

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113337.D
 Acq On : 27 Mar 2019 18:13
 Operator : JU/SJ
 Sample : K2086-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Quant Time: Mar 28 01:08:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177602	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	664738	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	316064	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	574770	20.00	ng	0.00
76) Chrysene-d12	13.84	240	391621	20.00	ng	0.00
87) Perylene-d12	15.24	264	411392	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1093377	100.66	ng	0.00
7) Phenol-d6	6.35	99	1423615	103.61	ng	0.00
23) Nitrobenzene-d5	7.26	82	880063	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	376722	96.49	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1573024	76.18	ng	0.00
79) Terphenyl-d14	12.79	244	1379492	77.64	ng	0.00

Target Compounds

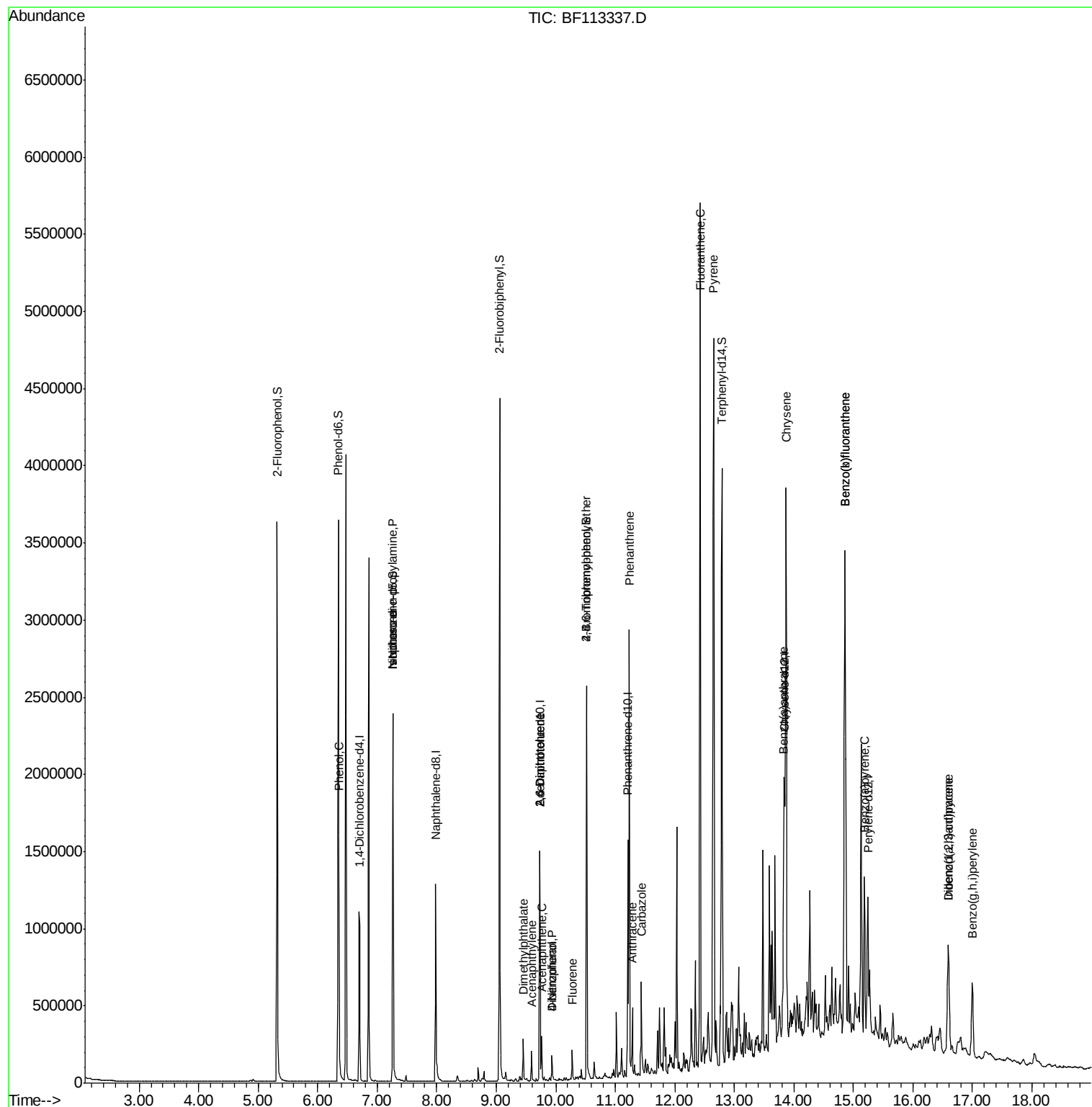
						Qvalue
10) Phenol	6.36	94	32996	2.103	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	116141	13.456	ng	# 75
25) Isophorone	7.26	82	868938	40.035	ng	# 64
49) Acenaphthylene	9.59	152	85430	2.600	ng	98
50) Dimethylphthalate	9.45	163	114118	4.872	ng	100
51) 2,6-Dinitrotoluene	9.73	165	41528	7.859	ng	# 27
52) Acenaphthene	9.76	154	55237	2.985	ng	99
55) Dibenzofuran	9.94	168	76868	2.763	ng	95
56) 4-Nitrophenol	9.93	139	26187	6.164	ng	# 10
57) 2,4-Dinitrotoluene	9.73	165	41528	6.180	ng	# 24
58) Fluorene	10.27	166	61950	2.866	ng	99
67) 4-Bromophenyl-phenylether	10.52	248	21621	3.451	ng	# 1
71) Phenanthrene	11.23	178	1118497	39.186	ng	100
72) Anthracene	11.29	178	172226	5.940	ng	98
73) Carbazole	11.44	167	247556	8.948	ng	99
75) Fluoranthene	12.43	202	2903391	89.979	ng	97
78) Pyrene	12.65	202	2381653	87.761	ng	98
81) Benzo(a)anthracene	13.83	228	487455	21.745	ng	94
83) Chrysene	13.87	228	1666078	73.171	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	445492	22.797	ng	96
88) Benzo(b)fluoranthene	14.86	252	2423624	94.837	ng	98
89) Benzo(k)fluoranthene	14.86	252	2423624	107.993	ng	# 97
90) Benzo(a)pyrene	15.19	252	438245	19.343	ng	97
91) Dibenzo(a,h)anthracene	16.60	278	108387	5.533	ng	# 80
92) Benzo(g,h,i)perylene	17.00	276	369340	18.699	ng	98

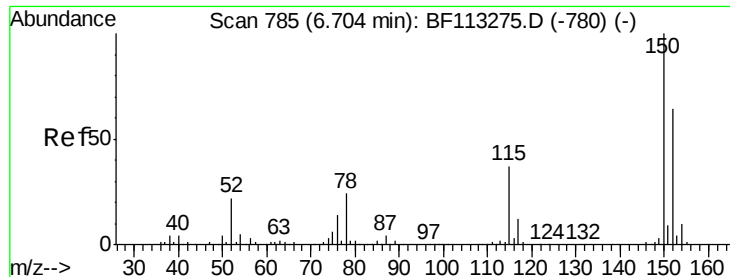
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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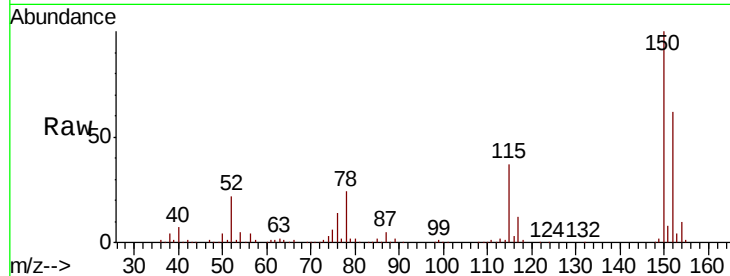


#1

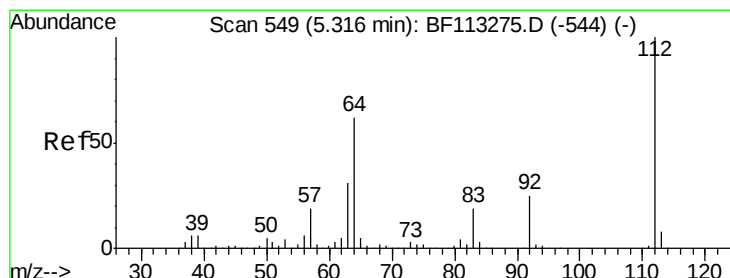
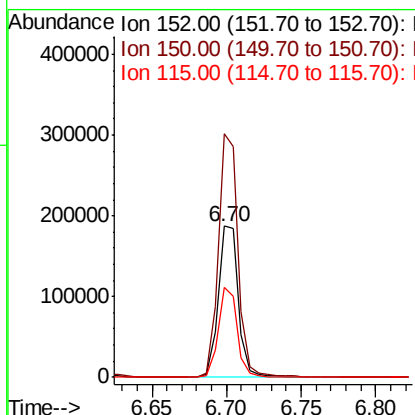
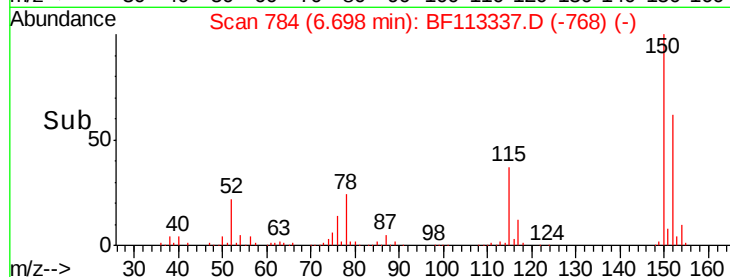
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Tgt Ion:152 Resp: 177602
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.7 187.1
 115 59.8 46.0 69.0



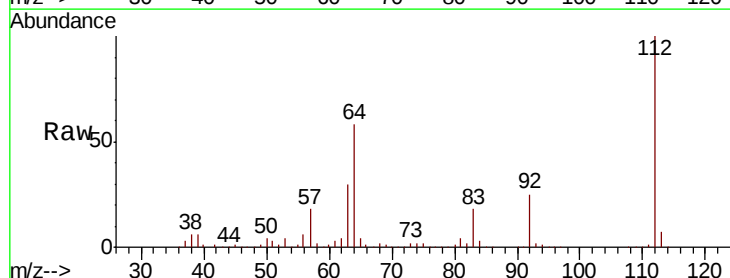
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



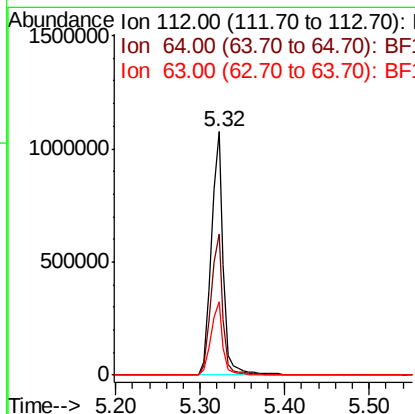
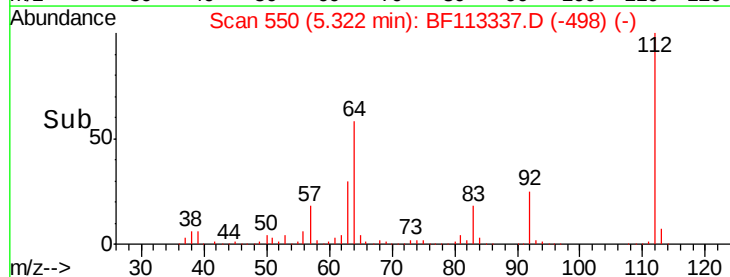
#5

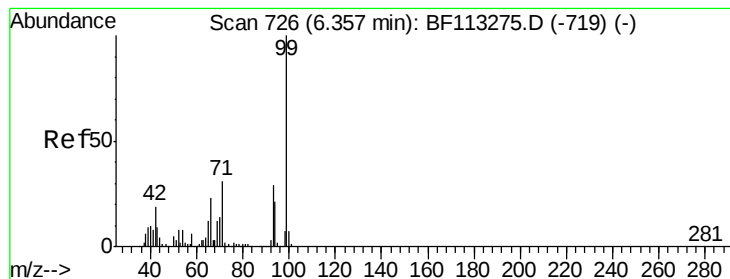
2-Fluorophenol
 Concen: 100.663 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Tgt Ion:112 Resp: 1093377
 Ion Ratio Lower Upper
 112 100
 64 57.9 49.2 73.8
 63 29.9 24.9 37.3



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: 103.606 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

