

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104633.D
 Acq On : 19 Apr 2018 17:38
 Operator : JU/SJ
 Sample : J2157-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:54:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137861	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	566627	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	249130	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	406513	20.00	ng	0.00
75) Chrysene-d12	13.98	240	266050	20.00	ng	0.00
86) Perylene-d12	15.45	264	245724	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	822332	91.21	ng	0.00
7) Phenol-d6	6.45	99	1024394	92.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	636679	73.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	237790	92.01	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	920889	58.39	ng	0.00
78) Terphenyl-d14	12.92	244	688671	59.01	ng	0.00

Target Compounds

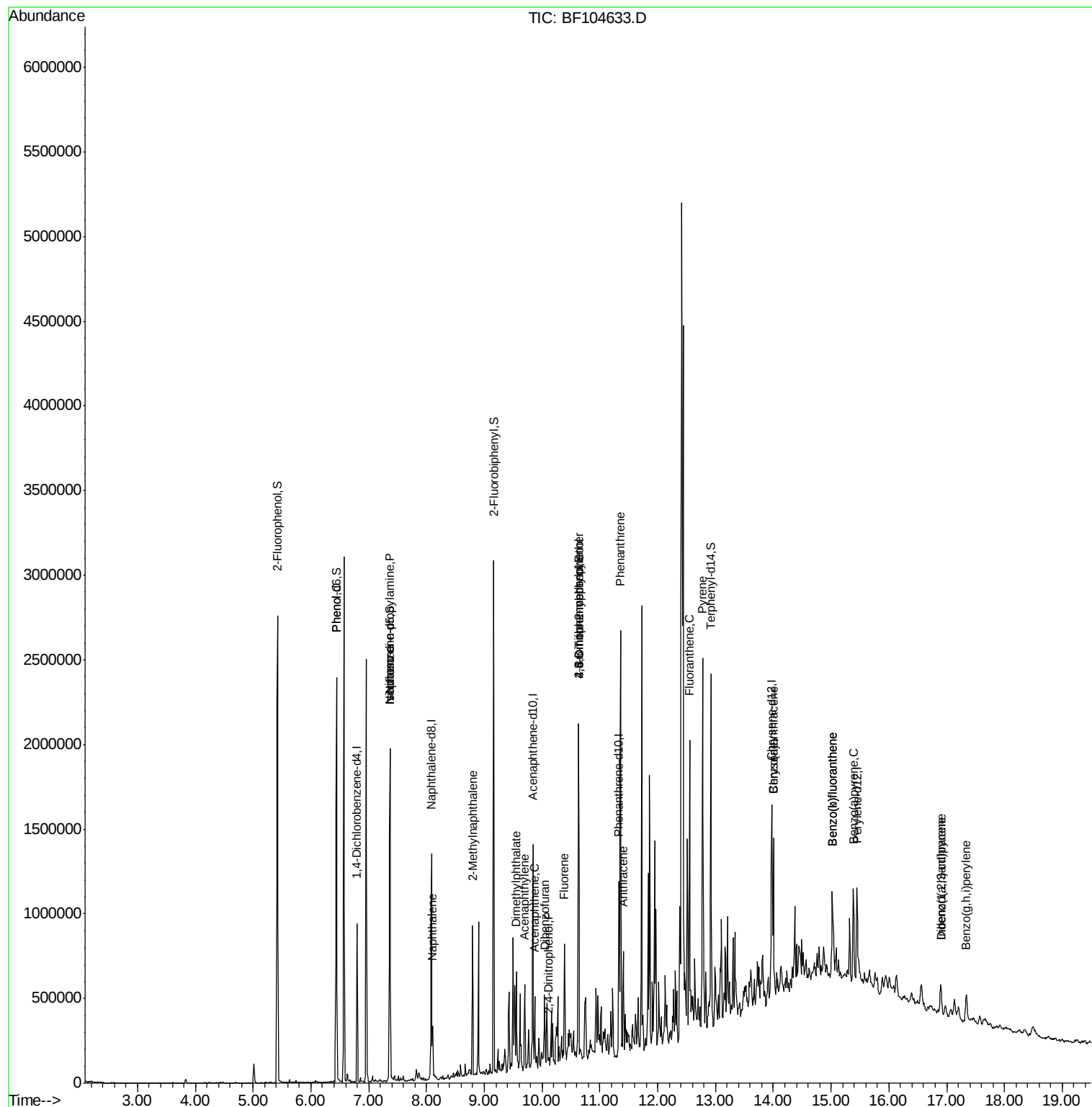
						Qvalue
10) Phenol	6.45	94	57455	4.888	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	84083	11.615	ng	# 72
25) Isophorone	7.37	82	633195	34.507	ng	# 64
31) Naphthalene	8.10	128	166676	5.907	ng	99
37) 2-Methylnaphthalene	8.80	142	215002	11.780	ng	99
48) Acenaphthylene	9.70	152	122939	4.740	ng	97
49) Dimethylphthalate	9.56	163	171396	8.724	ng	99
51) Acenaphthene	9.87	154	73955	4.673	ng	98
53) 2,4-Dinitrophenol	10.12	184	231	5.358	ng	# 32
54) Dibenzofuran	10.05	168	61403	2.784	ng	# 90
57) Fluorene	10.39	166	192055	11.964	ng	99
64) 4,6-Dinitro-2-methylphenol	10.63	198	430	7.531	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	14565	3.368	ng	# 1
70) Phenanthrene	11.36	178	883366	39.021	ng	99
71) Anthracene	11.40	178	207908	9.035	ng	99
74) Fluoranthene	12.55	202	648603	27.422	ng	98
76) Benzydine	12.64	184	1199	Below Cal		# 1
77) Pyrene	12.78	202	875317	44.386	ng	99
80) Benzo(a)anthracene	14.00	228	372758	23.453	ng	95
82) Chrysene	14.00	228	372758	22.833	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	114836	8.280	ng	94
87) Benzo(b)fluoranthene	15.02	252	378208	24.370	ng	# 93
88) Benzo(k)fluoranthene	15.02	252	378208	25.813	ng	96
89) Benzo(a)pyrene	15.39	252	257528	18.546	ng	96
90) Dibenzo(a,h)anthracene	16.90	278	34464	3.022	ng	# 71
91) Benzo(g,h,i)perylene	17.34	276	128744	11.652	ng	96

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

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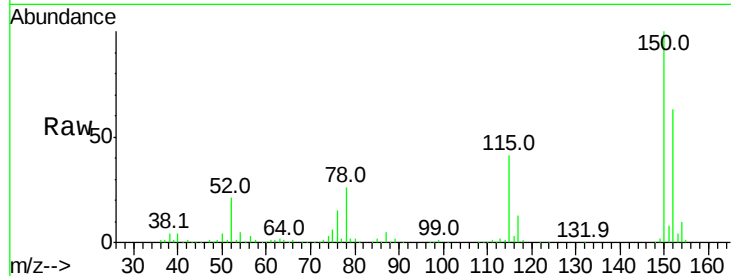


#1

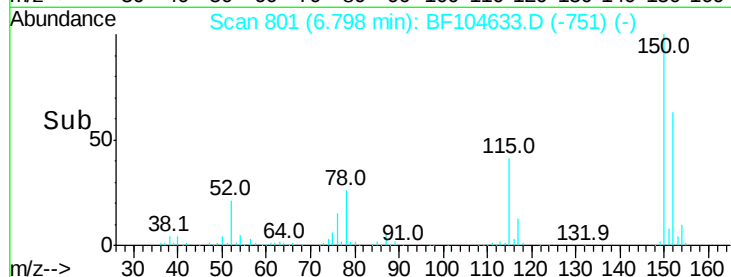
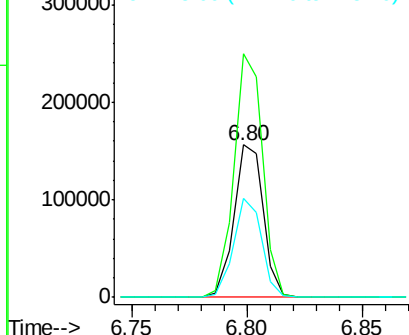
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137861
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 65.1 50.1 75.1



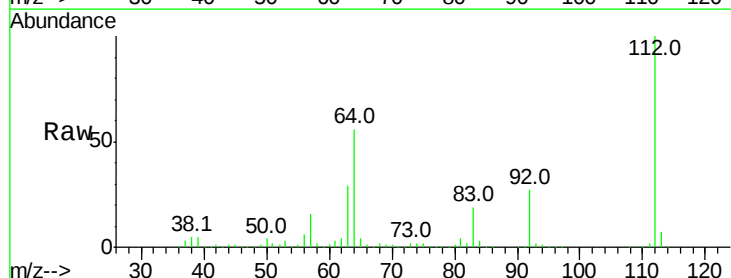
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



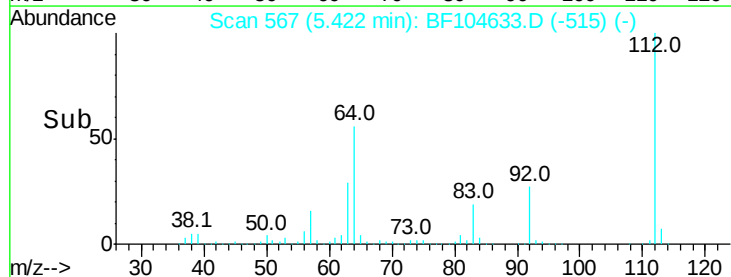
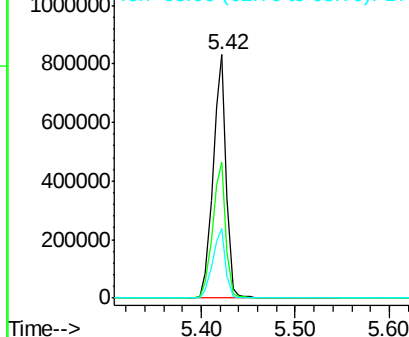
#5

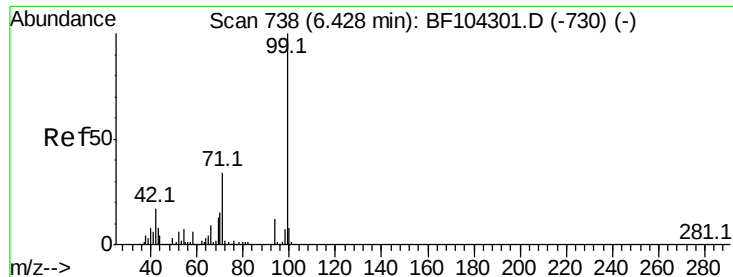
2-Fluorophenol
Concen: 91.207 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:112 Resp: 822332
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.6 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: 92.472 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampleId :

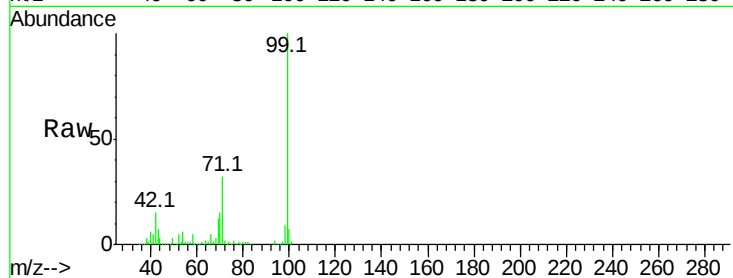
Tot Ion: 99 Resp: 1024394

Ion Ratio Lower Upper

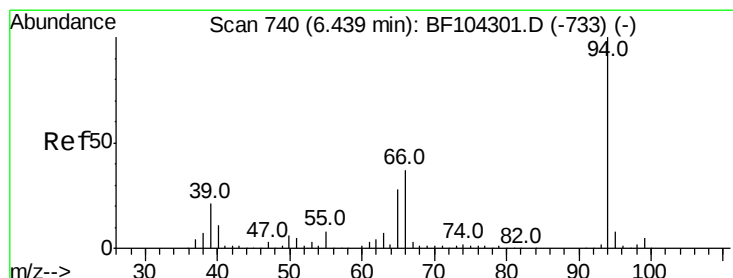
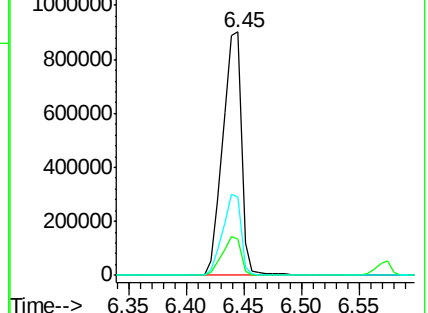
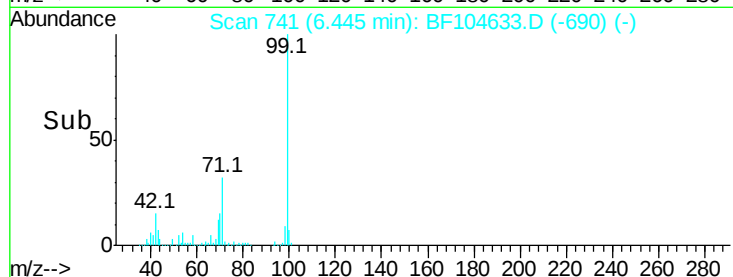
99 100

