

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110199.D
 Acq On : 26 Oct 2018 9:25
 Operator : JU/SJ
 Sample : J5625-09DL 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-05DL

Quant Time: Oct 26 14:39:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	110982	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	424223	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	166631	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	268373	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	200528	20.00	ng	-0.01
87) Perylene-d12	15.67	264	154647	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	416500	61.11	ng	-0.01
7) Phenol-d6	6.59	99	515495	59.14	ng	-0.02
23) Nitrobenzene-d5	7.53	82	299976	41.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	81654	49.47	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	490661	46.24	ng	-0.02
79) Terphenyl-d14	13.09	244	358495	37.18	ng	-0.02

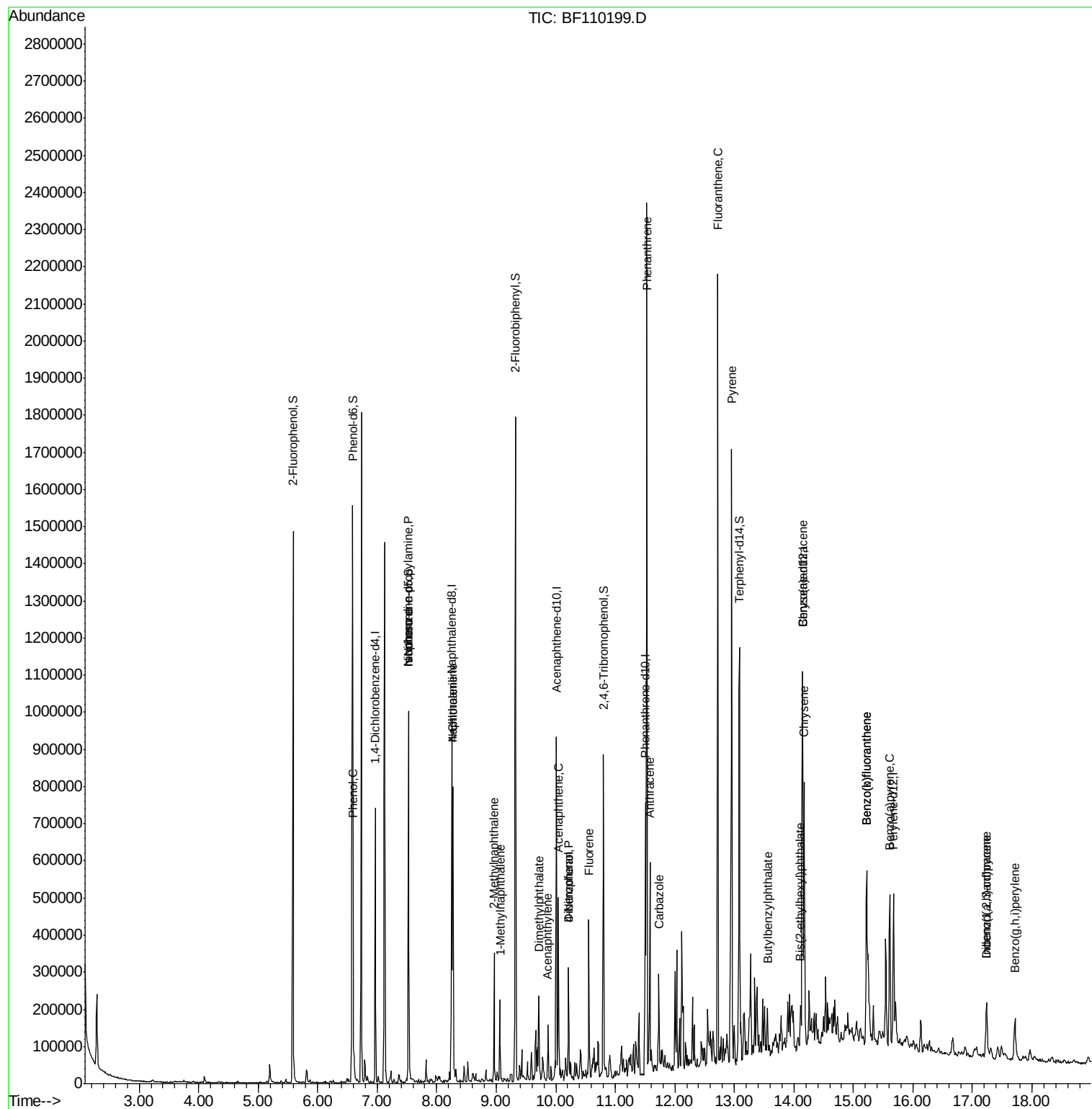
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1320	Below Cal		# 19
10) Phenol	6.60	94	62601	6.718	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	39171	7.004	ng	# 80
25) Isophorone	7.53	82	299975	24.605	ng	# 67
31) Naphthalene	8.27	128	344212	17.605	ng	100
33) 4-Chloroaniline	8.27	127	46029	5.231	ng	# 33
37) 2-Methylnaphthalene	8.96	142	83953	6.490	ng	99
38) 1-Methylnaphthalene	9.06	142	53281	4.262	ng	# 95
49) Acenaphthylene	9.87	152	48739	3.053	ng	97
50) Dimethylphthalate	9.72	163	84336	6.856	ng	99
52) Acenaphthene	10.04	154	101248	9.587	ng	97
55) Dibenzofuran	10.22	168	112659	7.619	ng	95
56) 4-Nitrophenol	10.22	139	43040	18.457	ng	# 7
58) Fluorene	10.56	166	113000	10.268	ng	99
71) Phenanthrene	11.53	178	841383	59.917	ng	100
72) Anthracene	11.58	178	227941	16.194	ng	99
73) Carbazole	11.73	167	95724	6.965	ng	99
75) Fluoranthene	12.72	202	748623	52.529	ng	100
78) Pyrene	12.95	202	716455	49.836	ng	98
80) Butylbenzylphthalate	13.56	149	28543	4.574	ng	90
81) Benzo(a)anthracene	14.14	228	305371	25.679	ng	96
83) Chrysene	14.17	228	258912	22.923	ng	97
84) Bis(2-ethylhexyl)phthalate	14.11	149	31240	3.704	ng	93
86) Indeno(1,2,3-cd)pyrene	17.24	276	96511	10.300	ng	98
88) Benzo(b)fluoranthene	15.22	252	348717	39.049	ng	97
89) Benzo(k)fluoranthene	15.22	252	348717	39.720	ng	# 97
90) Benzo(a)pyrene	15.61	252	186517	22.698	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	23886	3.369	ng	# 76
92) Benzo(g,h,i)perylene	17.72	276	92874	13.293	ng	97

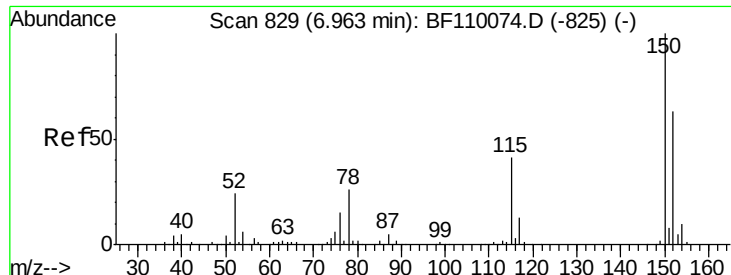
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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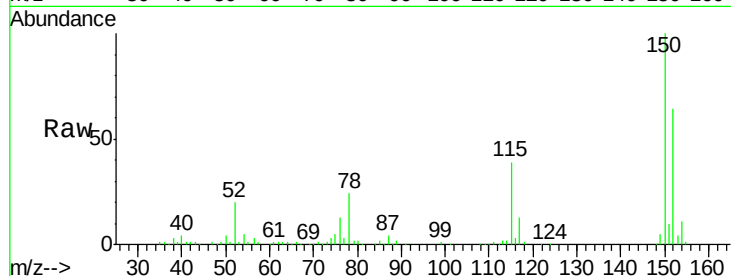


#1

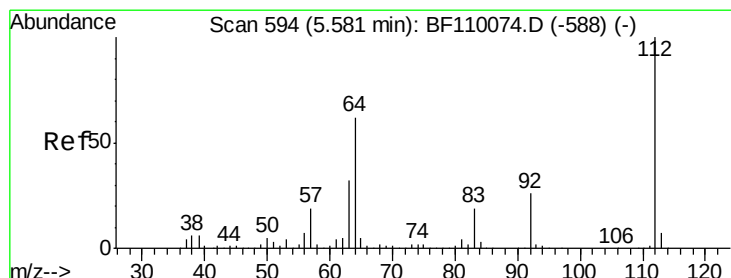
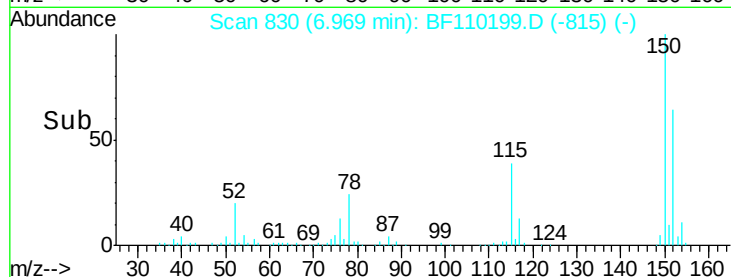
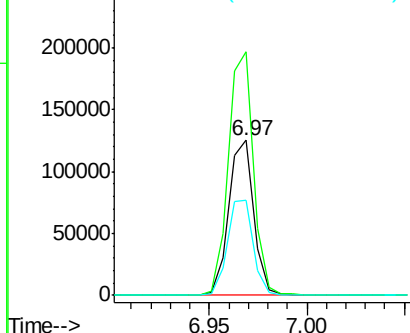
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Instrument :
BNA_F
ClientSampleId :
DW-05DL

Tgt Ion:152 Resp: 110982
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.4 49.1 73.7



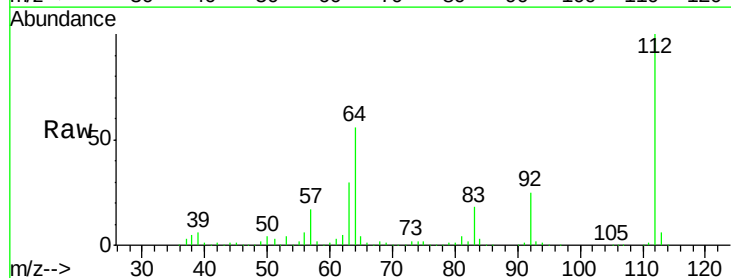
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



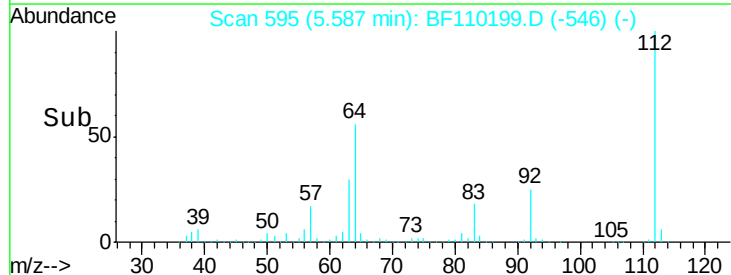
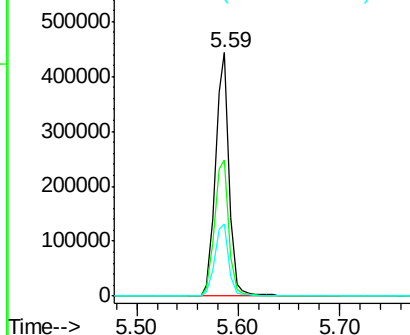
#5

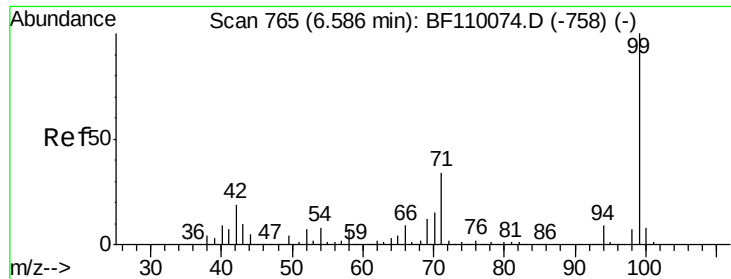
2-Fluorophenol
Concen: 61.114 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:112 Resp: 416500
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 59.136 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampleId :

DW-05DL

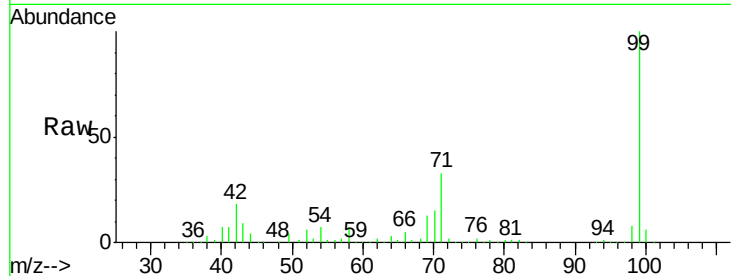
Tgt Ion: 99 Resp: 515495

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

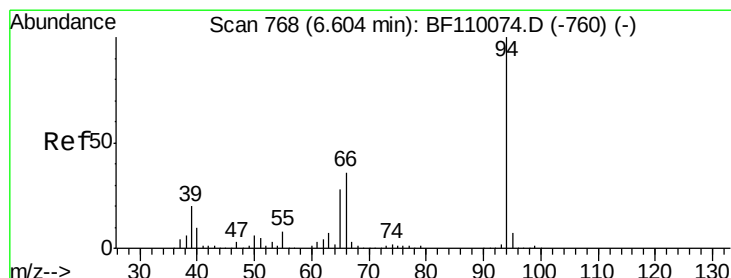
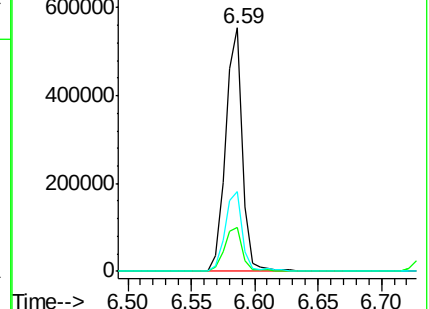
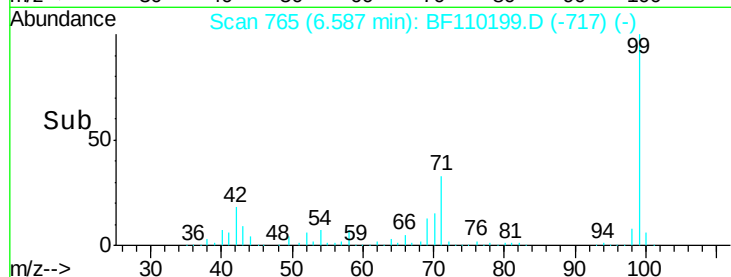
71 32.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.718 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