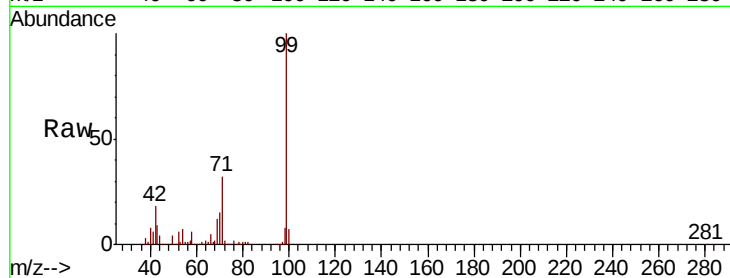
Tgt Ion: 99 Resp: 1423615

Ion Ratio Lower Upper

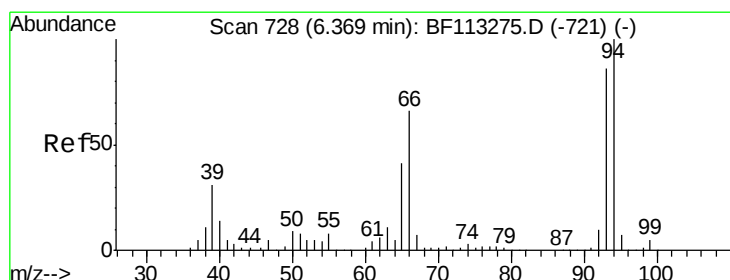
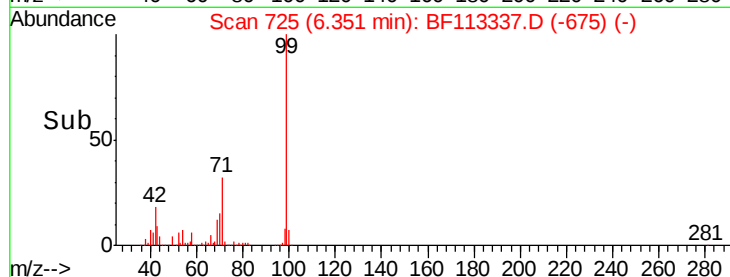
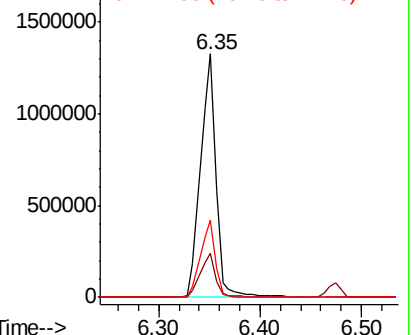
99 100

42 17.8 14.8 22.2

71 31.8 24.9 37.3



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: 2.103 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

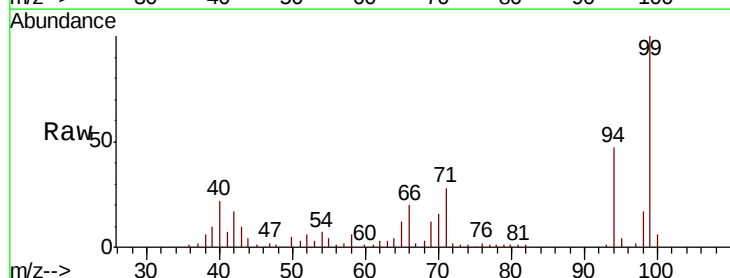
Tgt Ion: 94 Resp: 32996

Ion Ratio Lower Upper

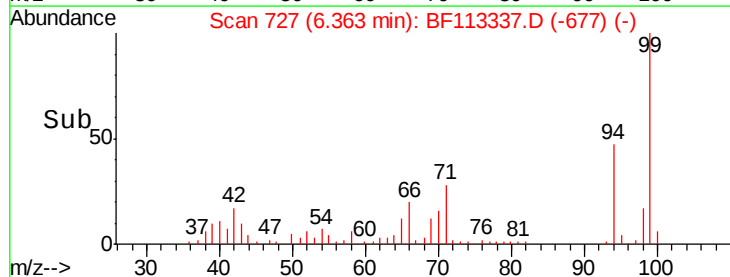
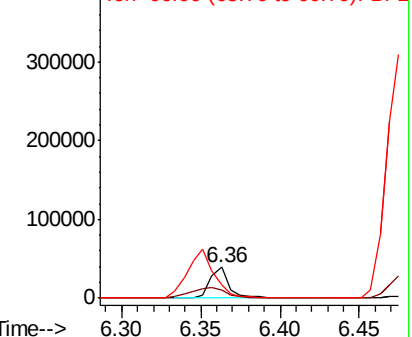
94 100

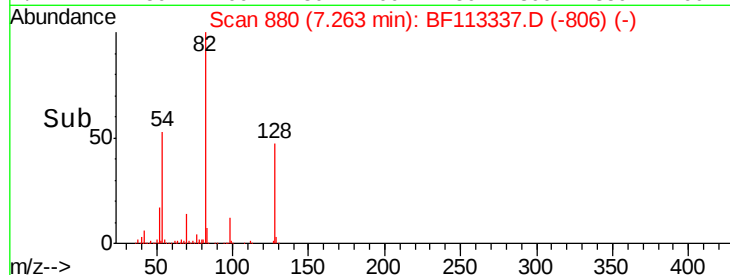
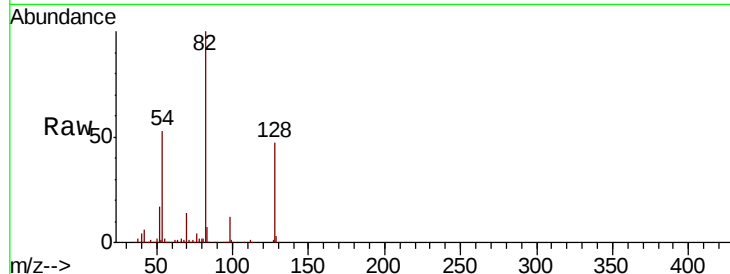
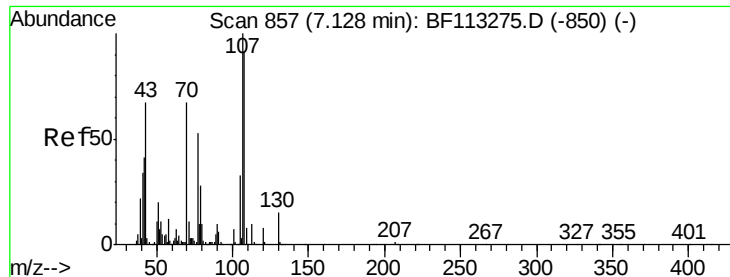
65 25.4 21.4 61.4

66 41.1 46.4 86.4#



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

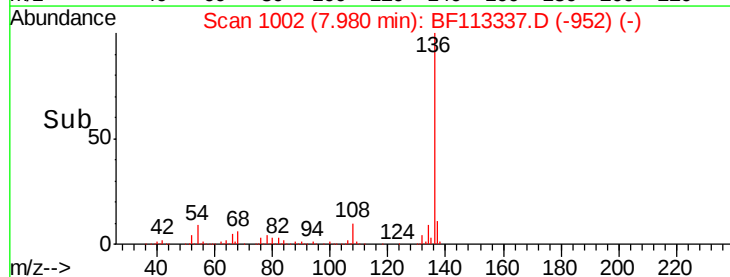
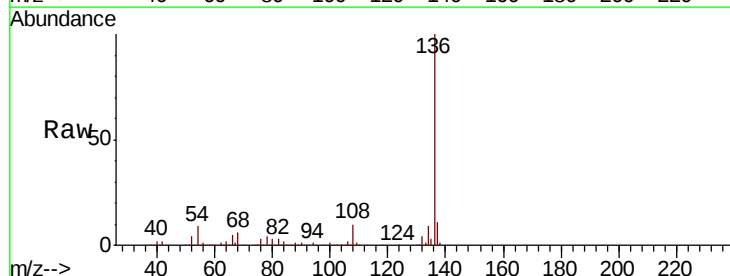
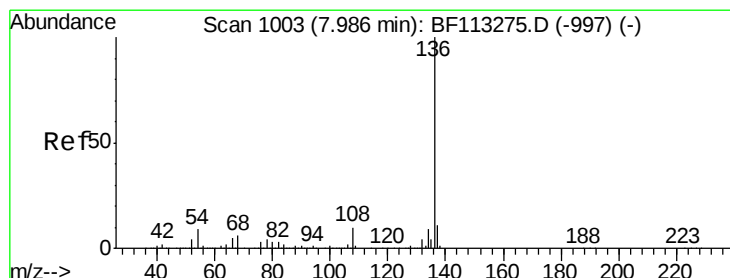
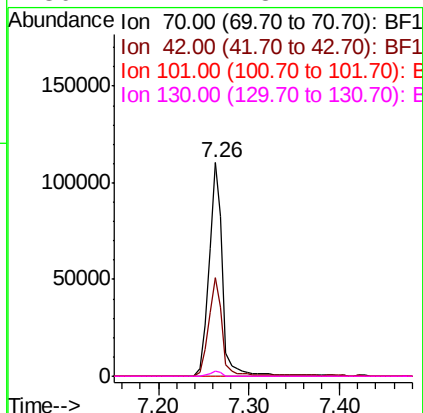




#19
n-Nitroso-di-n-propylamine
Concen: 13.456 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

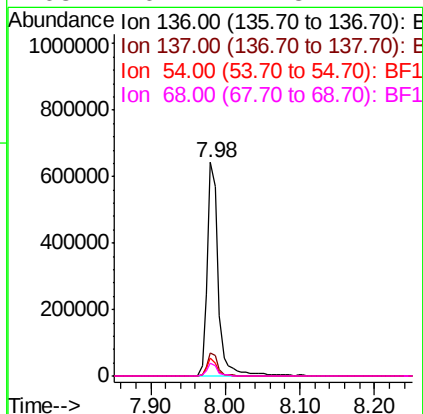
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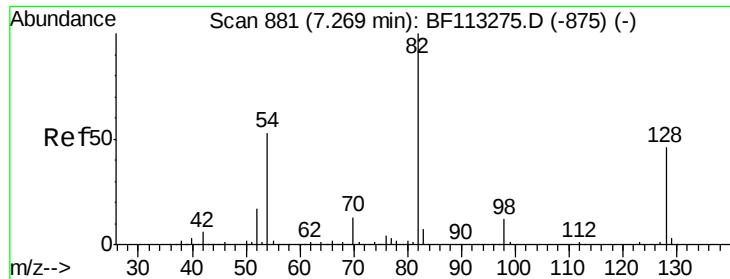
Tgt Ion: 70 Resp: 116141
Ion Ratio Lower Upper
70 100
42 46.3 48.4 72.6#
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion: 136 Resp: 664738
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 7.0 10.6
68 6.2 4.8 7.2

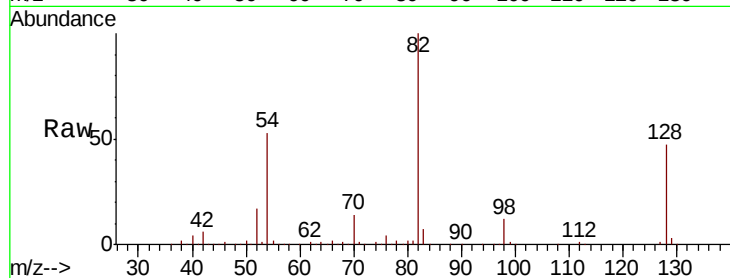




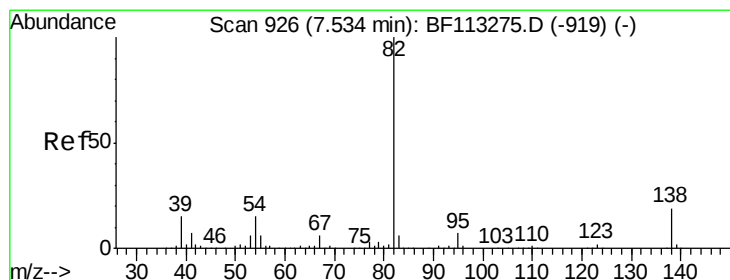
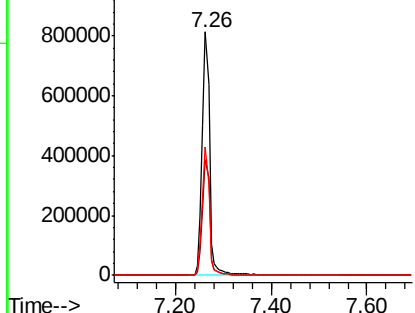
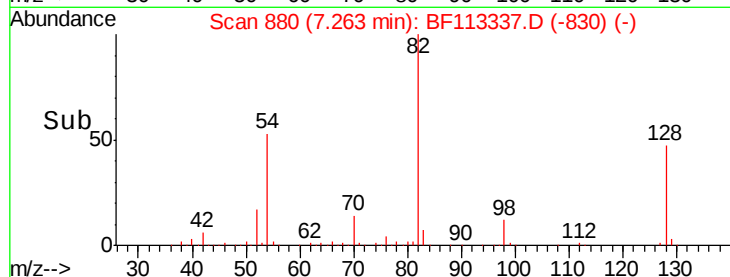
#23
 Nitrobenzene-d5
 Concen: 78.580 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 CS-18