42 15.0 14.5 21.7

71 32.3 25.4 38.0



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: 4.888 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

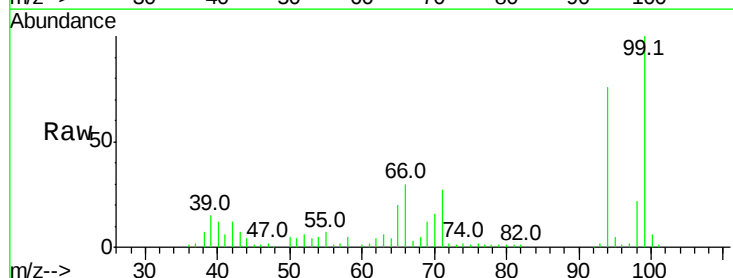
Tgt Ion: 94 Resp: 57455

Ion Ratio Lower Upper

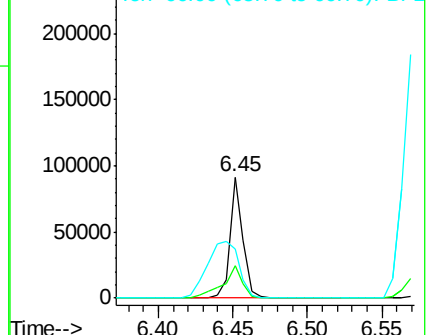
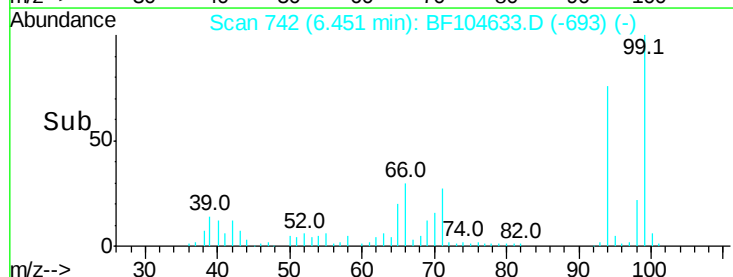
94 100

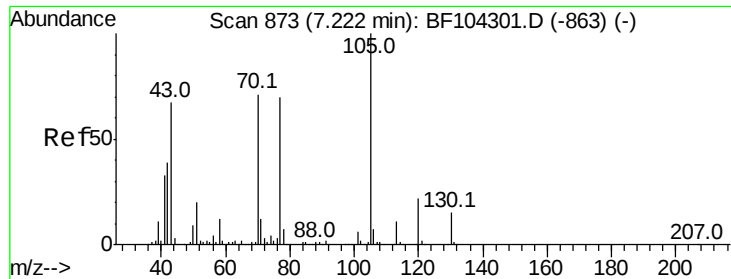
65 26.7 7.9 47.9

66 40.2 16.2 56.2



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

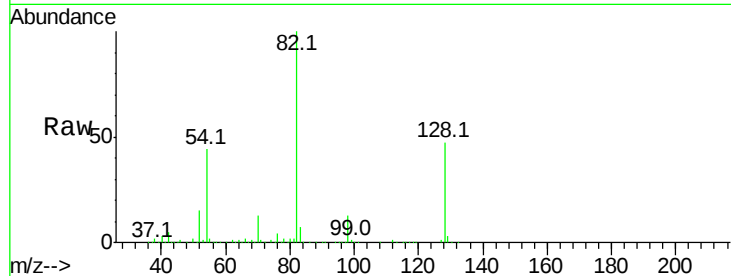




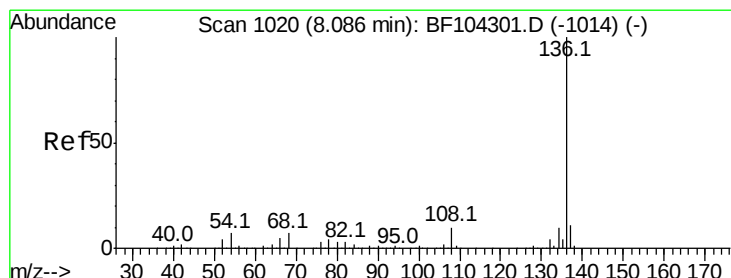
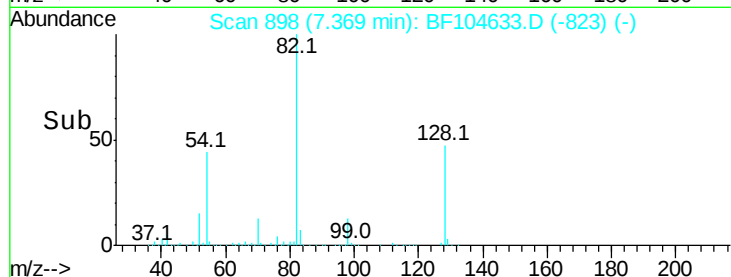
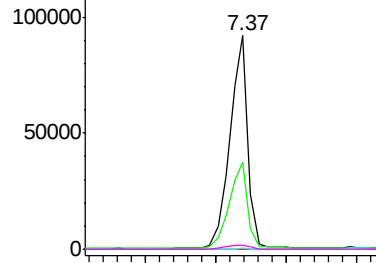
#19
n-Nitroso-di-n-propylamine
Concen: 11.615 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84083
Ion Ratio Lower Upper
70 100
42 41.1 47.5 71.3#
101 0.3 7.4 11.2#
130 2.0 16.6 25.0#

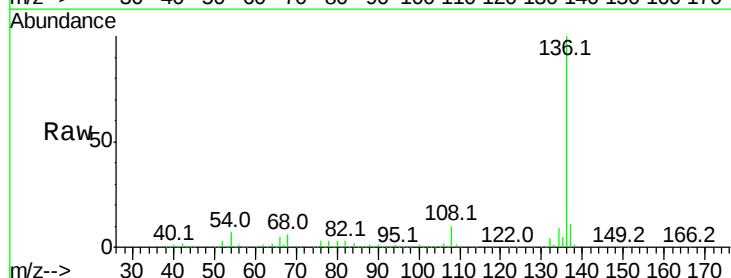


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

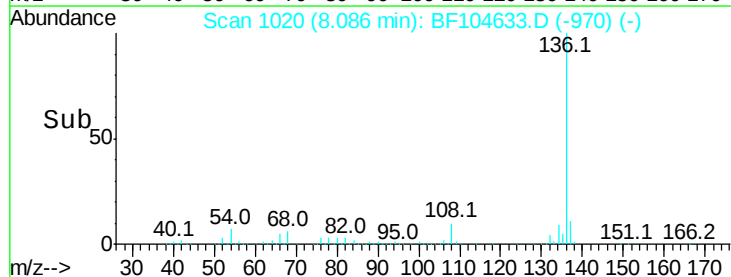
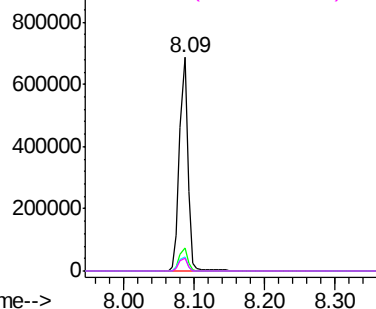


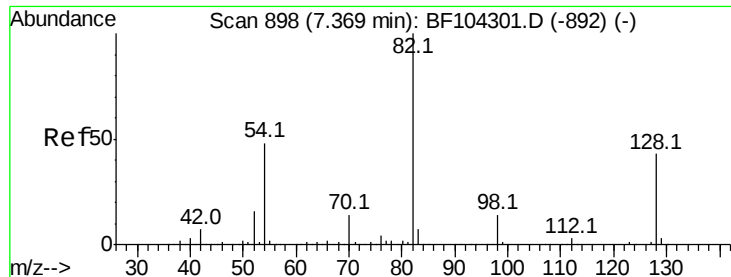
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:136 Resp: 566627
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 6.6 9.8
68 6.1 5.0 7.4



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





#23

Nitrobenzene-d5

Concen: 73.371 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampled :

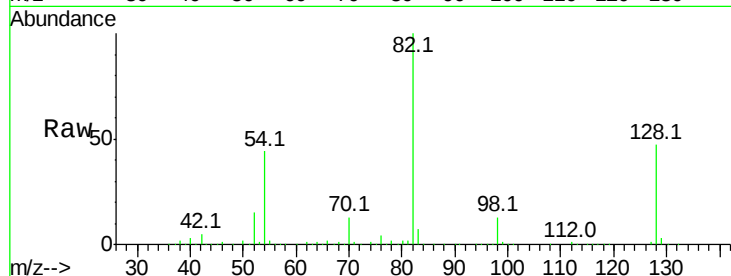
Tot Ion: 82 Resp: 636679

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

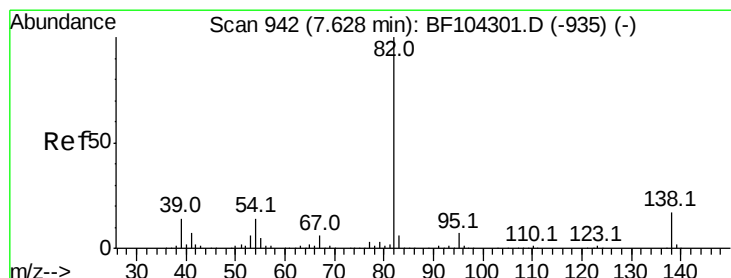
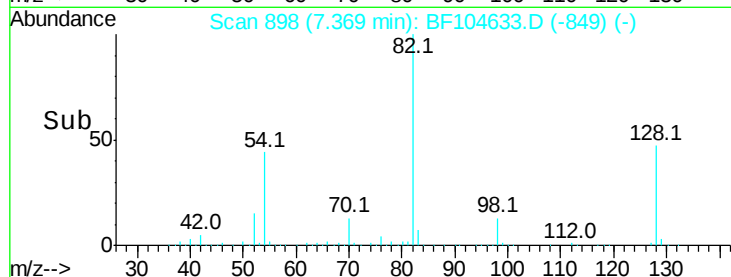
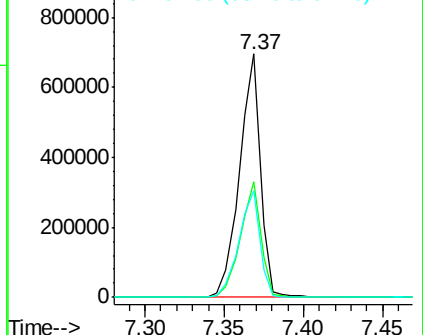
54 44.0 41.4 62.2



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



#25

Isophorone

Concen: 34.507 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

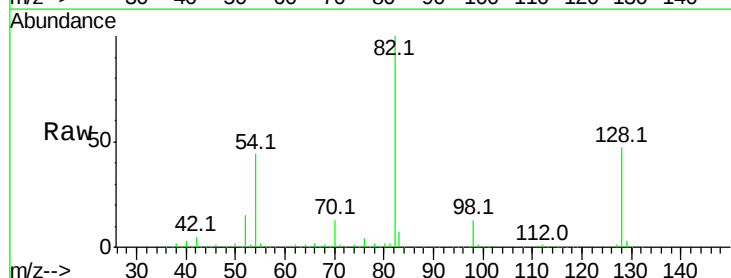
Tgt Ion: 82 Resp: 633195

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

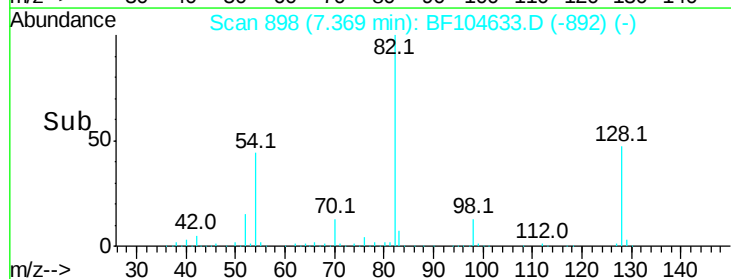
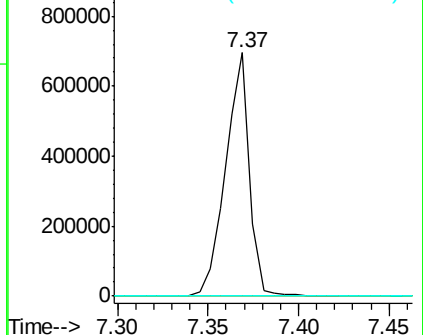
138 0.0 14.9 22.3#