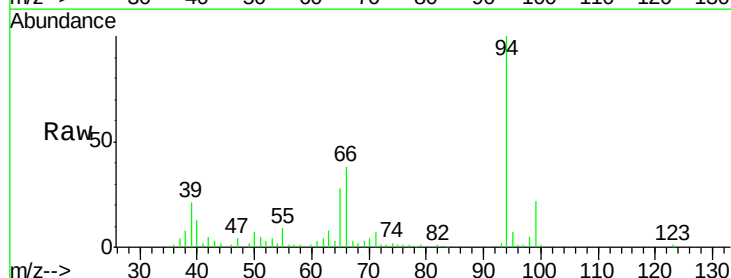
Tgt Ion: 94 Resp: 62601

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

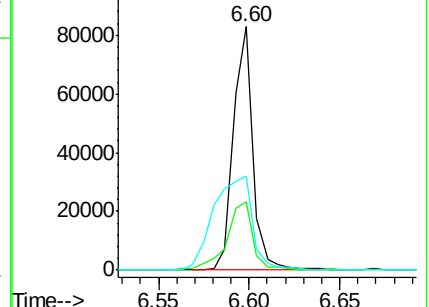
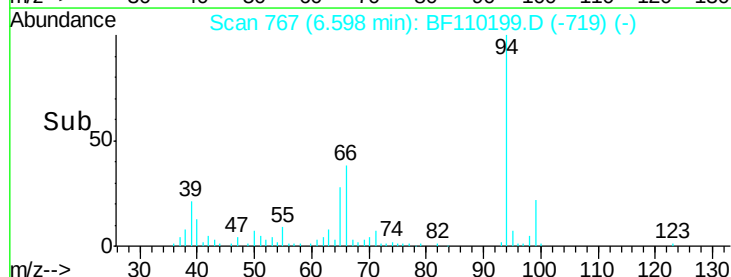
66 38.4 54.5 94.5#

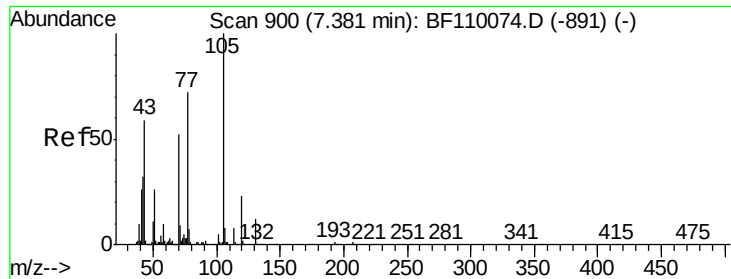


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

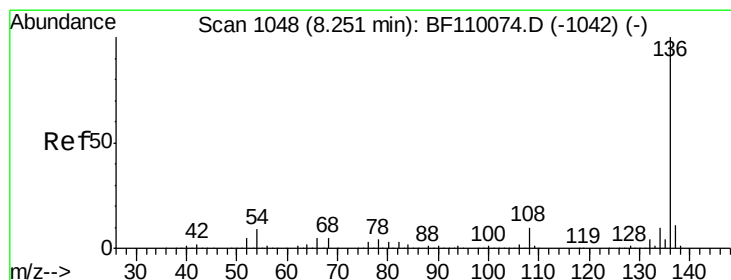
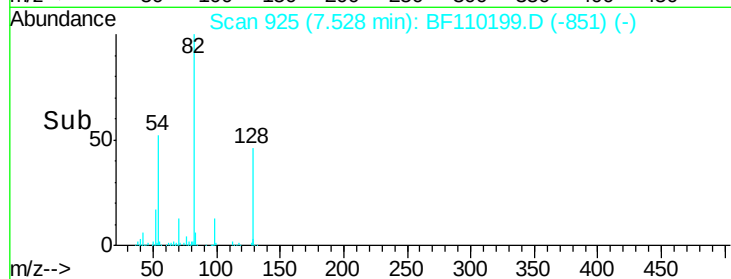
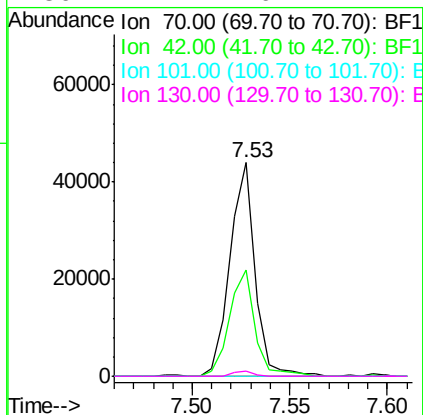
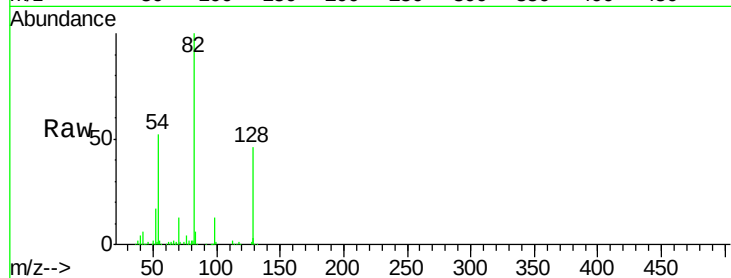




#19
n-Nitroso-di-n-propylamine
Concen: 7.004 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

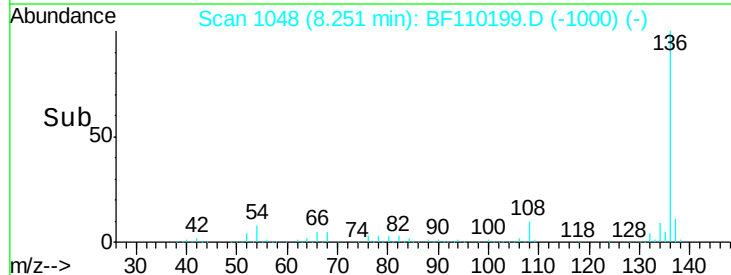
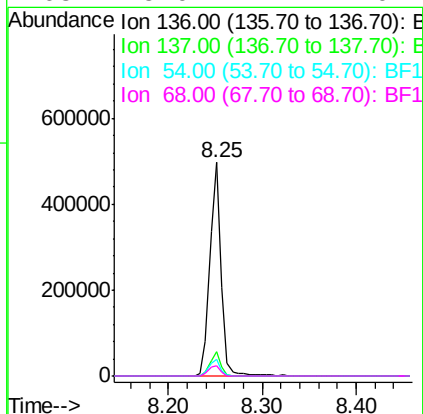
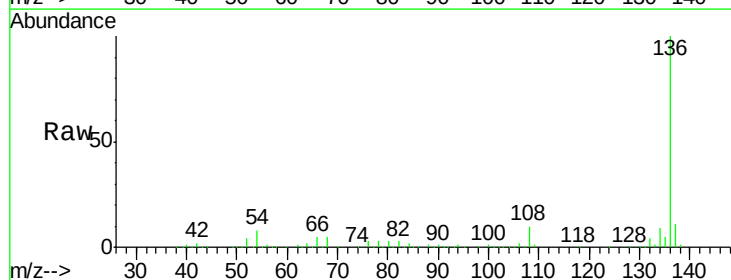
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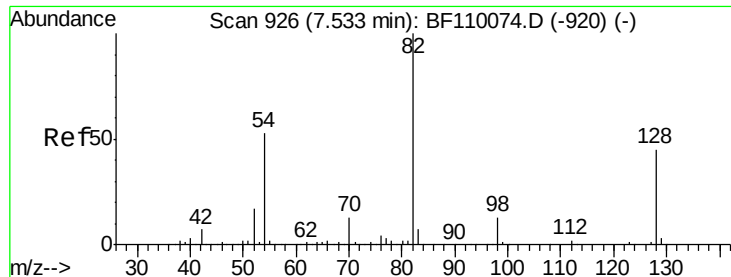
Tgt Ion: 70 Resp: 39171
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion: 136 Resp: 424223
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 5.4 8.2
68 5.0 4.2 6.2

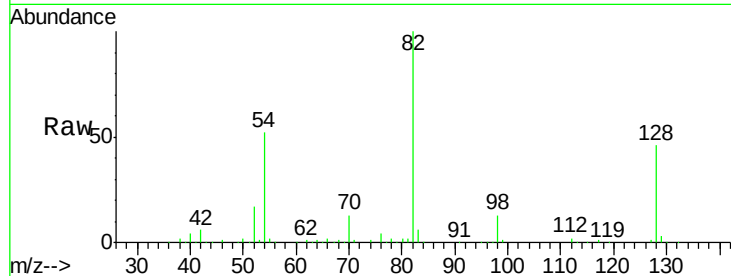




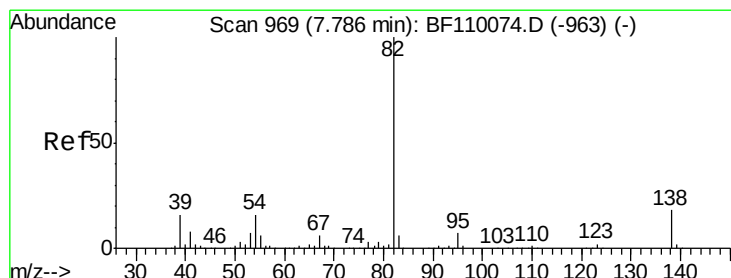
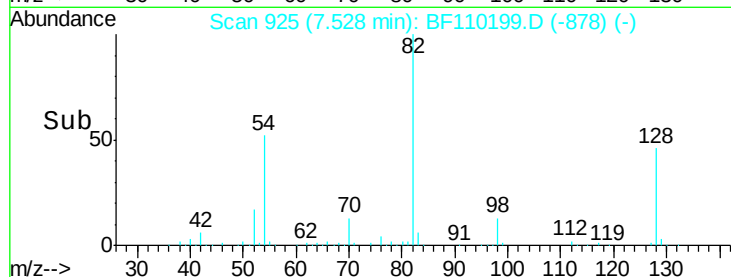
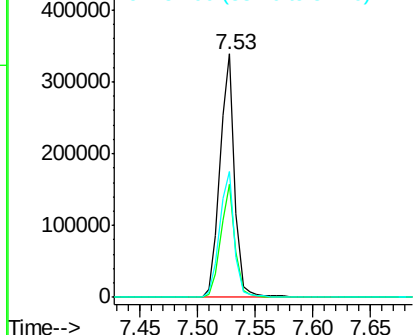
#23
Nitrobenzene-d5
Concen: 41.941 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Instrument :
BNA_F
ClientSampleId :
DW-05DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	51.9	38.6	58.0

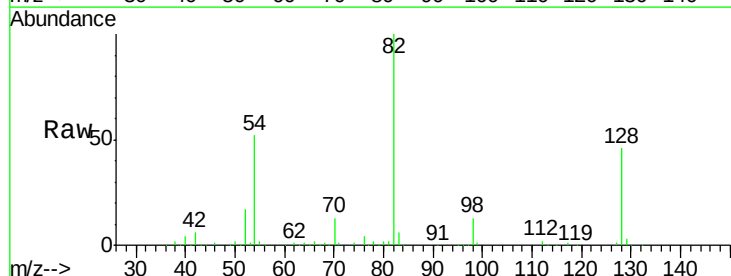


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

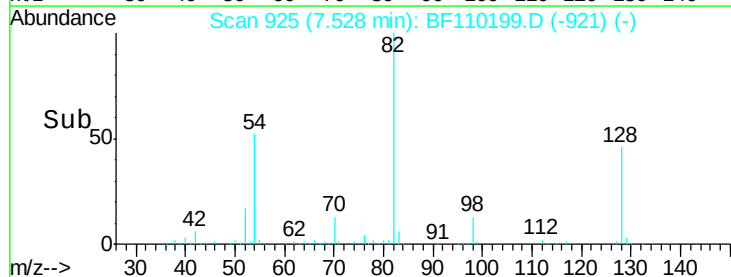
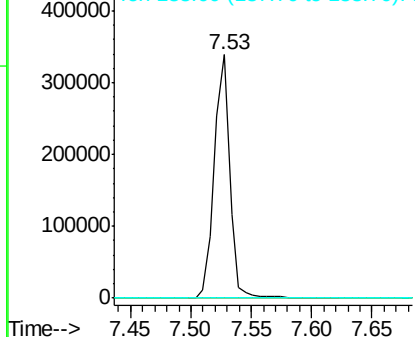


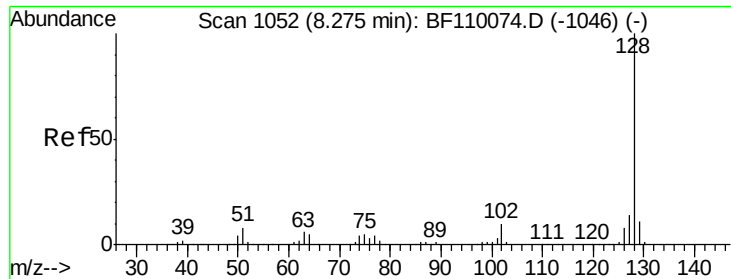
#25
Isophorone
Concen: 24.605 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

