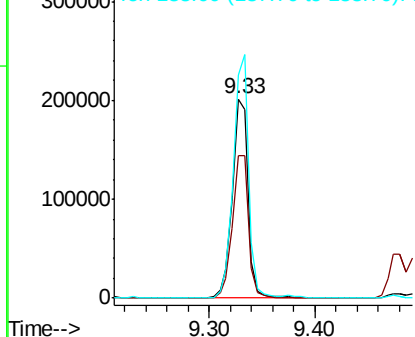


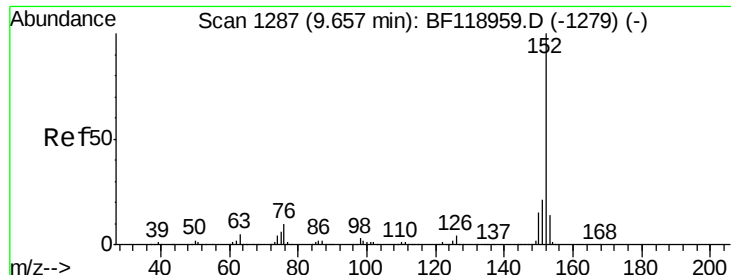
#48
 2-Nitroaniline
 Concen: 42.764 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	58.2	87.2
138	111.8	95.6	143.4



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





#49

Acenaphthylene

Concen: 43.796 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

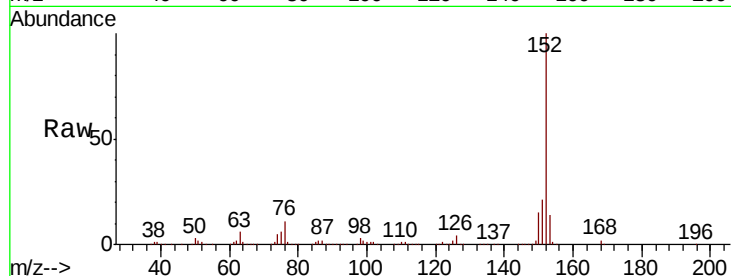
Tot Ion:152 Resp: 1097475

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

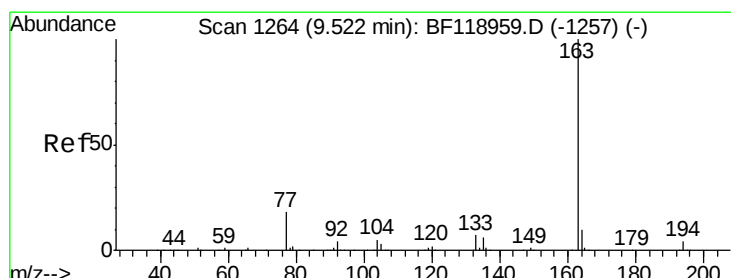
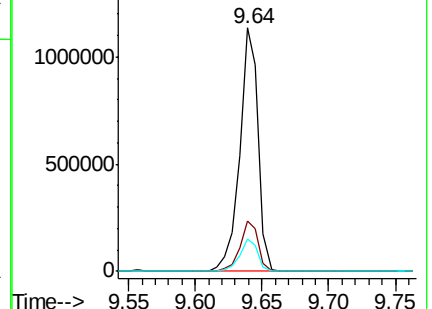
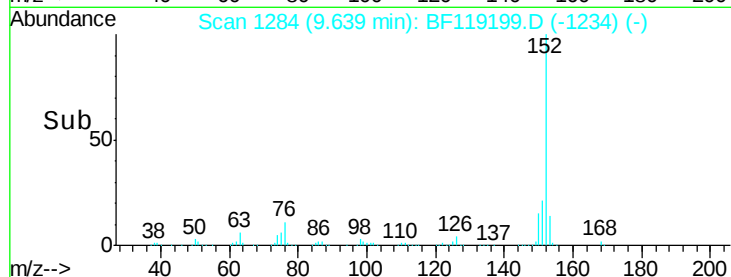
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.276 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

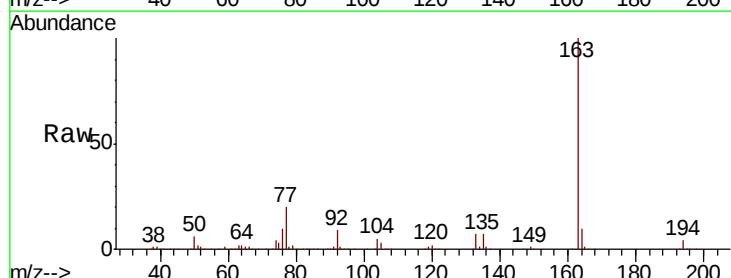
Tgt Ion:163 Resp: 983415

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

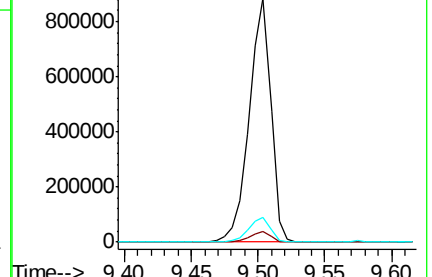
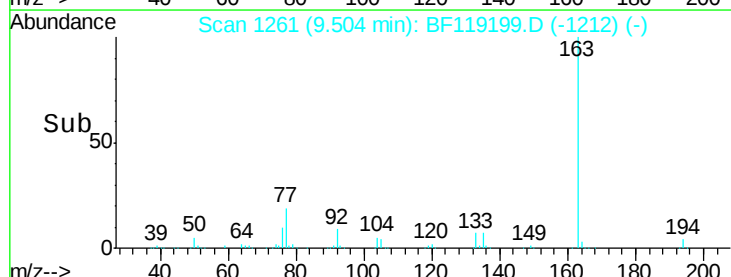
164 10.1 8.4 12.6

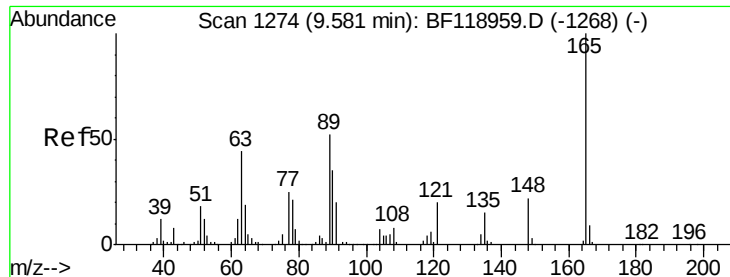


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.693 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

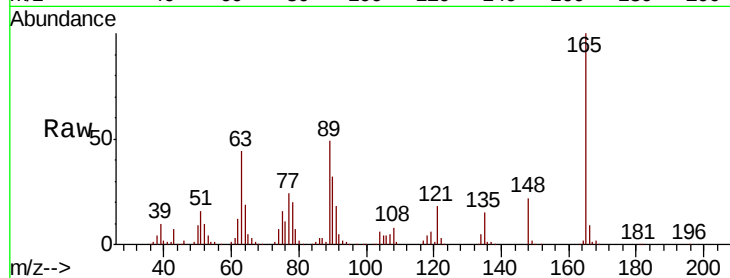
Tot Ion:165 Resp: 197743

Ion Ratio Lower Upper

165 100

63 43.7 34.3 51.5

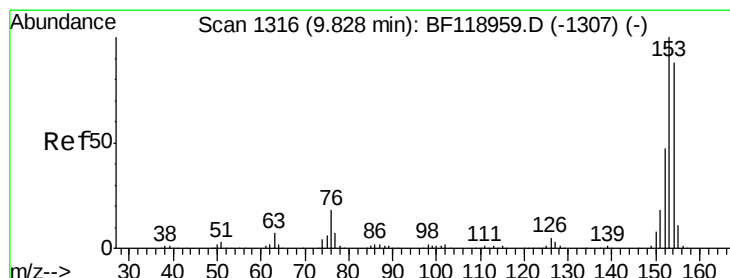
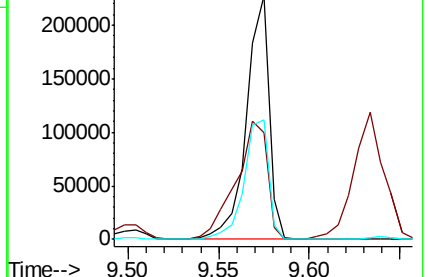
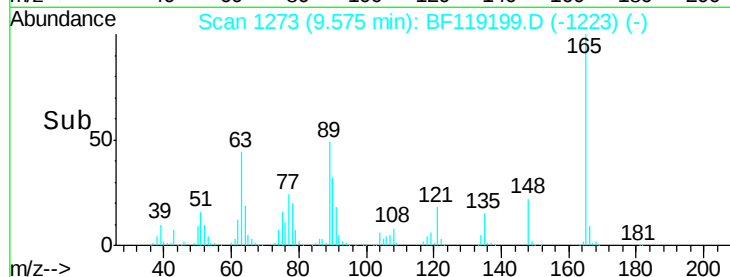
89 49.1 38.3 57.5



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



#52

Acenaphthene

Concen: 42.846 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

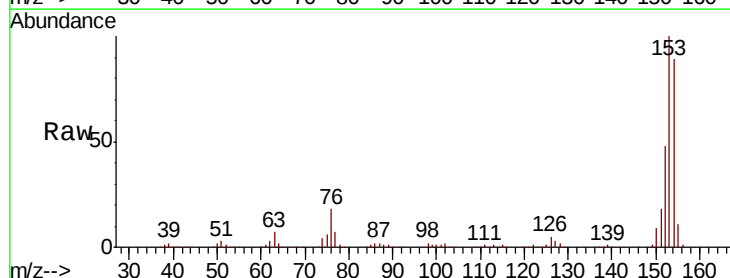
Tgt Ion:154 Resp: 647400

Ion Ratio Lower Upper

154 100

153 112.4 90.3 135.5

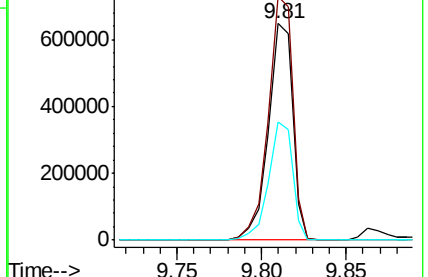
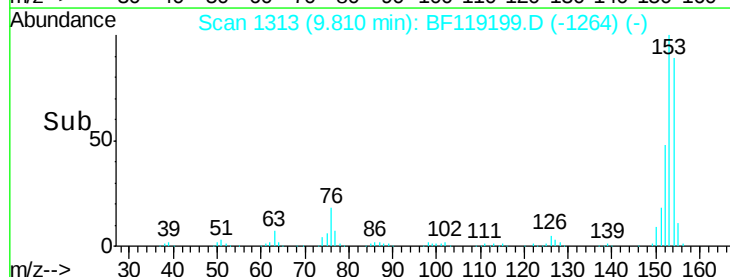
152 54.3 43.8 65.8

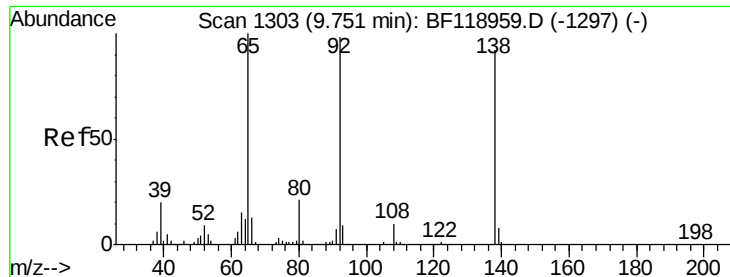


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

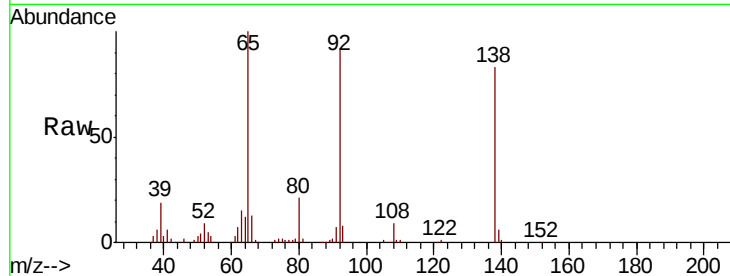




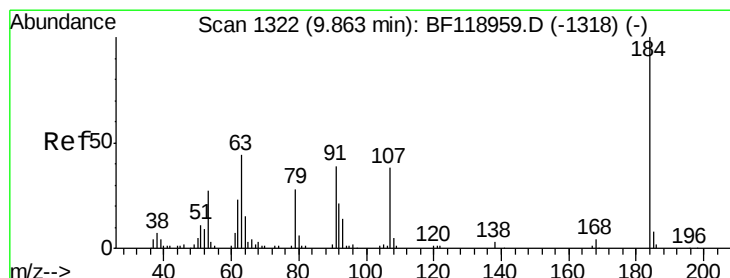
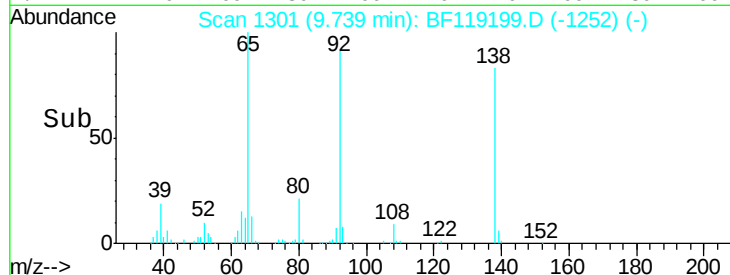
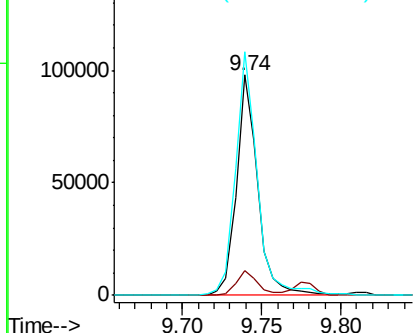
#53
3-Nitroaniline
Concen: 18.181 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91222
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 110.6 84.8 127.2