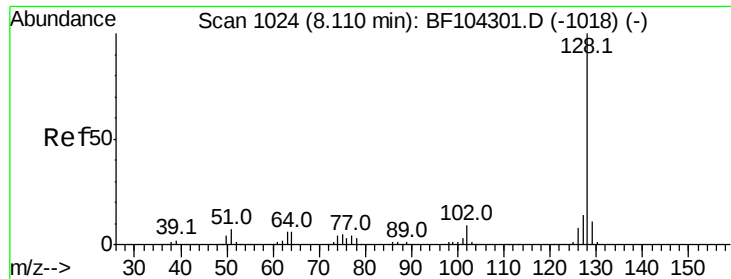


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

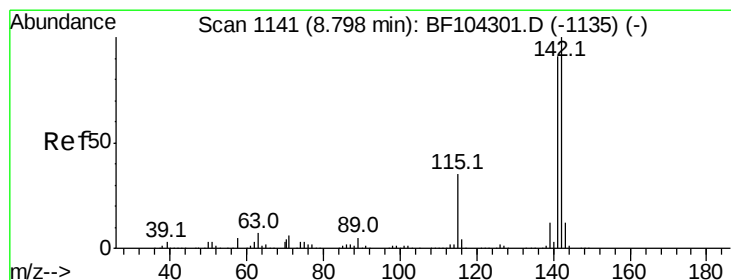
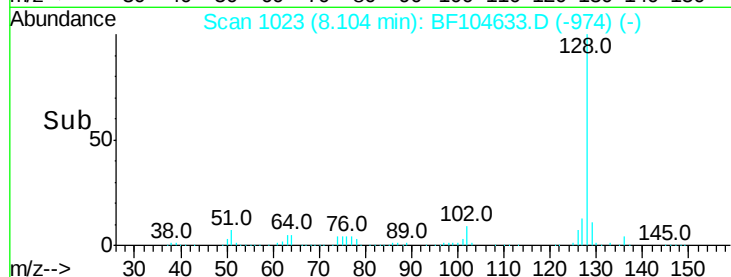
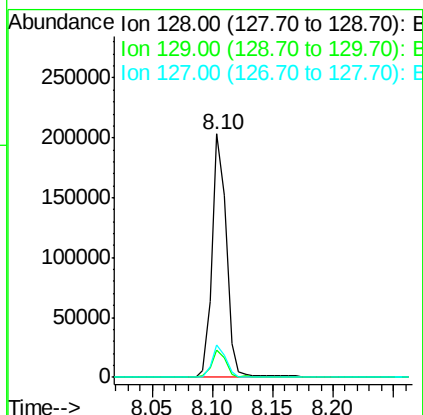
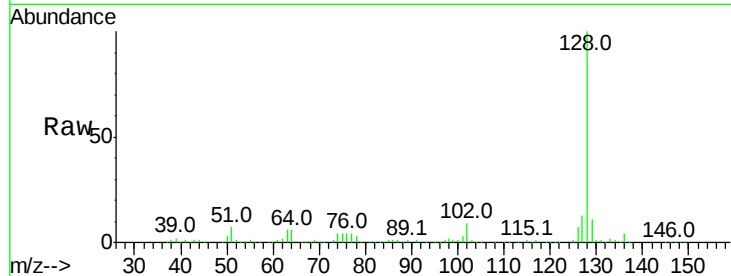




#31
Naphthalene
Concen: 5.907 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

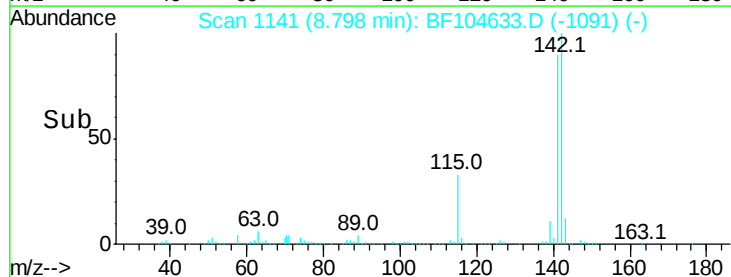
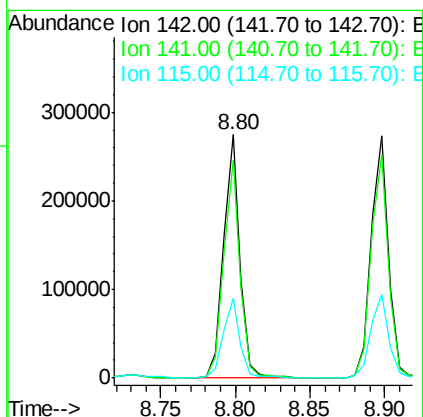
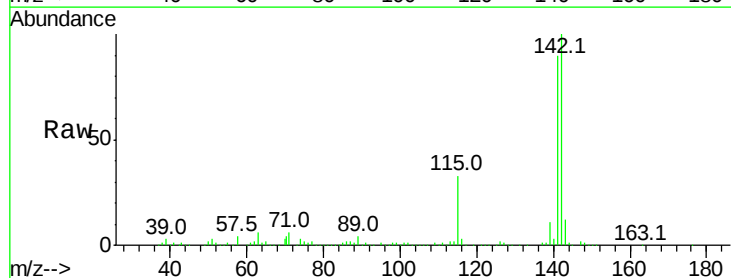
Instrument :
BNA_F
ClientSampleId :

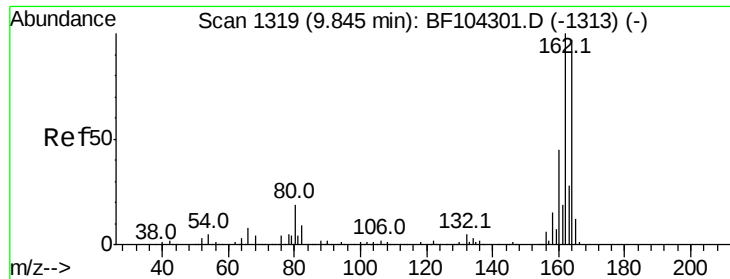
Tot Ion:128 Resp: 166676
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3



#37
2-Methylnaphthalene
Concen: 11.780 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:142 Resp: 215002
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 32.9 26.1 39.1

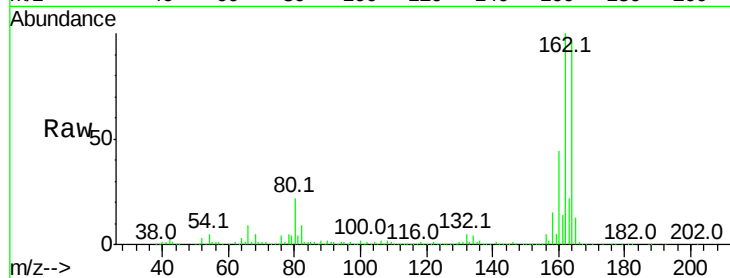




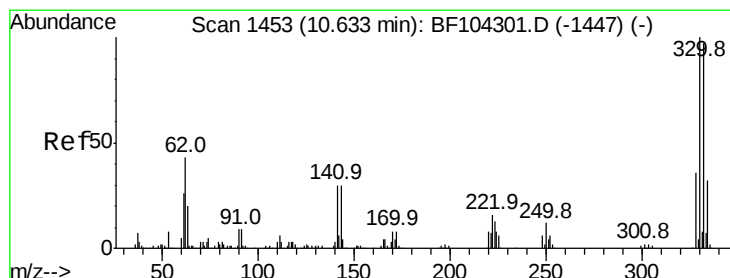
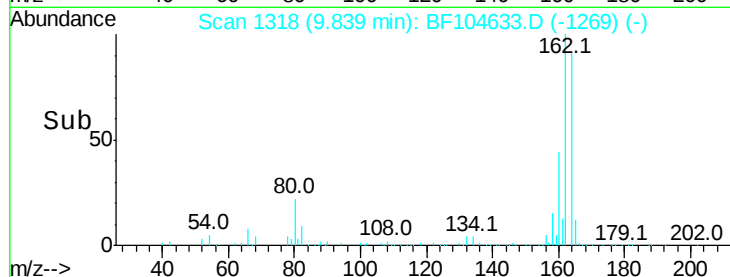
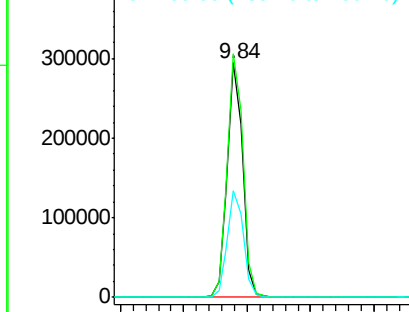
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5

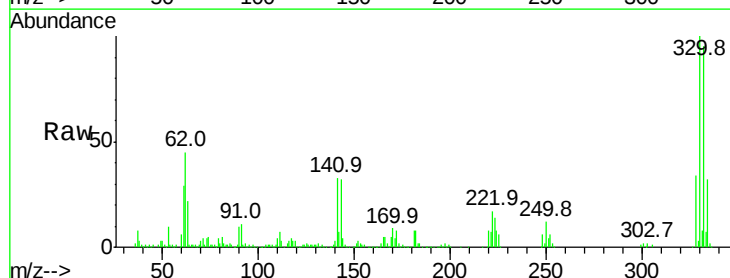


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

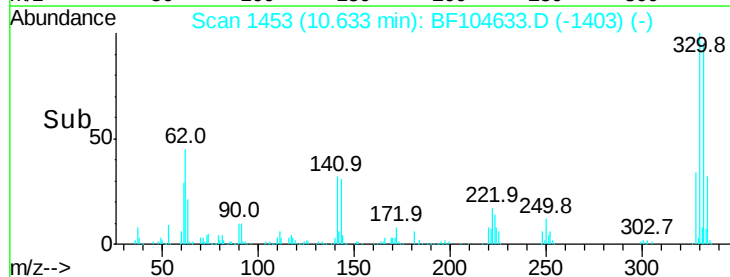
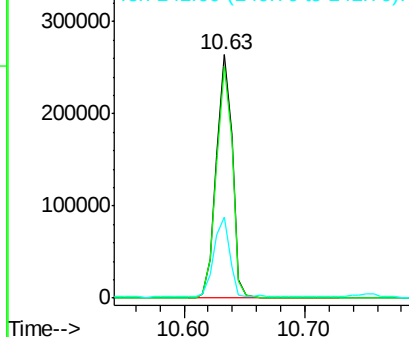


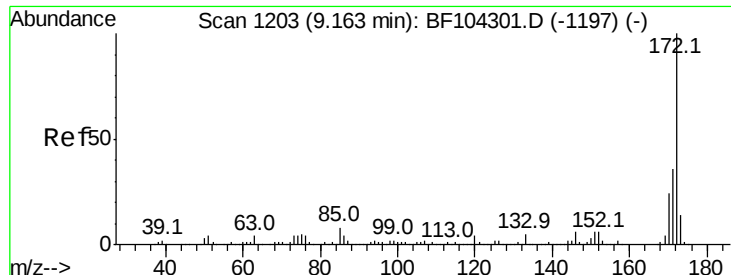
#41
 2,4,6-Tribromophenol
 Concen: 92.014 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.9	29.9	44.9