Tgt Ion: 82 Resp: 880063
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 52.6 42.2 63.2

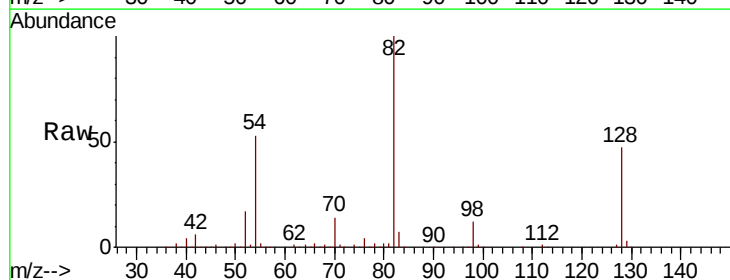


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

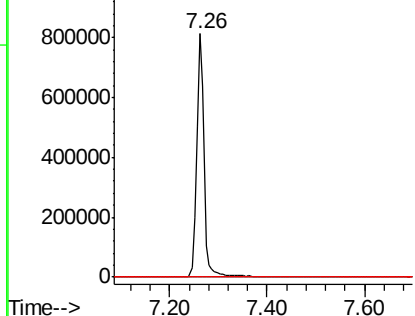
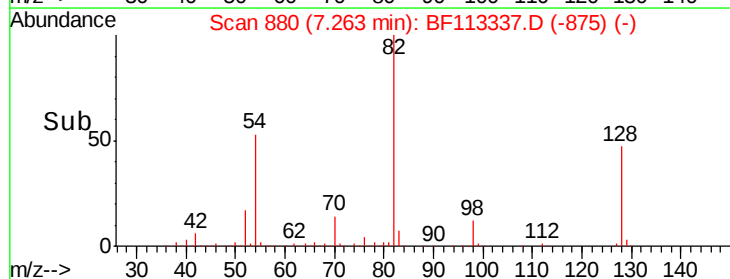


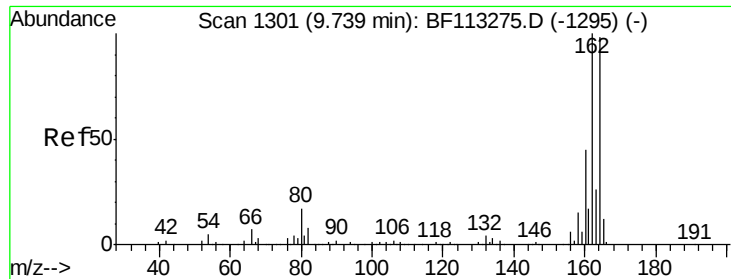
#25
 Isophorone
 Concen: 40.035 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Tgt Ion: 82 Resp: 868938
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#



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

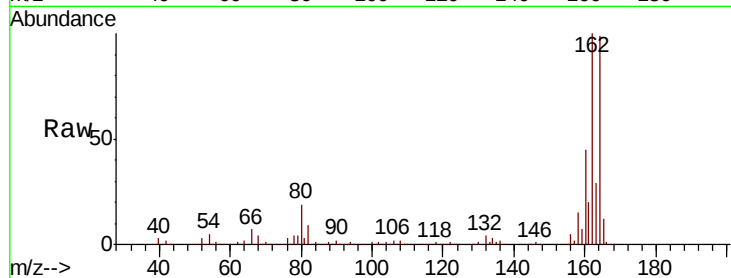




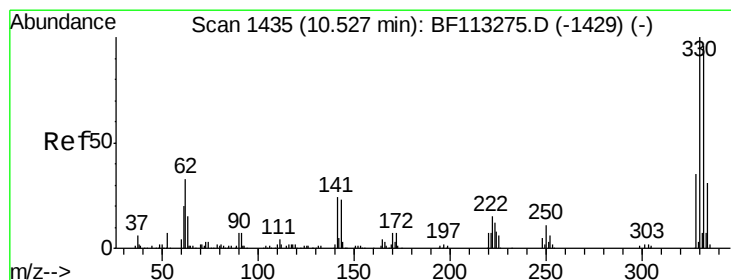
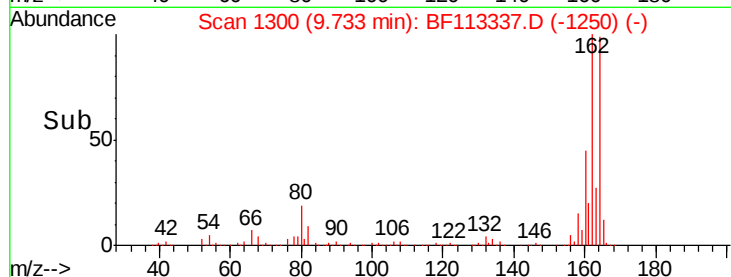
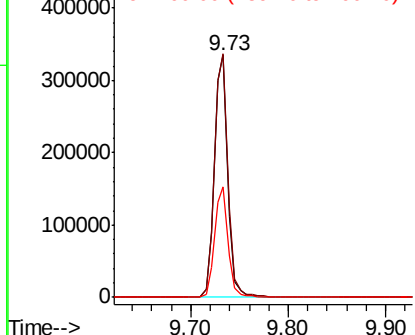
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Instrument :
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Tgt Ion:164 Resp: 316064
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 45.5 36.4 54.6

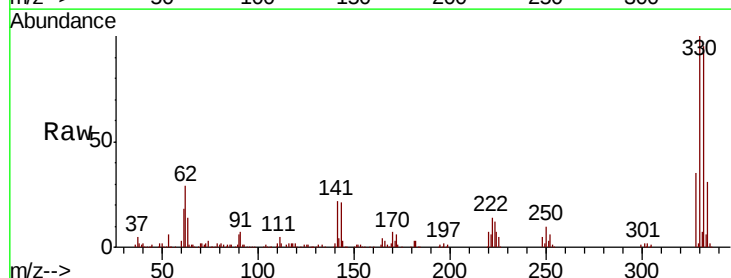


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

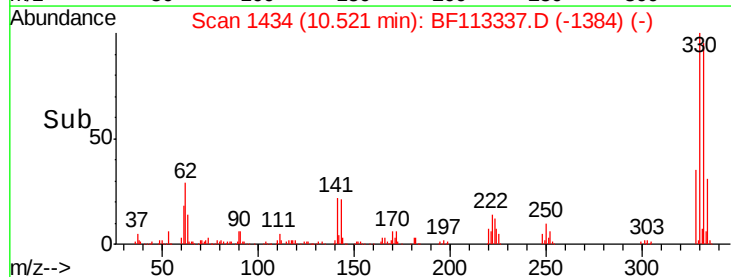
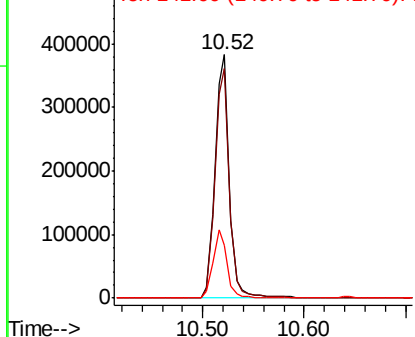


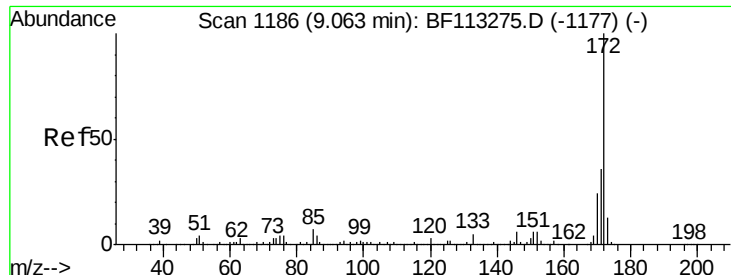
#42
2,4,6-Tribromophenol
Concen: 96.494 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion:330 Resp: 376722
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.6
141 27.7 22.7 34.1



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

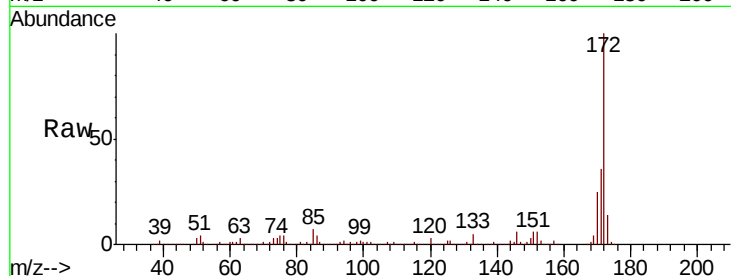




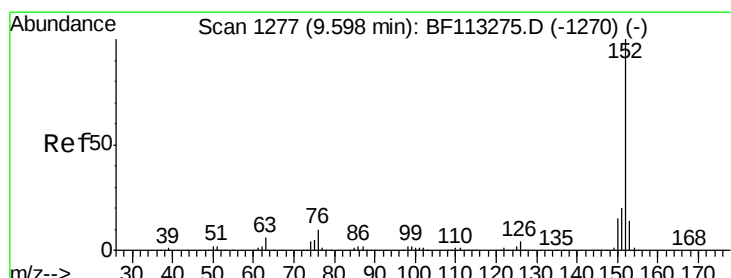
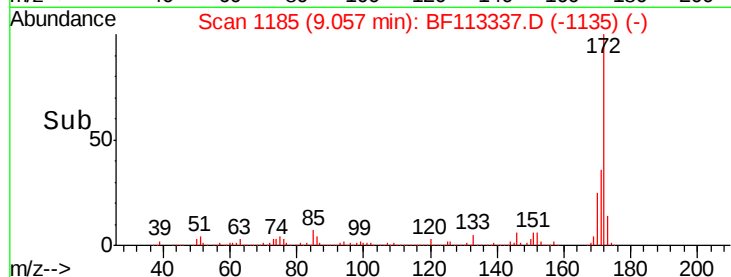
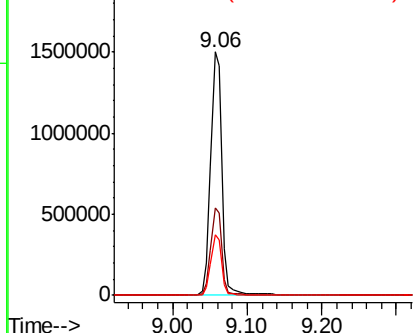
#45
2-Fluorobiphenyl
Concen: 76.175 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Instrument :
BNA_F
ClientSampleId :
CS-18

Tgt Ion:172 Resp: 1573024
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.7 19.5 29.3

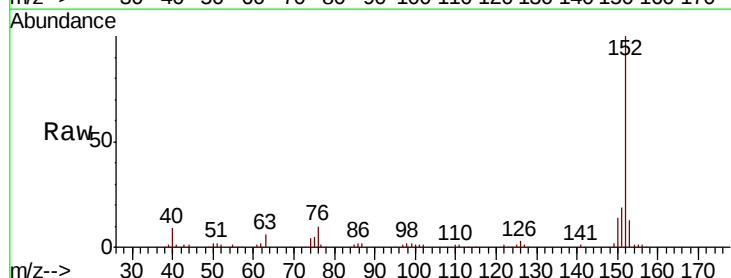


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

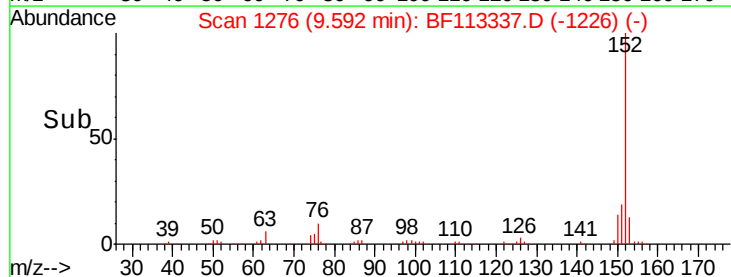
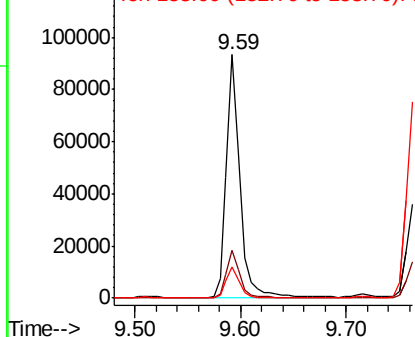


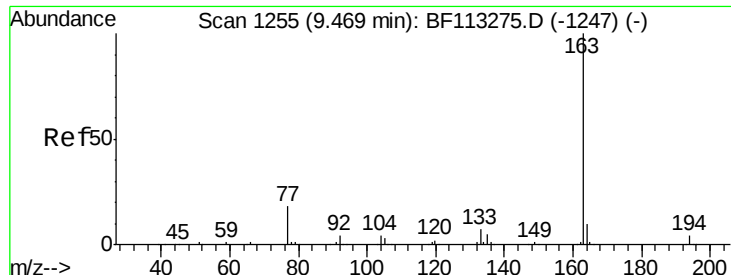
#49
Acenaphthylene
Concen: 2.600 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion:152 Resp: 85430
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 12.9 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