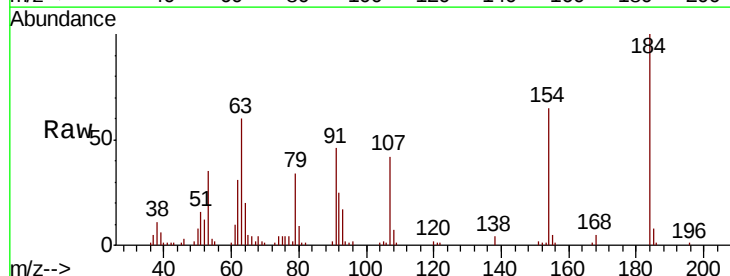


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

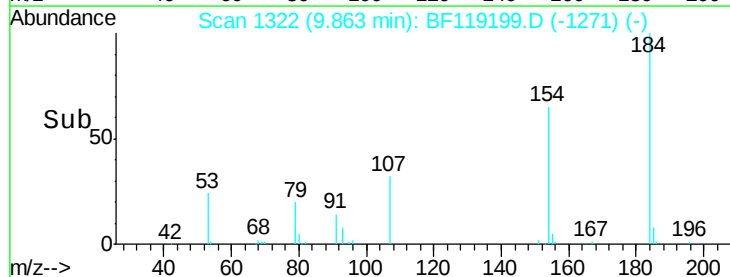
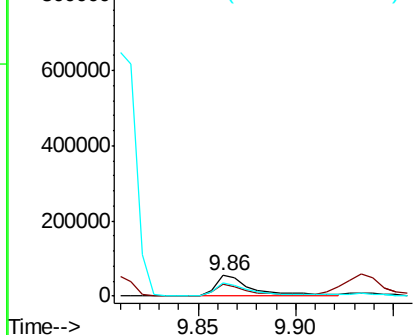


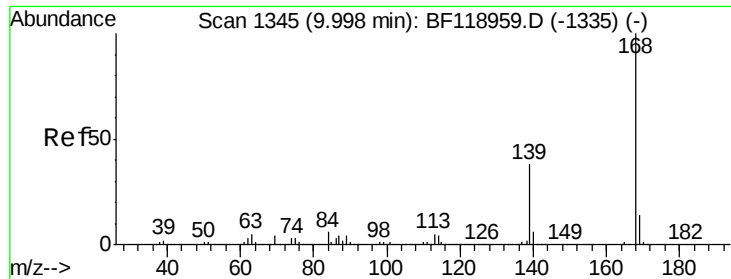
#54
2,4-Dinitrophenol
Concen: 37.718 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:184 Resp: 73380
Ion Ratio Lower Upper
184 100
63 59.6 38.7 58.1#
154 65.2 49.7 74.5



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

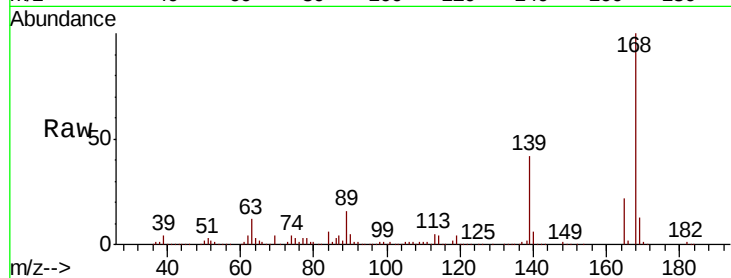




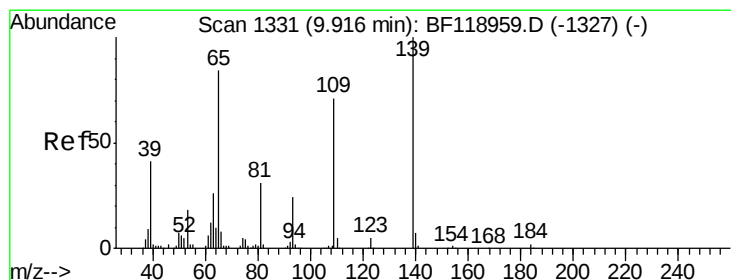
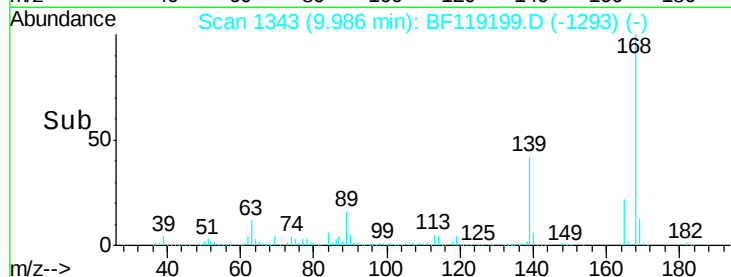
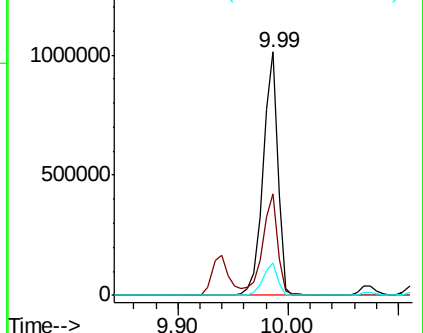
#55
Dibenzofuran
Concen: 42.348 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 955083
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 13.3 11.0 16.4

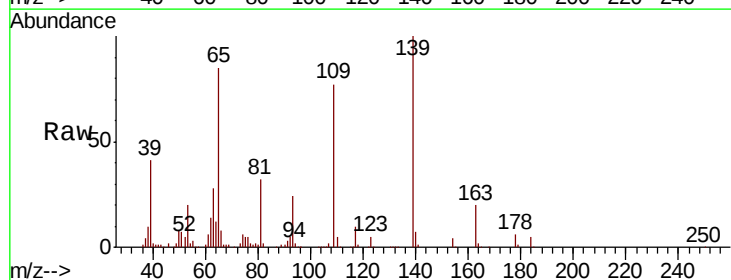


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

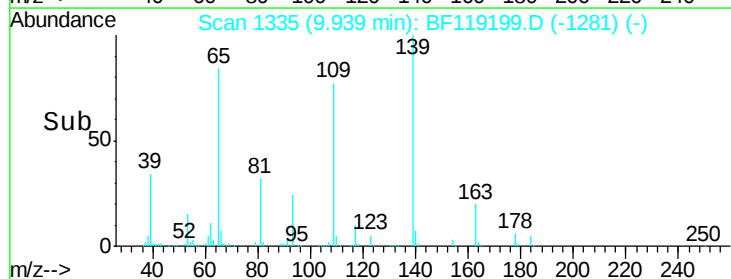
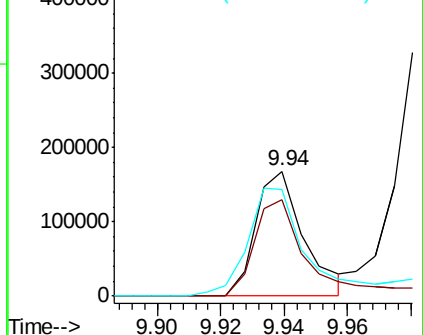


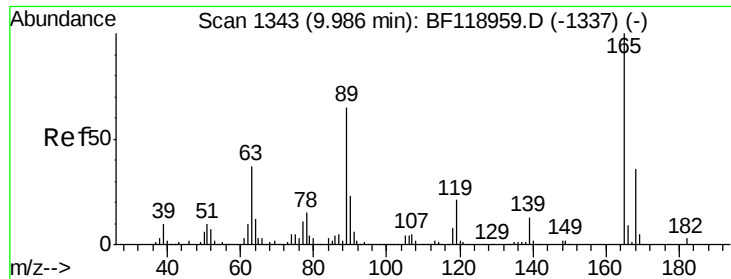
#56
4-Nitrophenol
Concen: 58.694 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:139 Resp: 176935
Ion Ratio Lower Upper
139 100
109 77.2 56.7 96.7
65 85.4 65.0 105.0



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

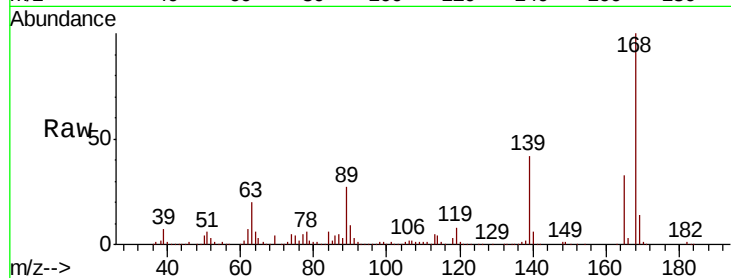




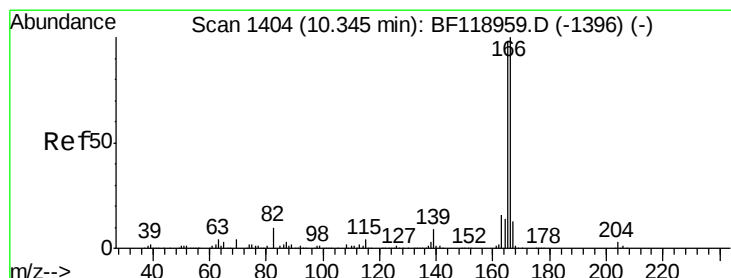
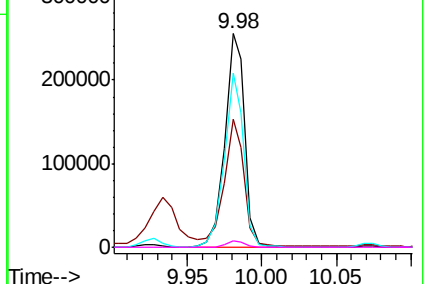
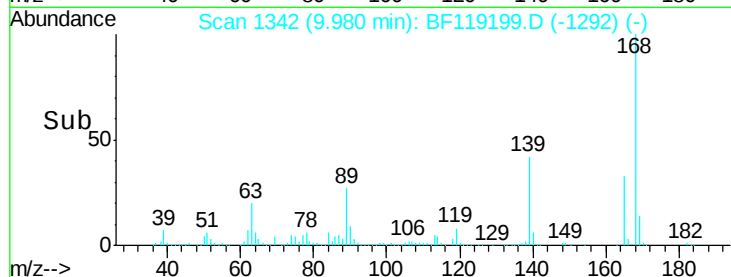
#57
 2,4-Dinitrotoluene
 Concen: 41.172 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	241528
Ion Ratio	Lower	Upper
165	100	
63	59.8	42.3 63.5
89	81.4	60.2 90.4
182	3.1	2.3 3.5

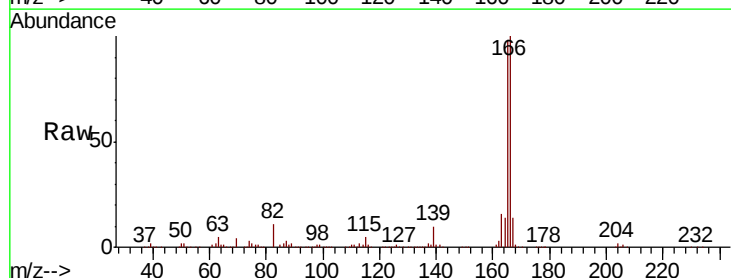


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

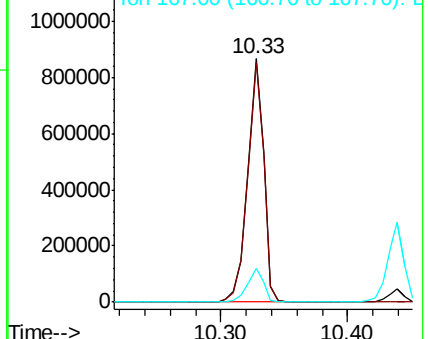
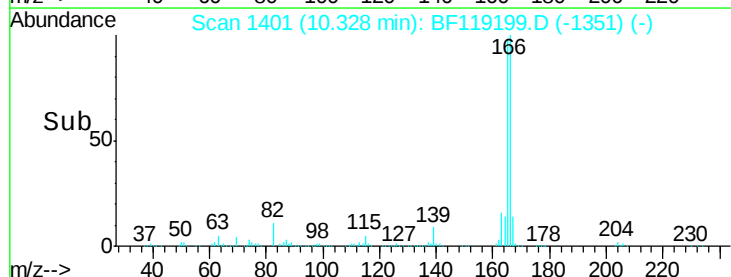


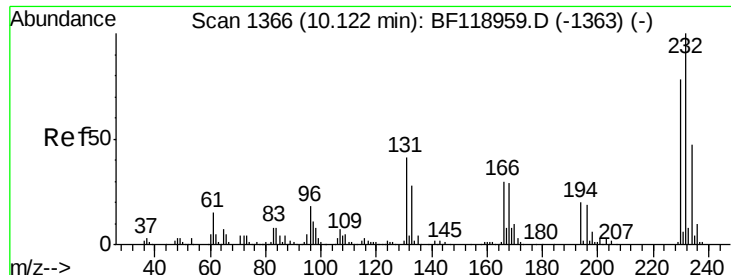
#58
 Fluorene
 Concen: 43.415 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:166	Resp:	760845
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.5 117.7
167	13.6	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

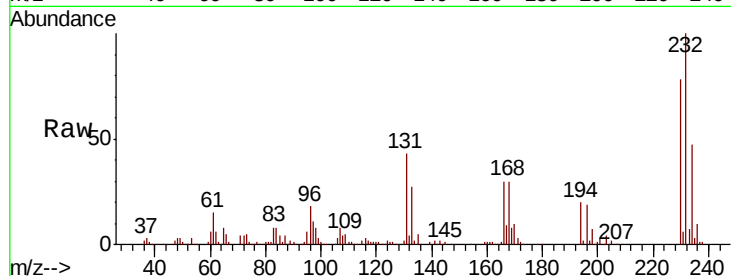




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.281 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.8	50.8
130	2.1	1.8	2.6
166	28.8	23.0	34.4