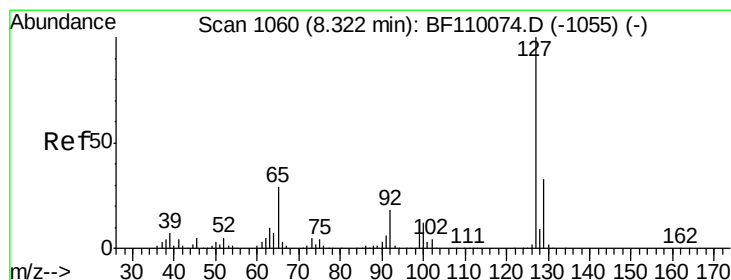
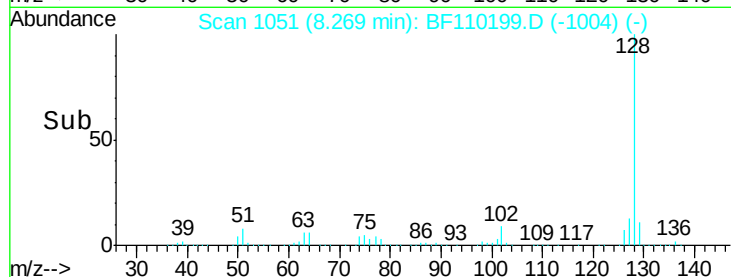
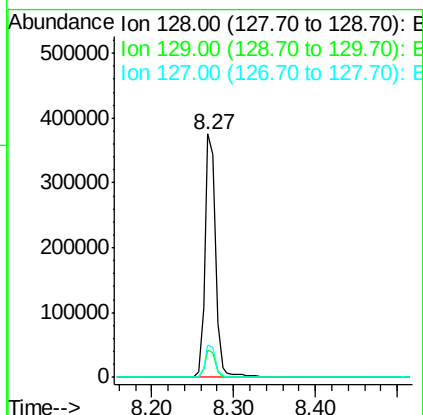
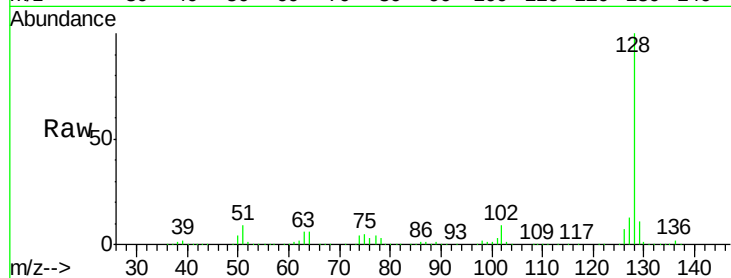




#31
Naphthalene
Concen: 17.605 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

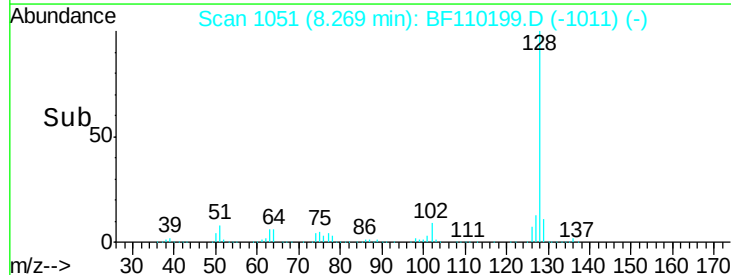
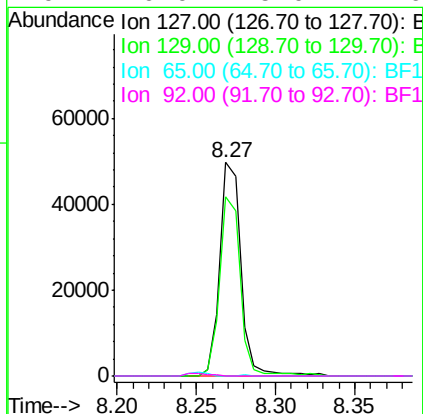
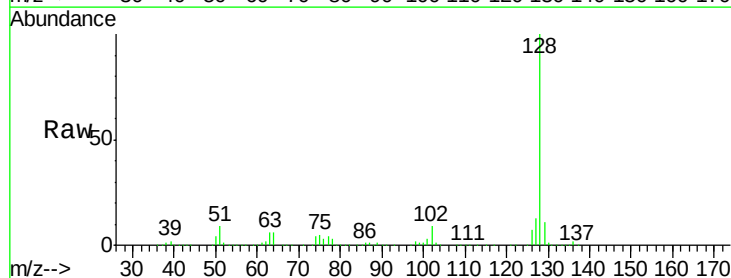
Instrument :
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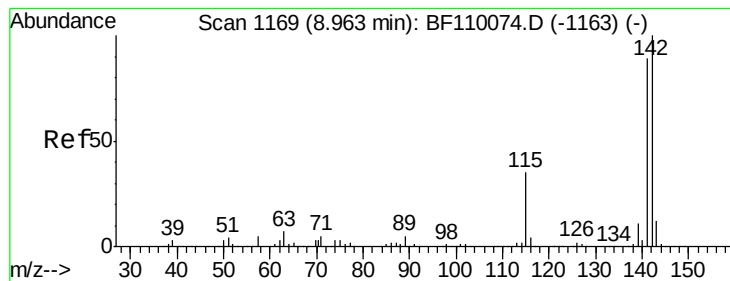
Tgt Ion:128 Resp: 344212
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.8 16.2



#33
4-Chloroaniline
Concen: 5.231 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:127 Resp: 46029
Ion Ratio Lower Upper
127 100
129 83.8 26.0 39.0#
65 0.0 25.1 37.7#
92 0.0 15.0 22.6#





#37

2-Methylnaphthalene

Concen: 6.490 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampleId :

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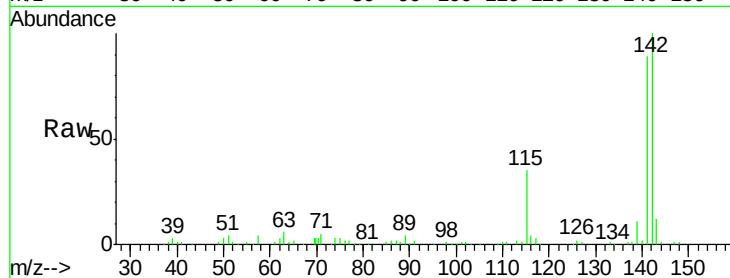
Tgt Ion:142 Resp: 83953

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

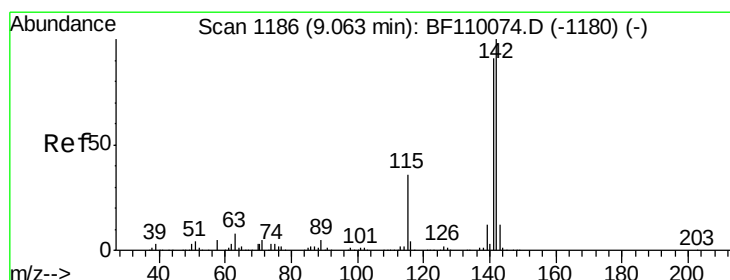
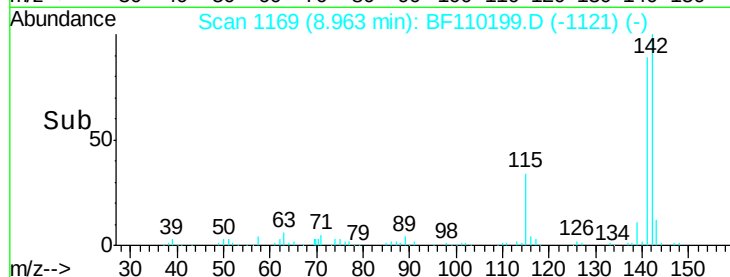
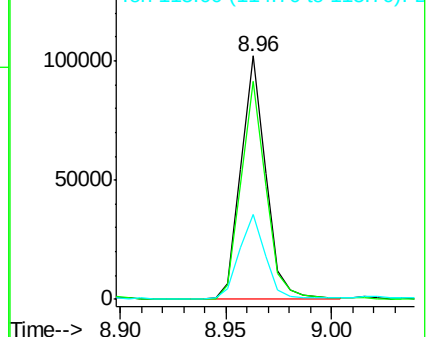
115 34.6 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.262 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

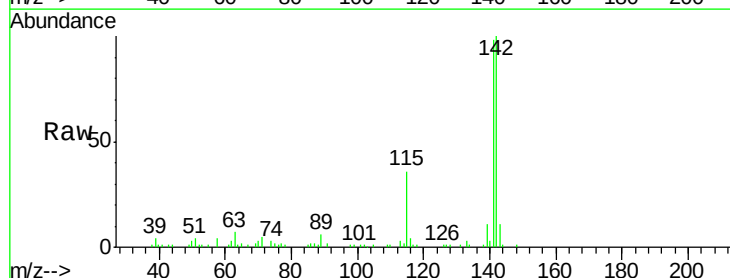
Tgt Ion:142 Resp: 53281

Ion Ratio Lower Upper

142 100

141 97.6 74.2 111.4

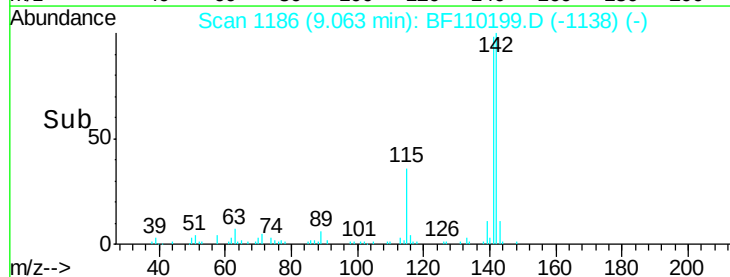
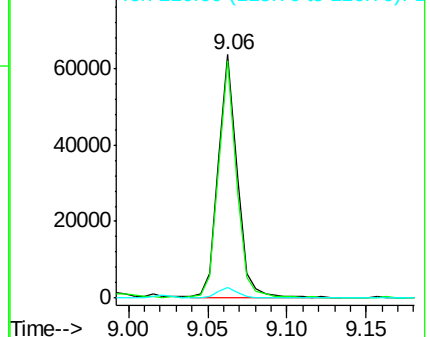
116 4.1 2.6 4.0#

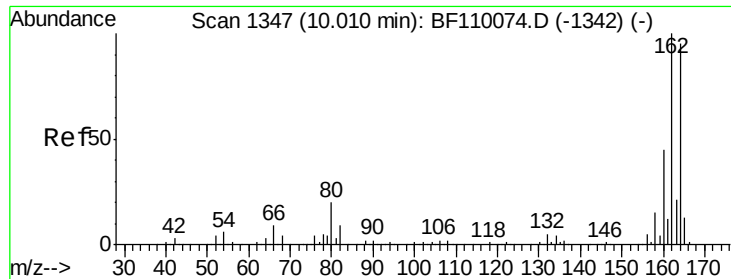


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110199.D

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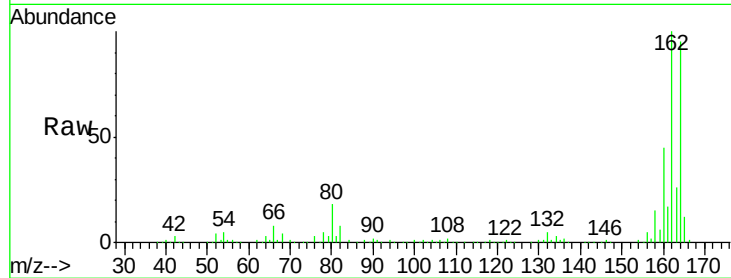
Tgt Ion:164 Resp: 166631

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.6

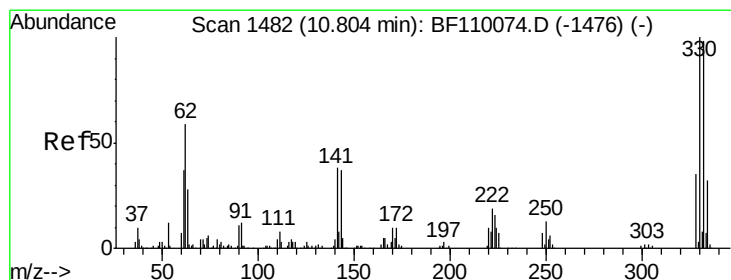
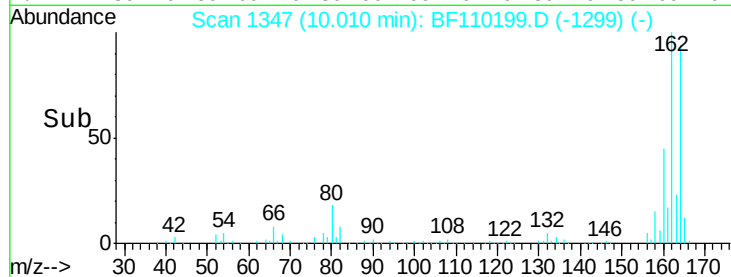
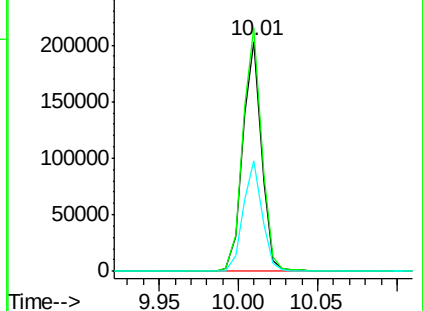
160 47.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 49.470 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

