

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109585.D
 Acq On : 4 Oct 2018 14:37
 Operator : JU/SJ
 Sample : J5204-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 16:12:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117175	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	466081	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	203538	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	319606	20.00	ng	0.00
75) Chrysene-d12	13.85	240	246013	20.00	ng	0.00
86) Perylene-d12	15.25	264	252971	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	270318	38.00	ng	0.00
7) Phenol-d6	6.34	99	379351	41.79	ng	-0.02
23) Nitrobenzene-d5	7.26	82	239356	30.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	73699	36.73	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	439996	32.60	ng	-0.02
78) Terphenyl-d14	12.79	244	288063	28.74	ng	-0.01

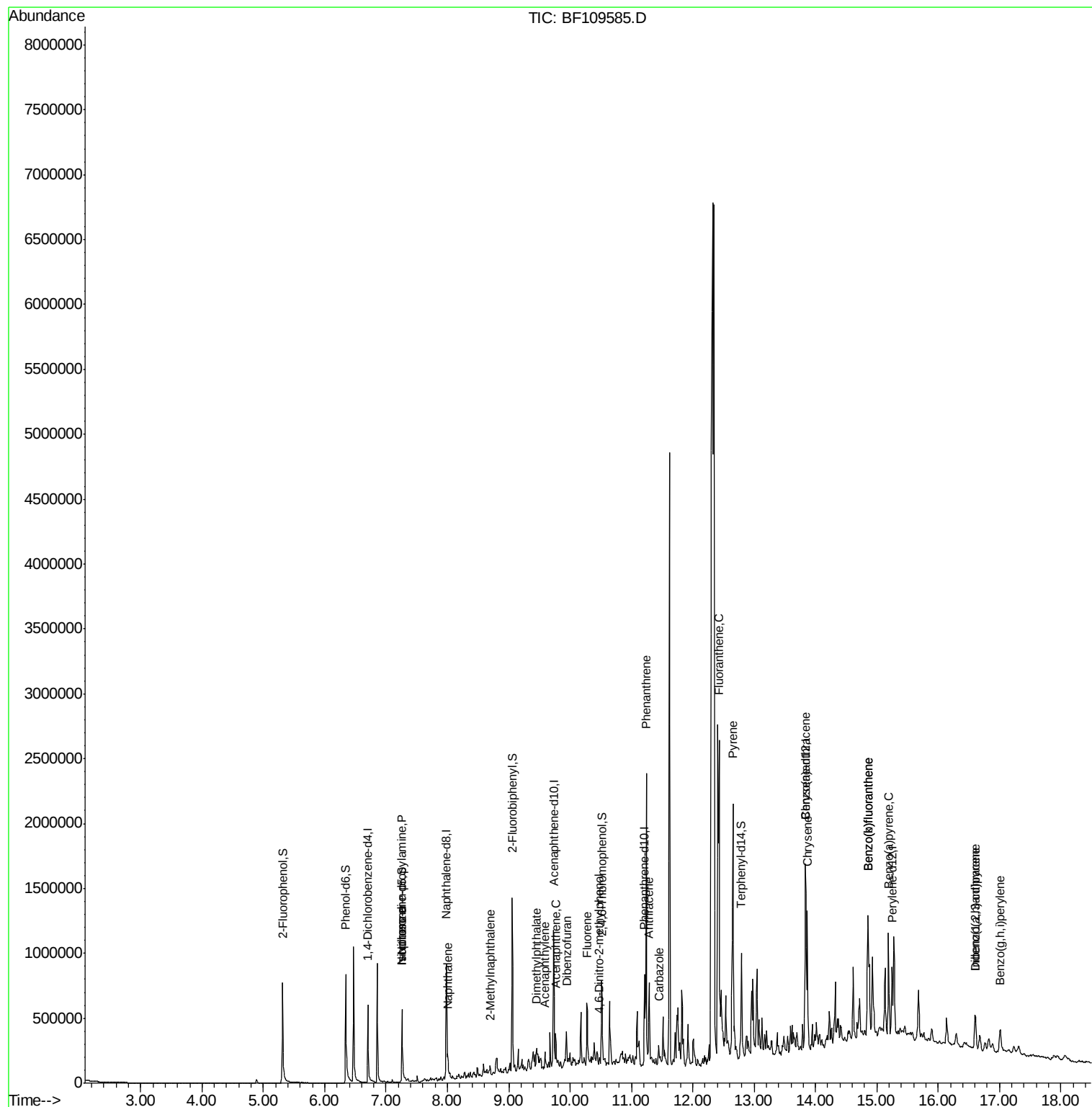
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.26	70	31832	5.351	ng	# 79
25) Isophorone	7.26	82	223679	15.732	ng	# 64
31) Naphthalene	8.00	128	67162	3.084	ng	98
37) 2-Methylnaphthalene	8.70	142	28987	2.065	ng	93
48) Acenaphthylene	9.59	152	48695	2.436	ng	98
49) Dimethylphthalate	9.45	163	49407	3.337	ng	# 96
51) Acenaphthene	9.76	154	53667	4.441	ng	98
54) Dibenzofuran	9.94	168	93698	5.214	ng	98
57) Fluorene	10.27	166	143866	11.220	ng	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	638	6.951	ng	# 1
70) Phenanthrene	11.24	178	835729	52.371	ng	99
71) Anthracene	11.29	178	275291	17.008	ng	99
72) Carbazole	11.45	167	72071	4.475	ng	99
74) Fluoranthene	12.43	202	1066759	62.553	ng	97
77) Pyrene	12.66	202	924144	52.415	ng	100
80) Benzo(a)anthracene	13.83	228	540303	36.462	ng	97
82) Chrysene	13.87	228	453793	30.898	ng	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	178914	15.029	ng	# 87
87) Benzo(b)fluoranthene	14.86	252	746417	53.697	ng	97
88) Benzo(k)fluoranthene	14.86	252	746417	56.587	ng	97
89) Benzo(a)pyrene	15.19	252	386076	30.823	ng	96
90) Dibenzo(a,h)anthracene	16.61	278	49423	4.810	ng	# 92
91) Benzo(g,h,i)perylene	17.02	276	156183	15.465	ng	# 90