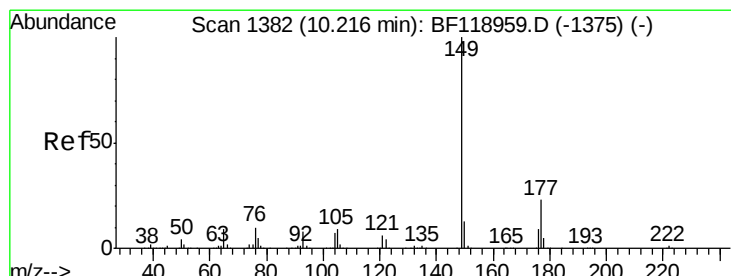
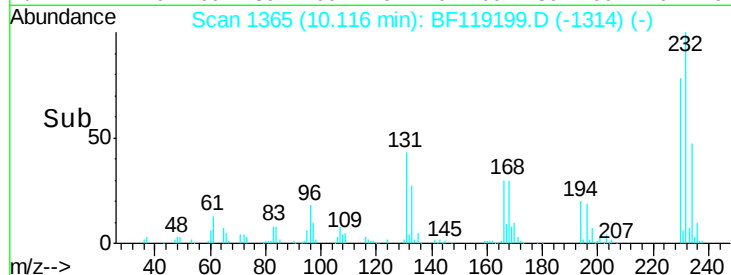
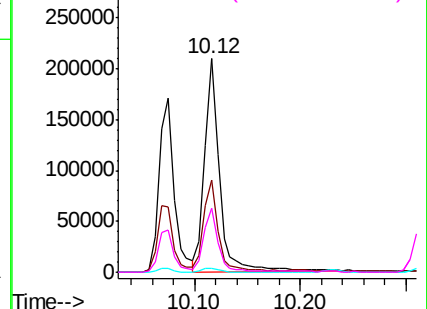
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

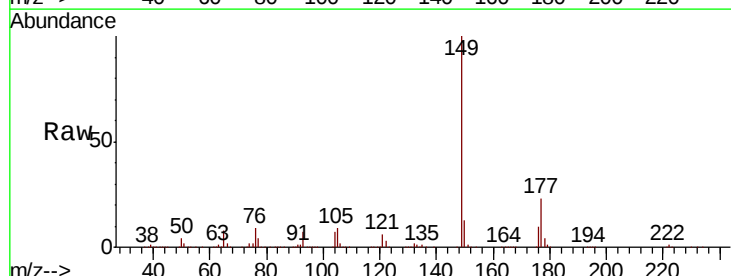
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.744 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	12.5	10.5	15.7

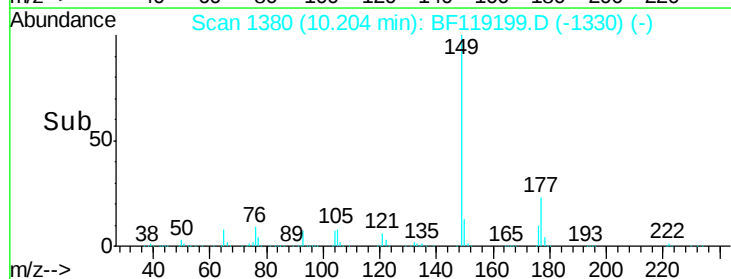
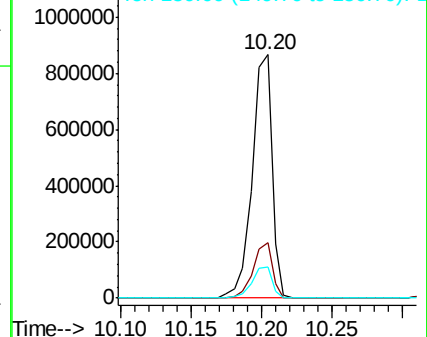


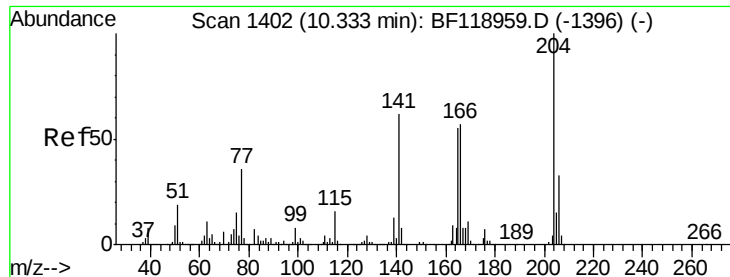
Abundance

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

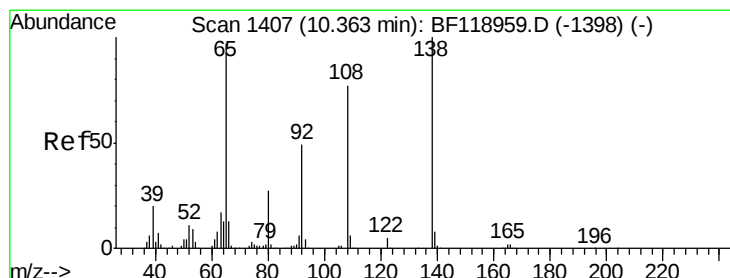
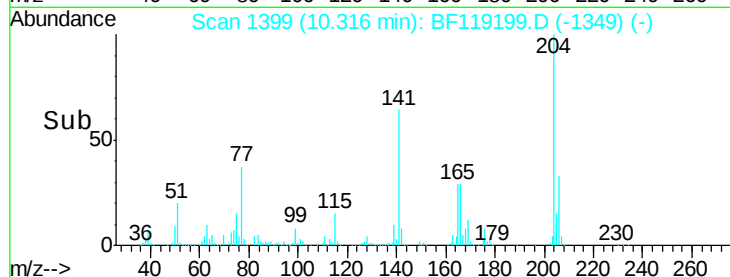
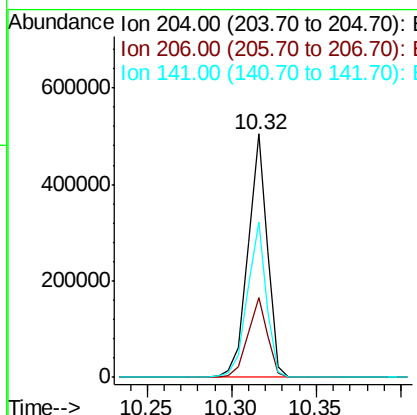
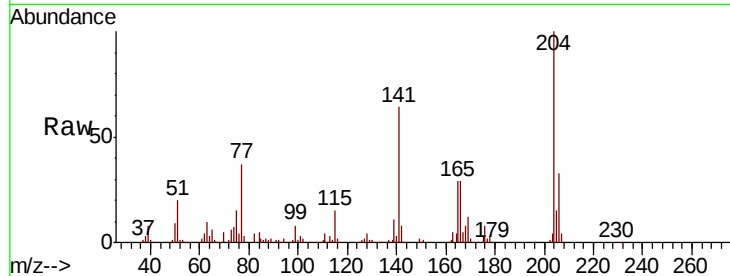




#61
 4-Chlorophenyl-phenylether
 Concen: 43.703 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

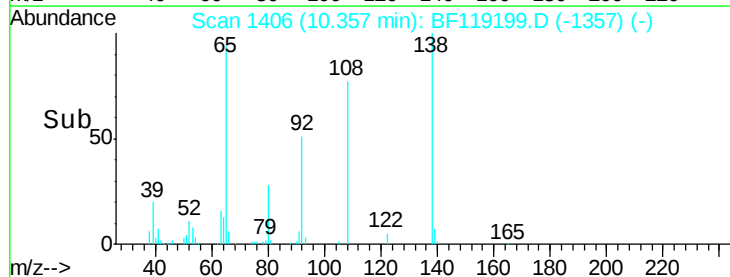
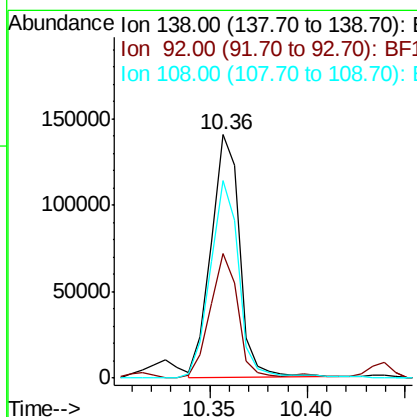
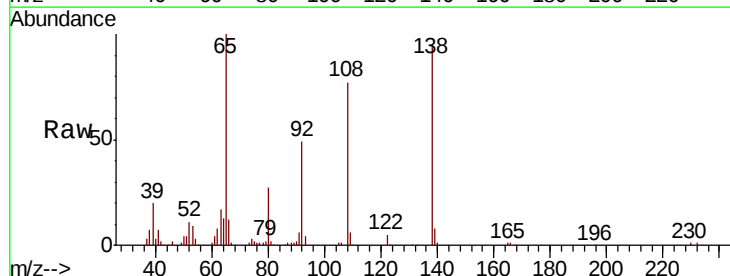
Instrument :
 BNA_F
 ClientSampleId :

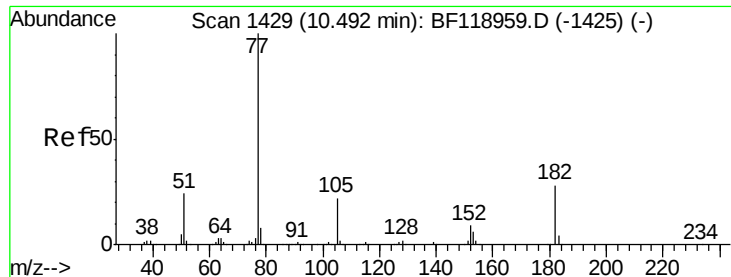
Tot Ion:	204	Resp:	405402
Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.1	40.7
141	63.7	52.9	79.3



#62
 4-Nitroaniline
 Concen: 27.652 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:	138	Resp:	141948
Ion	Ratio	Lower	Upper
138	100		
92	51.3	27.3	67.3
108	81.4	57.0	97.0

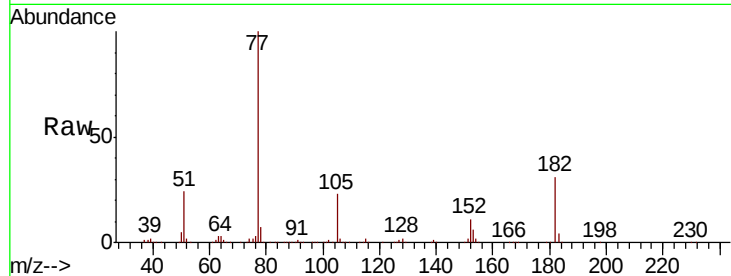




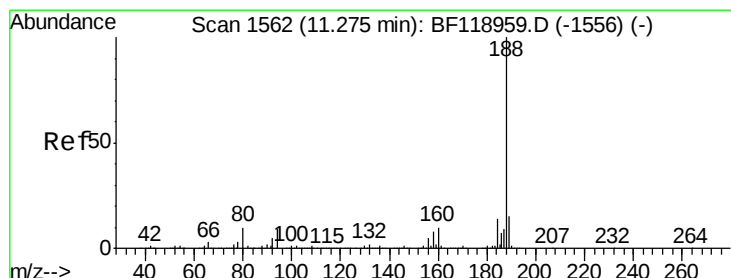
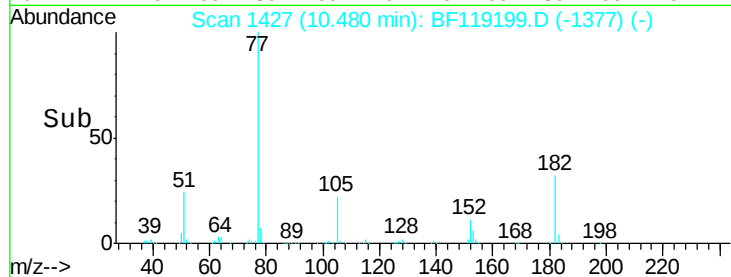
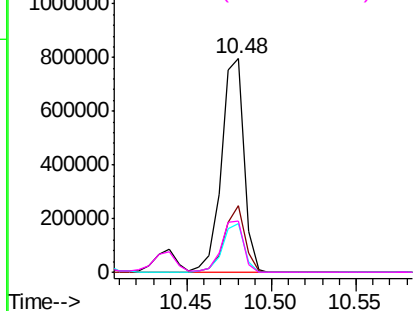
#63
Azobenzene
Concen: 43.977 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	733812
Ion	Ratio	Lower	Upper
77	100		
182	31.4	11.4	51.4
105	23.0	3.4	43.4
51	23.8	5.1	45.1

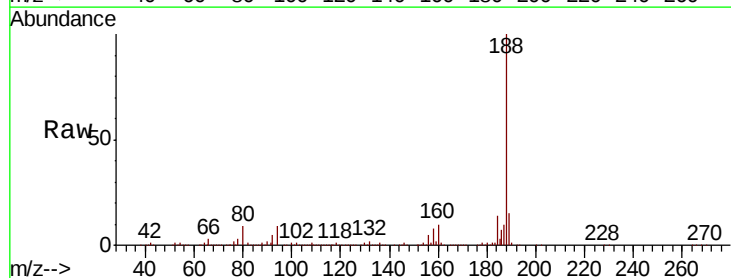


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

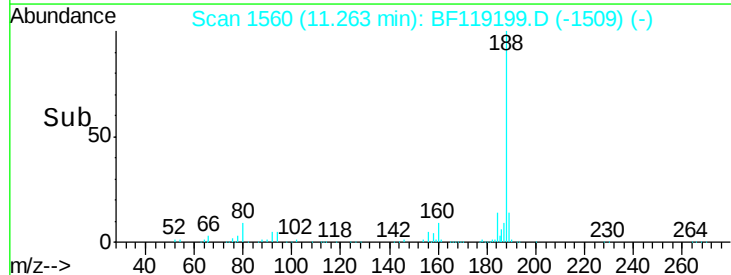
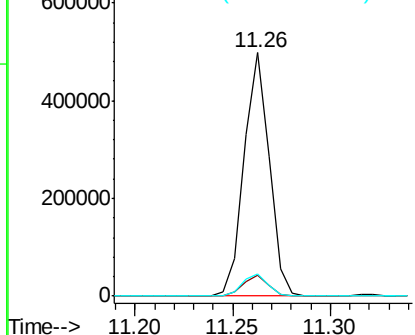


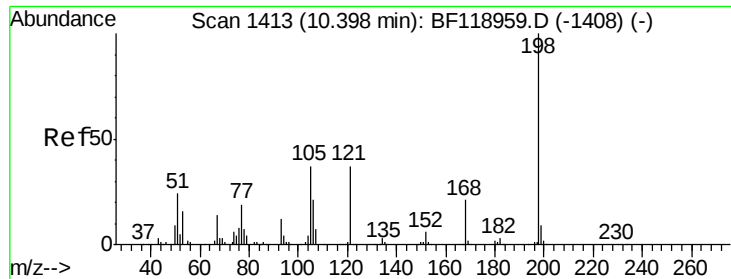
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:	188	Resp:	446320
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.3	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