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

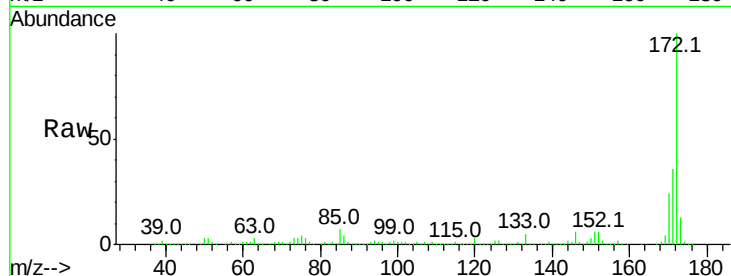




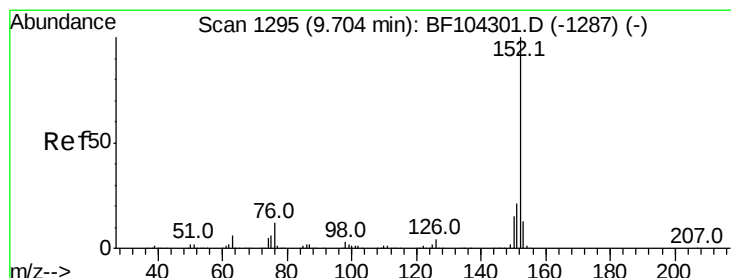
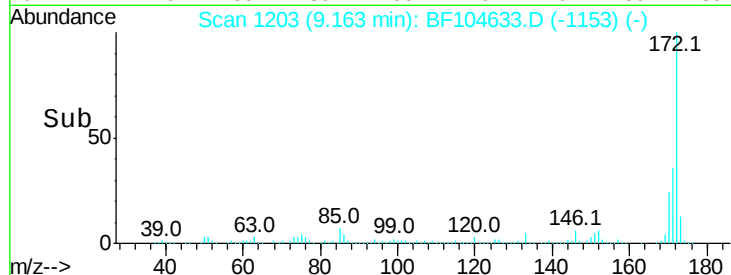
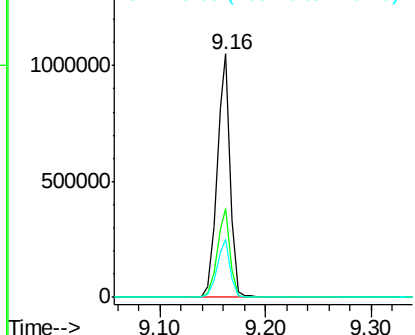
#44
2-Fluorobiphenyl
Concen: 58.394 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 920889
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

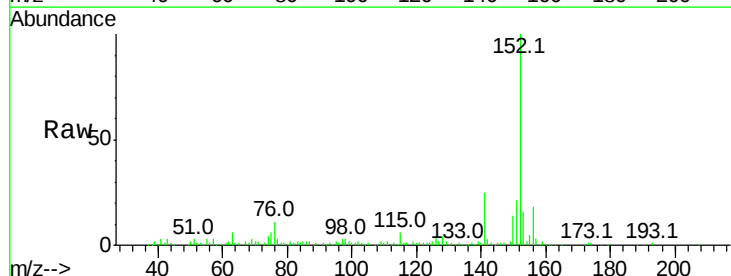


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

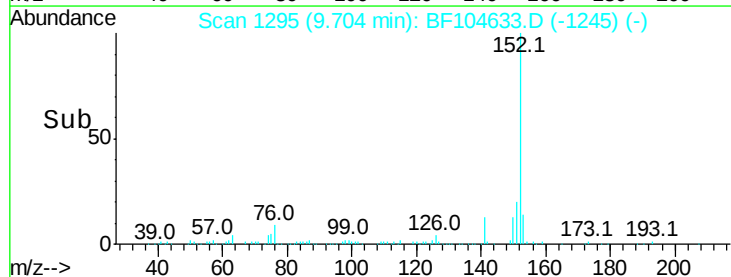
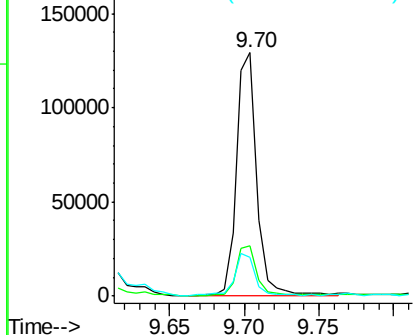


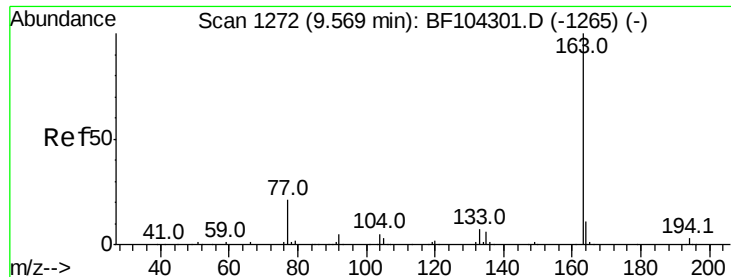
#48
Acenaphthylene
Concen: 4.740 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:152 Resp: 122939
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 16.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 8.724 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampled :

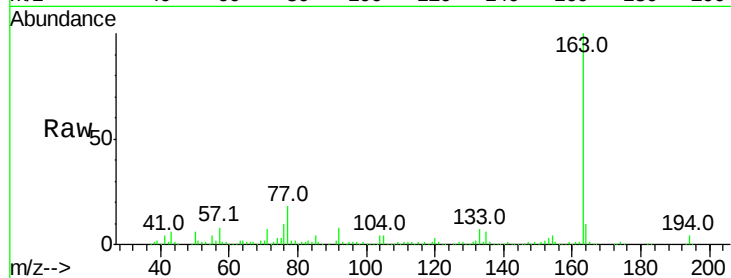
Tot Ion:163 Resp: 171396

Ion Ratio Lower Upper

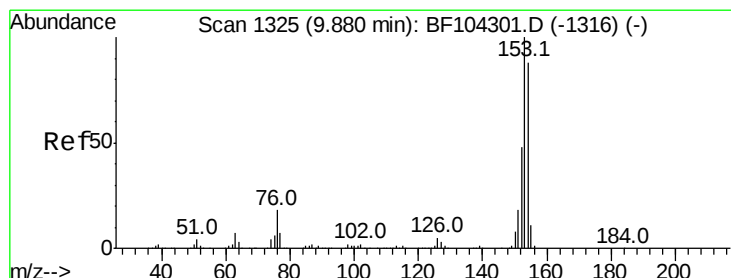
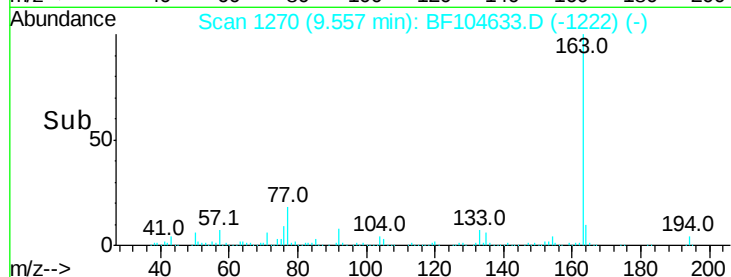
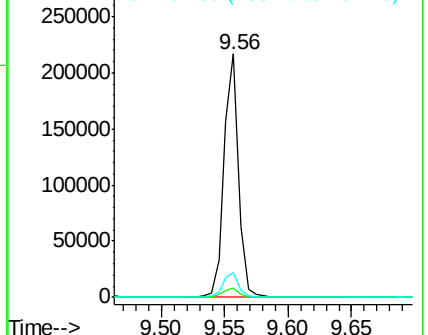
163 100

194 3.8 2.7 4.1

164 10.0 8.2 12.2



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

Acenaphthene

Concen: 4.673 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

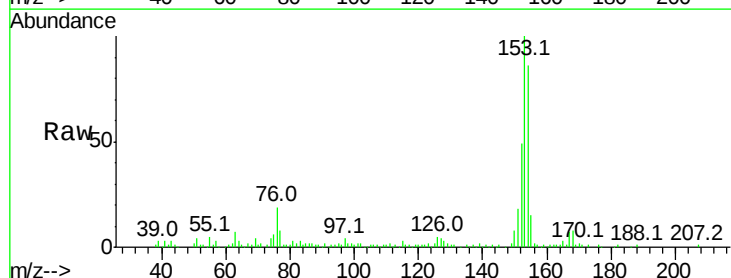
Tgt Ion:154 Resp: 73955

Ion Ratio Lower Upper

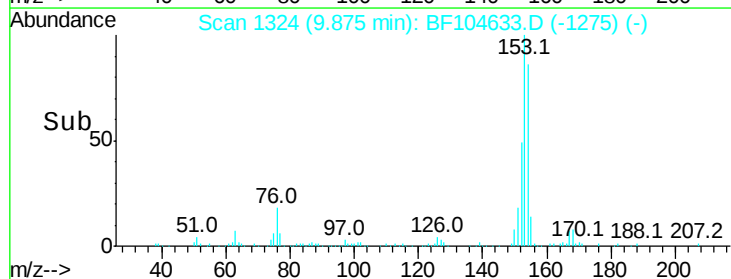
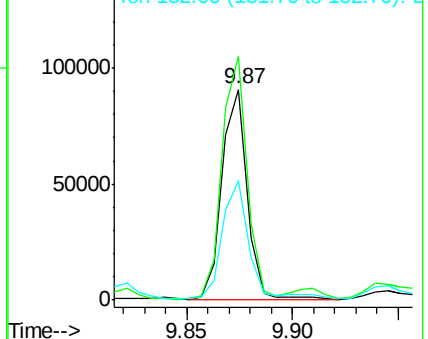
154 100

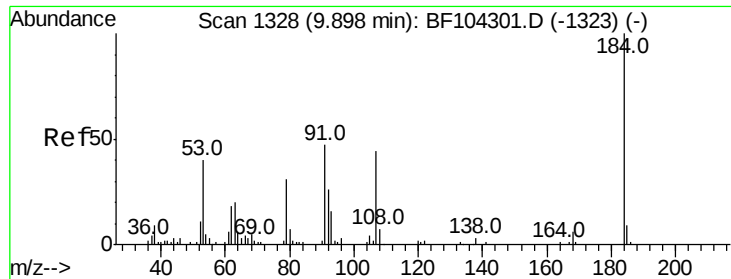
153 115.7 91.2 136.8

152 57.1 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

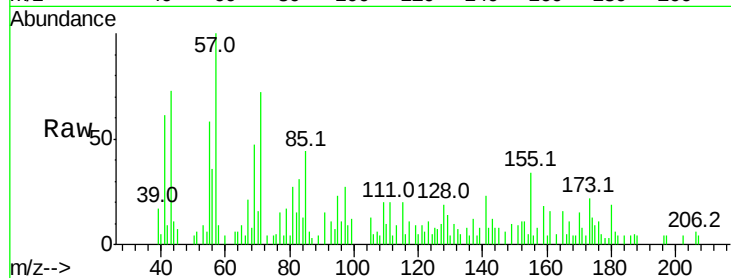




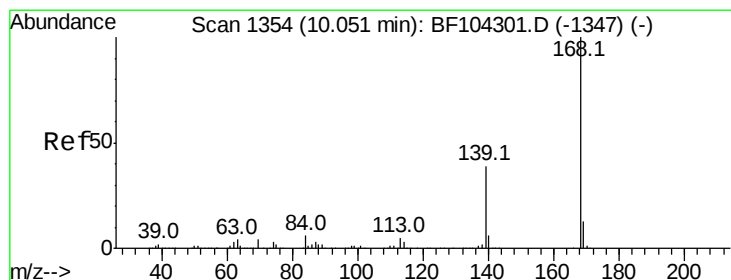
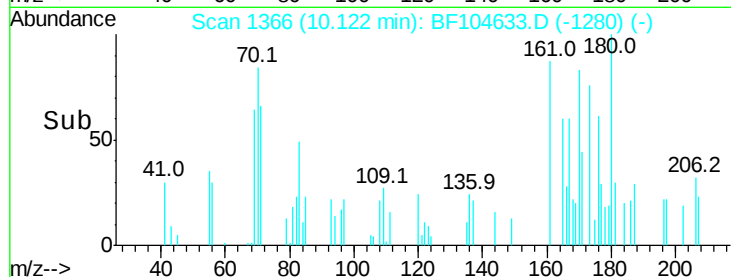
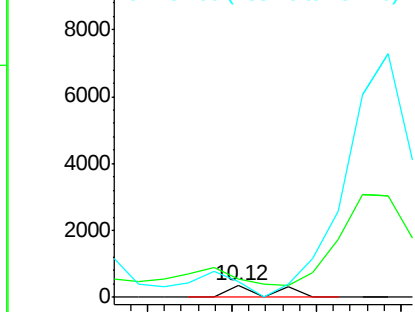
#53
 2,4-Dinitrophenol
 Concen: 5.358 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.21 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 231
 Ion Ratio Lower Upper
 184 100
 63 159.6 54.2 81.2#
 154 138.9 184.0 276.0#