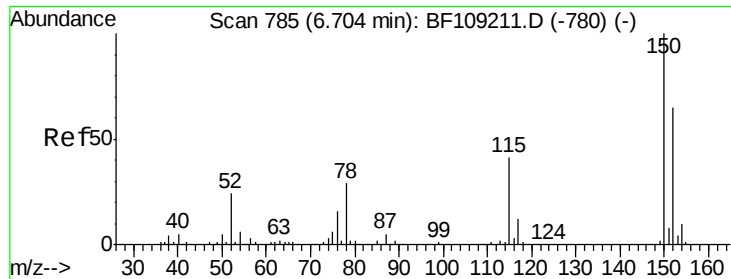
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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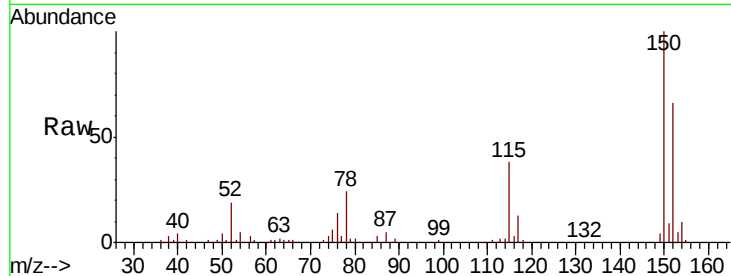