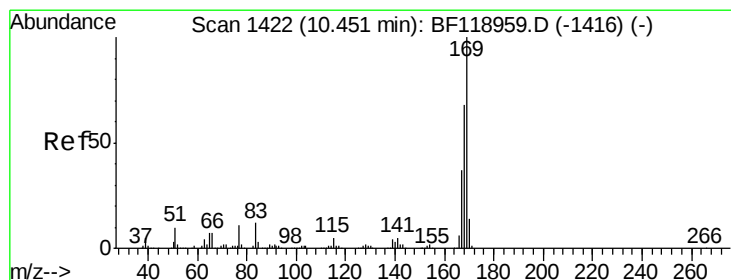
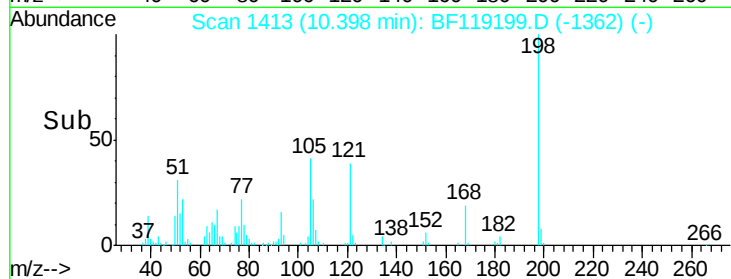
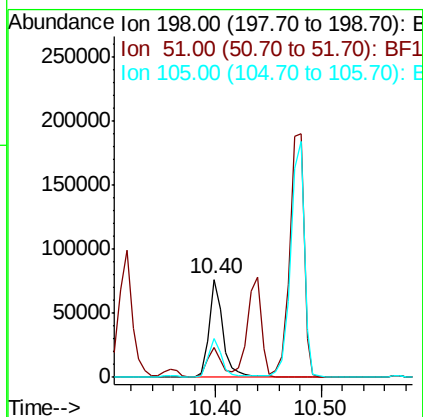
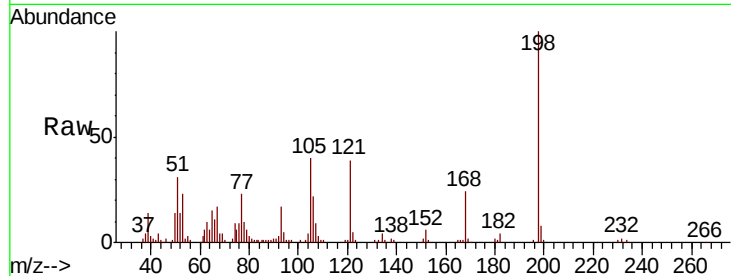




#65
4,6-Dinitro-2-methylphenol
Concen: 26.467 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

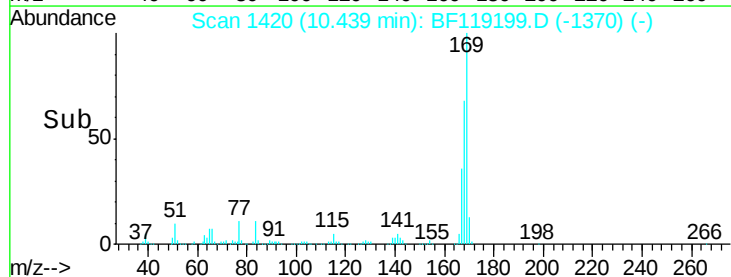
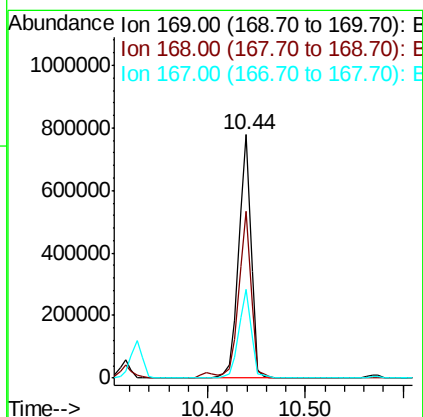
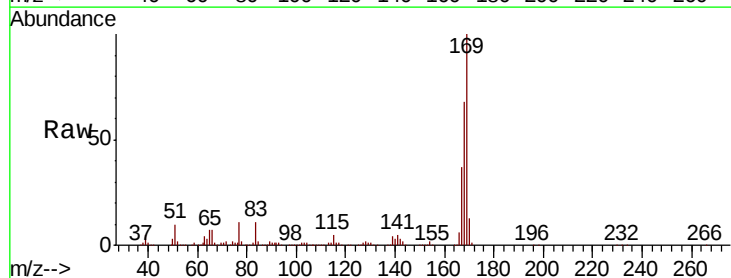
Instrument :
BNA_F
ClientSampleId :

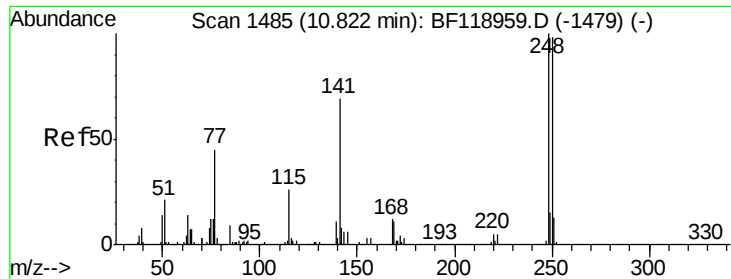
Tot Ion:198 Resp: 71480
Ion Ratio Lower Upper
198 100
51 30.9 14.2 54.2
105 40.2 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 47.146 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:169 Resp: 688999
Ion Ratio Lower Upper
169 100
168 68.4 54.1 81.1
167 36.6 29.4 44.0

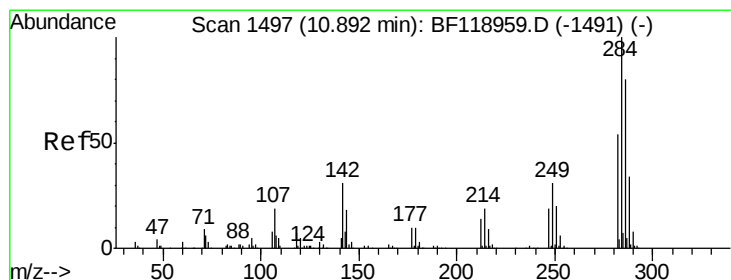
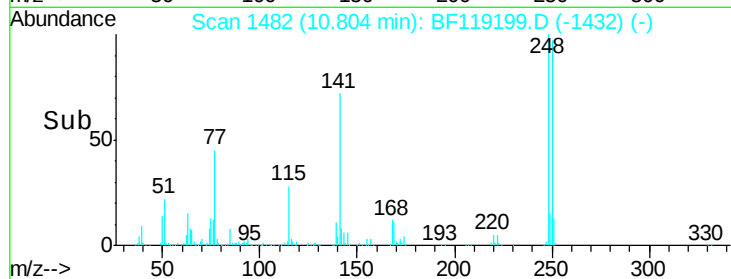
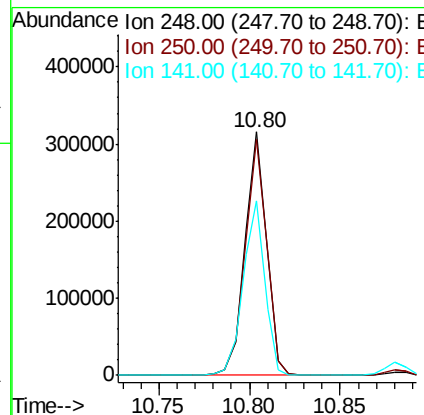
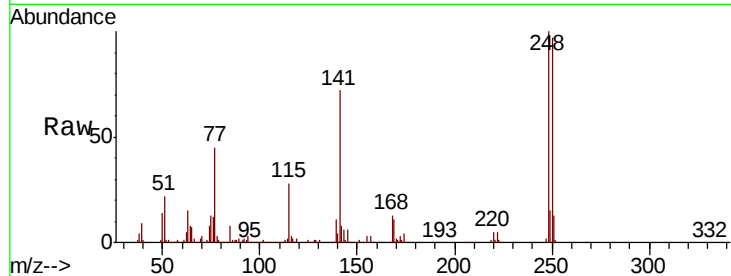




#67
4-Bromophenyl-phenylether
Concen: 44.527 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

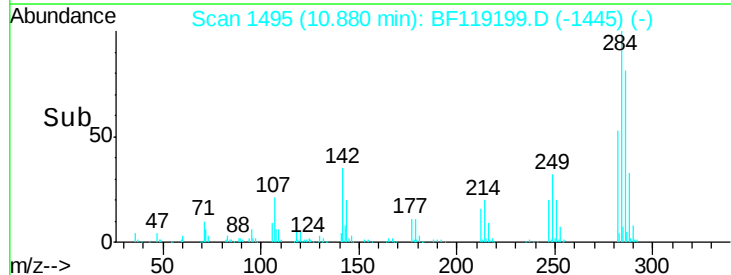
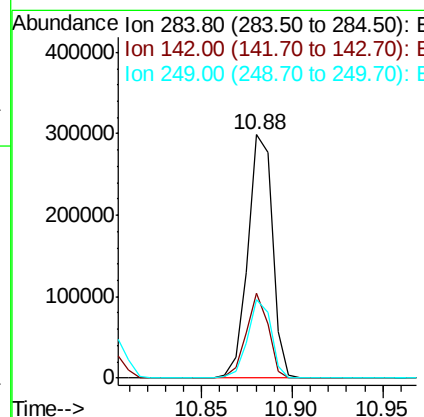
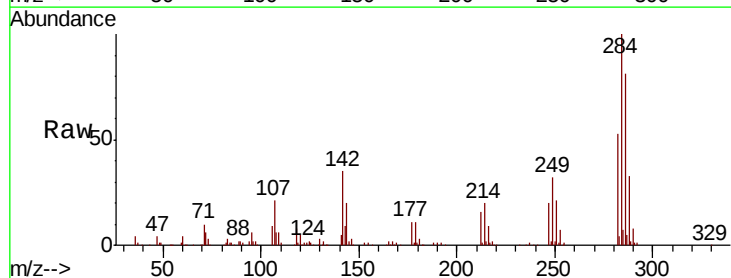
Instrument :
BNA_F
ClientSampleId :

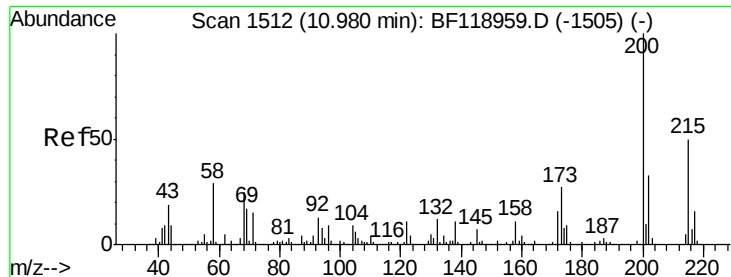
Tot Ion:248 Resp: 259767
Ion Ratio Lower Upper
248 100
250 96.7 76.7 115.1
141 71.9 60.7 91.1



#68
Hexachlorobenzene
Concen: 41.898 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:284 Resp: 281817
Ion Ratio Lower Upper
284 100
142 34.8 23.7 35.5
249 32.1 25.0 37.6

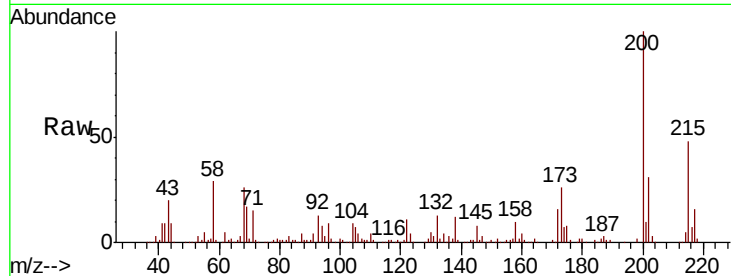




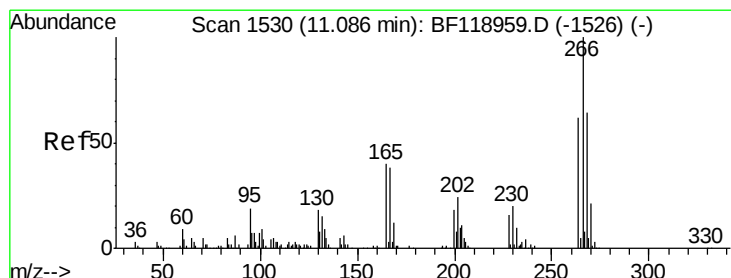
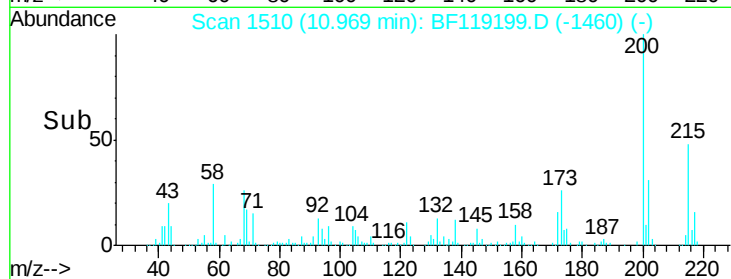
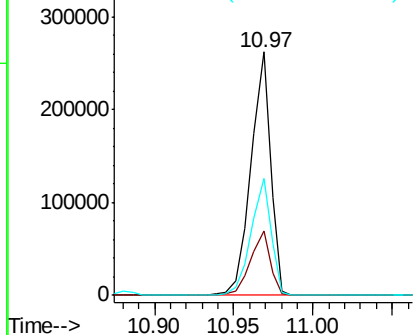
#69
Atrazine
Concen: 44.457 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.4	46.4
215	48.1	27.4	67.4