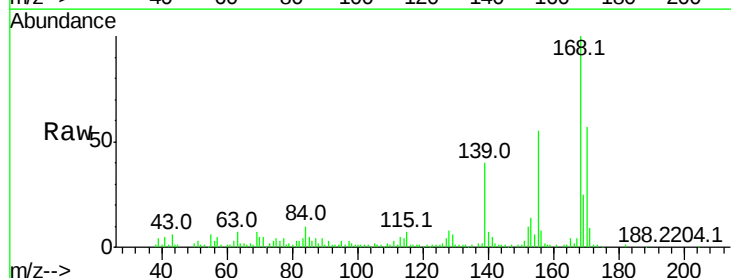


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

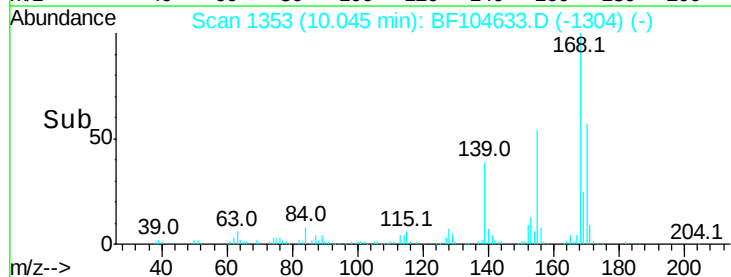
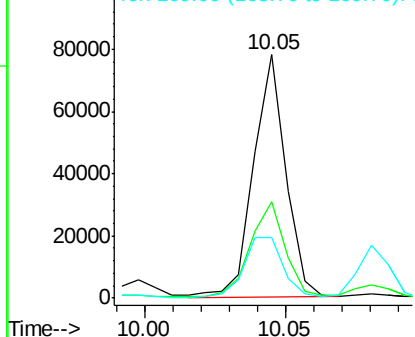


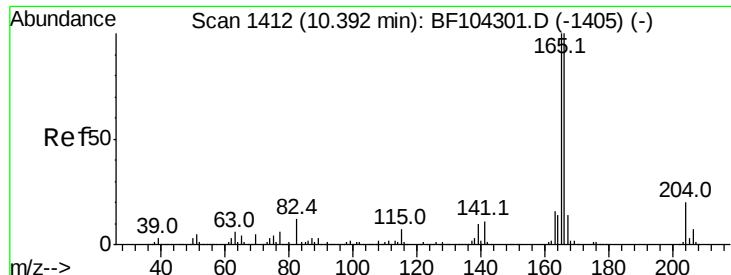
#54
 Dibenzofuran
 Concen: 2.784 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Tgt Ion:168 Resp: 61403
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 24.8 10.9 16.3#



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





#57

Fluorene

Concen: 11.964 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampled :

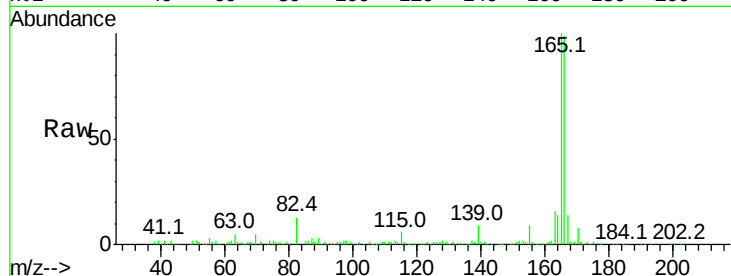
Tot Ion:166 Resp: 192055

Ion Ratio Lower Upper

166 100

165 101.0 79.8 119.8

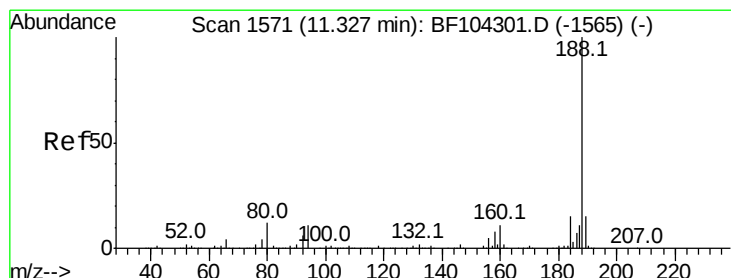
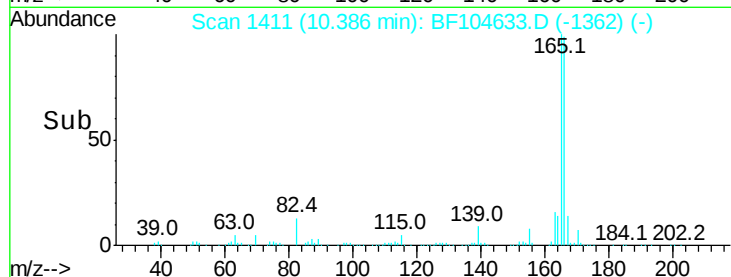
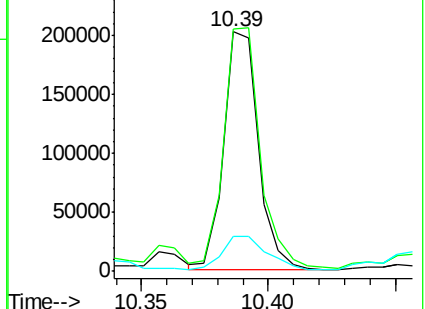
167 14.4 10.6 16.0



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

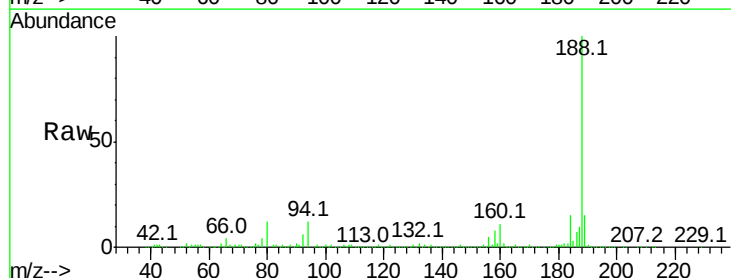
Tgt Ion:188 Resp: 406513

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

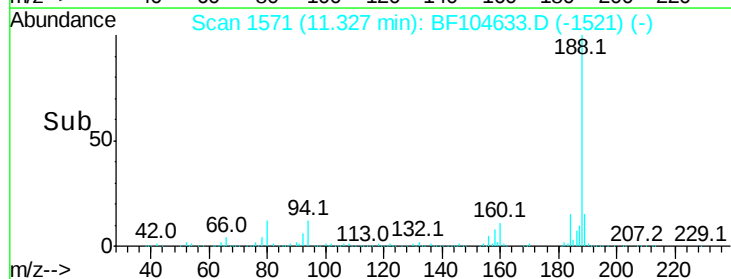
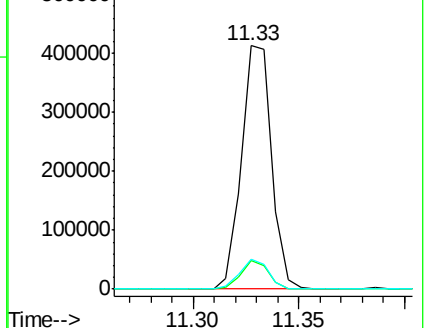
80 12.2 9.2 13.8

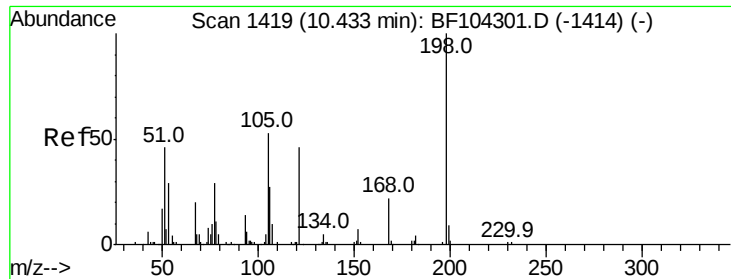


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 7.531 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.18 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampleId :

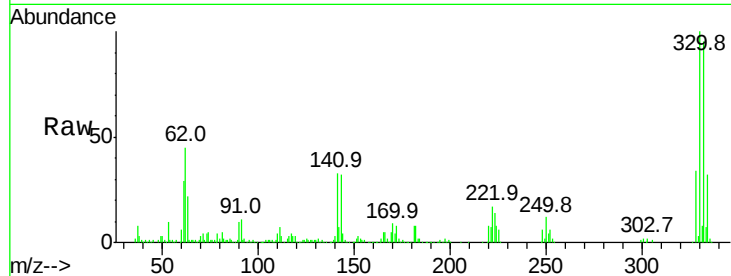
Tot Ion:198 Resp: 430

Ion Ratio Lower Upper

198 100

51 307.7 37.7 77.7#

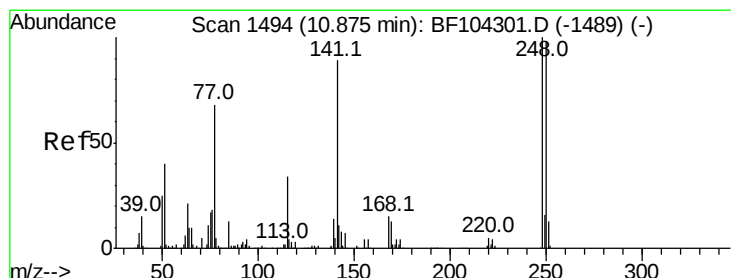
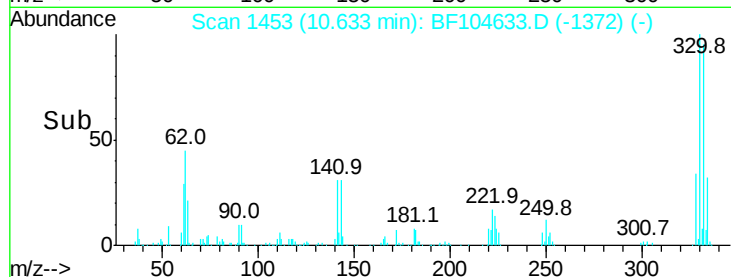
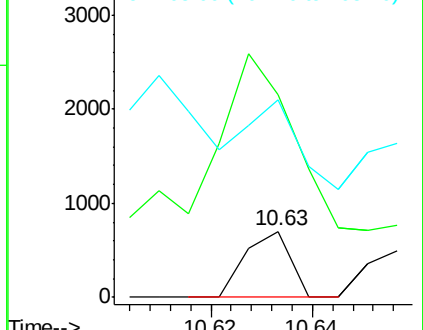
105 300.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.368 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

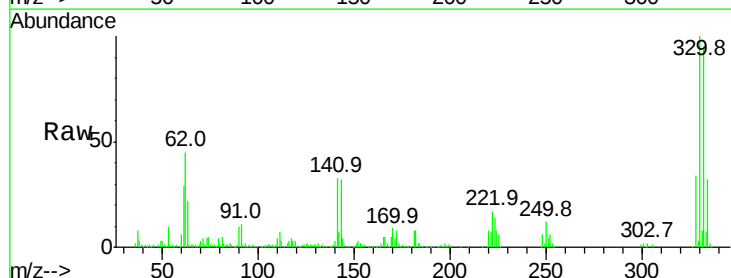
Tgt Ion:248 Resp: 14565

Ion Ratio Lower Upper

248 100

250 193.0 76.9 115.3#

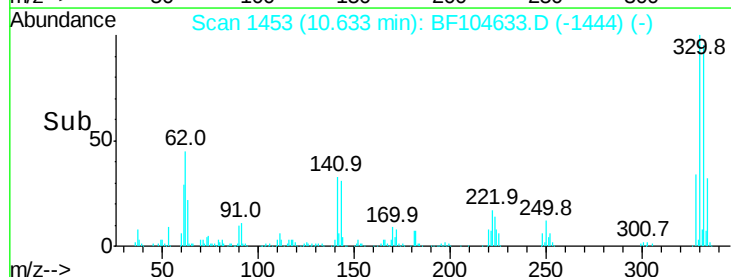
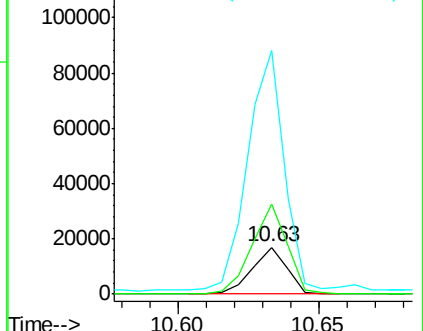
141 521.4 74.4 111.6#