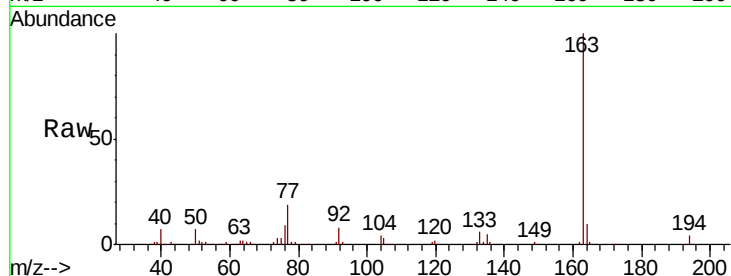




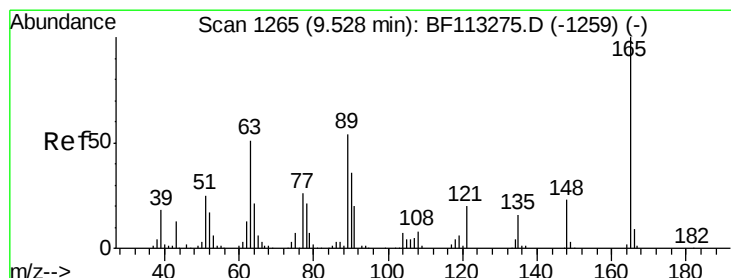
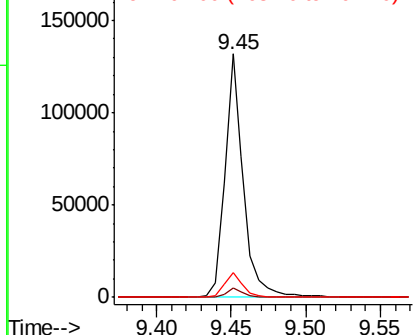
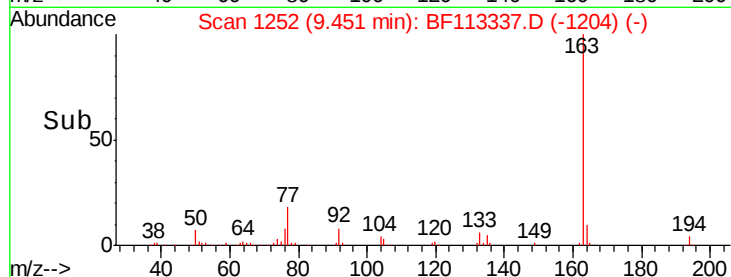
#50
Dimethylphthalate
Concen: 4.872 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Instrument :
BNA_F
ClientSampleId :
CS-18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1

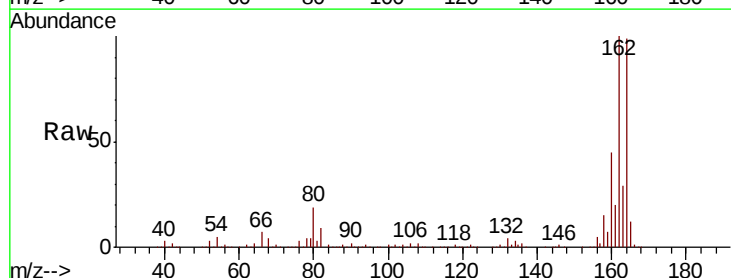


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

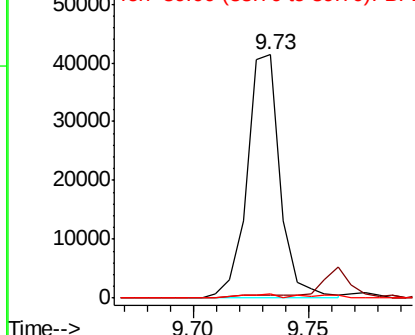
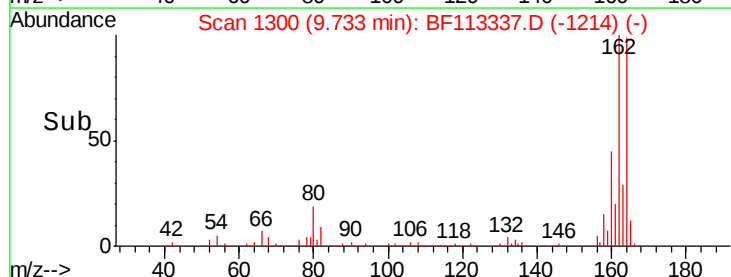


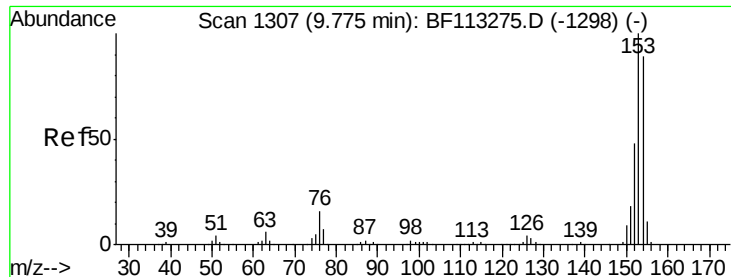
#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.7	43.1	64.7#



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: 2.985 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleID :

CS-18

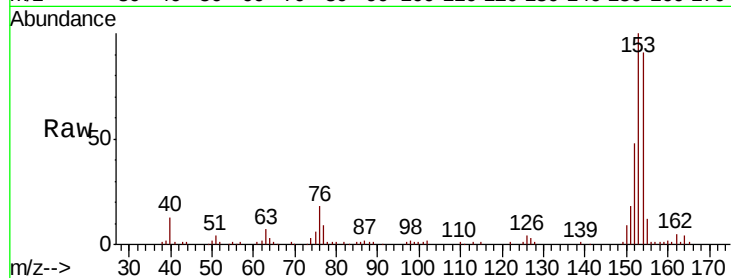
Tgt Ion:154 Resp: 55237

Ion Ratio Lower Upper

154 100

153 110.4 89.5 134.3

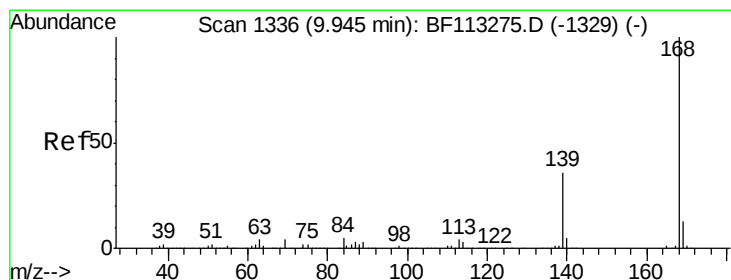
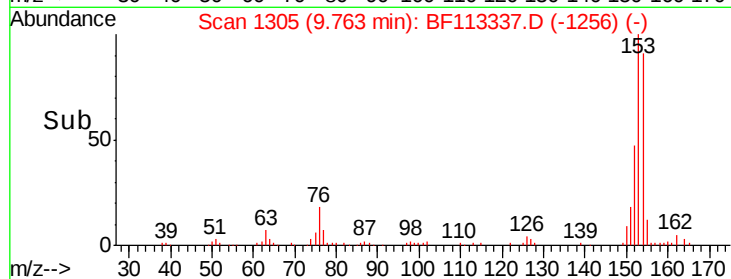
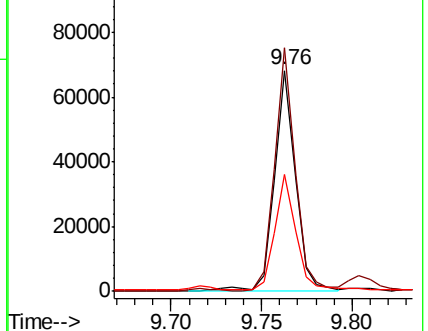
152 53.1 43.3 64.9



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

Dibenzofuran

Concen: 2.763 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

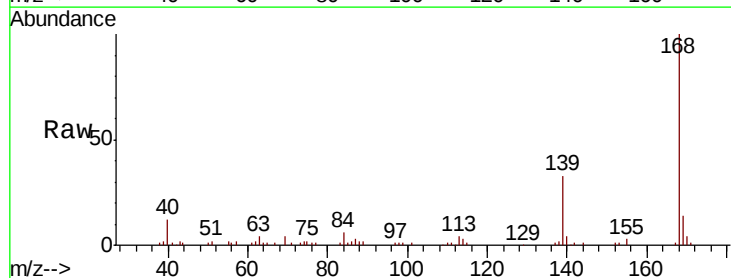
Tgt Ion:168 Resp: 76868

Ion Ratio Lower Upper

168 100

139 32.9 29.7 44.5

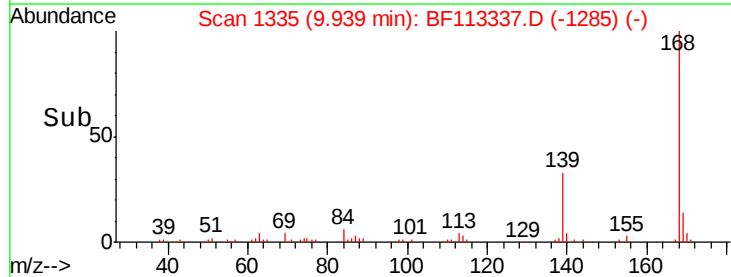
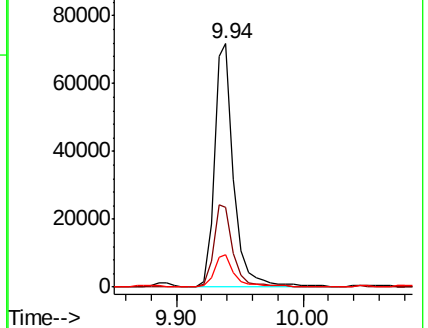
169 13.5 10.7 16.1

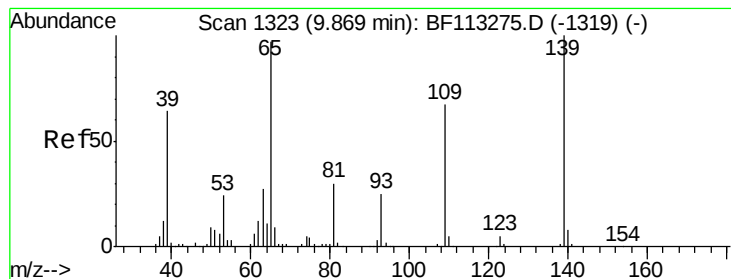


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 6.164 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.06 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

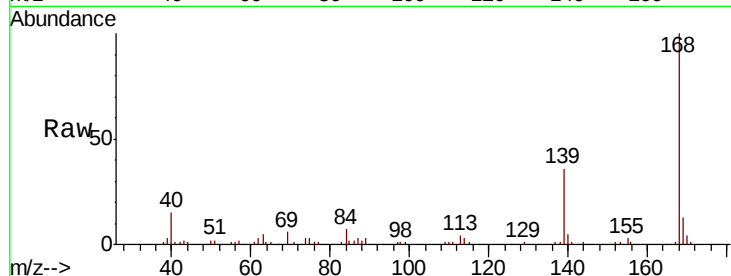
Tgt Ion:139 Resp: 26187

Ion Ratio Lower Upper

139 100

109 1.9 46.9 86.9#

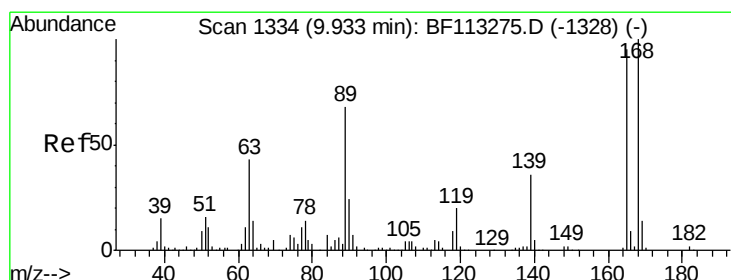
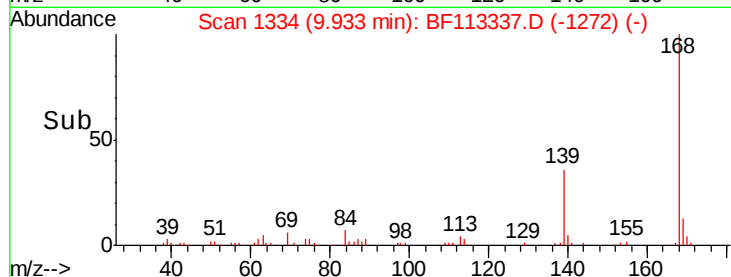
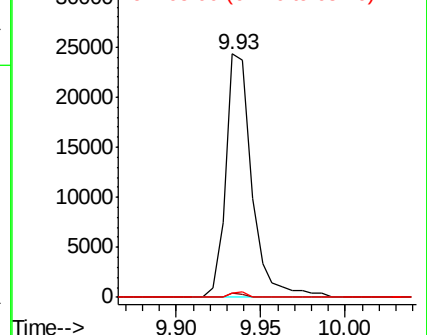
65 1.9 77.2 117.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.180 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Tgt Ion:165 Resp: 41528