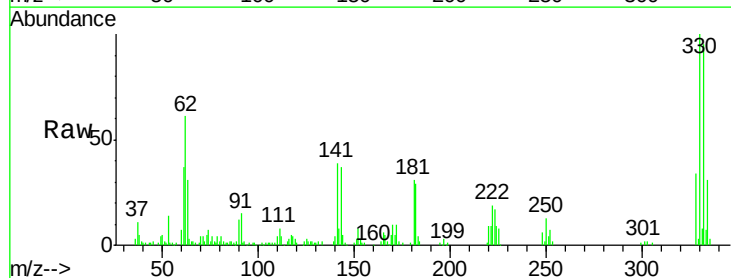
Tgt Ion:330 Resp: 81654

Ion Ratio Lower Upper

330 100

332 93.9 77.1 115.7

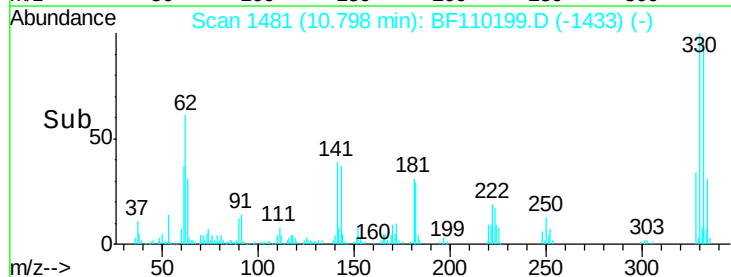
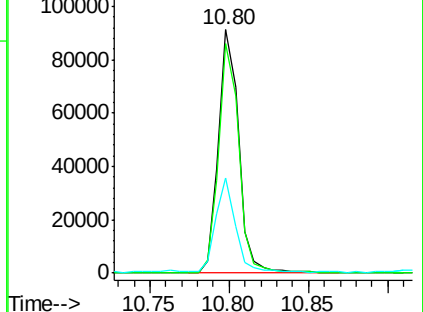
141 37.4 27.0 40.4

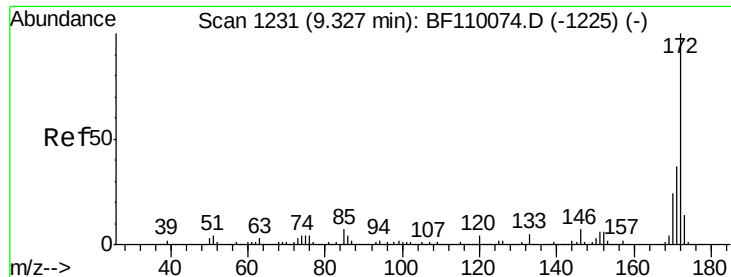


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

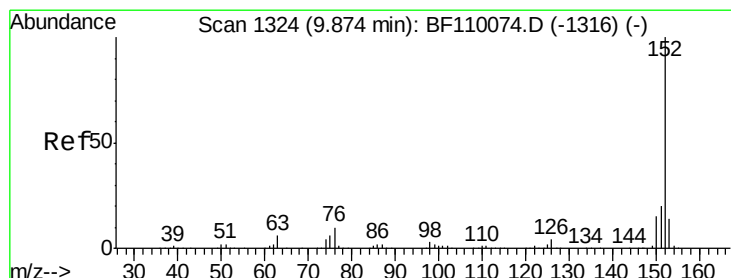
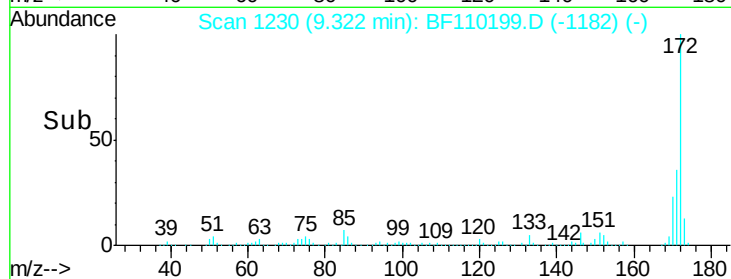
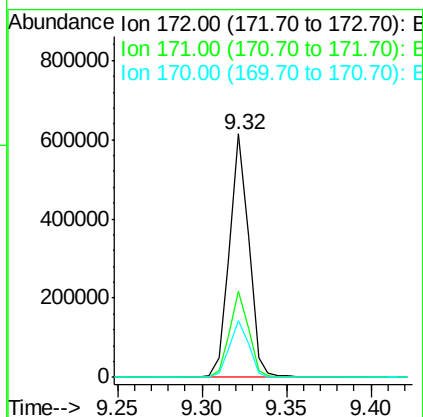
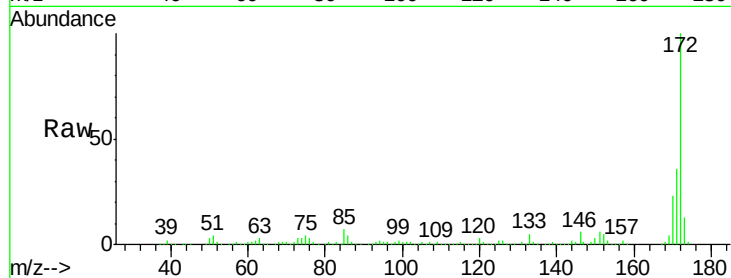




#45
2-Fluorobiphenyl
Concen: 46.238 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

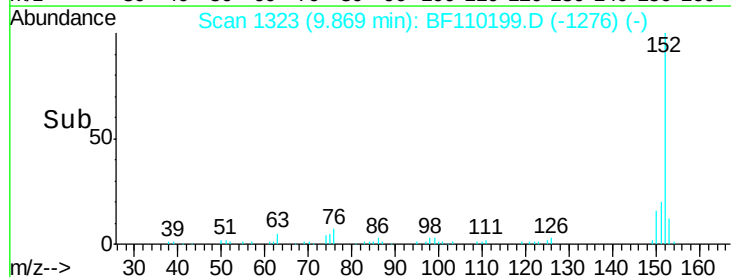
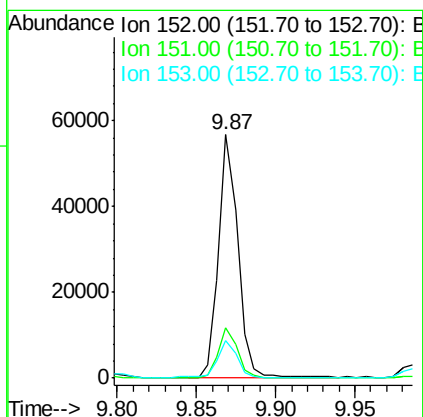
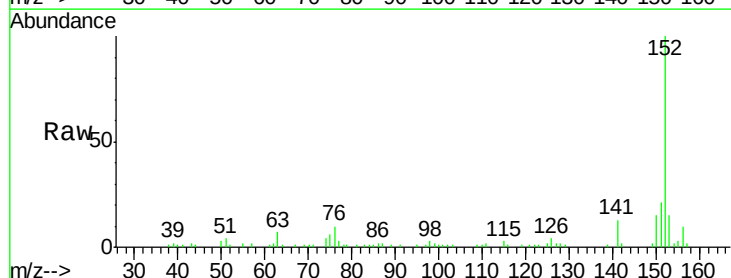
Instrument :
BNA_F
ClientSampleId :
DW-05DL

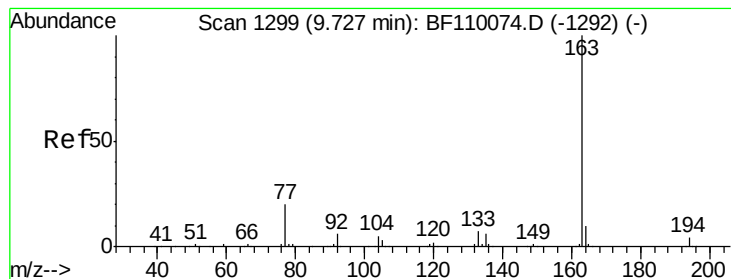
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.7	29.5



#49
Acenaphthylene
Concen: 3.053 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	15.5	10.4	15.6





#50

Dimethylphthalate

Concen: 6.856 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampleId :

DW-05DL

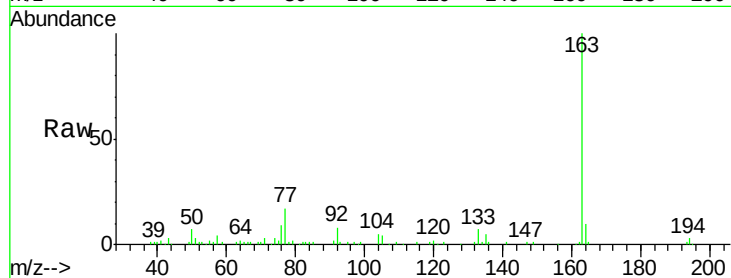
Tgt Ion:163 Resp: 84336

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

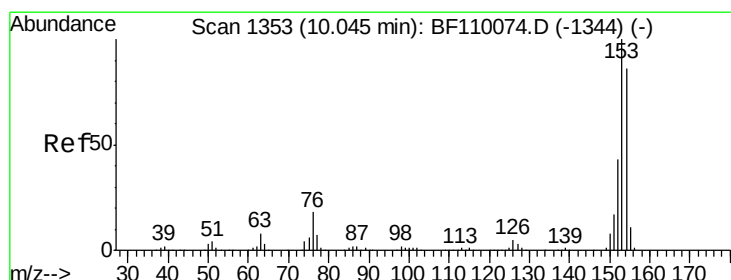
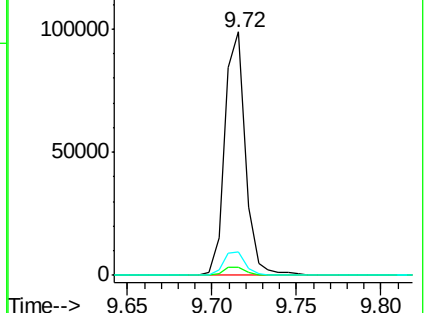
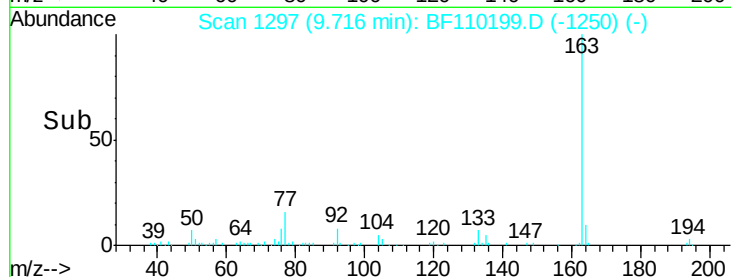
164 9.6 8.1 12.1



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



#52

Acenaphthene

Concen: 9.587 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

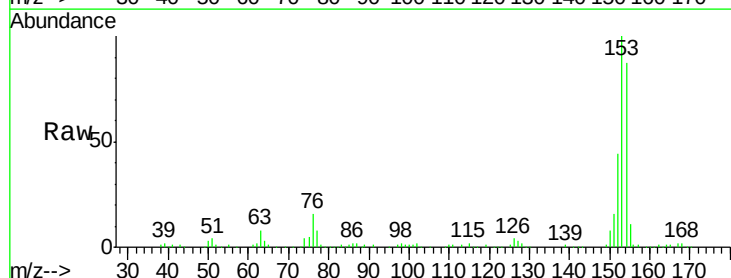
Tgt Ion:154 Resp: 101248

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

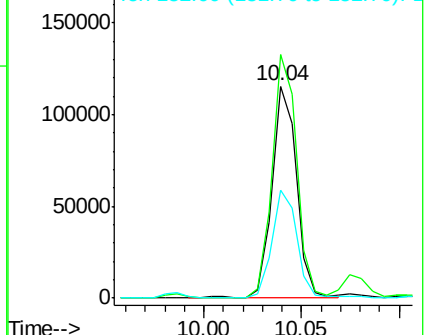
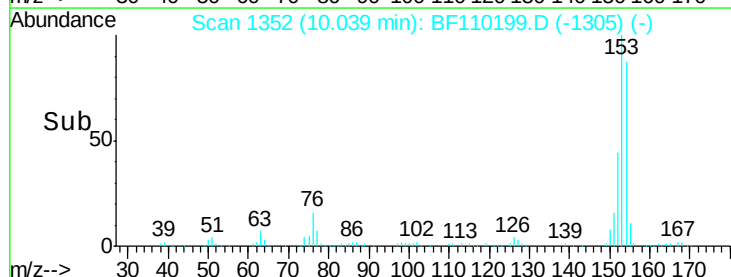
152 51.1 43.4 65.2

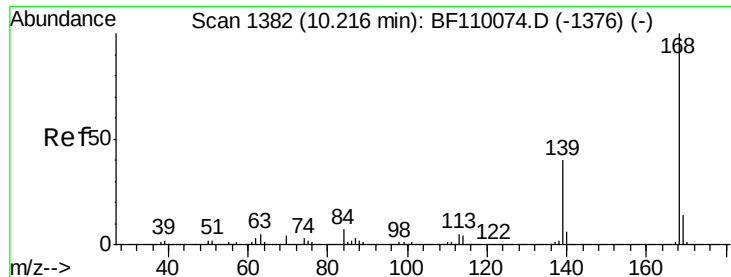


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

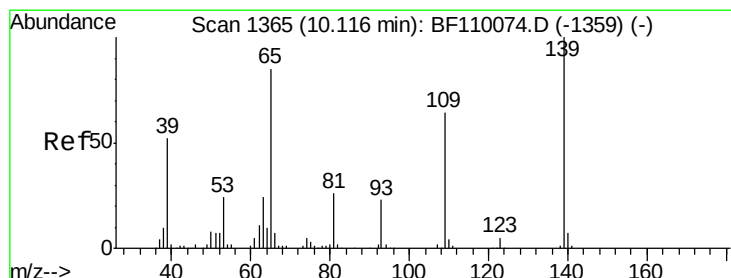
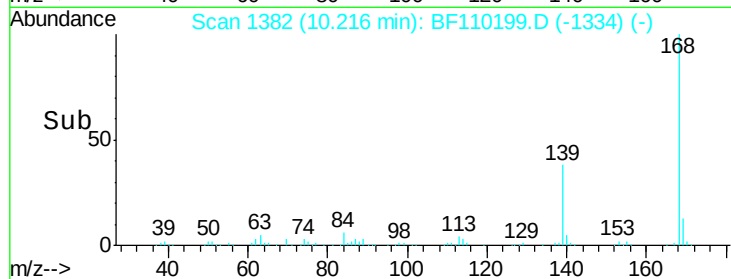
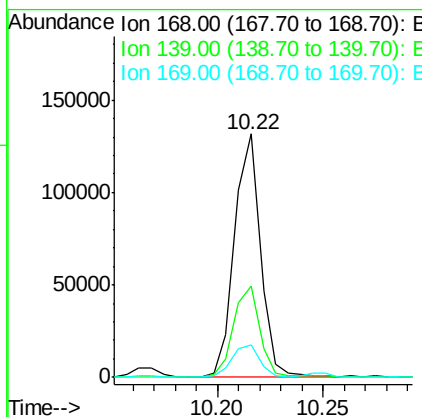
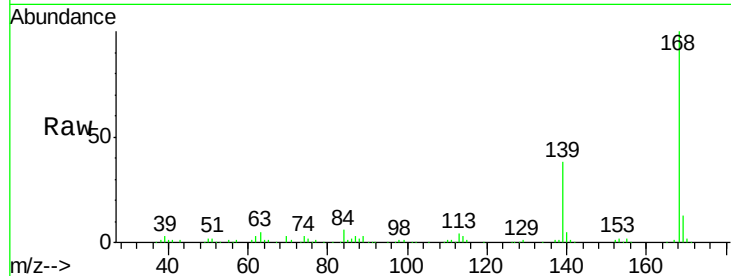