#1

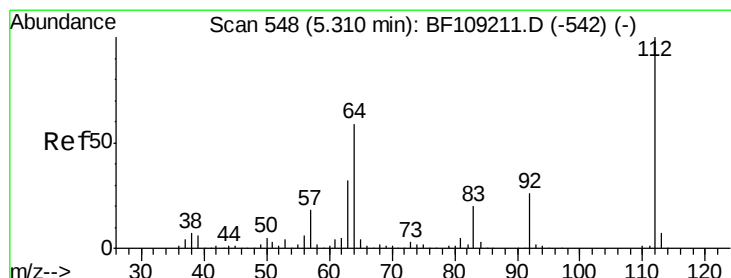
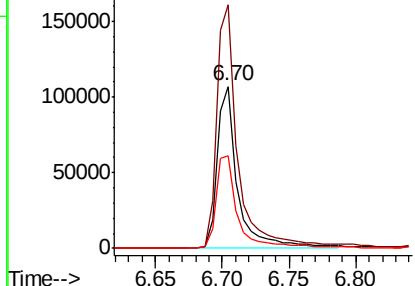
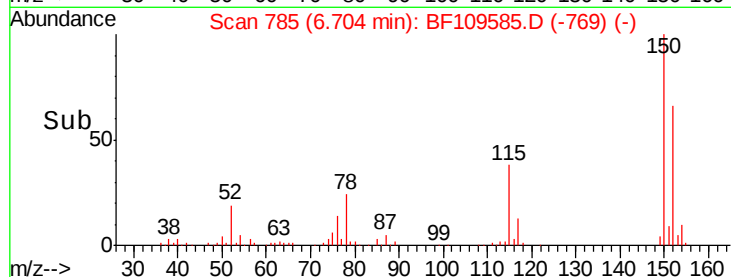
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117175
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 57.1 50.1 75.1



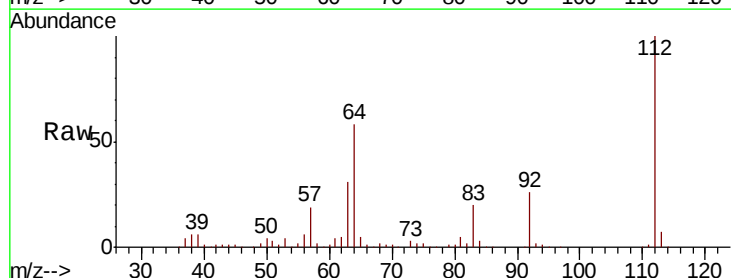
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



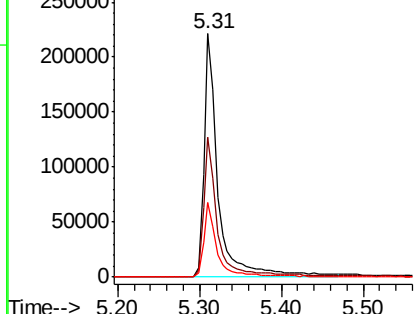
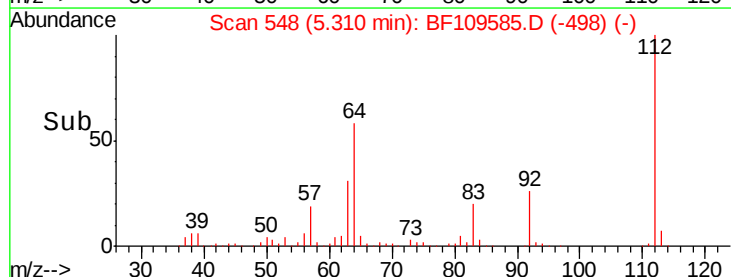
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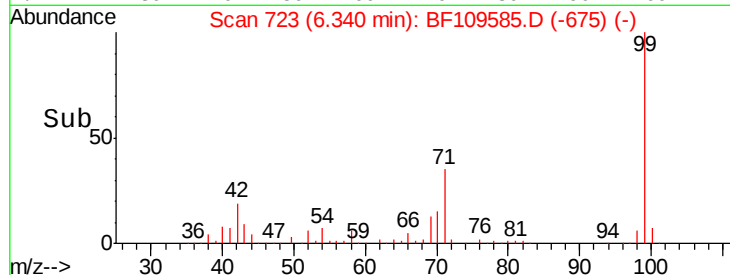
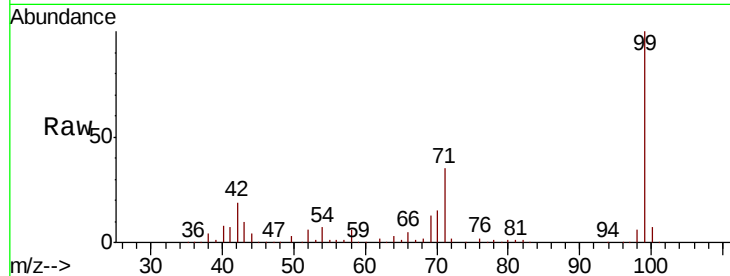
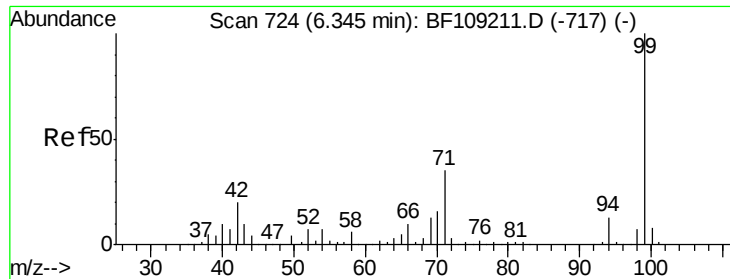
2-Fluorophenol
Concen: 37.997 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:112 Resp: 270318
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.7 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: 41.789 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