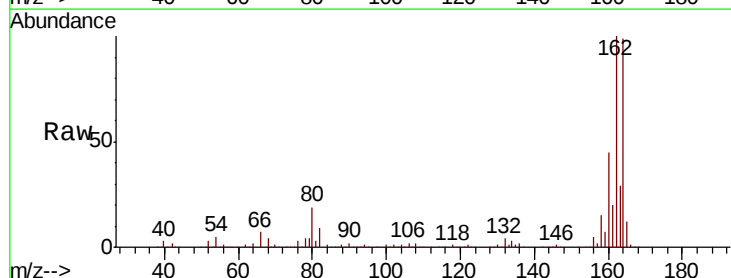
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

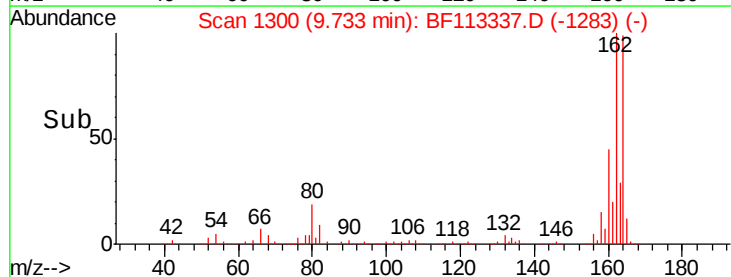
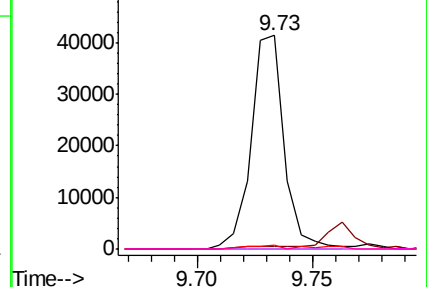


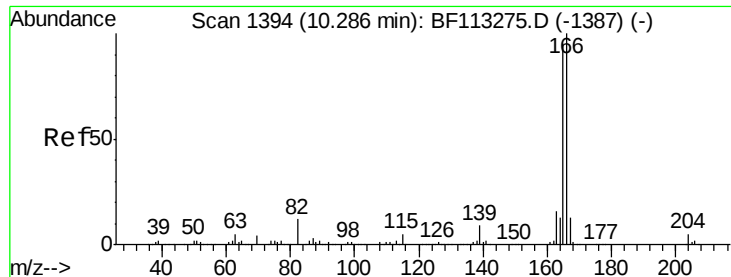
Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.866 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

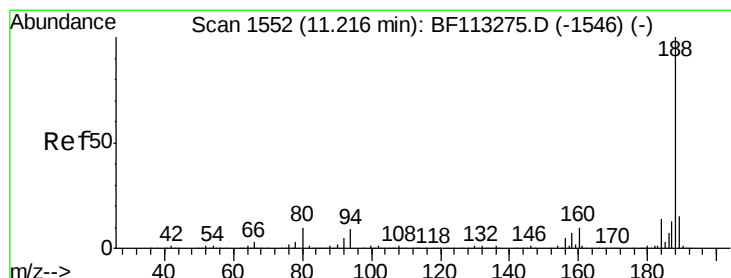
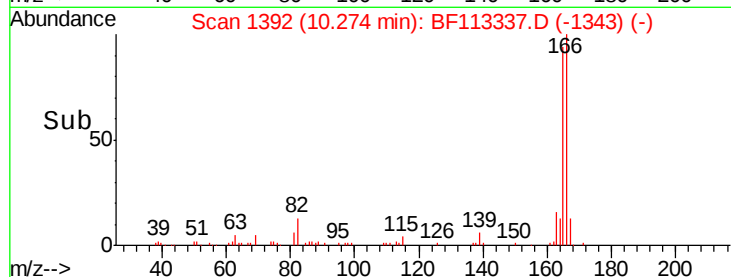
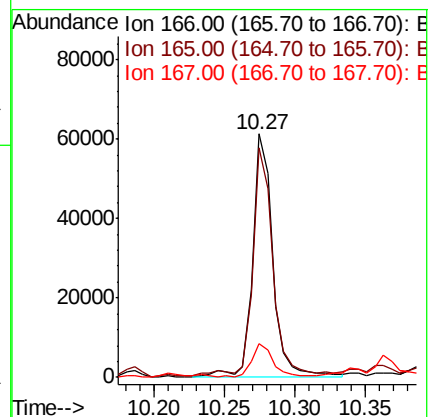
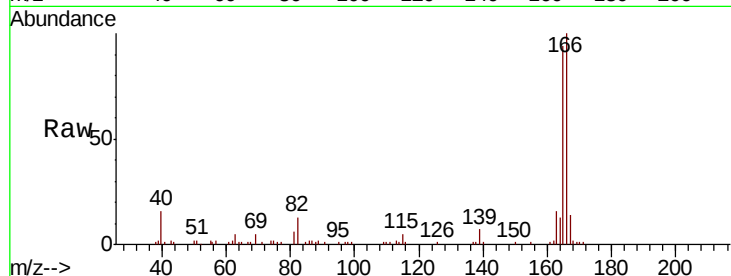
Tgt Ion:166 Resp: 61950

Ion Ratio Lower Upper

166 100

165 94.4 76.2 114.2

167 14.0 10.7 16.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

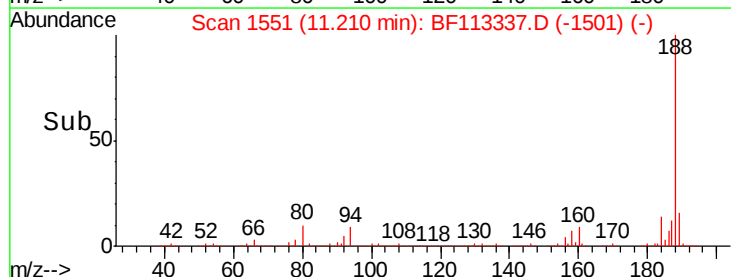
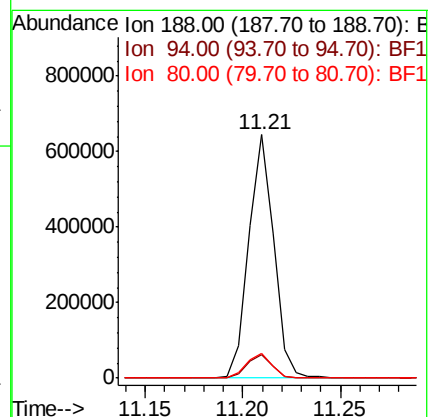
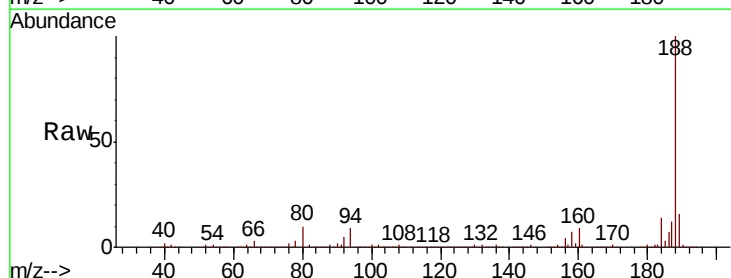
Tgt Ion:188 Resp: 574770

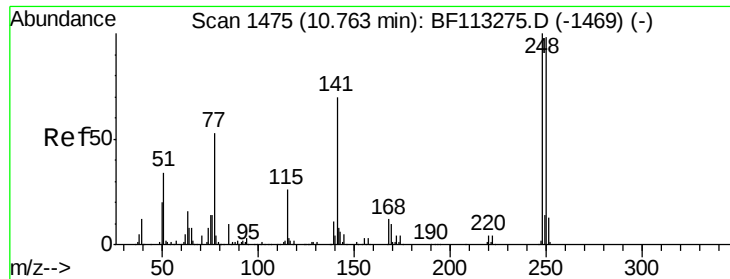
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.9 7.7 11.5

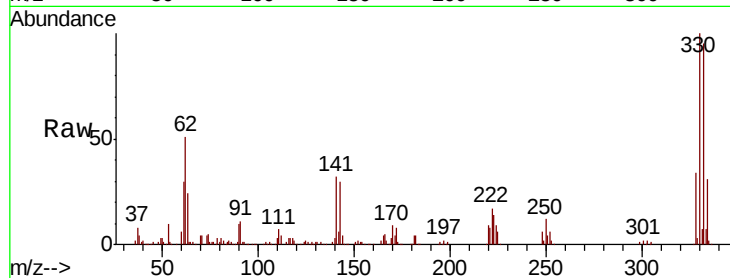




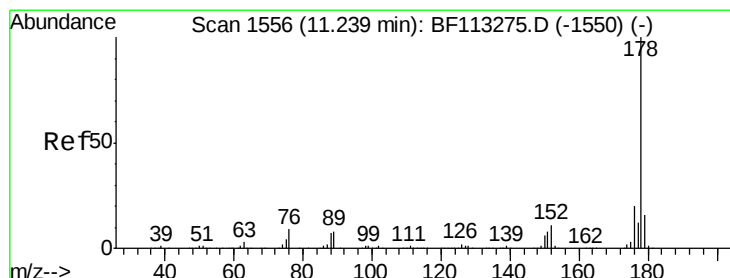
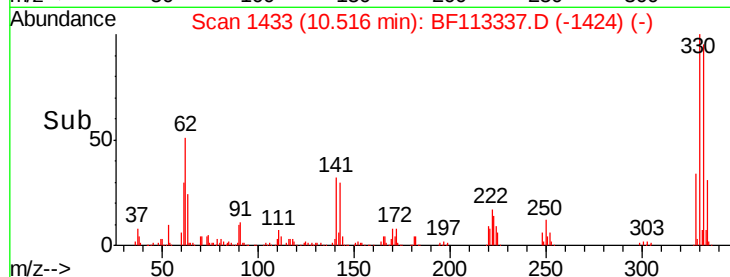
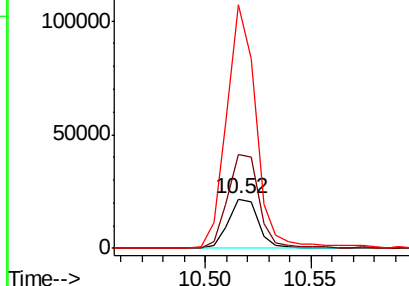
#67
 4-Bromophenyl-phenylether
 Concen: 3.451 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 CS-18

Tgt Ion:248 Resp: 21621
 Ion Ratio Lower Upper
 248 100
 250 188.7 78.3 117.5#
 141 491.0 56.2 84.4#

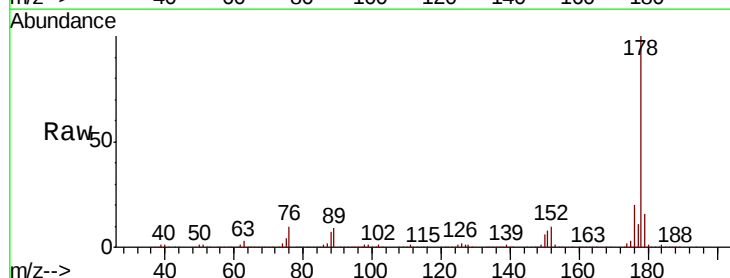


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

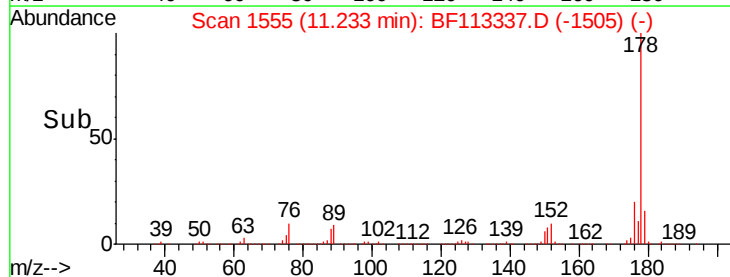
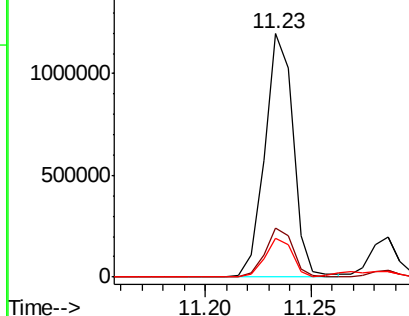