#55
Dibenzenofuran
Concen: 7.619 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

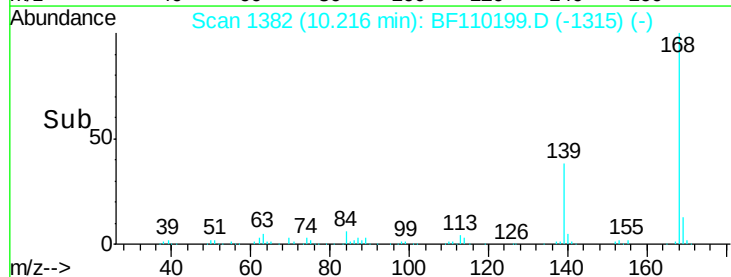
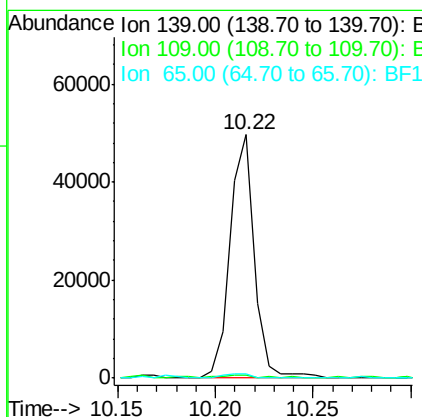
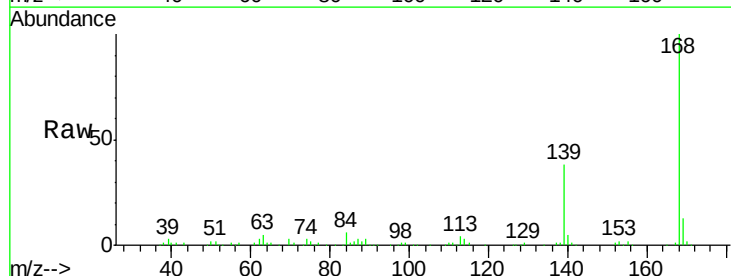
Instrument :
BNA_F
ClientSampleId :
DW-05DL

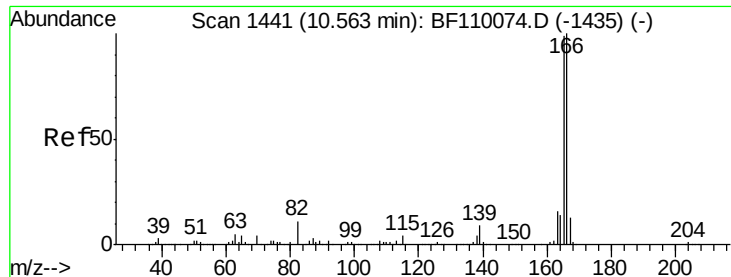
Tgt Ion:168 Resp: 112659
Ion Ratio Lower Upper
168 100
139 37.7 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 18.457 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:139 Resp: 43040
Ion Ratio Lower Upper
139 100
109 1.2 55.8 95.8#
65 1.7 77.9 117.9#

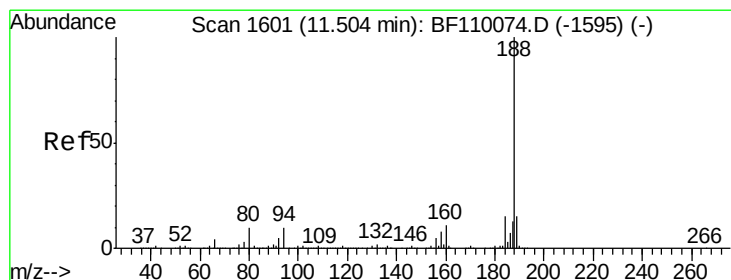
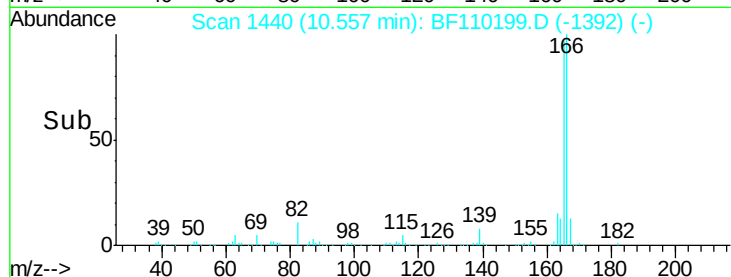
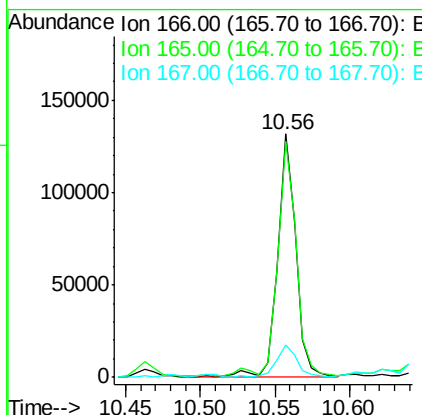
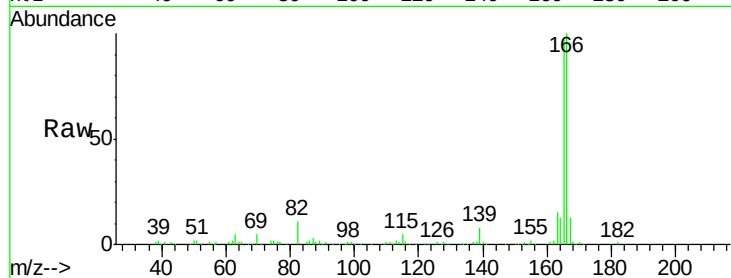




#58
 Fluorene
 Concen: 10.268 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF110199.D
 Acq: 26 Oct 2018 9:25

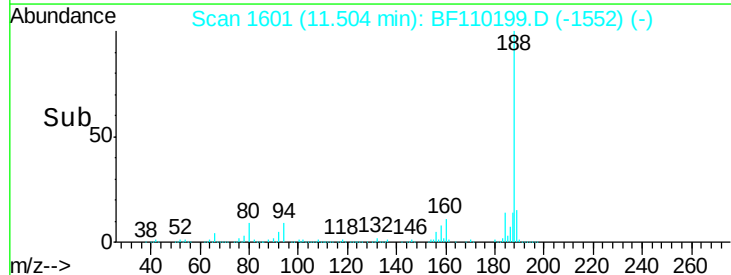
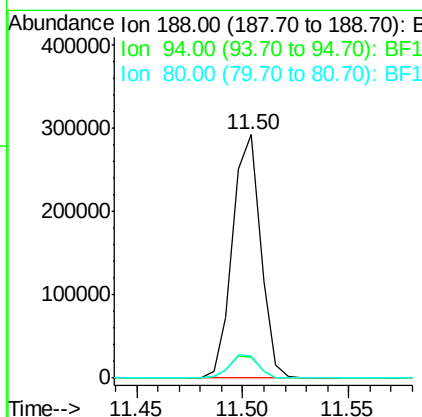
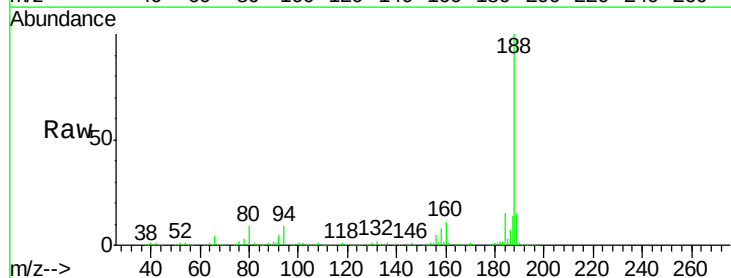
Instrument :
 BNA_F
 ClientSampleId :
 DW-05DL

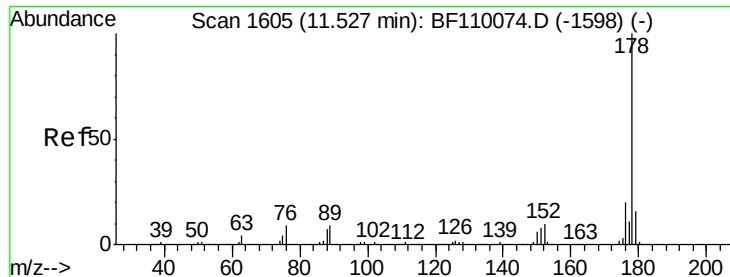
Tgt Ion:166 Resp: 113000
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.6 117.8
 167 13.2 10.8 16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110199.D
 Acq: 26 Oct 2018 9:25

Tgt Ion:188 Resp: 268373
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 9.2 7.9 11.9

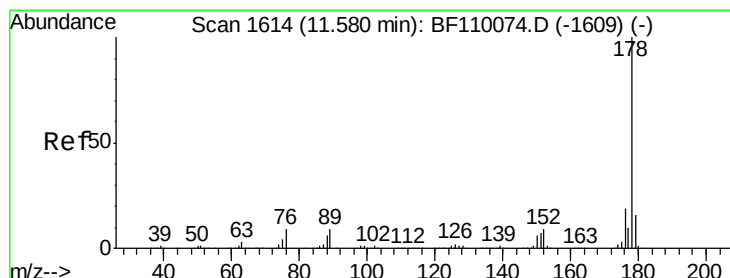
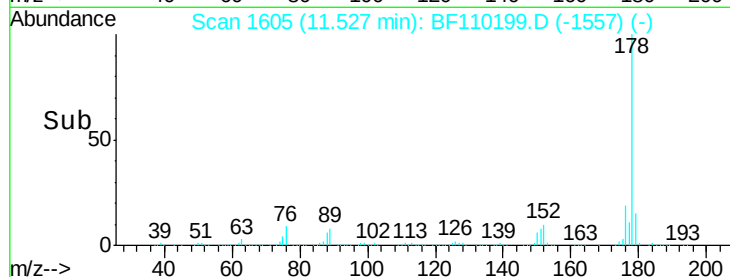
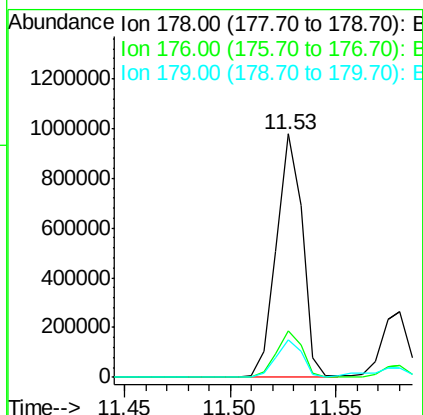
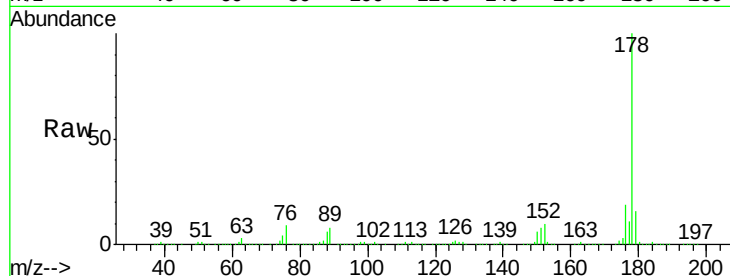




#71
Phenanthrene
Concen: 59.917 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

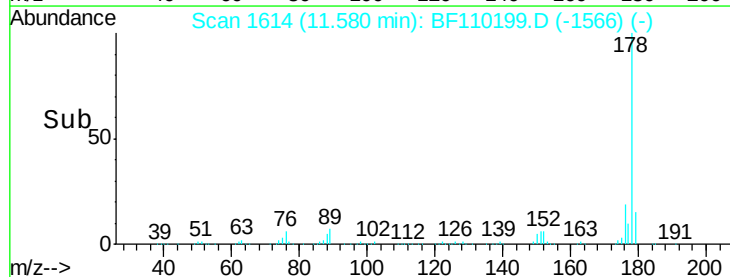
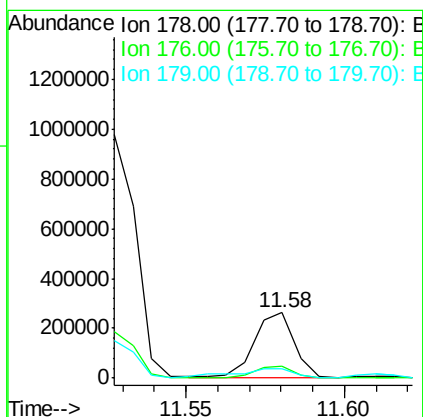
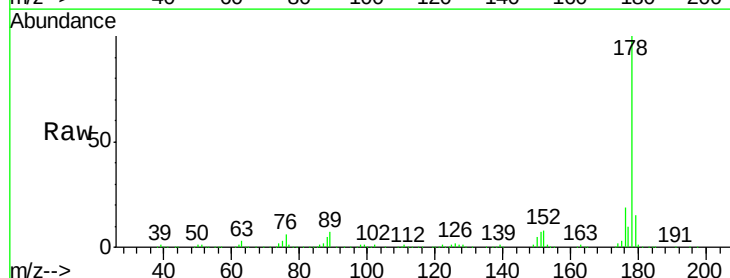
Instrument :
BNA_F
ClientSampleId :
DW-05DL