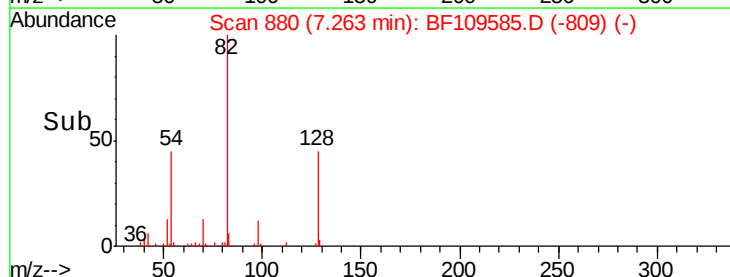
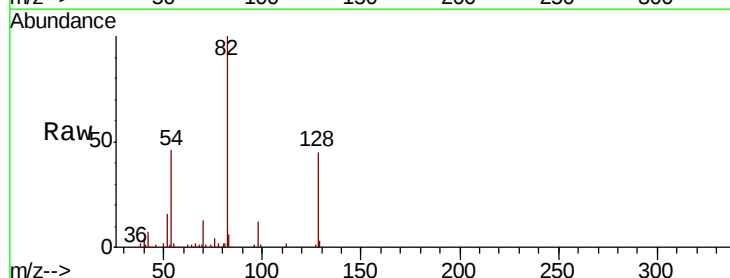
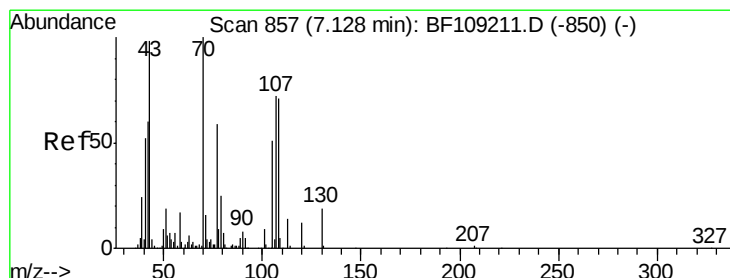
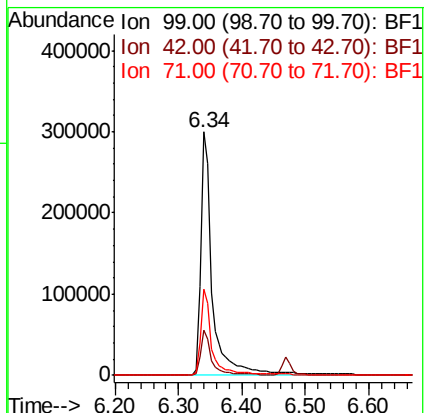
Tot Ion: 99 Resp: 379351

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 35.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.351 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Tgt Ion: 70 Resp: 31832