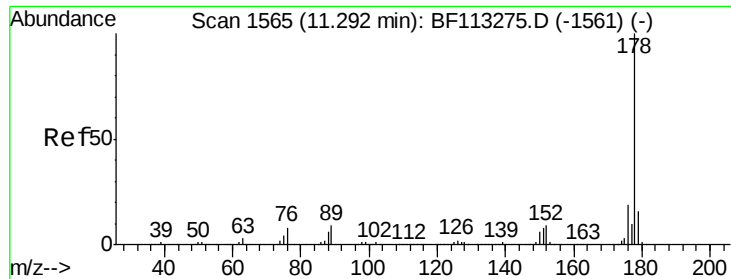
#71
 Phenanthrene
 Concen: 39.186 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Tgt Ion:178 Resp: 1118497
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.2
 179 16.0 12.7 19.1



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

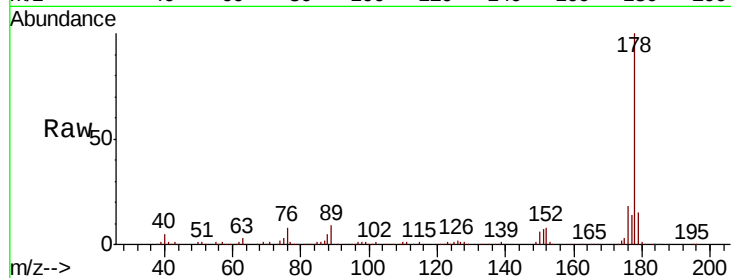




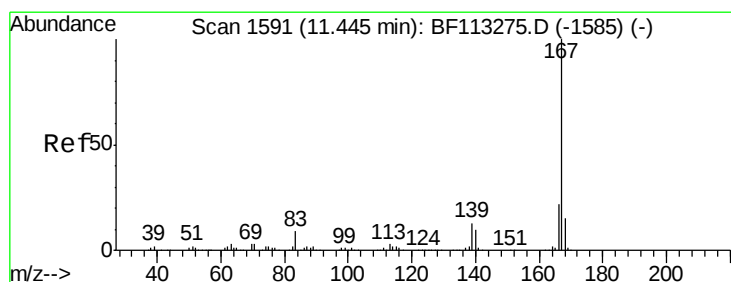
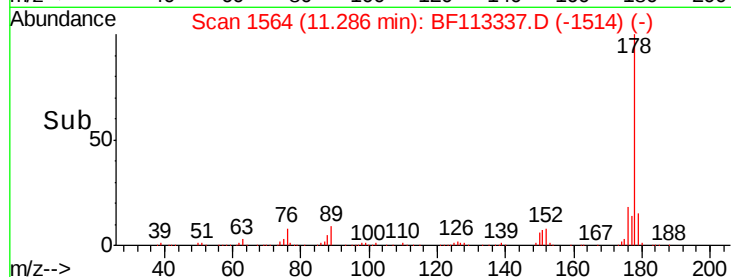
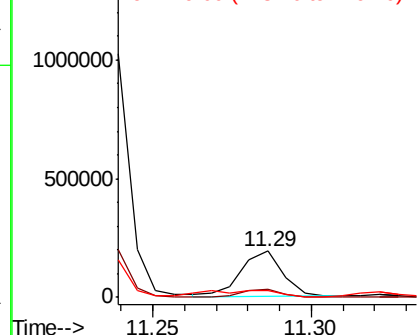
#72
 Anthracene
 Concen: 5.940 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Tgt Ion:178 Resp: 172226
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.4 12.8 19.2

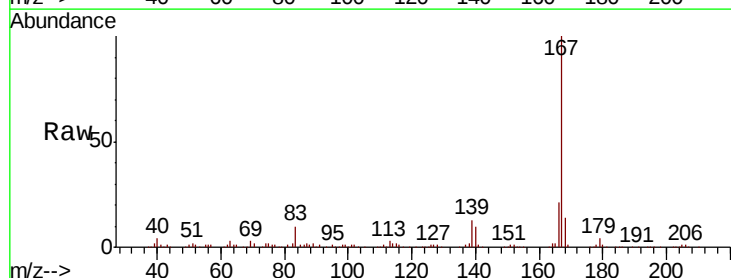


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

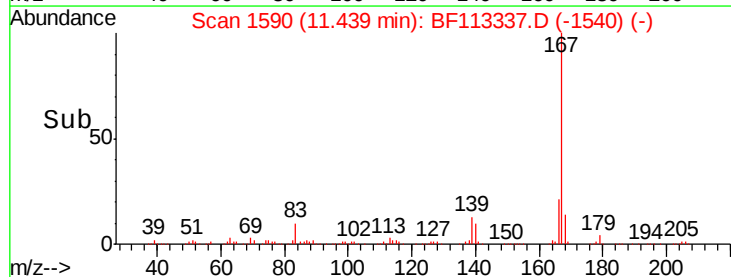
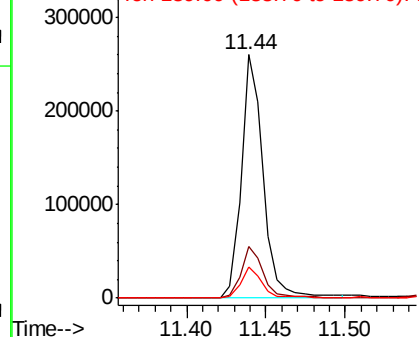


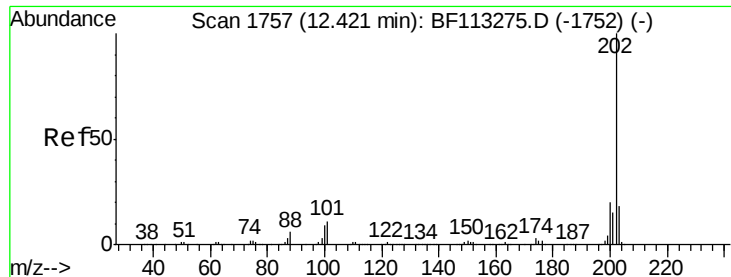
#73
 Carbazole
 Concen: 8.948 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Tgt Ion:167 Resp: 247556
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 12.7 10.4 15.6



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





#75

Fluoranthene

Concen: 89.979 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

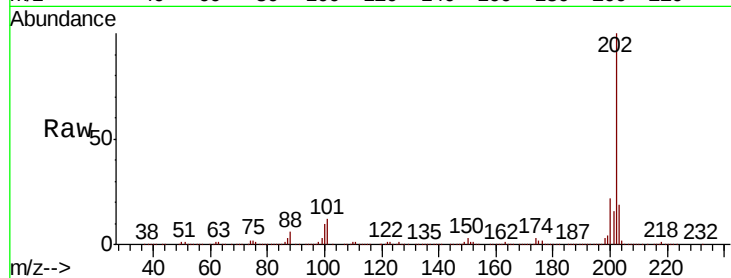
Tgt Ion:202 Resp: 2903391

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

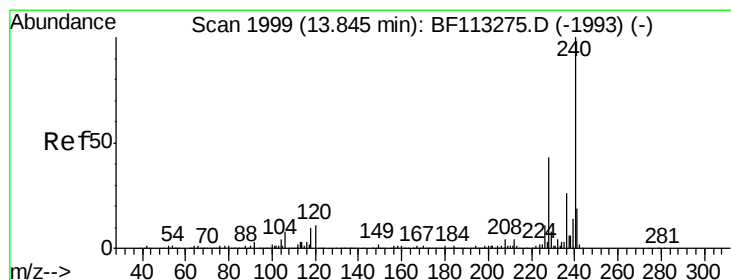
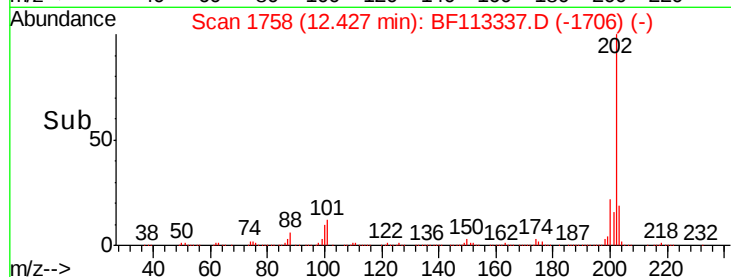
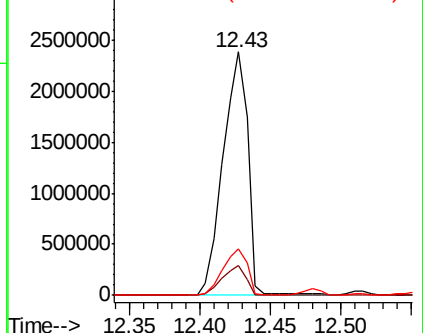
203 19.1 0.0 38.0



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

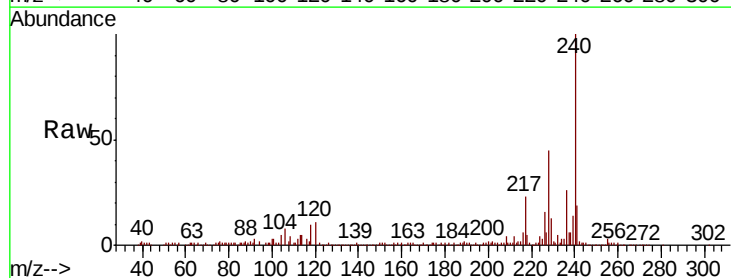
Tgt Ion:240 Resp: 391621

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

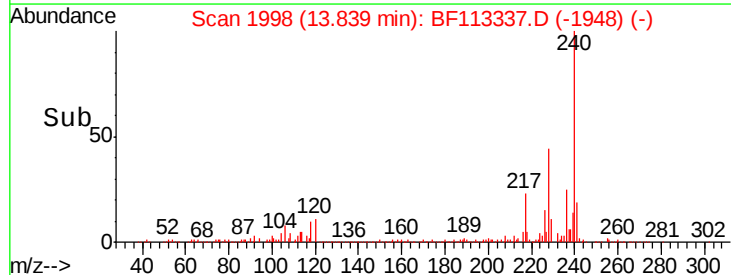
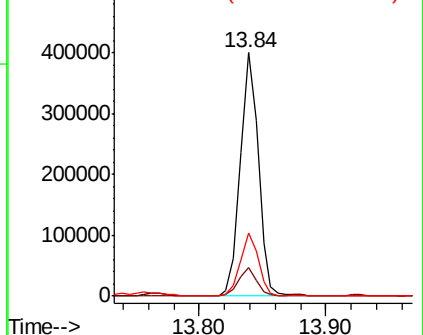
236 25.8 20.9 31.3

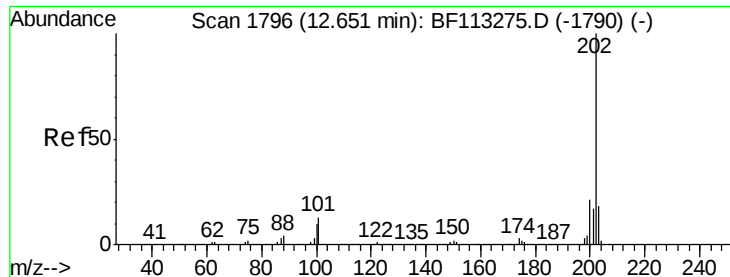


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 87.761 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

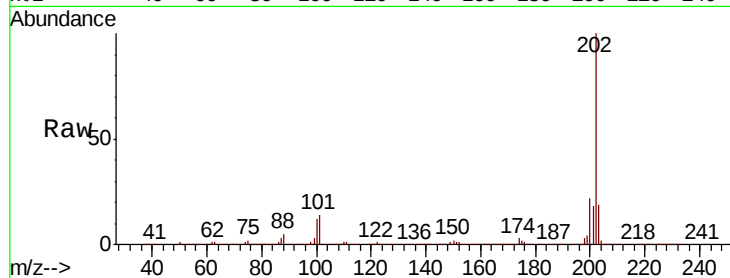
Tgt Ion:202 Resp: 2381653

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

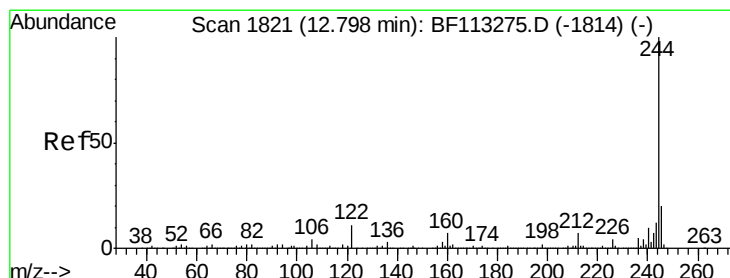
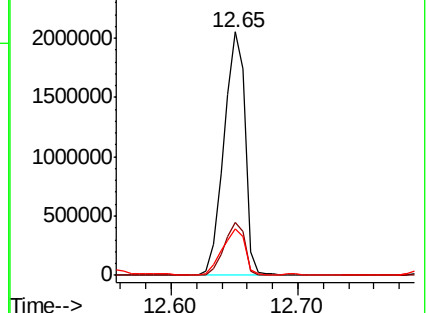
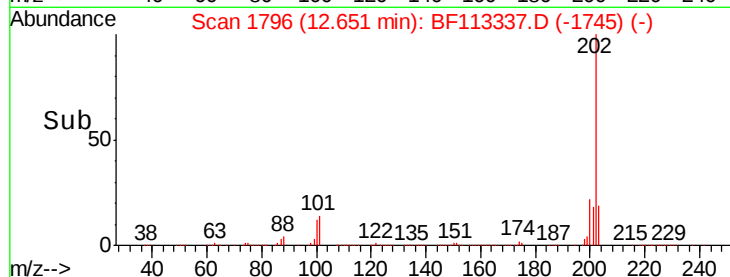
203 19.2 14.4 21.6