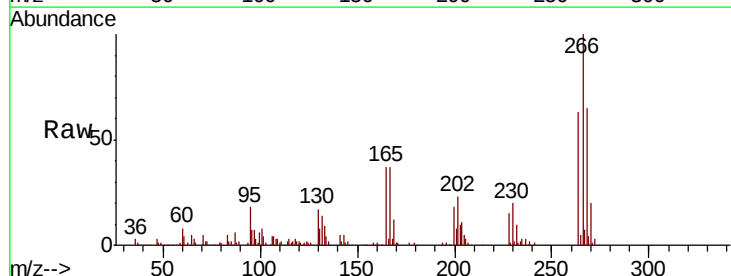


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

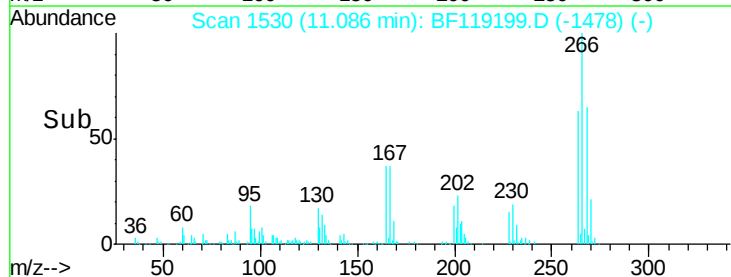
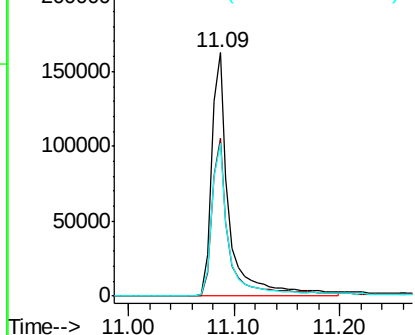


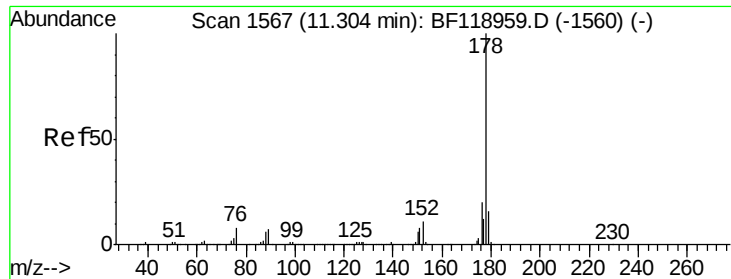
#70
Pentachlorophenol
Concen: 70.368 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.9	77.9
264	62.9	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: 42.805 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

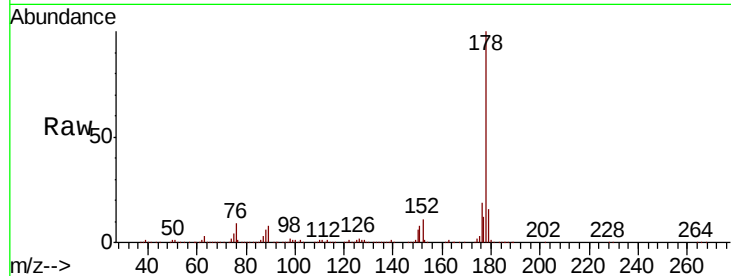
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1041888

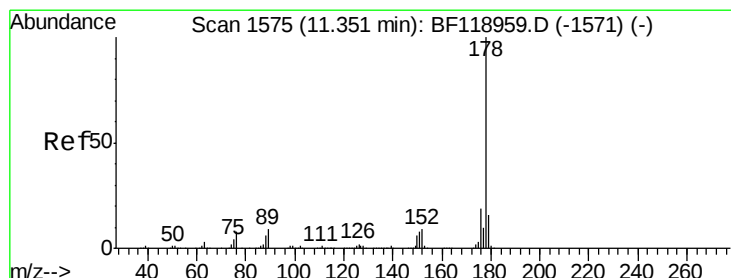
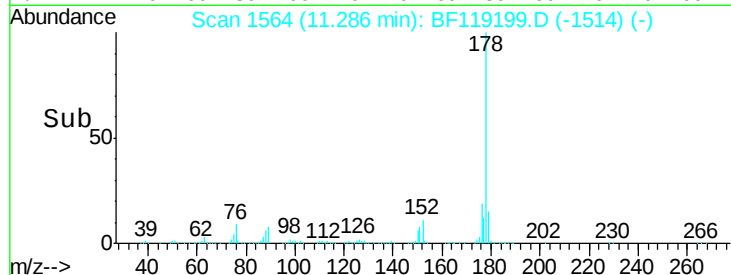
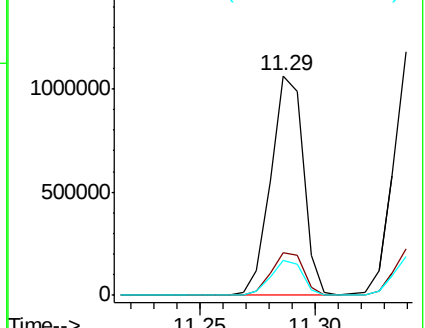
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.5	24.7
179	16.0	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.612 ng

RT: 11.34 min Scan# 1573

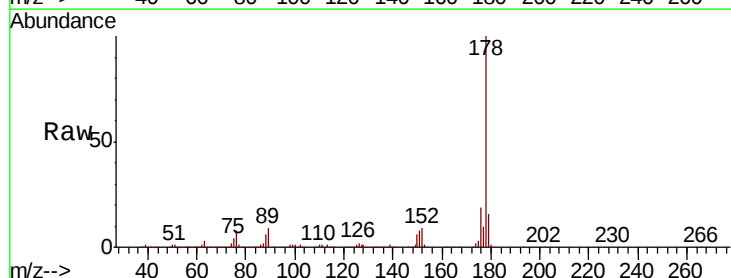
Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Tgt Ion:178 Resp: 1084969

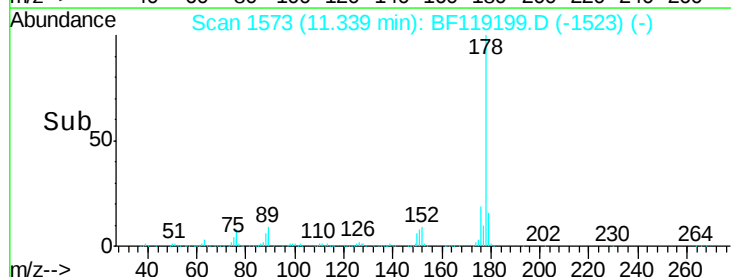
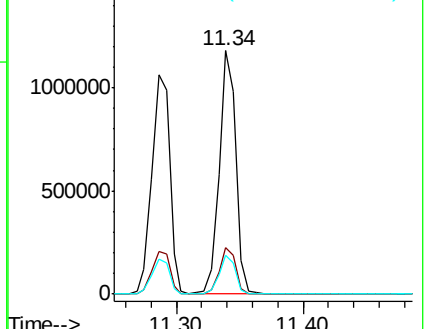
Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.0	13.1	19.7

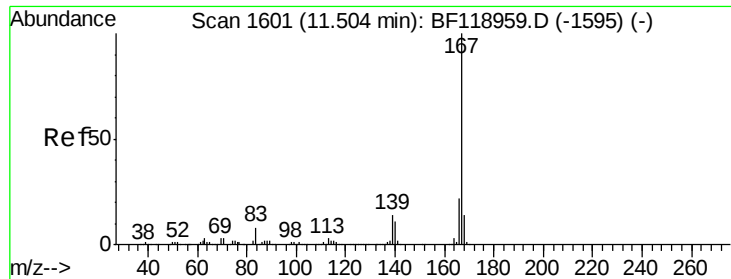


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.626 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

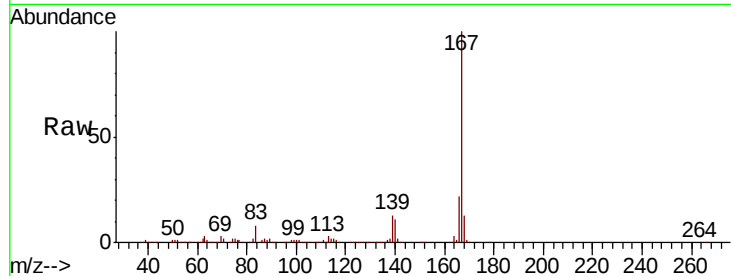
Tot Ion:167 Resp: 901863

Ion Ratio Lower Upper

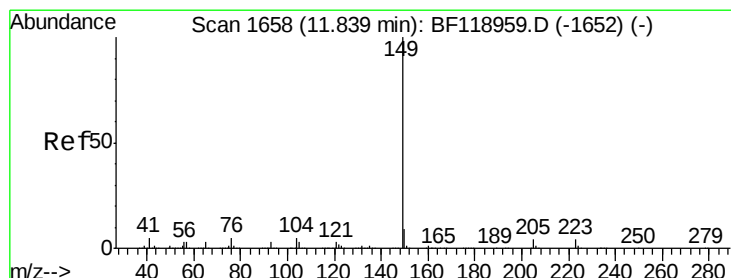
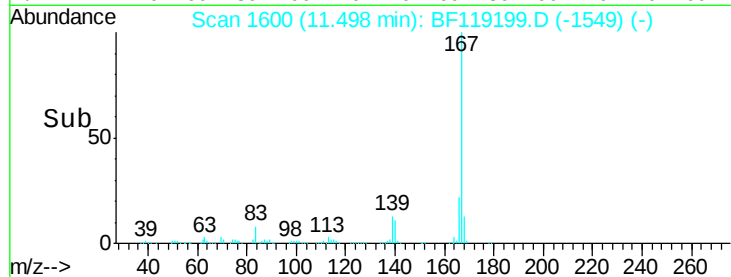
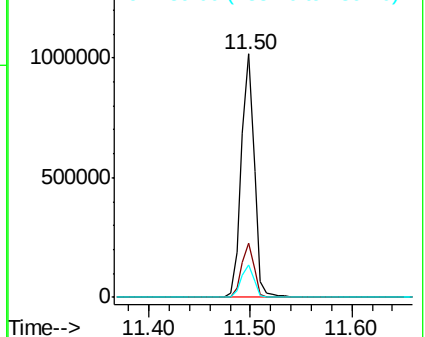
167 100

166 22.1 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: 46.875 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

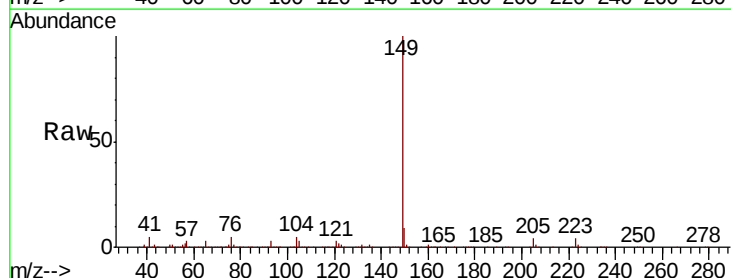
Tgt Ion:149 Resp: 1229889

Ion Ratio Lower Upper

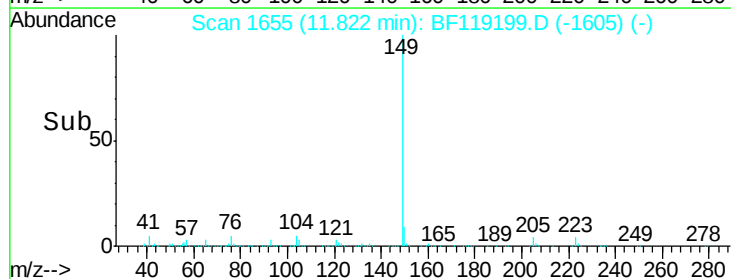
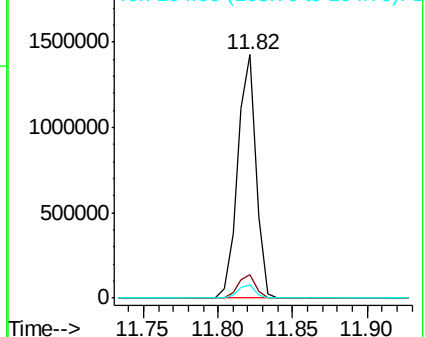
149 100

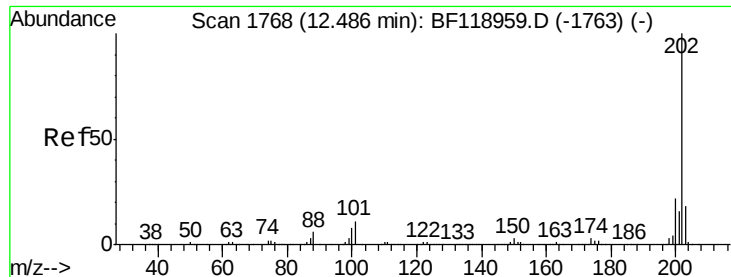
150 9.5 7.9 11.9

104 5.3 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

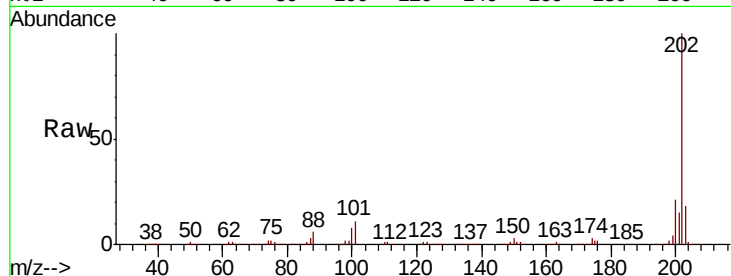




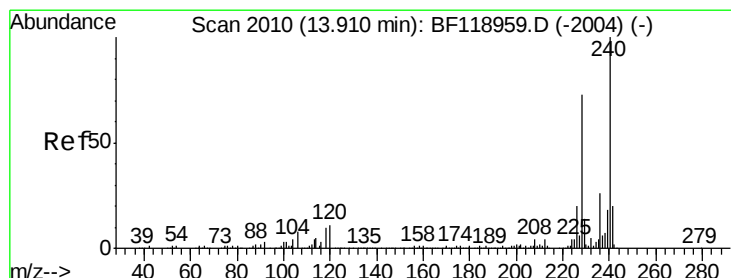
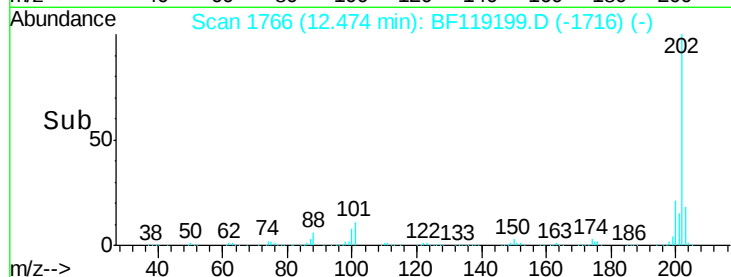
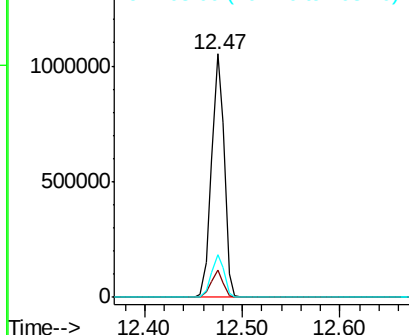
#75
 Fluoranthene
 Concen: 36.860 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	17.7	0.0	38.4