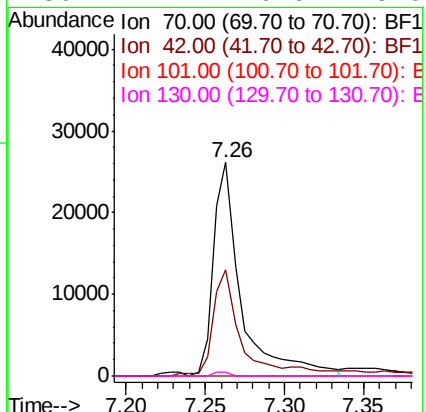
Ion Ratio Lower Upper

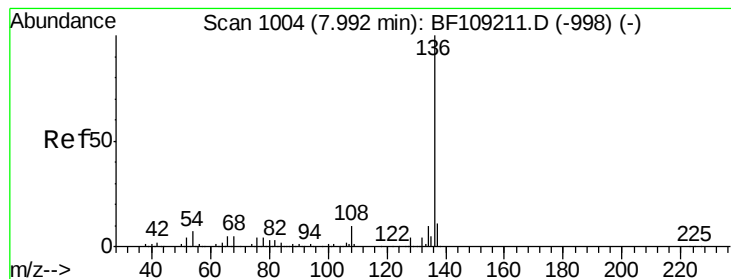
70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 466081

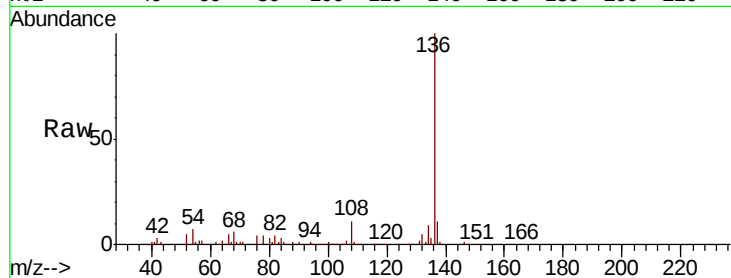
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 5.7 5.0 7.4

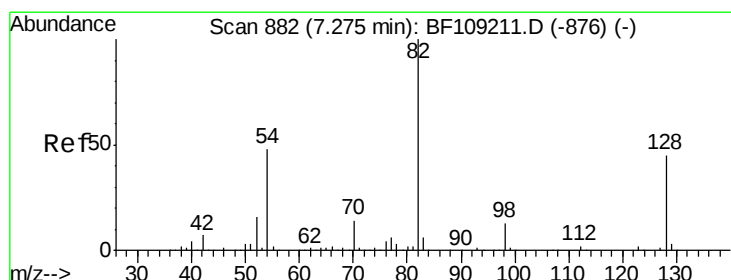
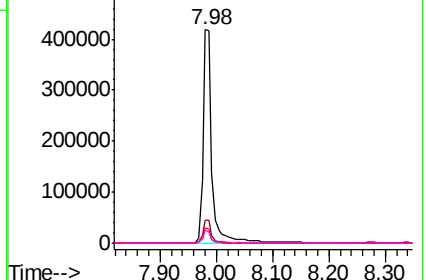
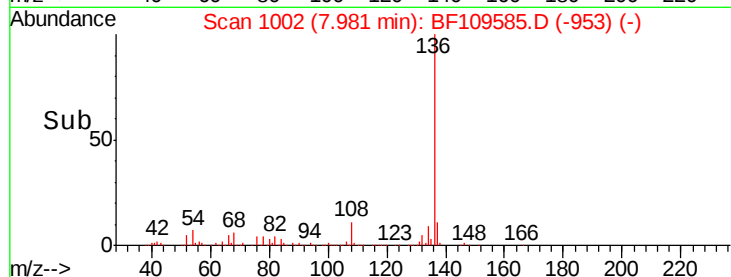


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.316 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