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: 77.642 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

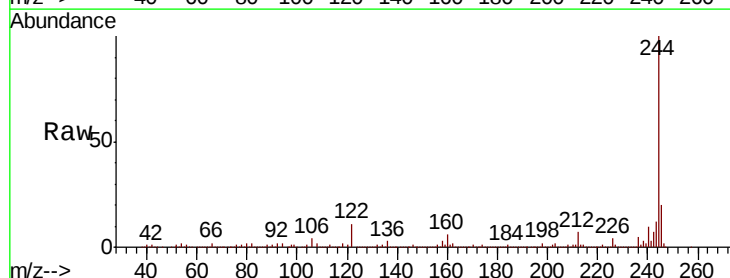
Tgt Ion:244 Resp: 1379492

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

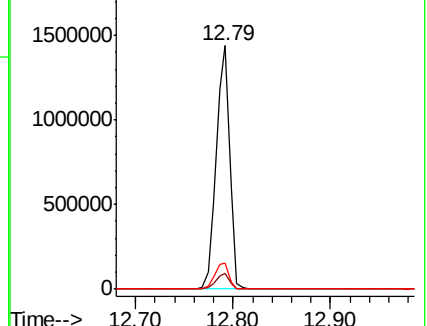
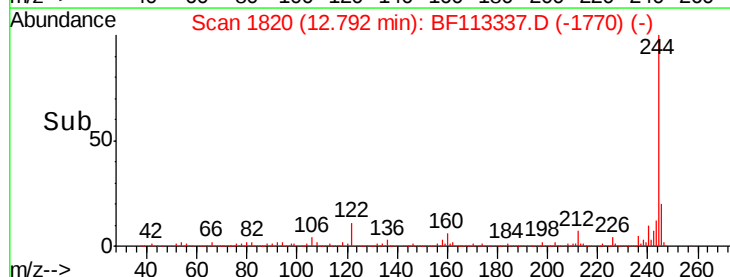
122 10.9 8.6 13.0

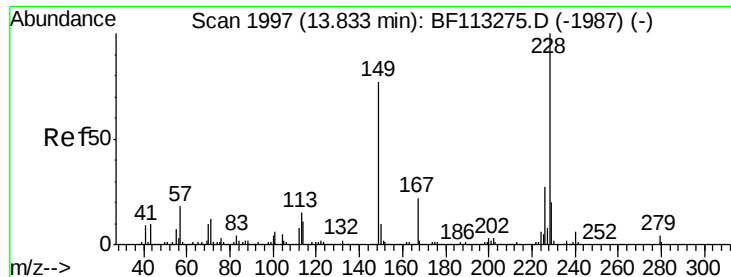


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

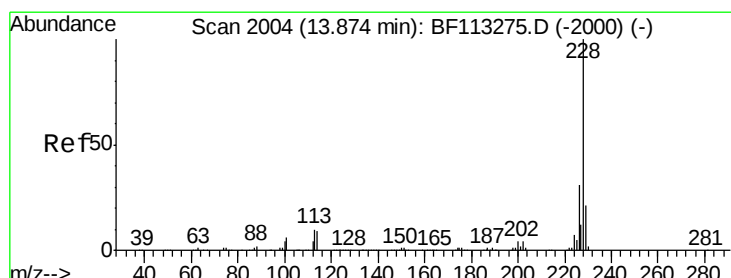
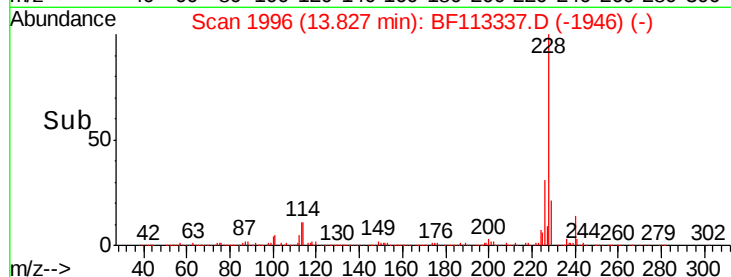
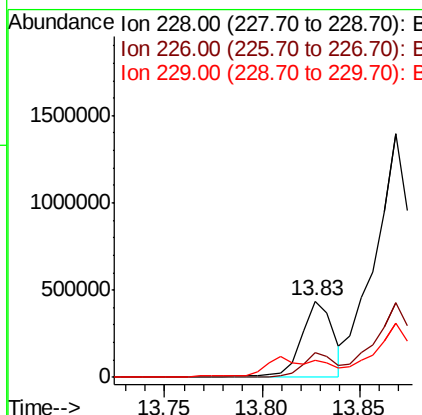
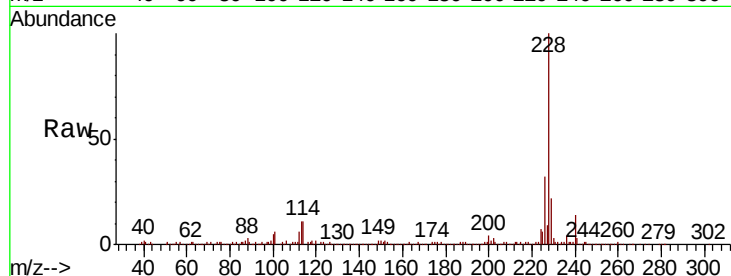




#81
Benzo(a)anthracene
Concen: 21.745 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

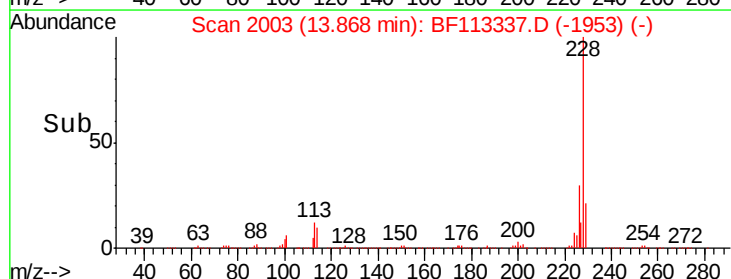
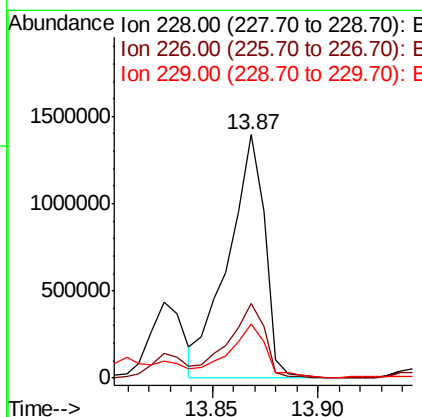
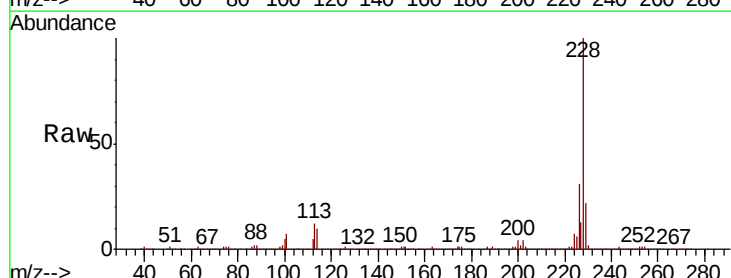
Instrument :
BNA_F
ClientSampleId :
CS-18

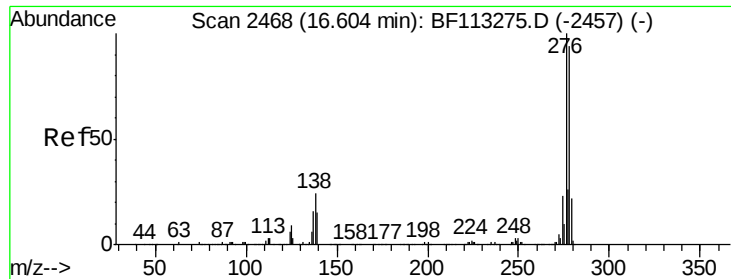
Tgt Ion: 228 Resp: 487455
Ion Ratio Lower Upper
228 100
226 31.6 21.8 32.8
229 21.9 16.2 24.4



#83
Chrysene
Concen: 73.171 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion: 228 Resp: 1666078
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.0 16.3 24.5

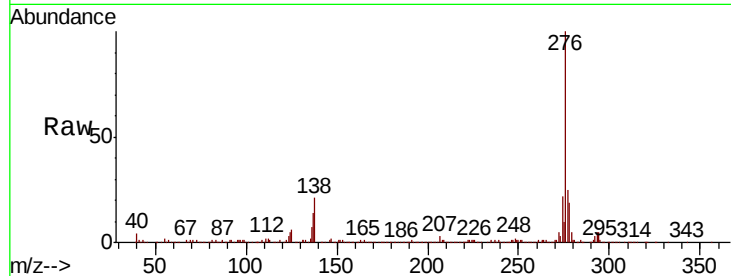




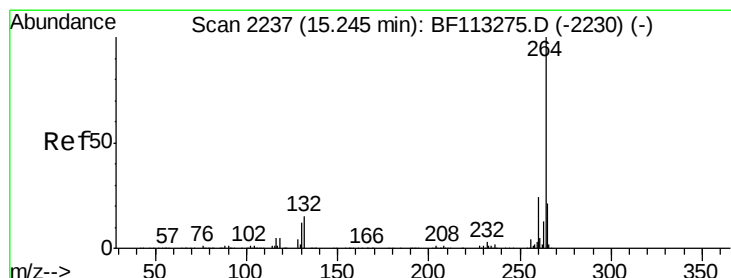
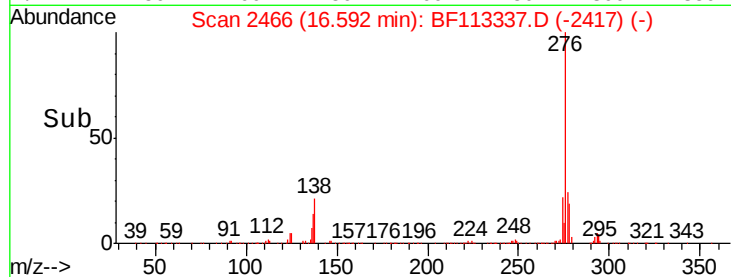
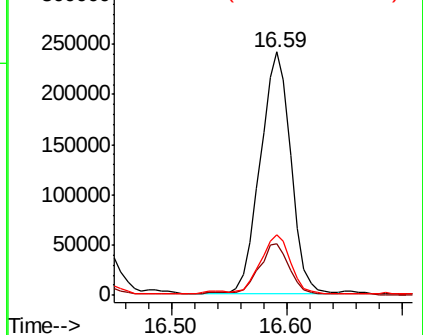
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 22.797 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 CS-18

Tgt Ion:276 Resp: 445492
 Ion Ratio Lower Upper
 276 100
 138 20.2 18.1 27.1
 277 24.0 20.2 30.4

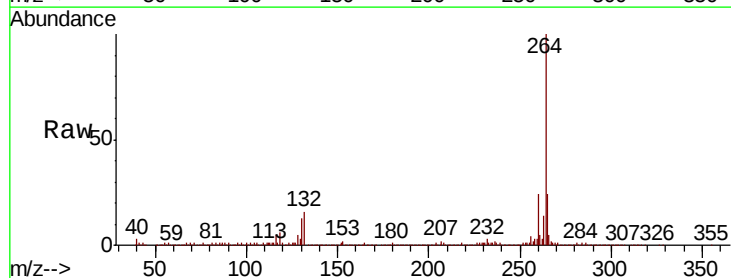


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

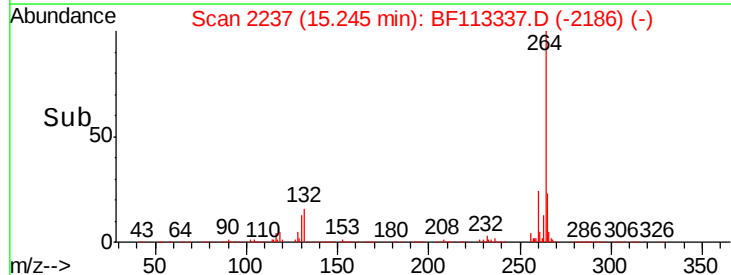
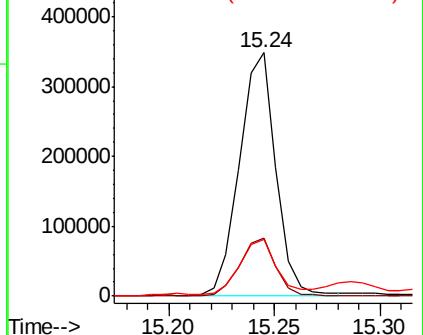