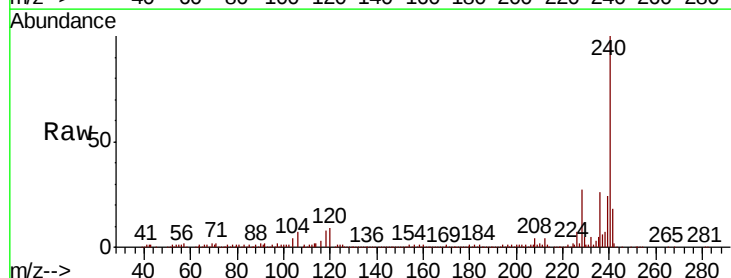


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

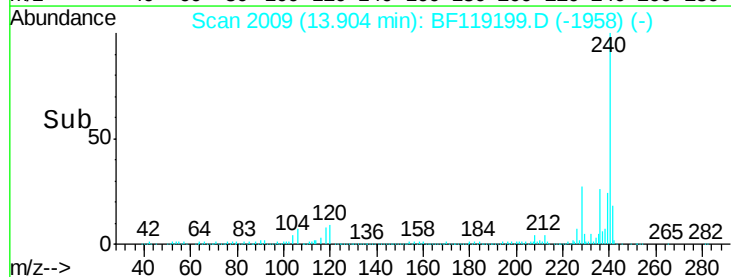
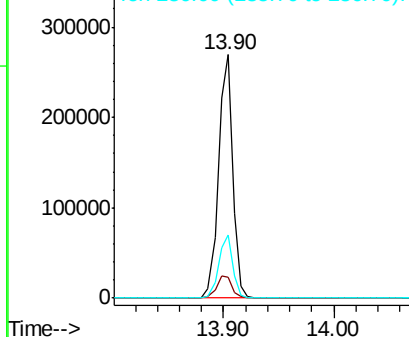


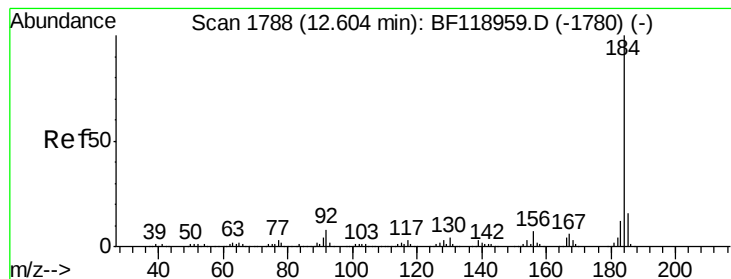
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	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: 53.886 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

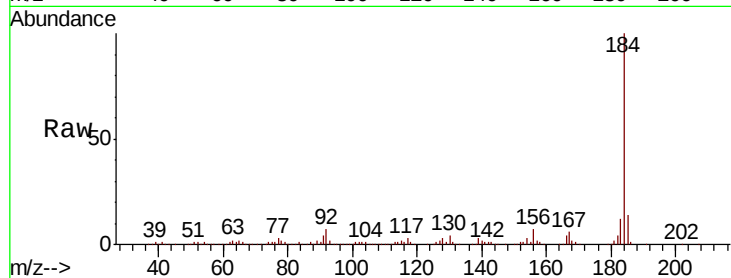
Tot Ion:184 Resp: 530343

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

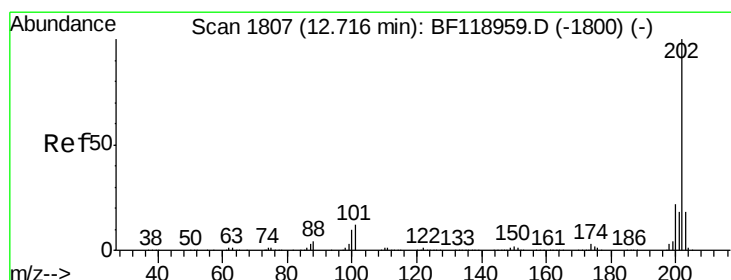
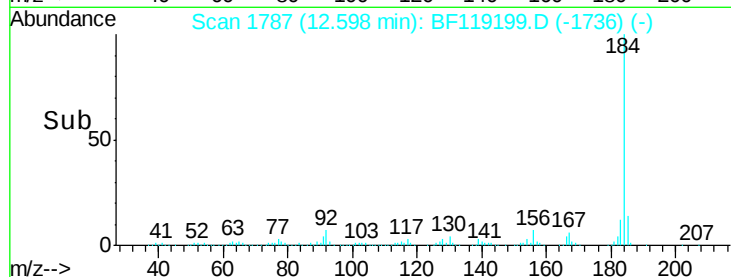
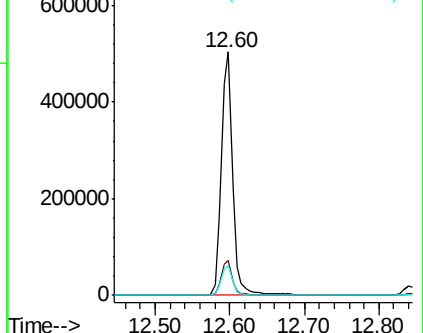
183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.287 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

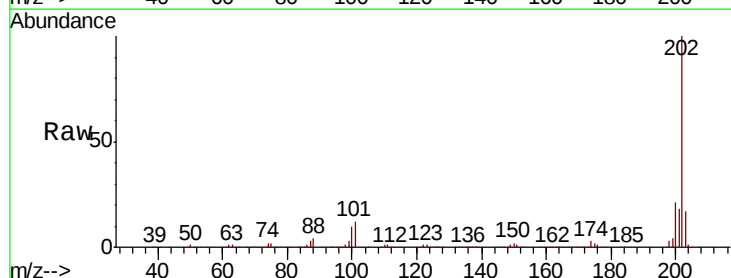
Tgt Ion:202 Resp: 918882

Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

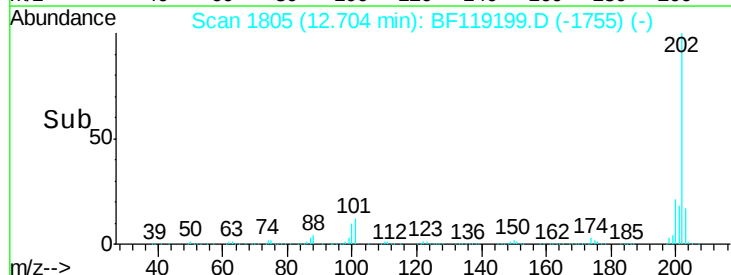
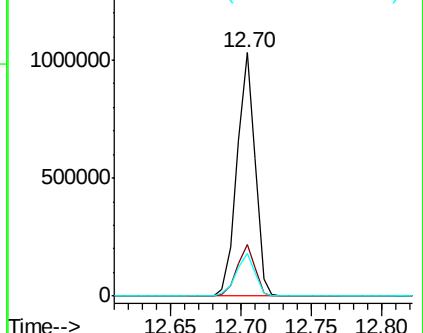
203 17.5 14.6 22.0

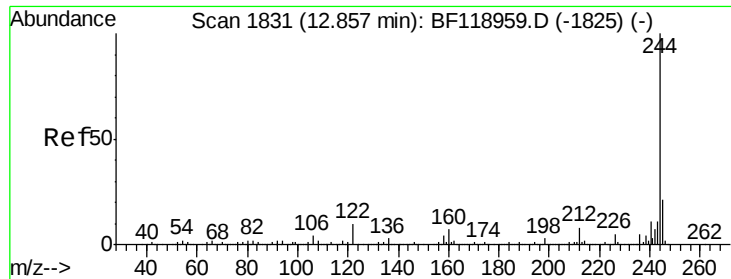


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.987 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

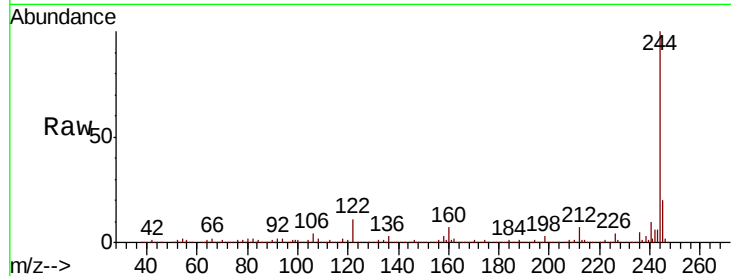
Tot Ion:244 Resp: 1307019

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

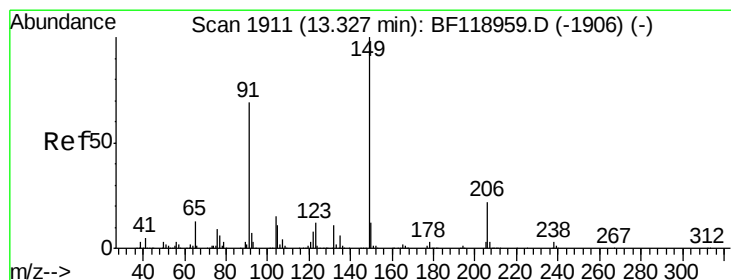
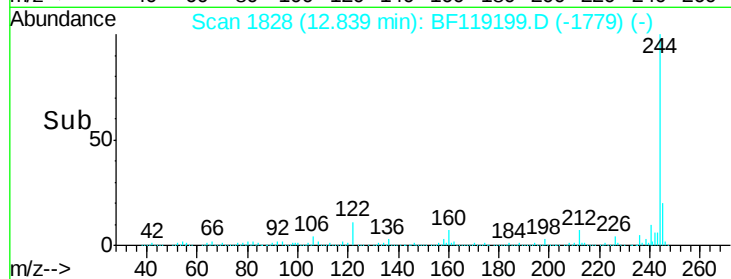
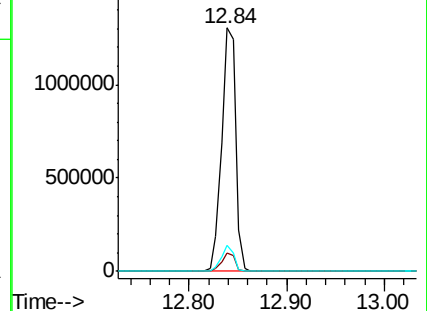
122 10.7 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.952 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

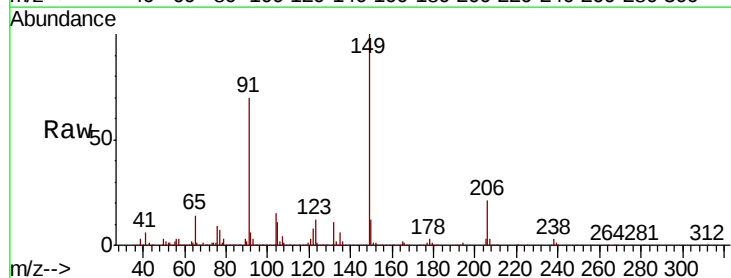
Tgt Ion:149 Resp: 408528

Ion Ratio Lower Upper

149 100

91 70.4 52.3 78.5

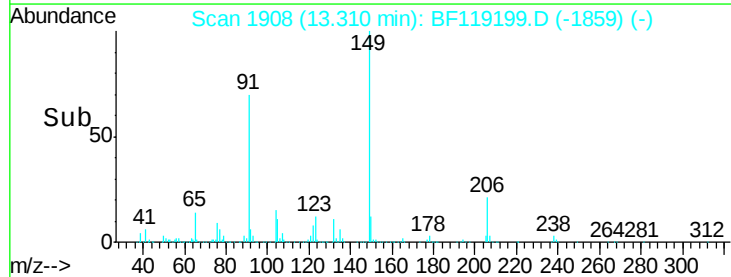
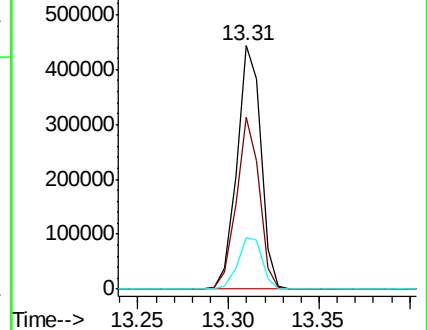
206 21.5 18.5 27.7

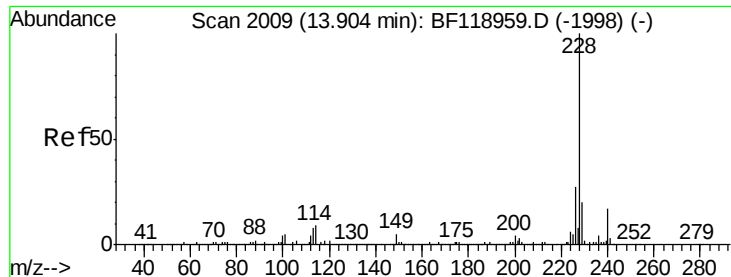


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.042 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

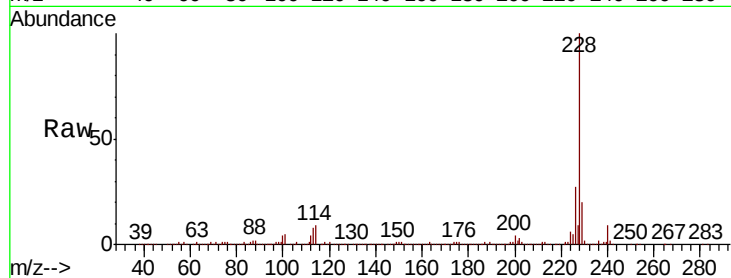
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 742687