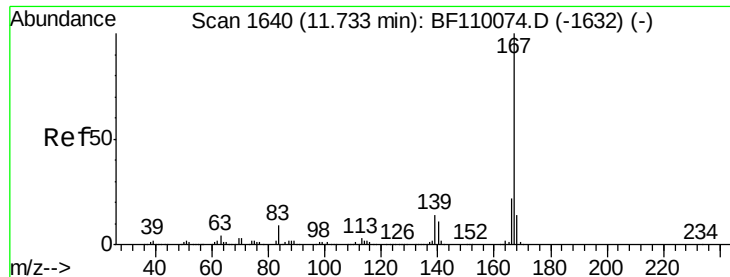
Tgt Ion:178 Resp: 841383
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 16.194 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:178 Resp: 227941
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.2 12.6 18.8

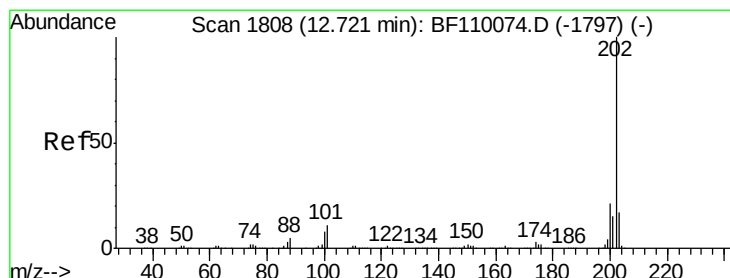
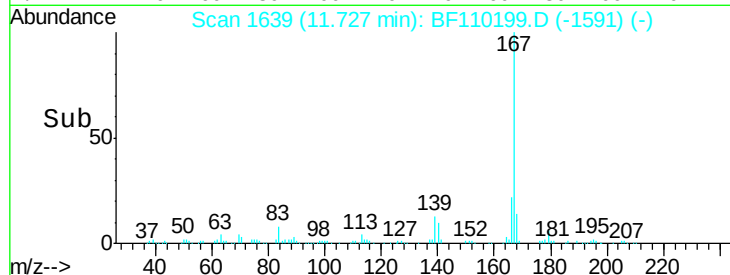
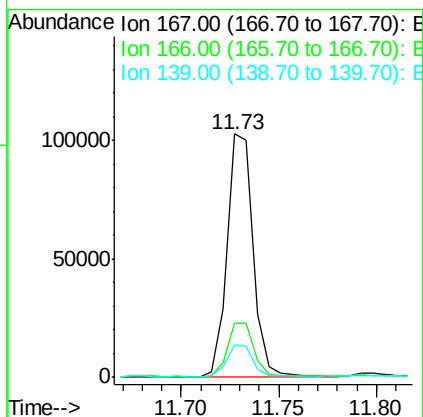
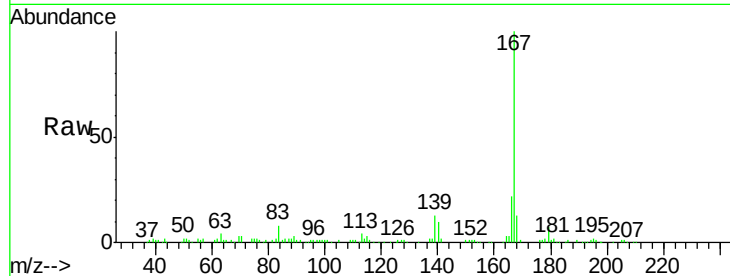




#73
 Carbazole
 Concen: 6.965 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110199.D
 Acq: 26 Oct 2018 9:25

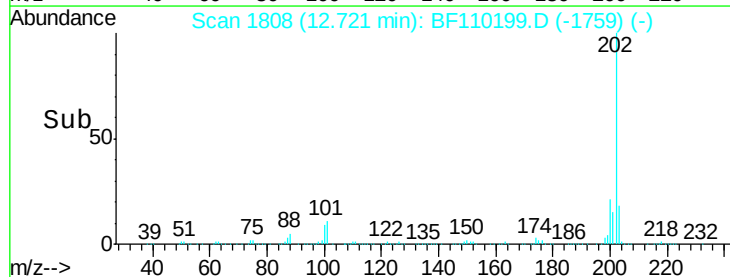
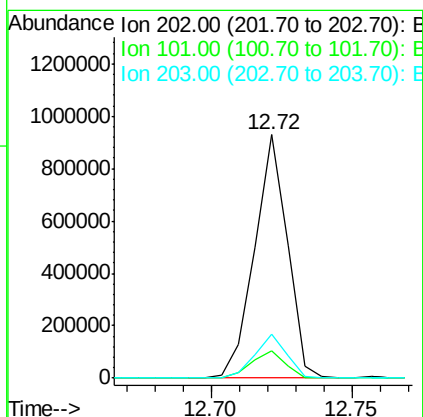
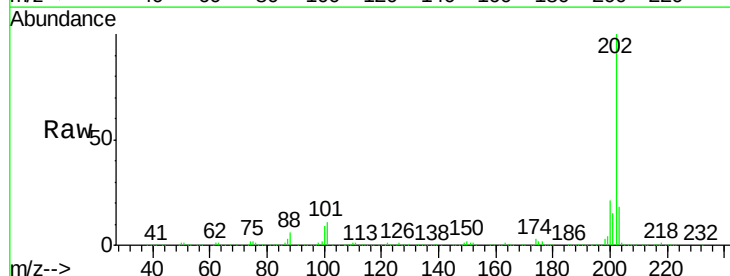
Instrument :
 BNA_F
 ClientSampleId :
 DW-05DL

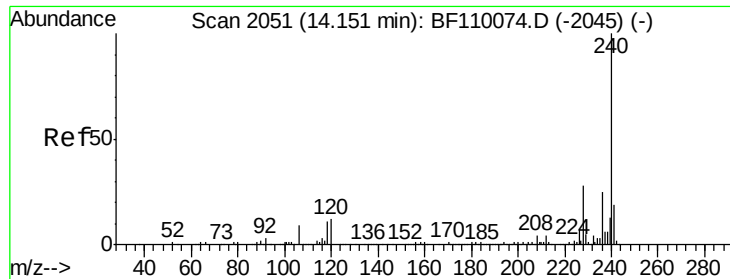
Tgt Ion:167 Resp: 95724
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.4 10.9 16.3



#75
 Fluoranthene
 Concen: 52.529 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110199.D
 Acq: 26 Oct 2018 9:25

Tgt Ion:202 Resp: 748623
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.4
 203 17.9 0.0 37.7

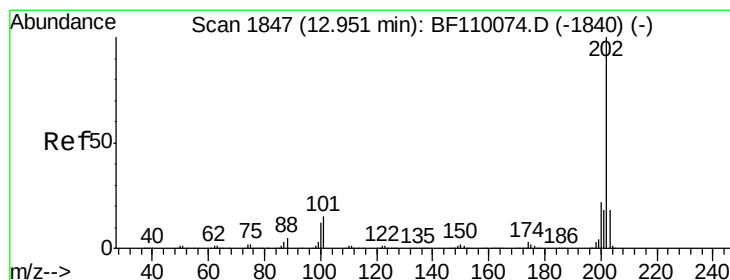
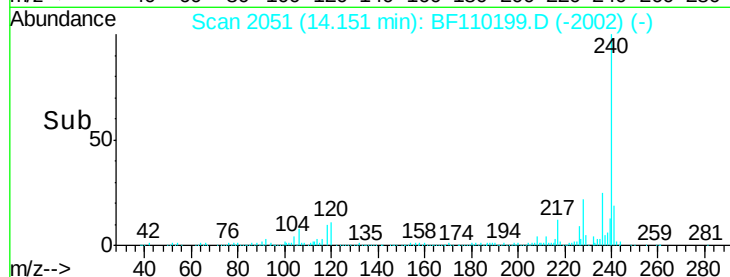
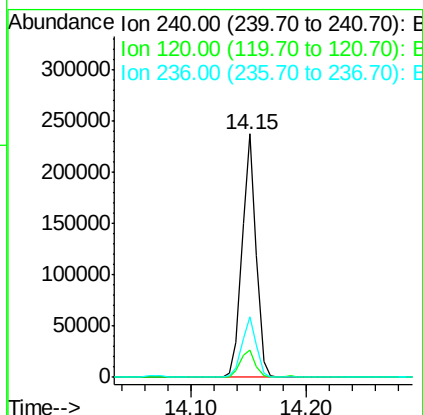
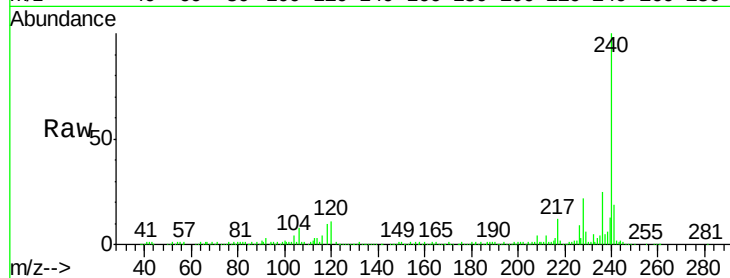




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

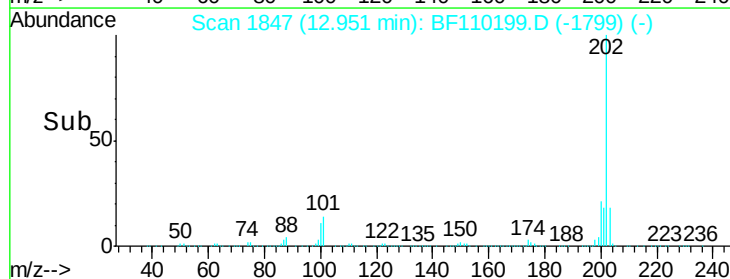
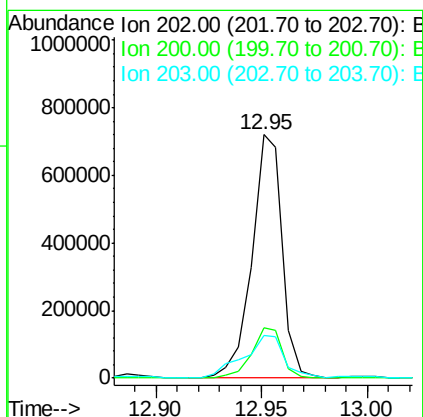
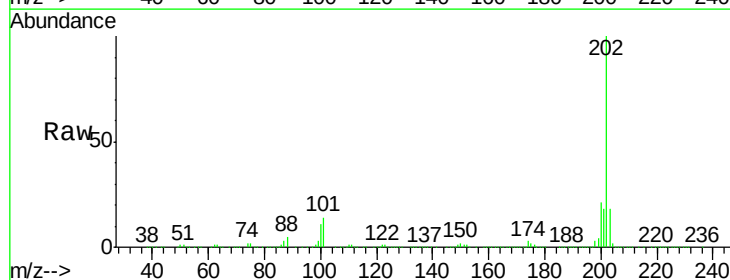
Instrument :
BNA_F
ClientSampleId :
DW-05DL

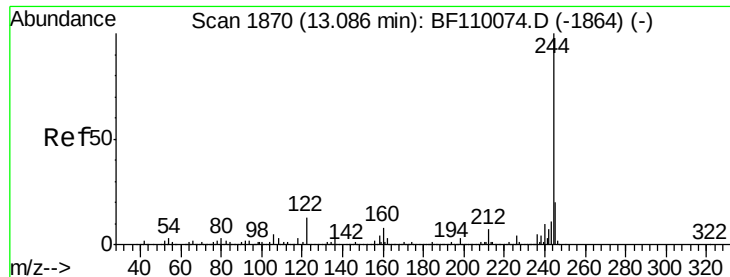
Tgt Ion:240 Resp: 200528
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.1 21.2 31.8



#78
Pyrene
Concen: 49.836 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:202 Resp: 716455
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 37.180 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampled :

DW-05DL

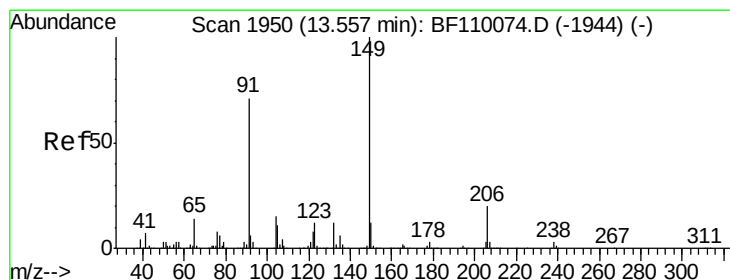
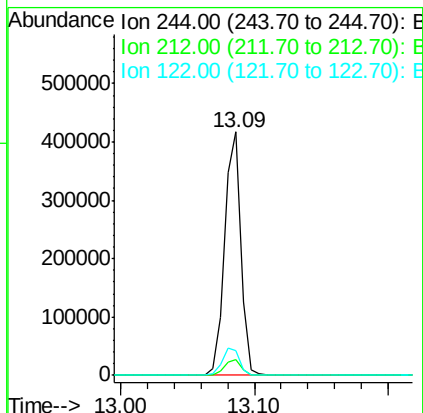
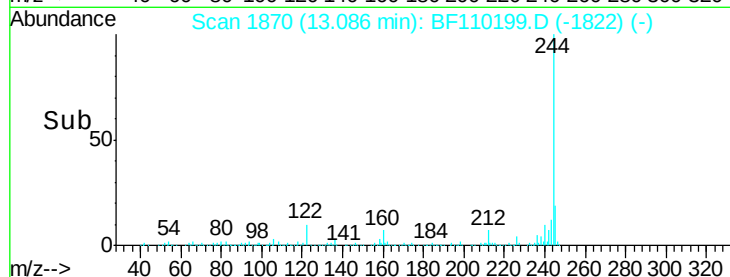
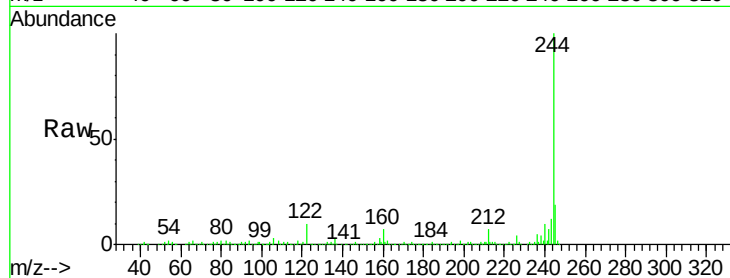
Tgt Ion:244 Resp: 358495