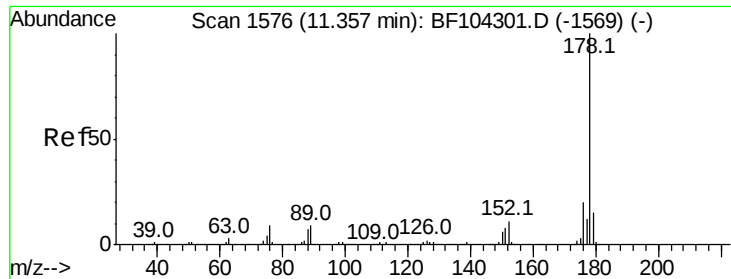


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

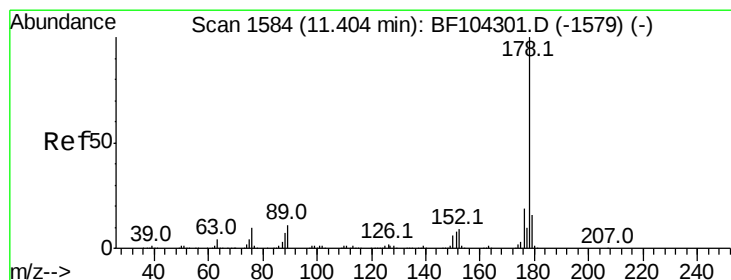
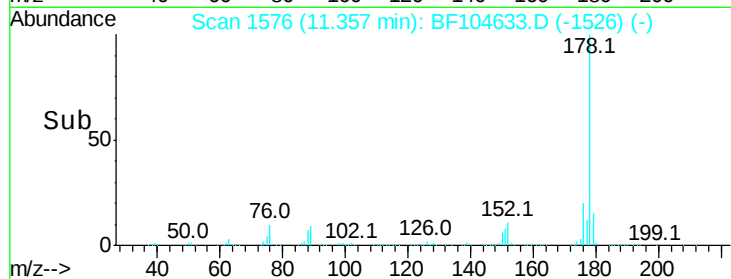
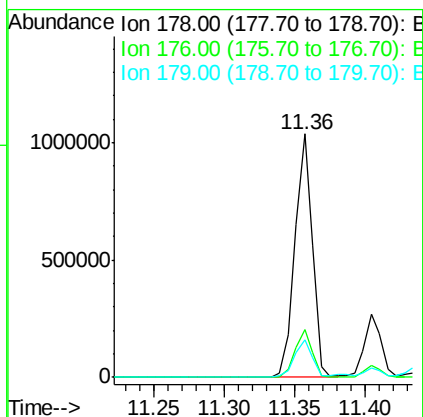
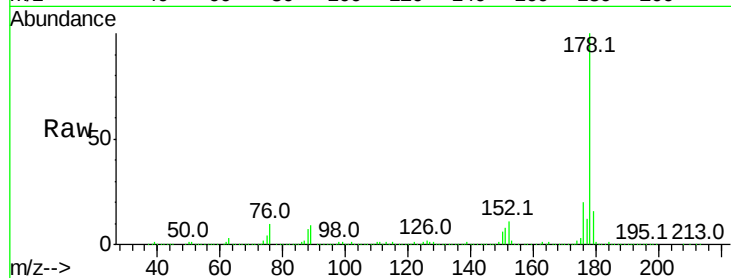




#70
Phenanthrene
Concen: 39.021 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

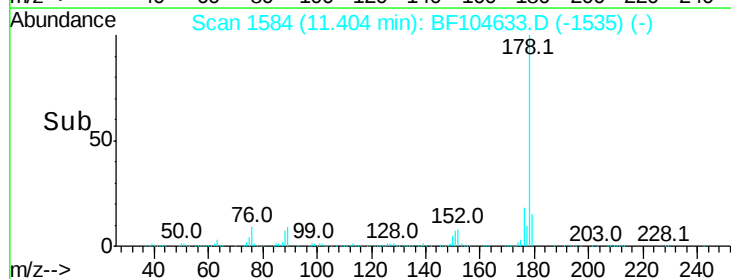
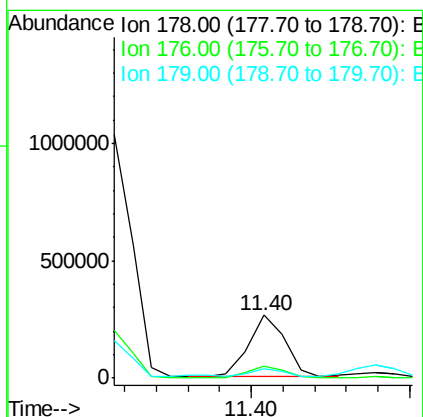
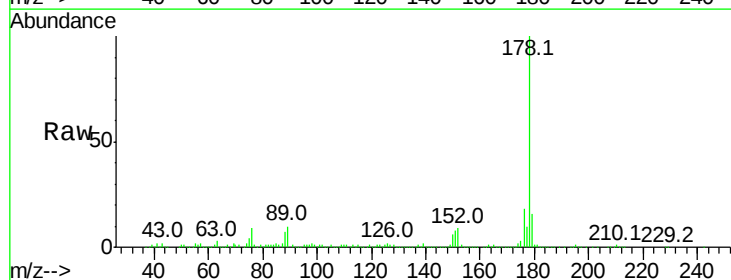
Instrument :
BNA_F
ClientSampled :

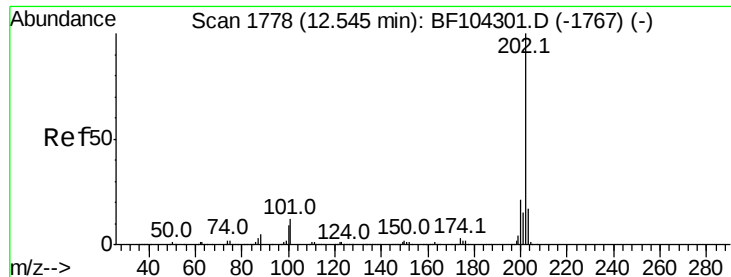
Tot Ion:178 Resp: 883366
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.6 13.0 19.6



#71
Anthracene
Concen: 9.035 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:178 Resp: 207908
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.6 12.6 19.0





#74

Fluoranthene

Concen: 27.422 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampleId :

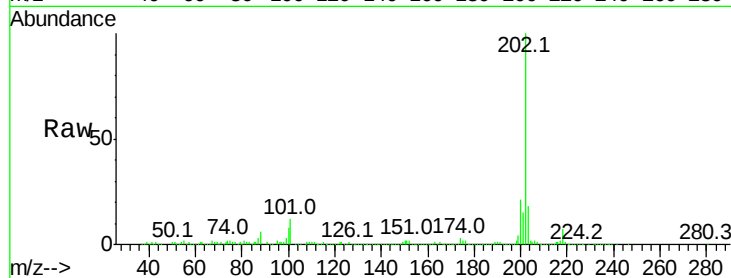
Tot Ion:202 Resp: 648603

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

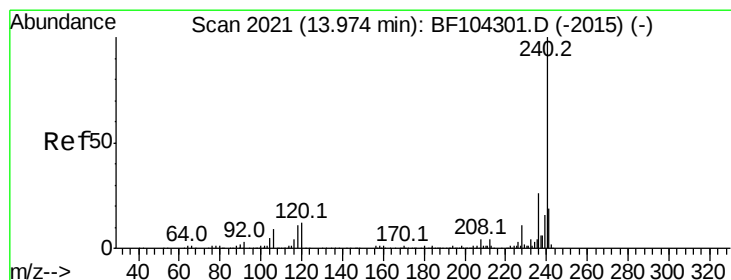
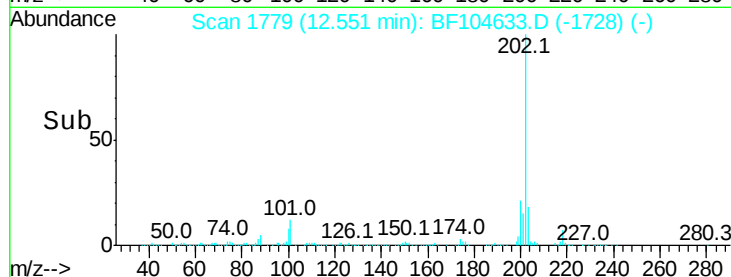
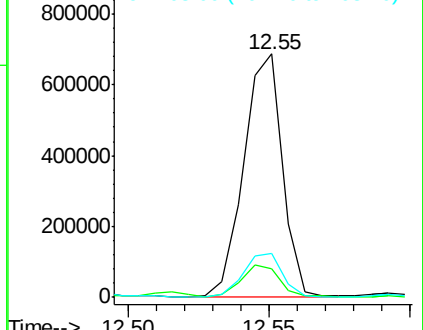
203 18.1 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

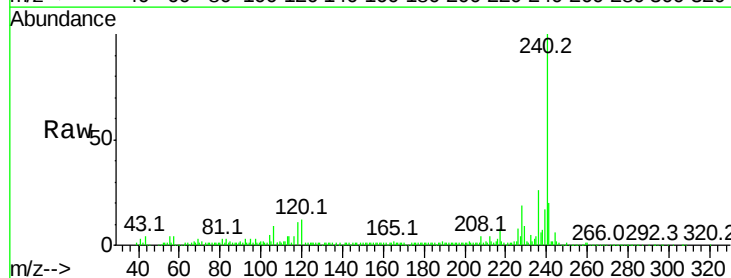
Tgt Ion:240 Resp: 266050

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

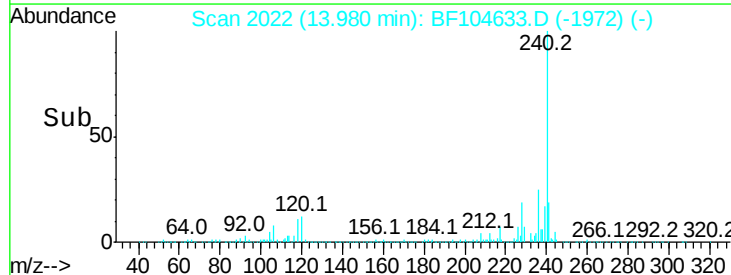
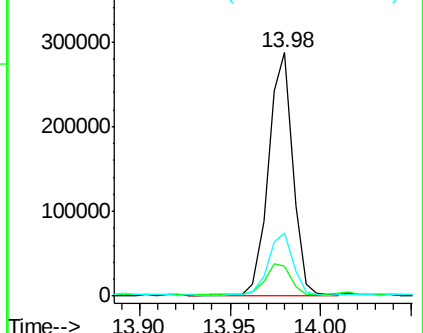
236 25.7 20.7 31.1

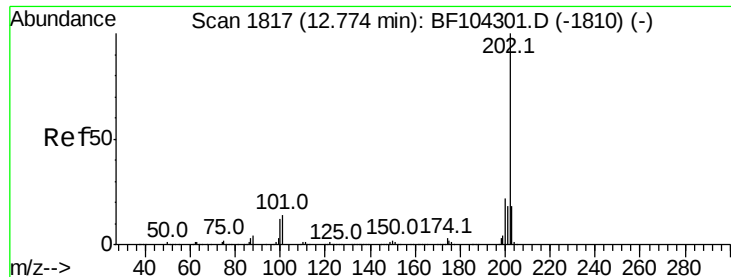


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 44.386 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampleId :

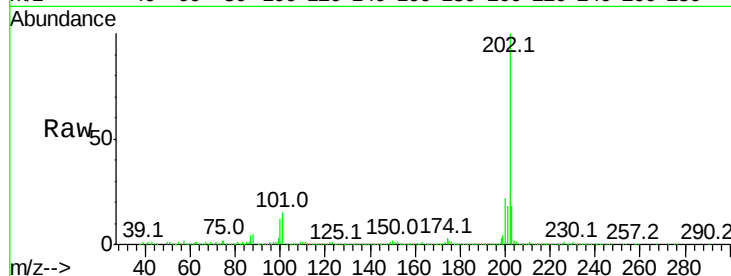
Tot Ion:202 Resp: 875317

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

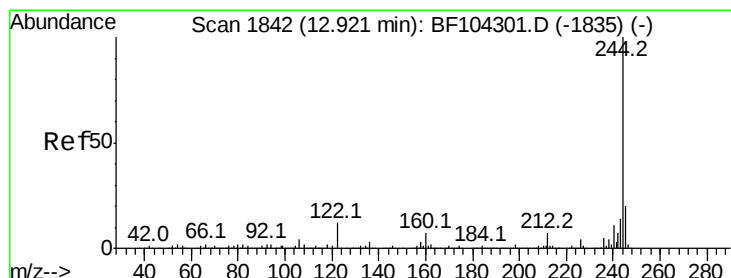
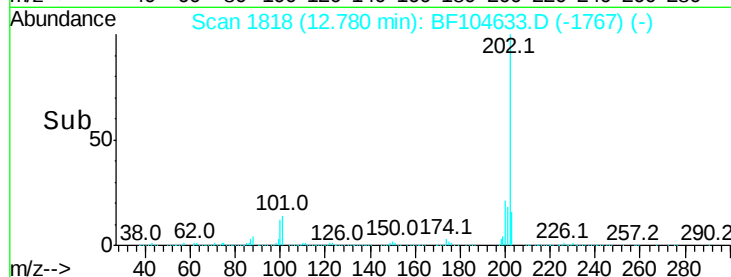
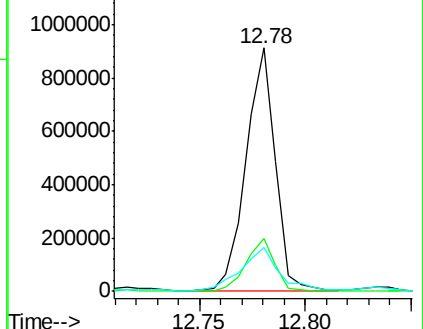
203 18.2 14.3 21.5