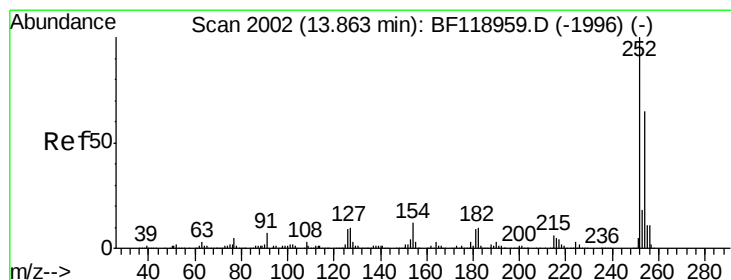
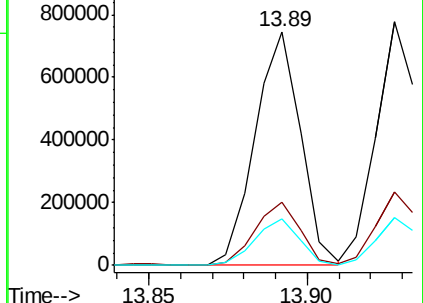
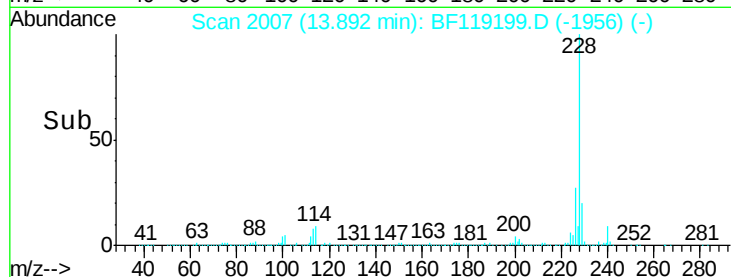
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.9	16.6	24.8



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: 39.342 ng

RT: 13.84 min Scan# 1999

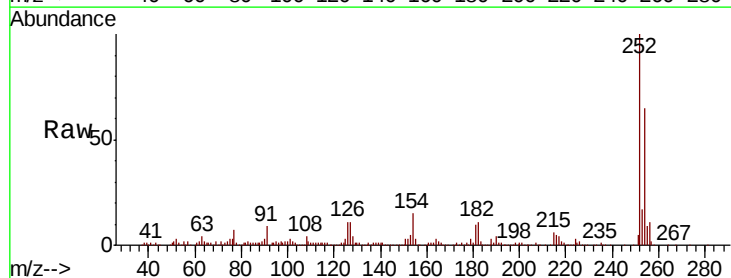
Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Tgt Ion:252 Resp: 251896

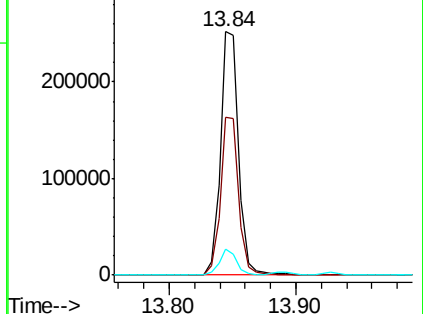
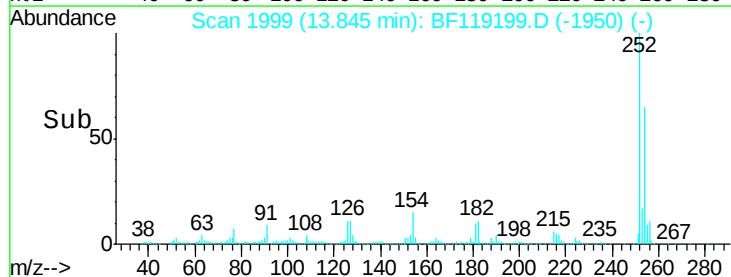
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.6	77.4
126	10.9	7.4	11.0

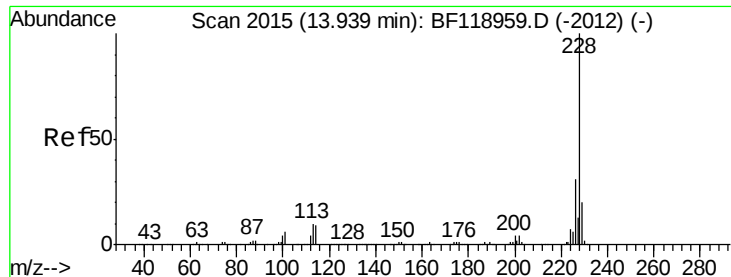


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

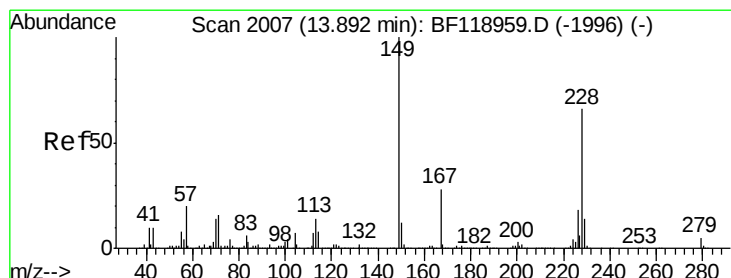
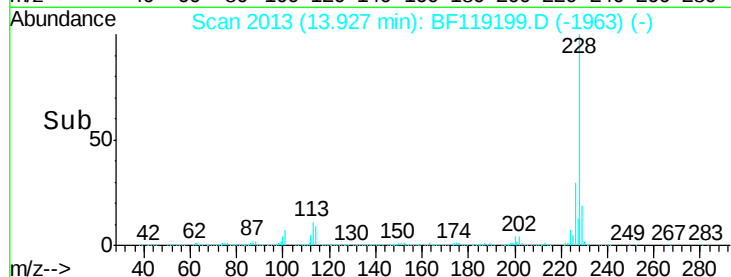
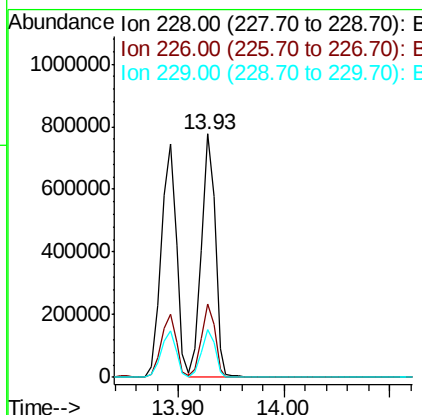
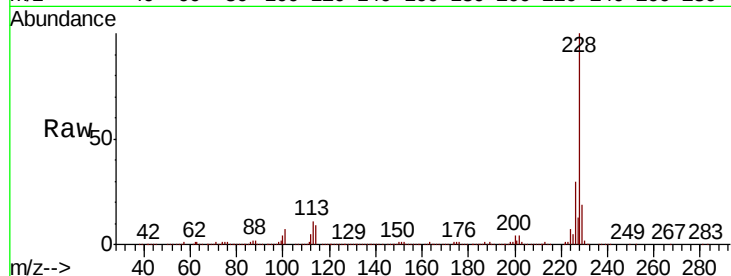




#83
 Chrvsene
 Concen: 42.216 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

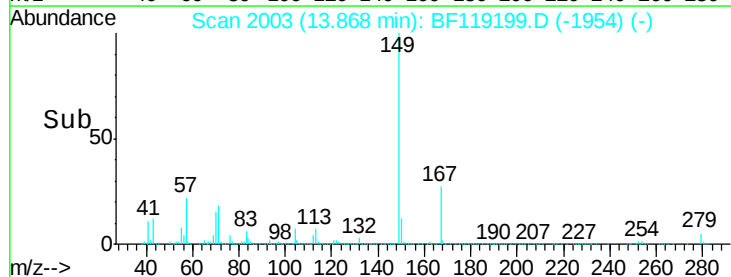
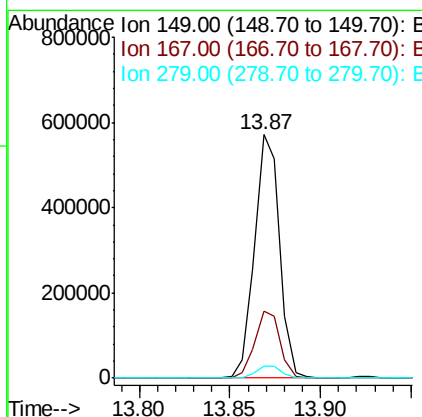
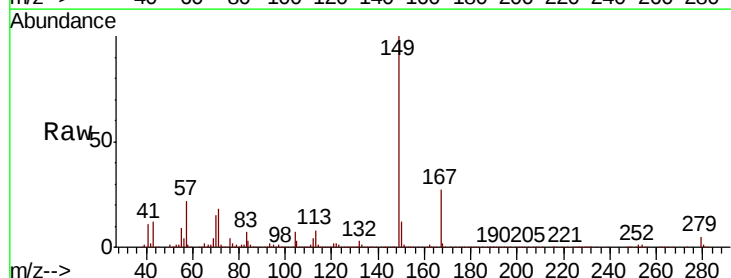
Instrument :
 BNA_F
 ClientSampled :

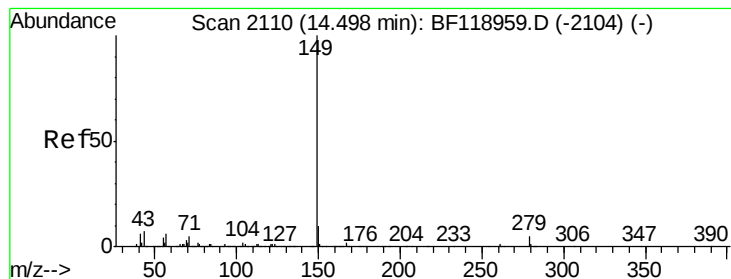
Tot Ion:228 Resp: 693603
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.1 37.7
 229 19.4 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.837 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119199.D
 Acq: 4 Mar 2020 17:23

Tgt Ion:149 Resp: 545927
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.8 34.2
 279 4.7 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 49.063 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

Instrument :

BNA_F

ClientSampleId :

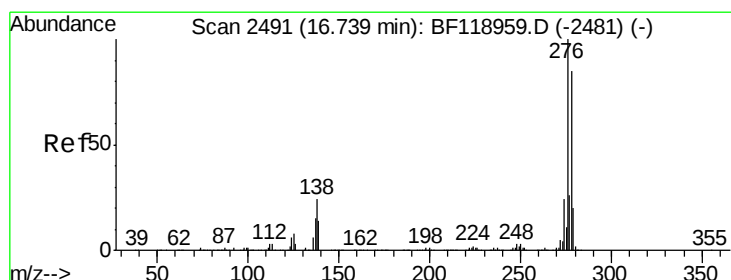
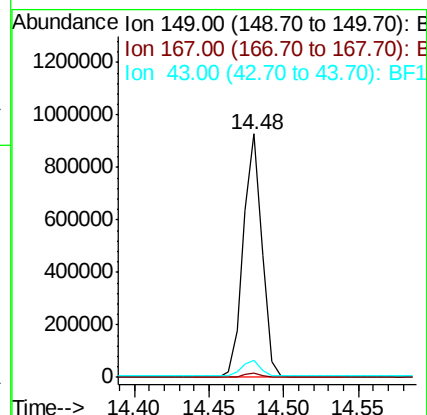
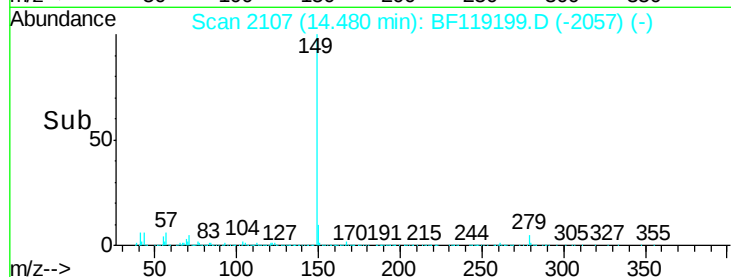
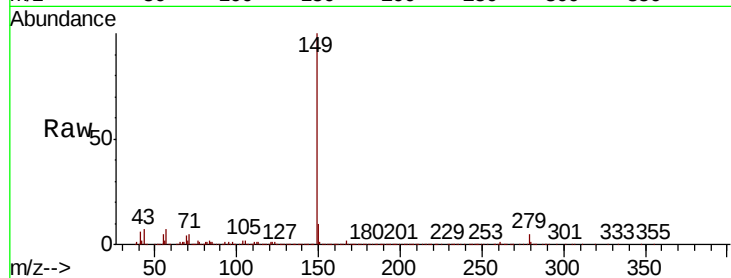
Tot Ion:149 Resp: 807695

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.747 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119199.D

Acq: 4 Mar 2020 17:23

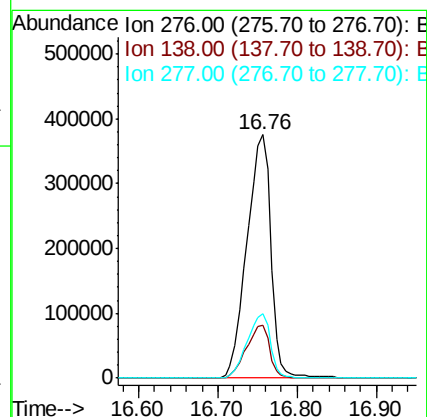
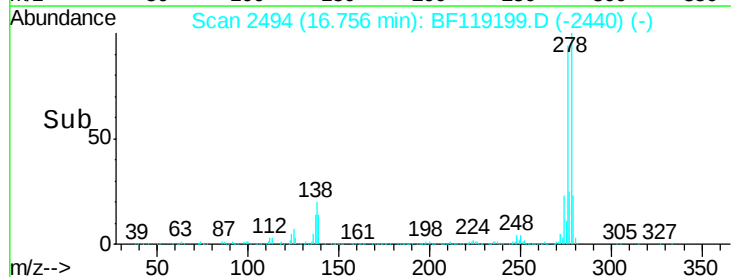
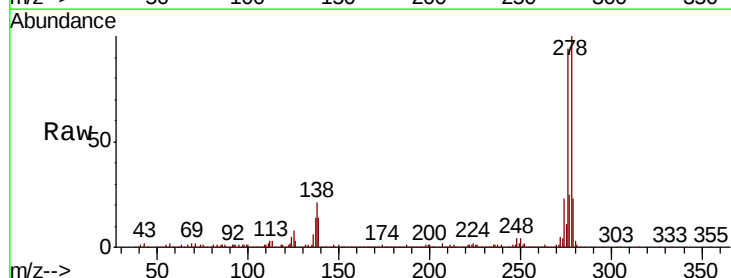
Tgt Ion:276 Resp: 791402