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

122 10.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 4.574 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

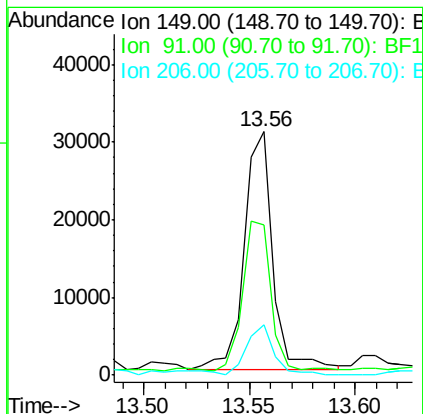
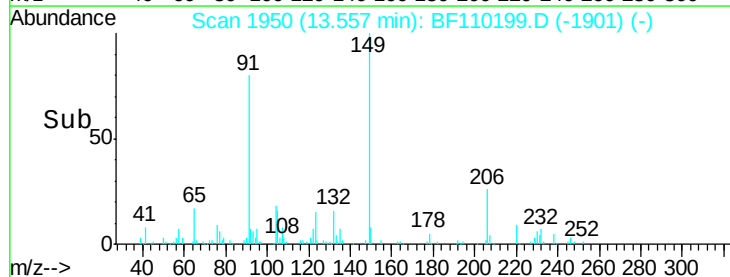
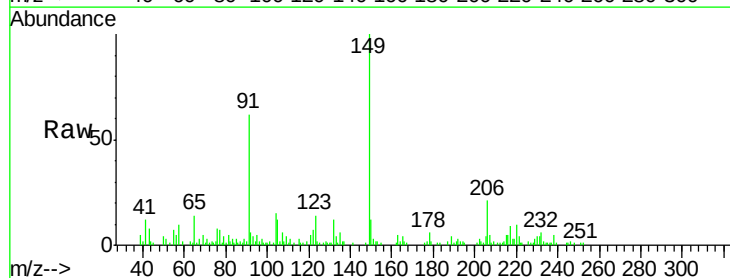
Tgt Ion:149 Resp: 28543

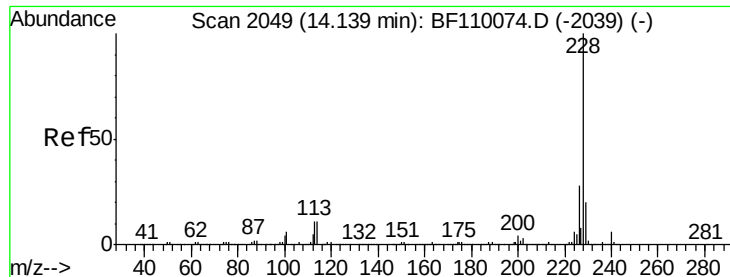
Ion Ratio Lower Upper

149 100

91 61.7 57.2 85.8

206 20.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 25.679 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampleId :

DW-05DL

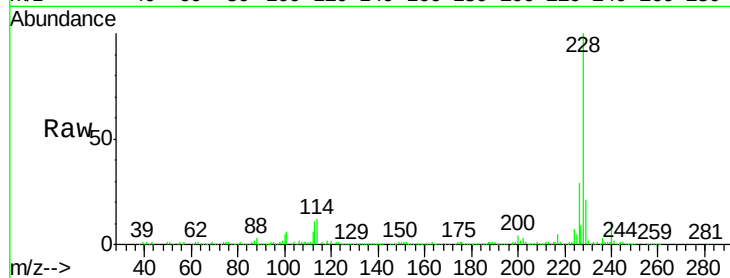
Tgt Ion:228 Resp: 305371

Ion Ratio Lower Upper

228 100

226 29.3 22.1 33.1

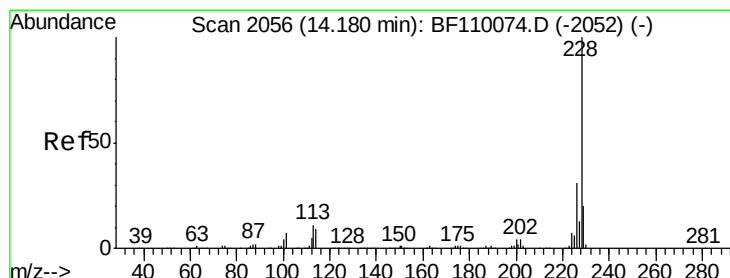
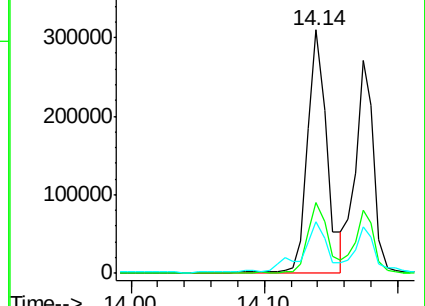
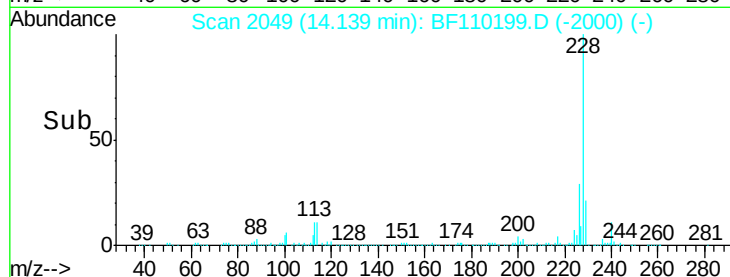
229 21.4 15.6 23.4



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



#83

Chrysene

Concen: 22.923 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

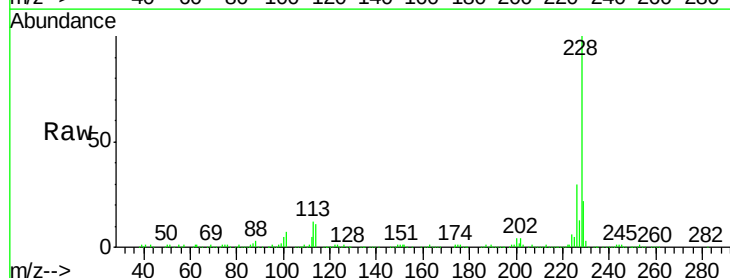
Tgt Ion:228 Resp: 258912

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

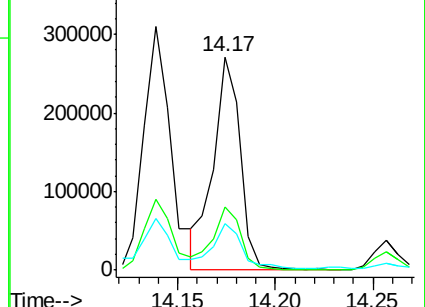
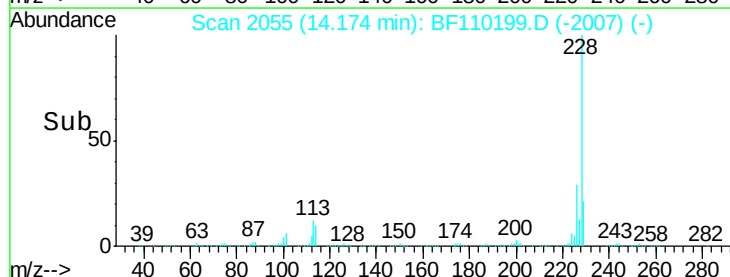
229 21.7 15.9 23.9

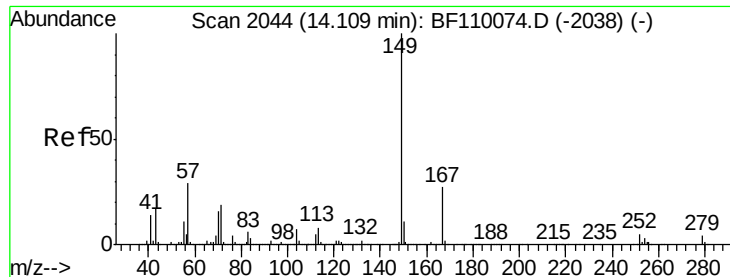


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.704 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

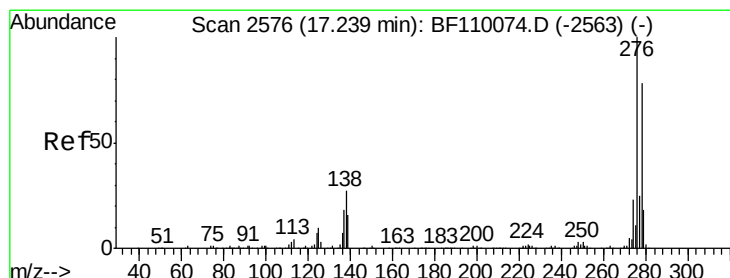
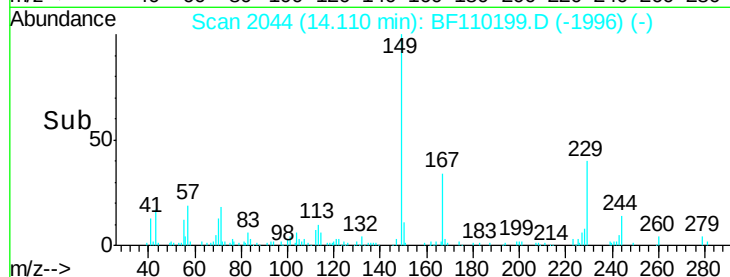
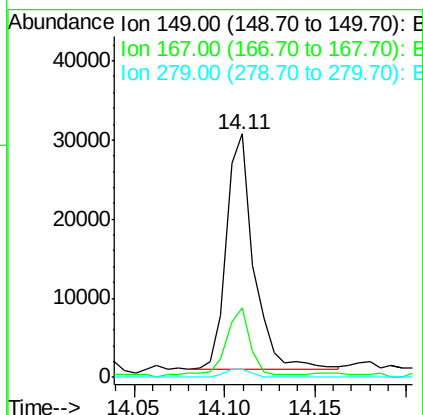
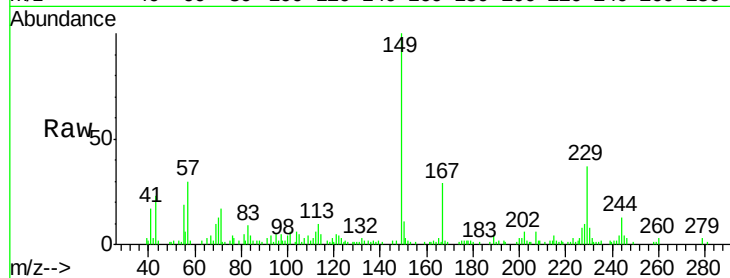
Instrument :

BNA_F

ClientSampleId :

DW-05DL

Tgt Ion:	149	Resp:	31240
Ion	Ratio	Lower	Upper
149	100		
167	28.8	19.8	29.8
279	3.4	2.7	4.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.300 ng

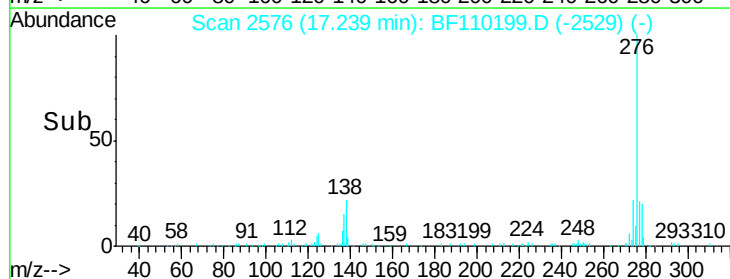
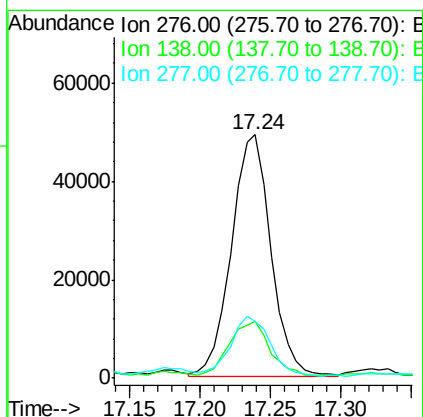
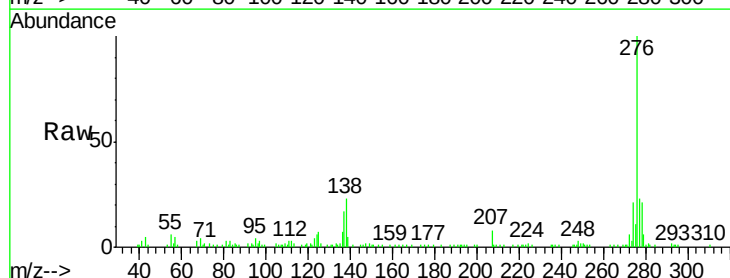
RT: 17.24 min Scan# 2576

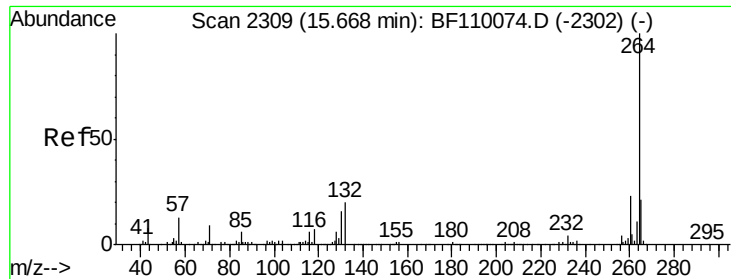
Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Tgt Ion:	276	Resp:	96511
Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.5	27.7
277	24.2	20.0	30.0