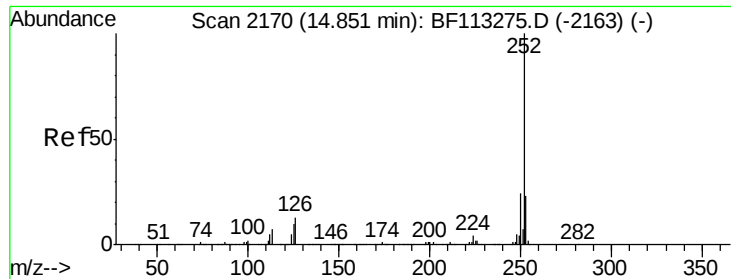
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BF113337.D
 Acq: 27 Mar 2019 18:13

Tgt Ion:264 Resp: 411392
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 23.6 17.1 25.7



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

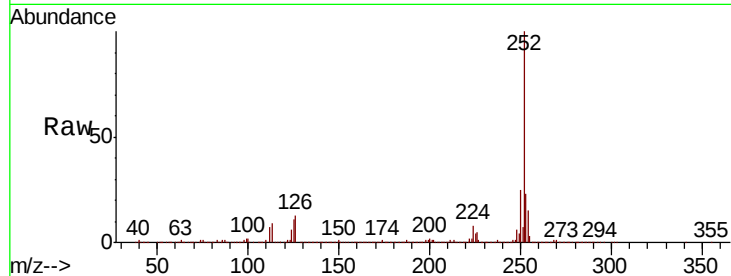




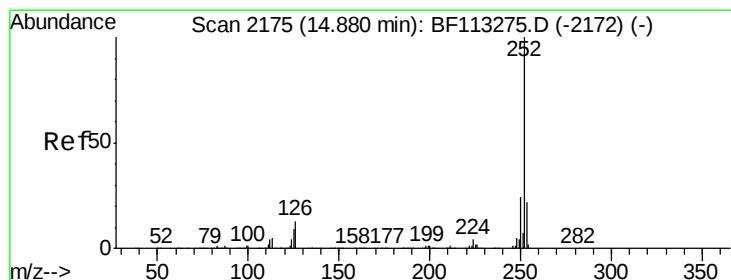
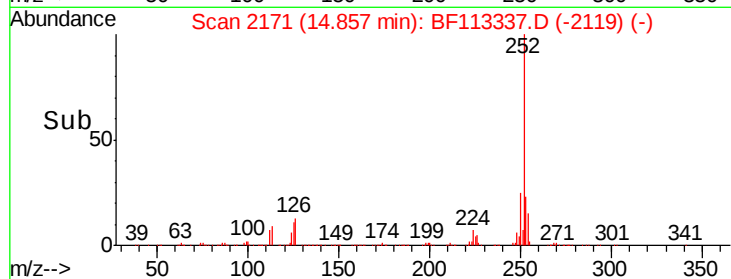
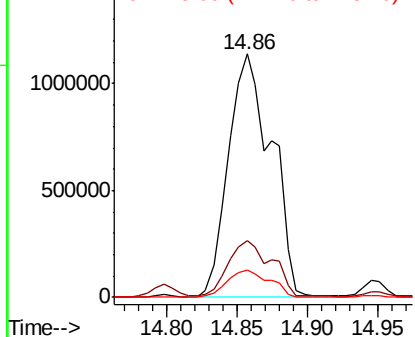
#88
Benzo(b)fluoranthene
Concen: 94.837 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Instrument :
BNA_F
ClientSampleId :
CS-18

Tgt Ion:252 Resp: 2423624
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.3 7.6 11.4

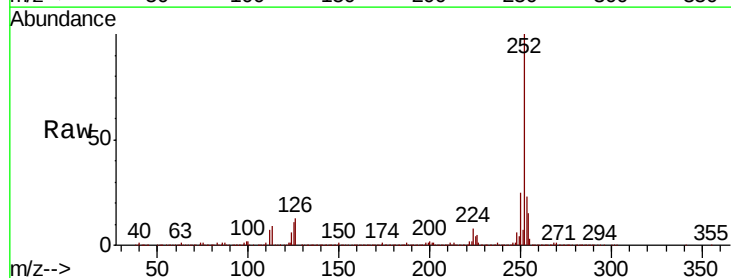


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

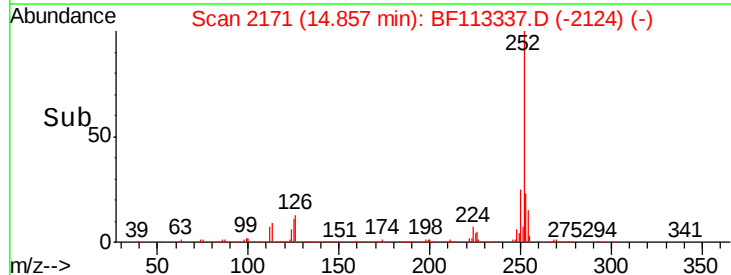
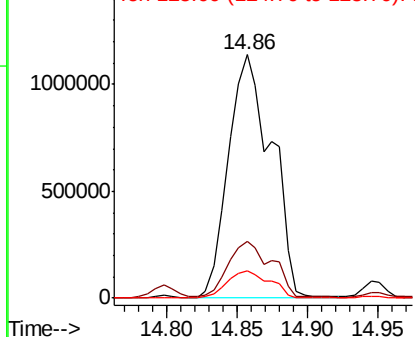


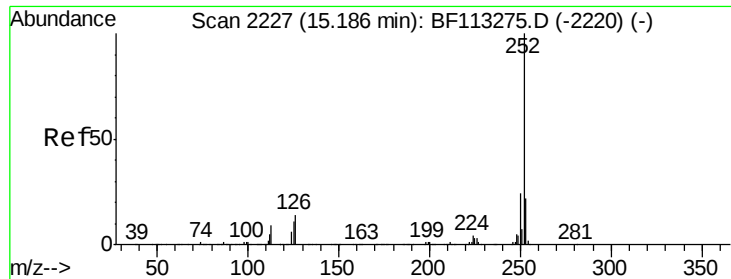
#89
Benzo(k)fluoranthene
Concen: 107.993 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113337.D
Acq: 27 Mar 2019 18:13

Tgt Ion:252 Resp: 2423624
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.3 7.3 10.9#



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





#90

Benzo(a)pyrene

Concen: 19.343 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampled :

CS-18

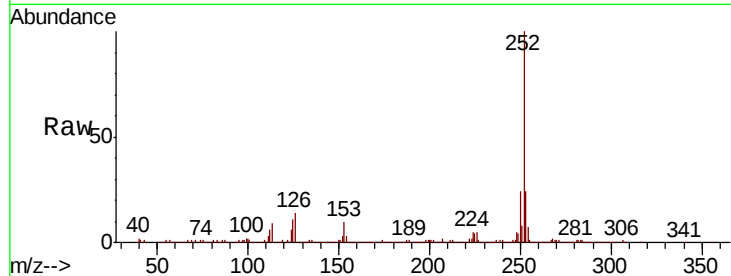
Tgt Ion:252 Resp: 438245

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

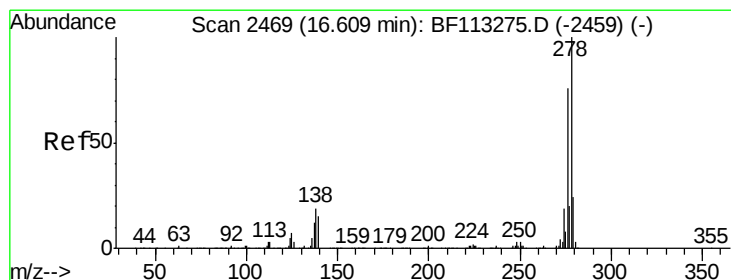
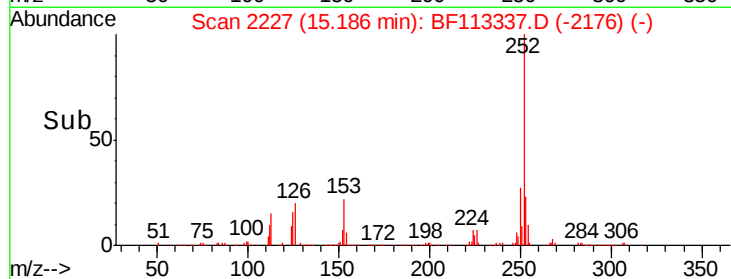
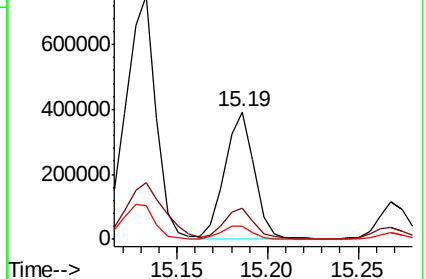
125 10.7 8.8 13.2



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



#91

Dibenzo(a,h)anthracene

Concen: 5.533 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

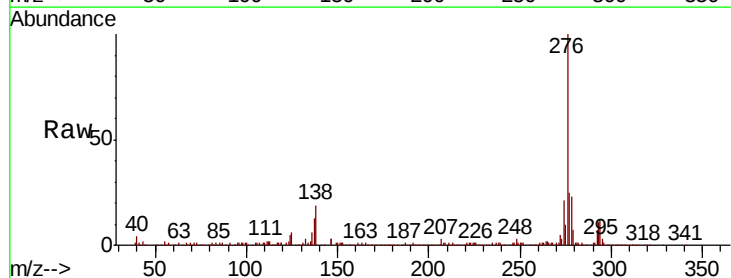
Tgt Ion:278 Resp: 108387

Ion Ratio Lower Upper

278 100

139 0.0 12.0 18.0#

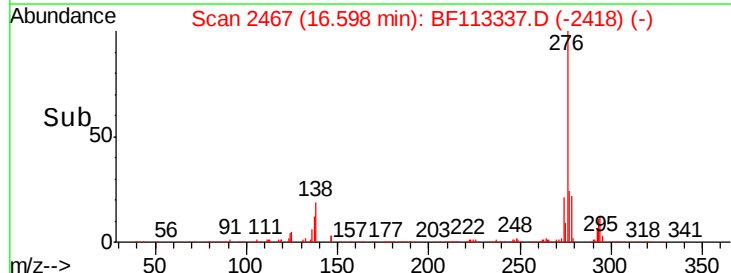
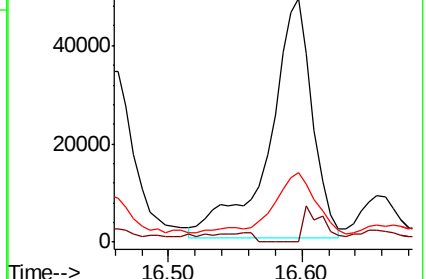
279 28.5 19.0 28.6

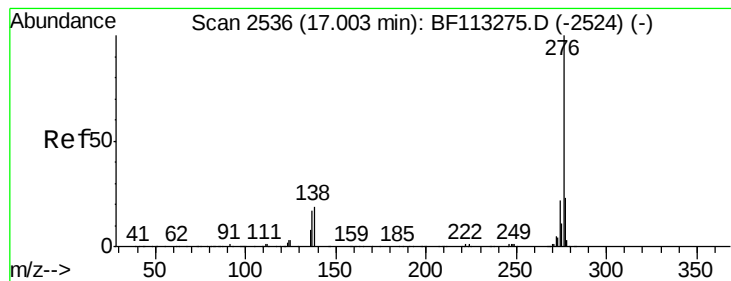


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.699 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113337.D

Acq: 27 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

CS-18

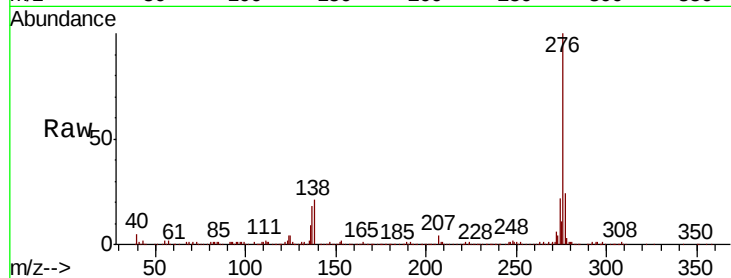
Tgt Ion: 276 Resp: 369340

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 21.4 15.6 23.4



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