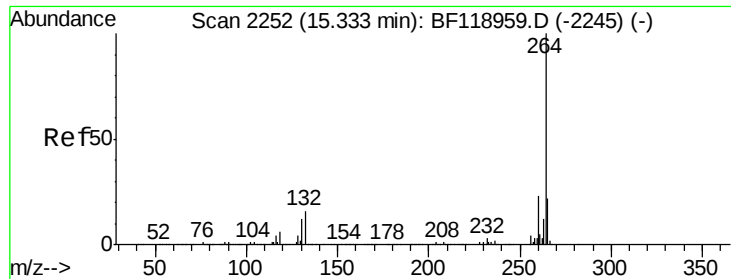
Ion Ratio Lower Upper

276 100

138 21.2 17.4 26.0

277 26.2 20.3 30.5



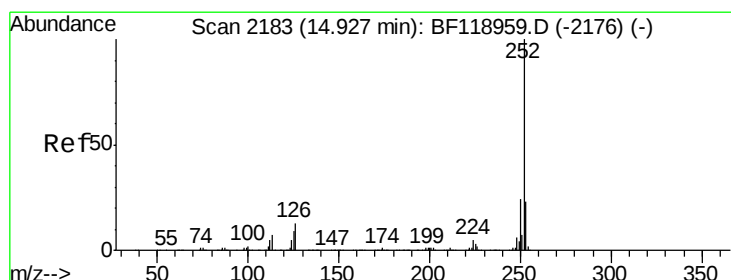
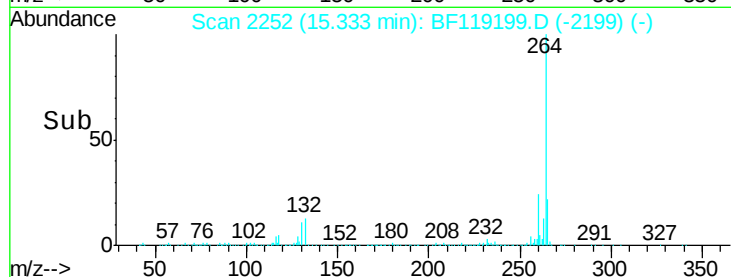
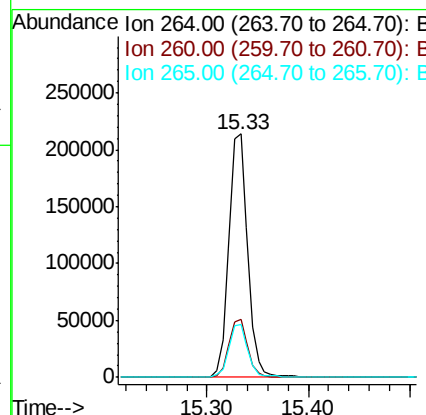
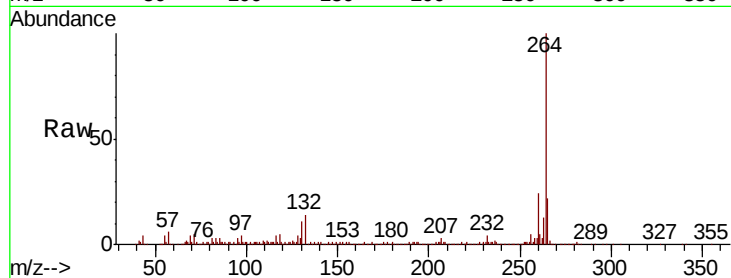


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 277144

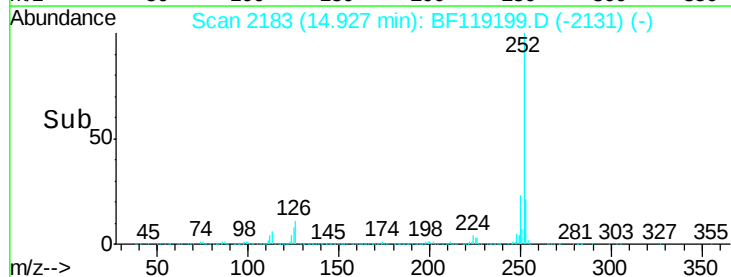
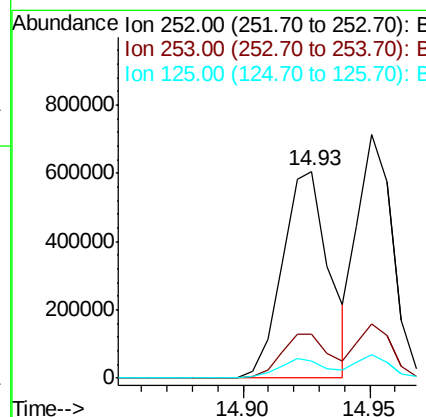
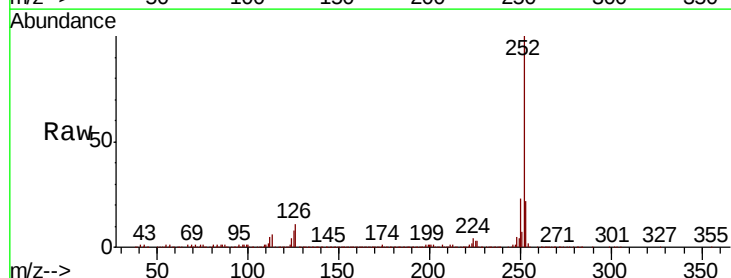
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.5	17.7	26.5

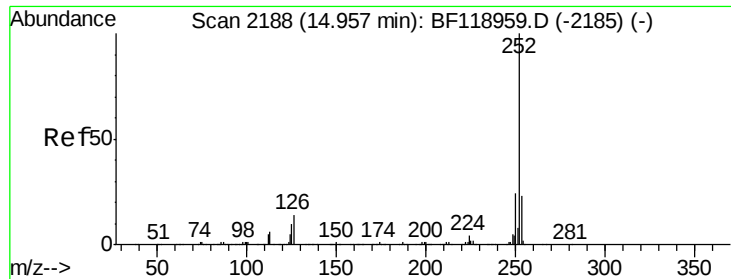


#88
Benzo(b)fluoranthene
Concen: 42.558 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:252 Resp: 777441

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	8.3	7.4	11.0

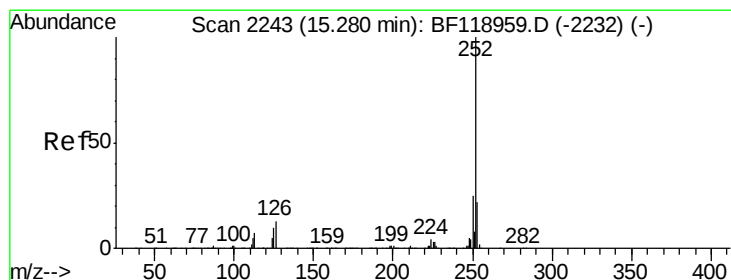
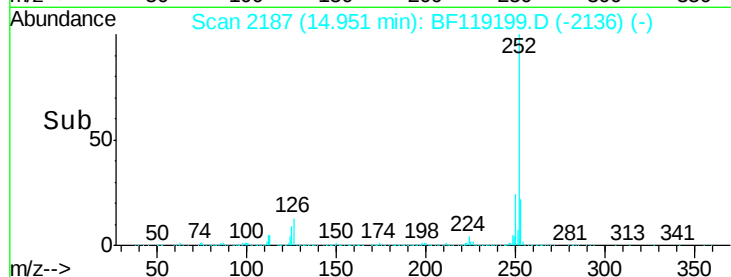
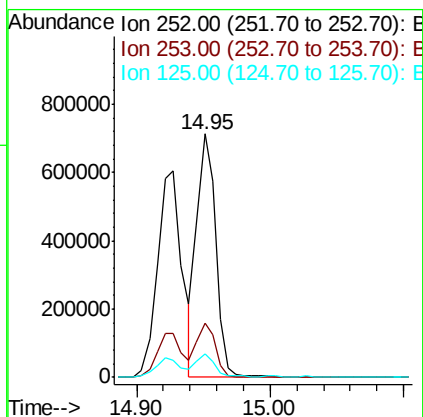
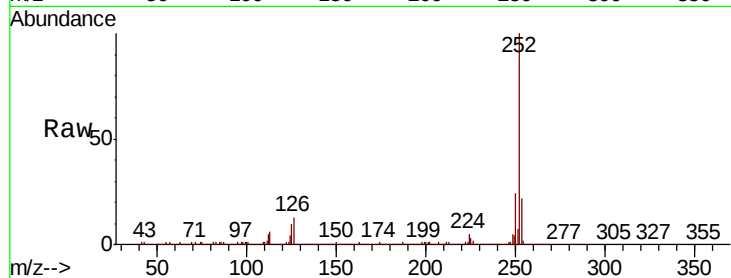




#89
Benzo(k)fluoranthene
Concen: 40.699 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

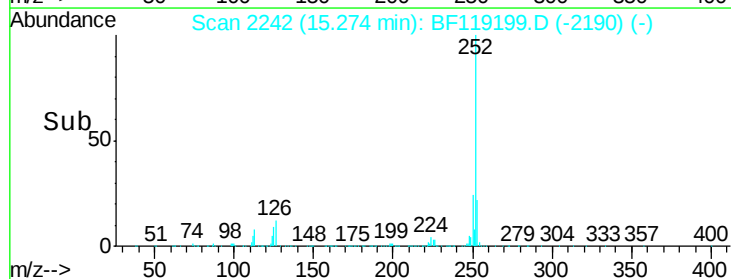
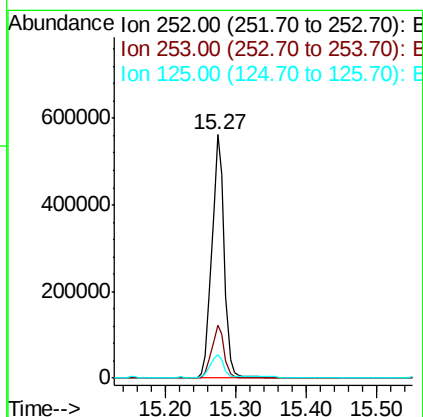
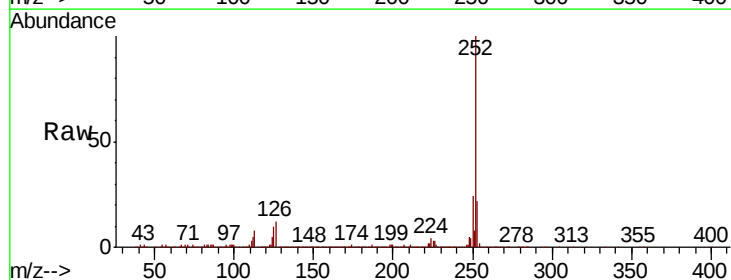
Instrument :
BNA_F
ClientSampleId :

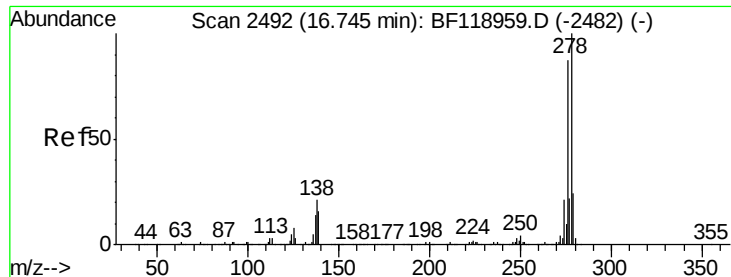
Tot Ion:252 Resp: 689002
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 41.443 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:252 Resp: 683278
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.8 8.6 12.8

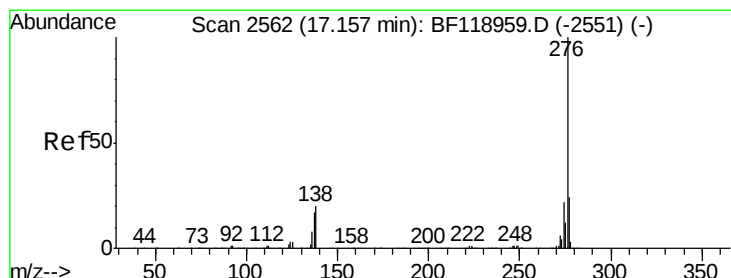
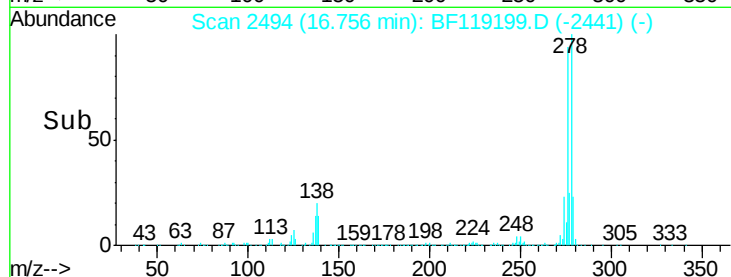
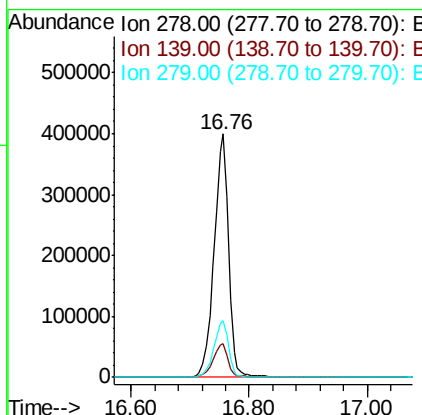
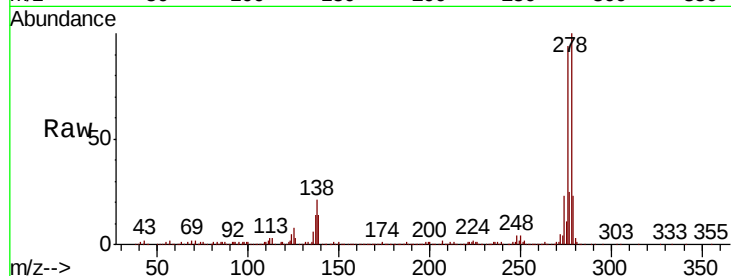




#91
Dibenzo(a,h)anthracene
Concen: 47.050 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 682547
Ion Ratio Lower Upper
278 100
139 13.9 11.0 16.4
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.568 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119199.D
Acq: 4 Mar 2020 17:23

Tgt Ion:276 Resp: 624474
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 18.1 14.3 21.5