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



#78

Terphenyl-d14

Concen: 59.013 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

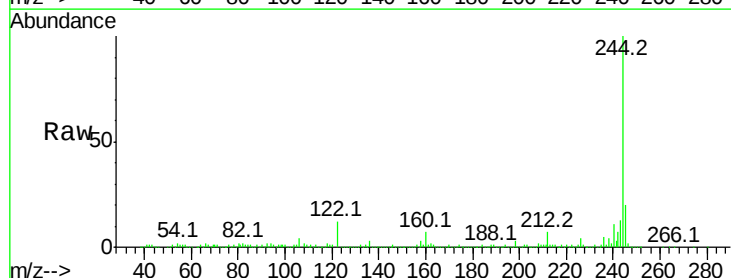
Tgt Ion:244 Resp: 688671

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

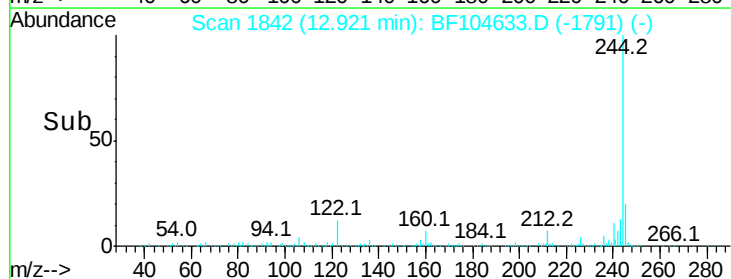
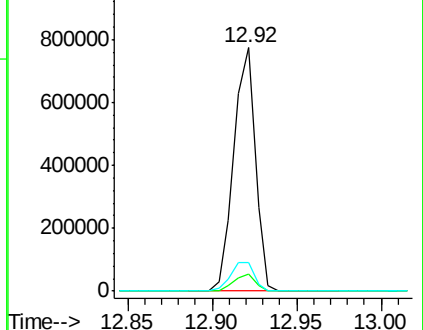
122 12.0 11.0 16.4

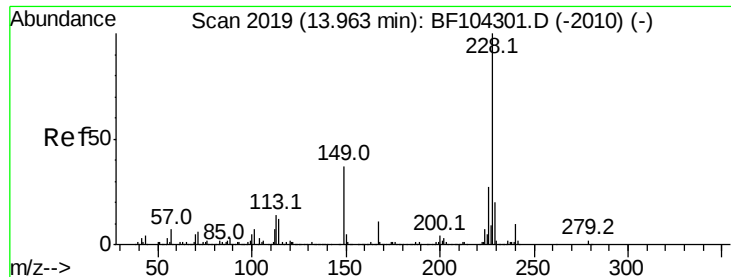


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

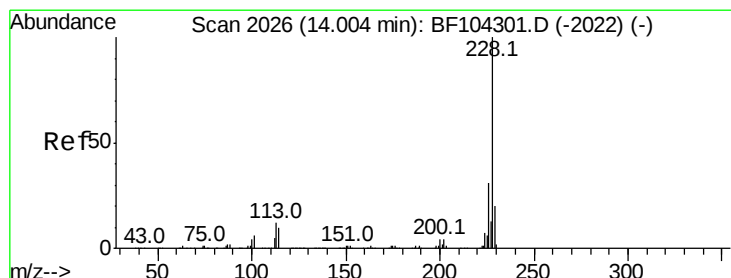
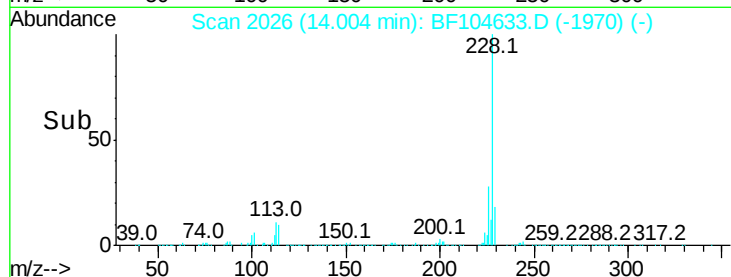
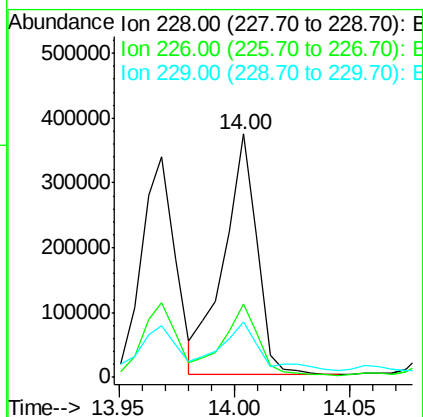
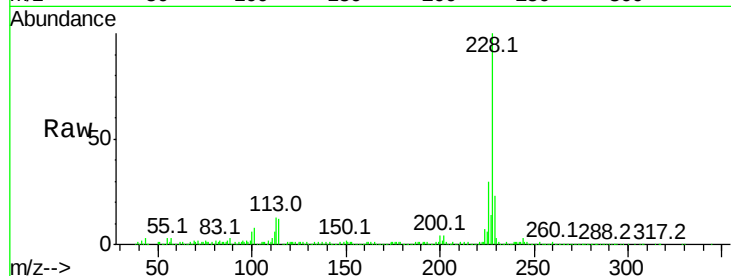




#80
Benzo(a)anthracene
Concen: 23.453 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

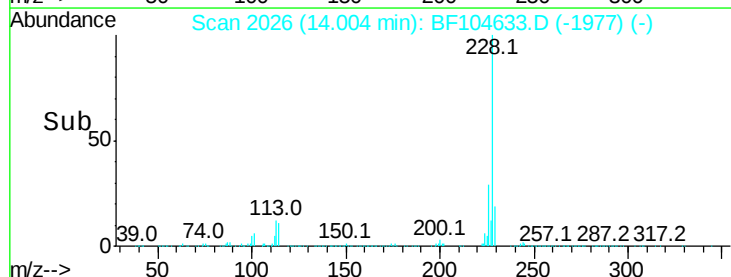
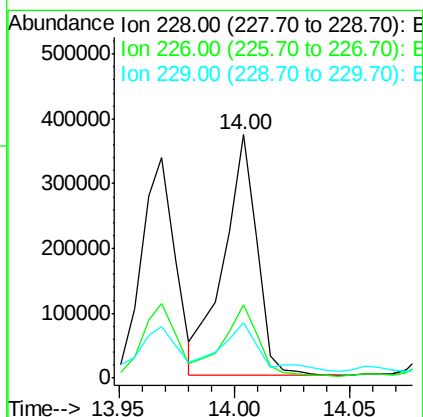
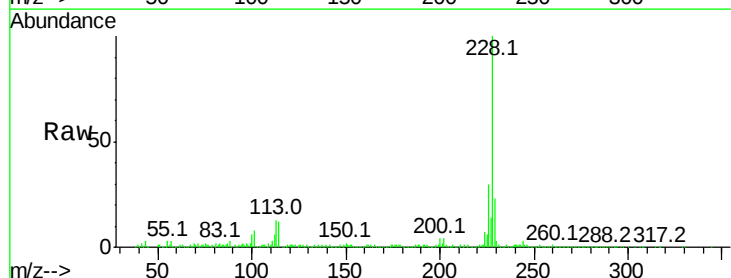
Instrument :
BNA_F
ClientSampleId :

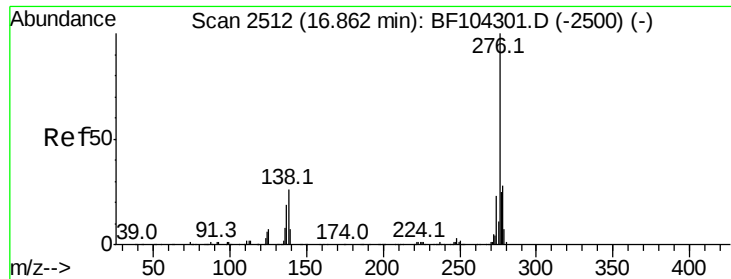
Tot Ion:228 Resp: 372758
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 22.7 15.8 23.6



#82
Chrysene
Concen: 22.833 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:228 Resp: 372758
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 22.7 16.2 24.4

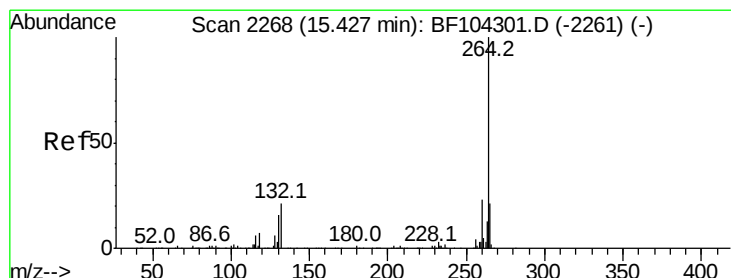
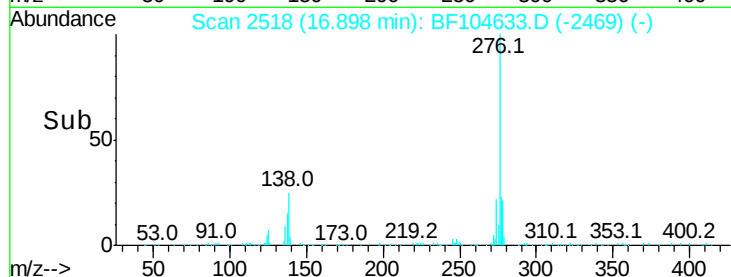
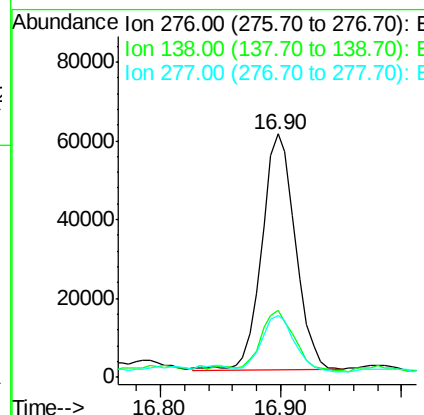
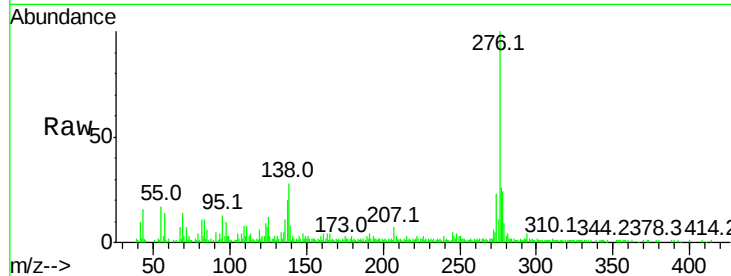




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.280 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