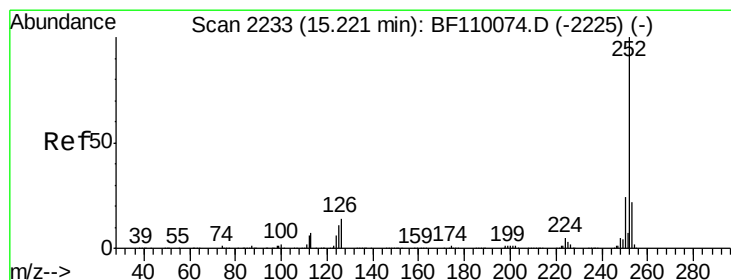
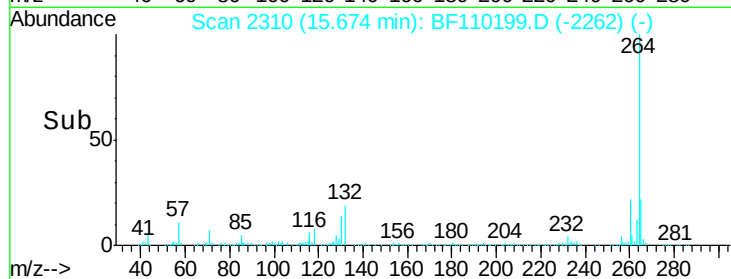
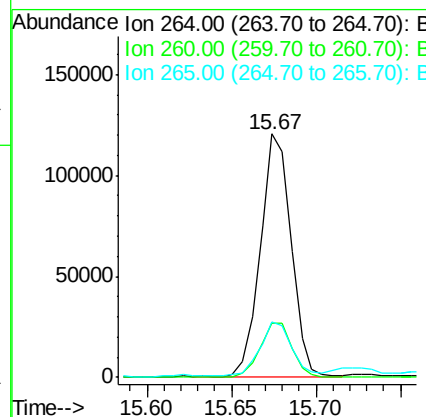
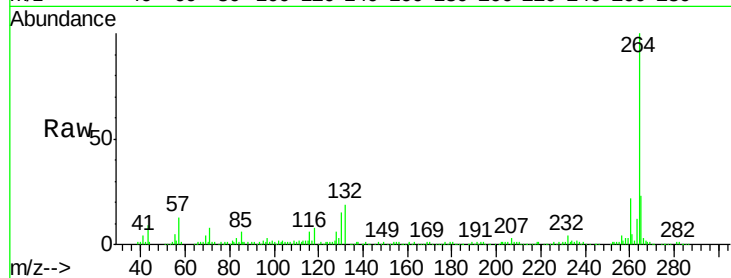




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

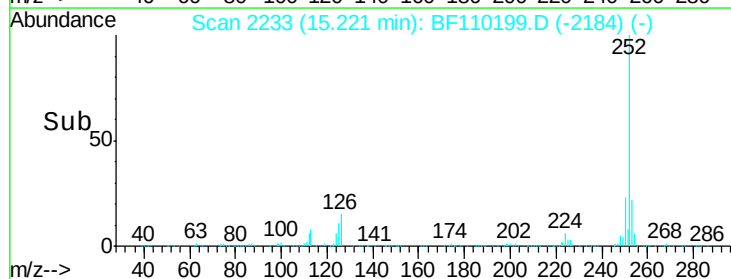
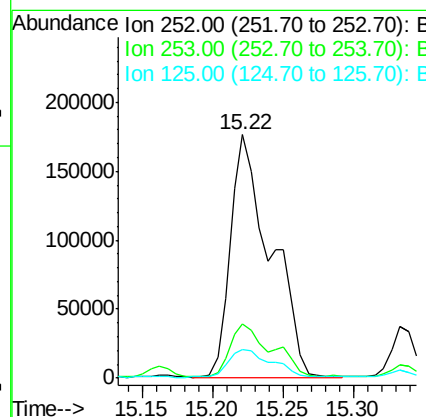
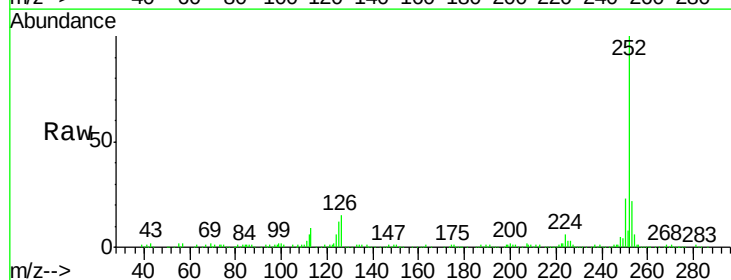
Instrument :
BNA_F
ClientSampleId :
DW-05DL

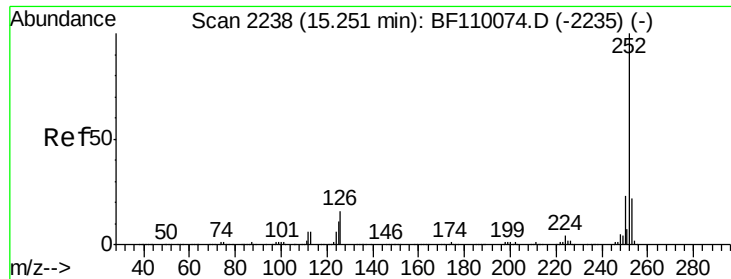
Tgt Ion:264 Resp: 154647
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 22.5 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 39.049 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:252 Resp: 348717
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.0 8.2 12.4

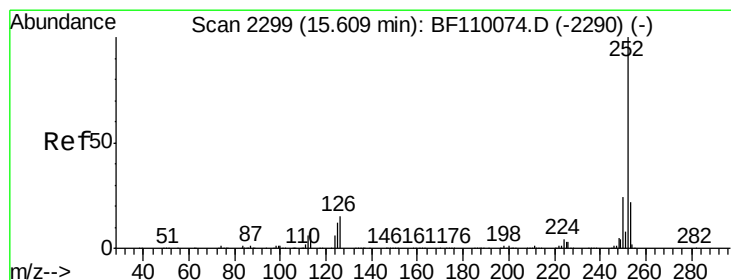
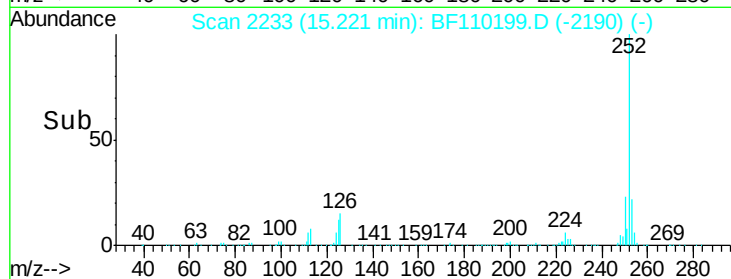
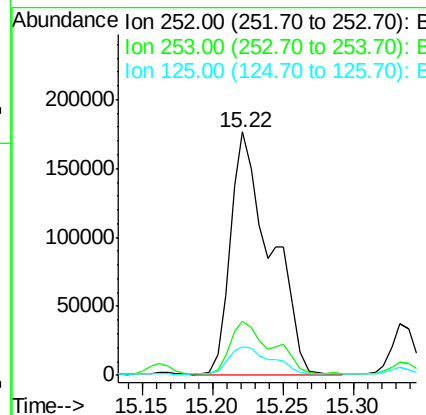
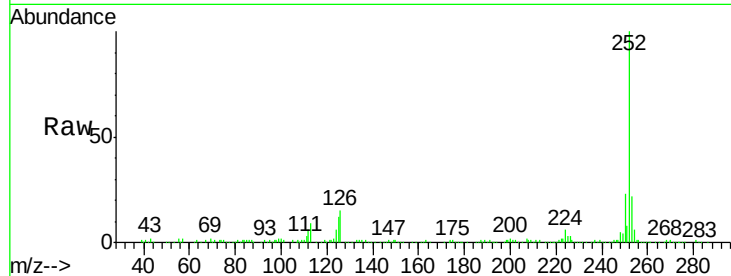




#89
Benzo(k)fluoranthene
Concen: 39.720 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

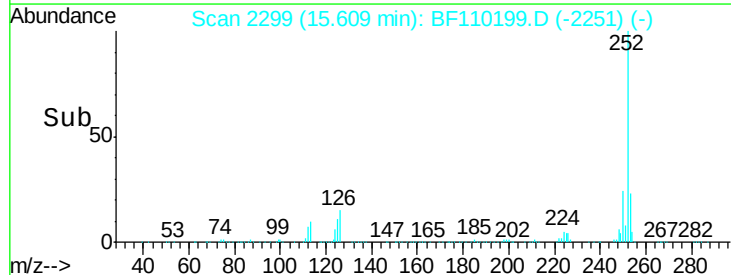
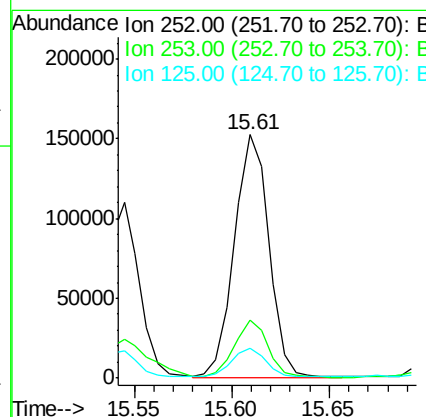
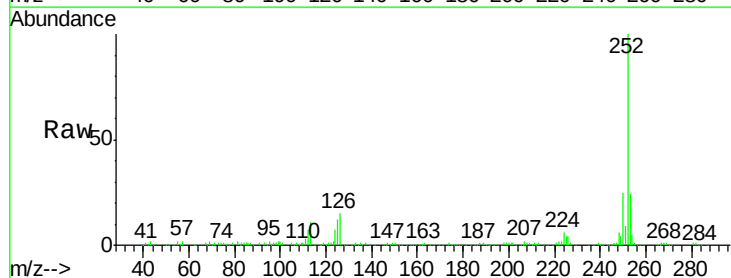
Instrument :
BNA_F
ClientSampleId :
DW-05DL

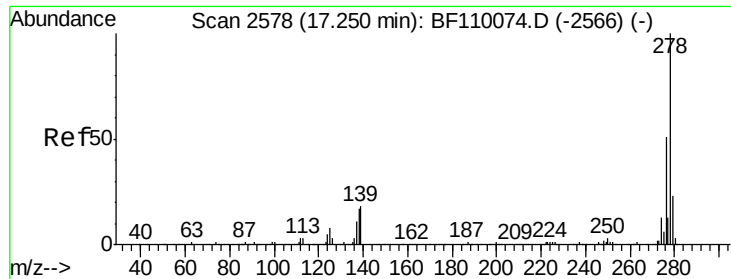
Tgt Ion:252 Resp: 348717
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.0 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 22.698 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110199.D
Acq: 26 Oct 2018 9:25

Tgt Ion:252 Resp: 186517
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 12.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 3.369 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.04 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

Instrument :

BNA_F

ClientSampled :

DW-05DL

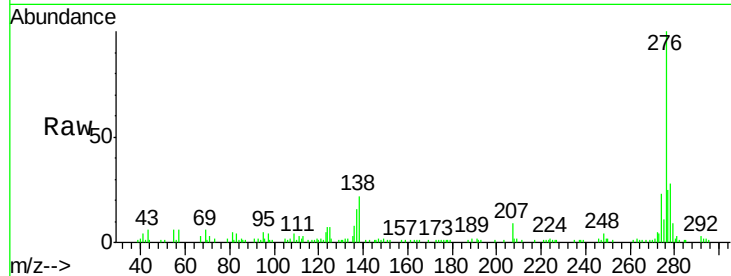
Tgt Ion: 278 Resp: 23886

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

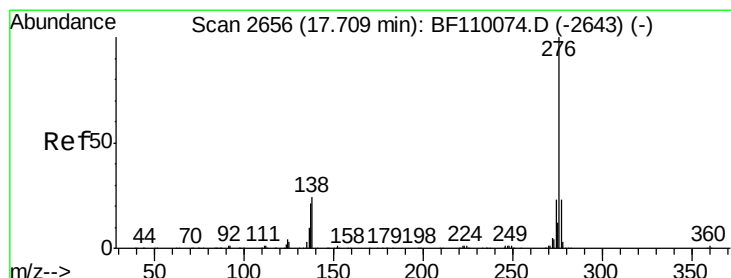
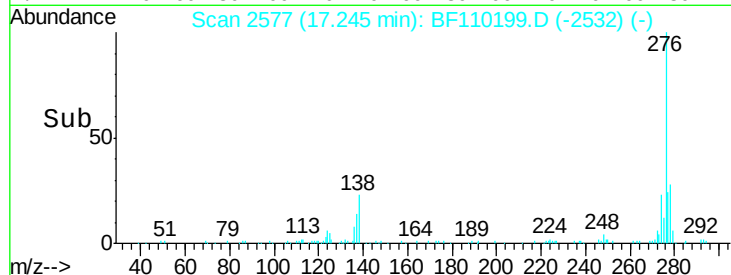
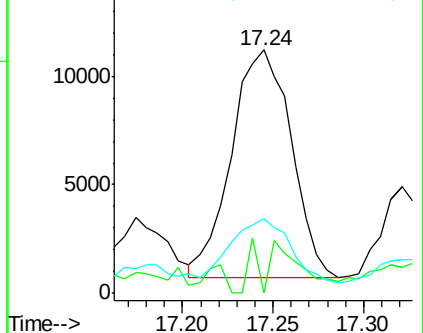
279 30.7 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 13.293 ng

RT: 17.72 min Scan# 2657

Delta R.T. -0.02 min

Lab File: BF110199.D

Acq: 26 Oct 2018 9:25

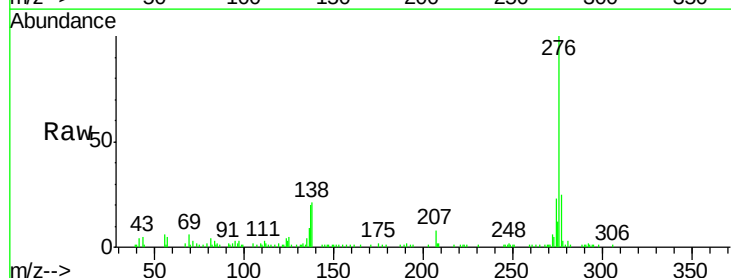
Tgt Ion: 276 Resp: 92874

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 21.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