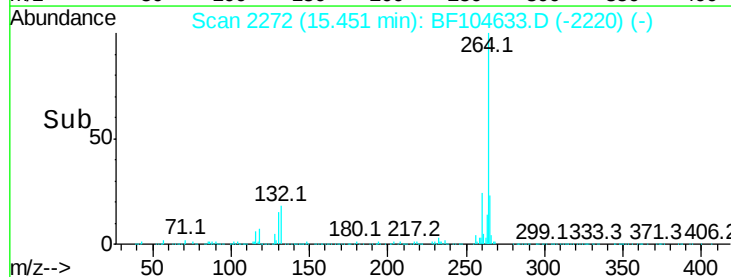
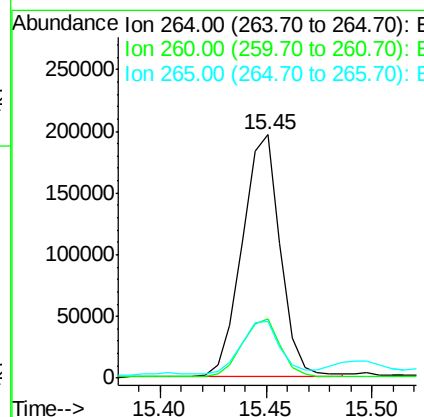
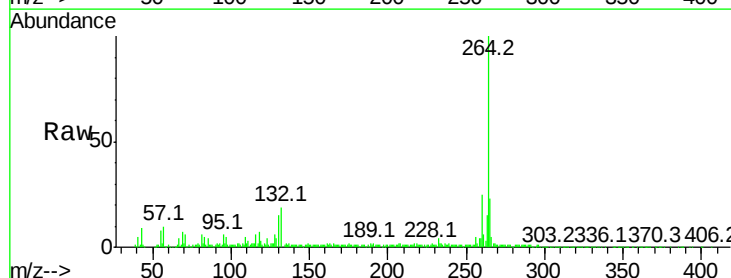
Instrument :
 BNA_F
 ClientSampleId :

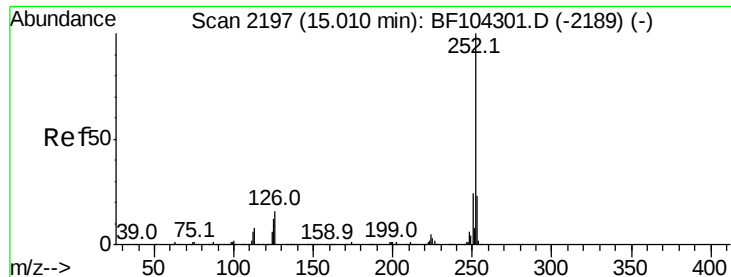
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 24.370 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

Instrument :

BNA_F

ClientSampleId :

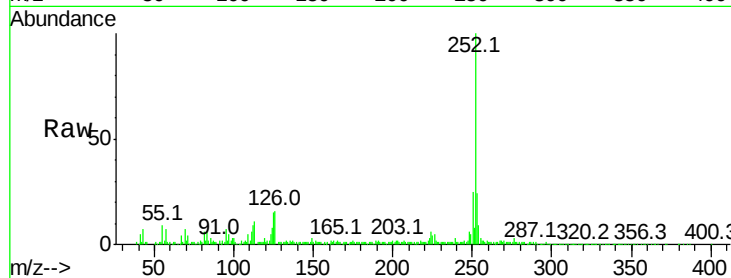
Tot Ion:252 Resp: 378208

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

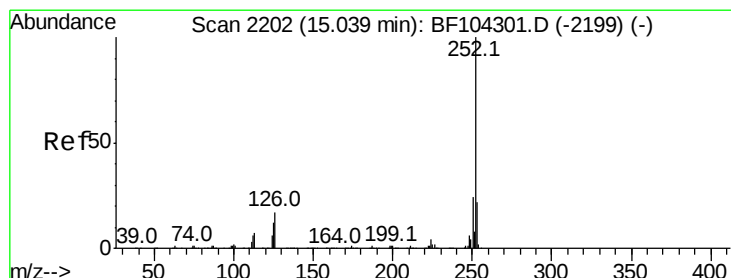
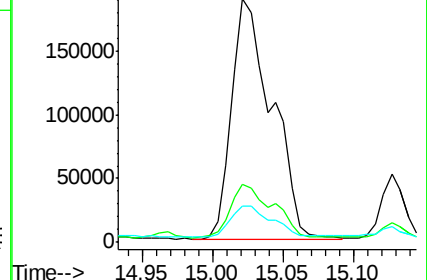
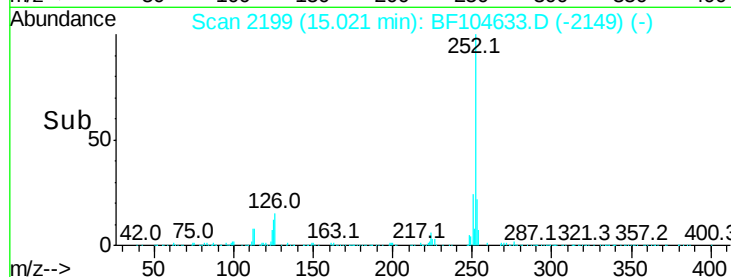
125 14.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 25.813 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BF104633.D

Acq: 19 Apr 2018 17:38

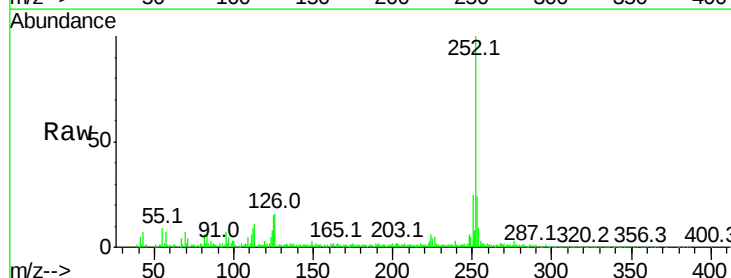
Tgt Ion:252 Resp: 378208

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

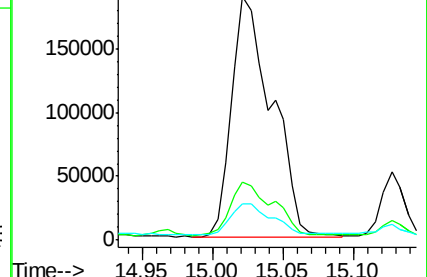
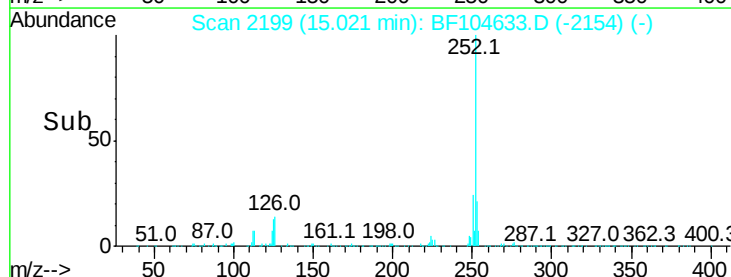
125 14.7 10.2 15.2

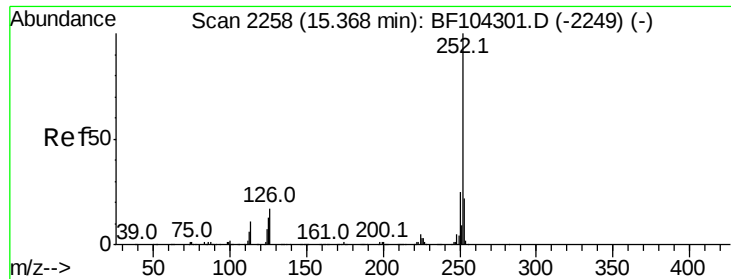


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

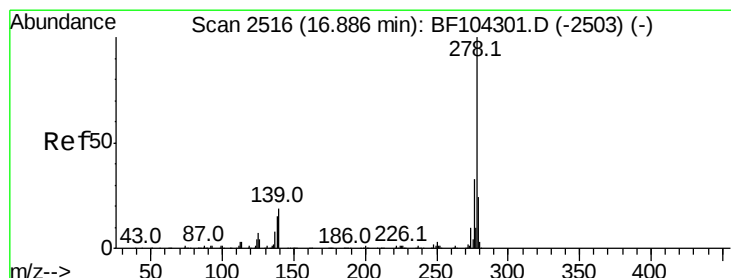
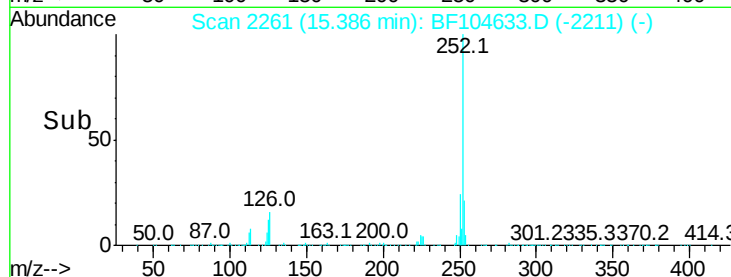
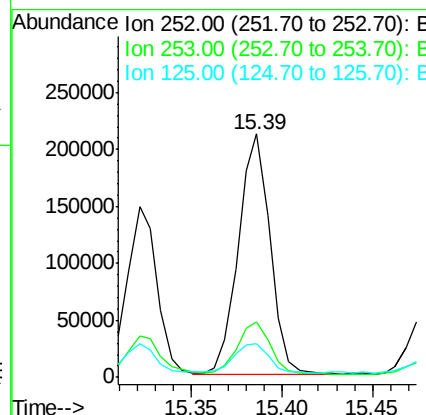
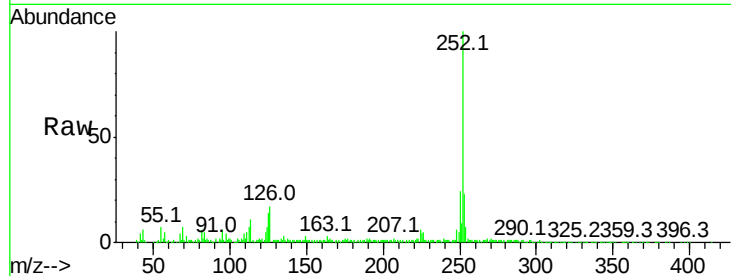




#89
Benzo(a)pyrene
Concen: 18.546 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

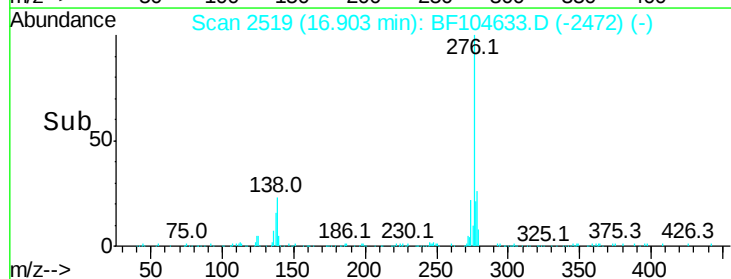
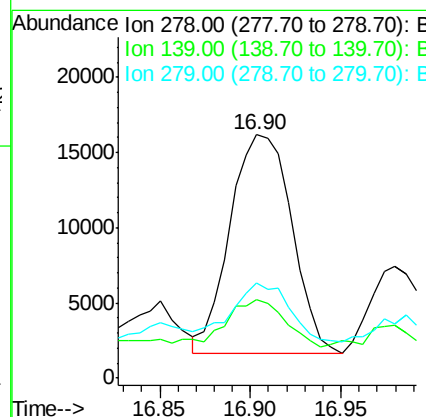
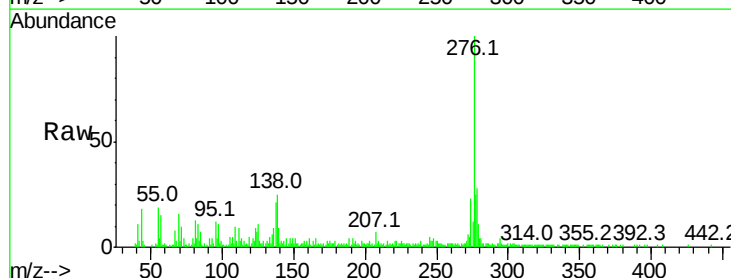
Instrument :
BNA_F
ClientSampleId :

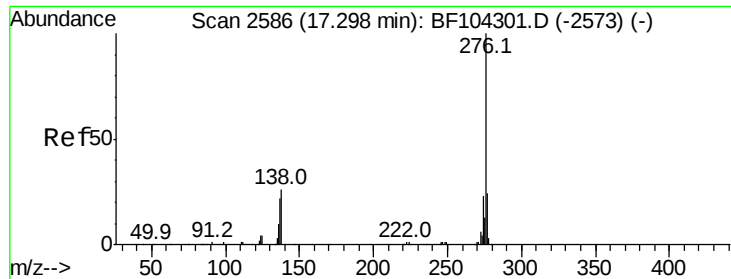
Tot Ion:252 Resp: 257528
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.022 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF104633.D
Acq: 19 Apr 2018 17:38

Tgt Ion:278 Resp: 34464
Ion Ratio Lower Upper
278 100
139 32.2 15.9 23.9#
279 39.1 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 11.652 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BF104633.D
 Acq: 19 Apr 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.6	21.8	32.8