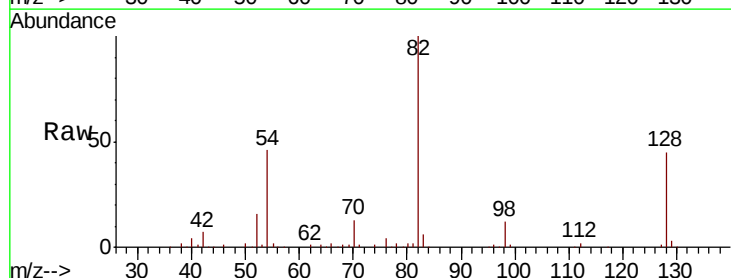
Tgt Ion: 82 Resp: 239356

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

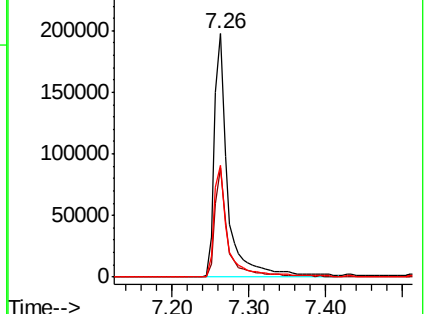
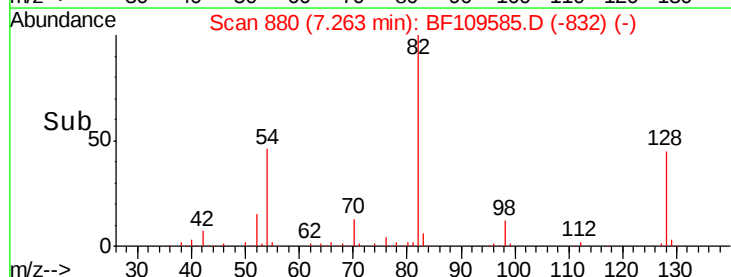
54 46.0 41.4 62.2

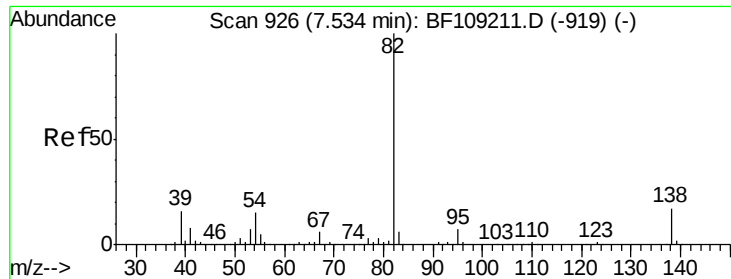


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

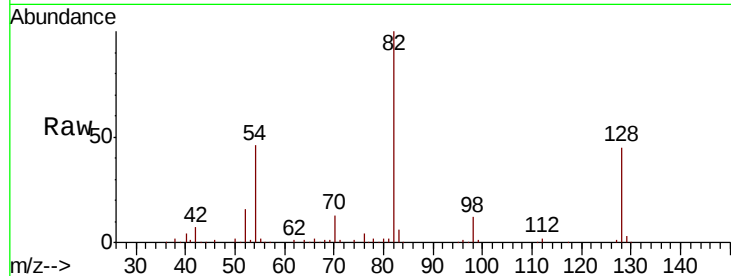




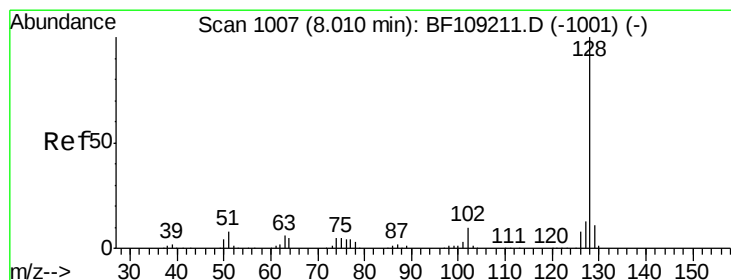
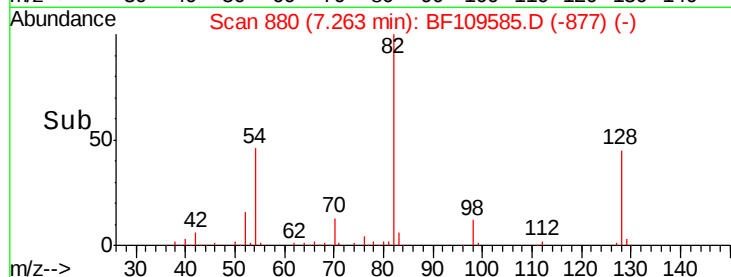
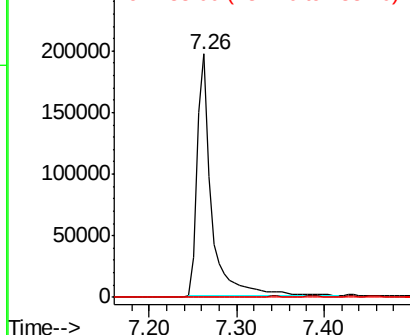
#25
Isophorone
Concen: 15.732 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 223679
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#

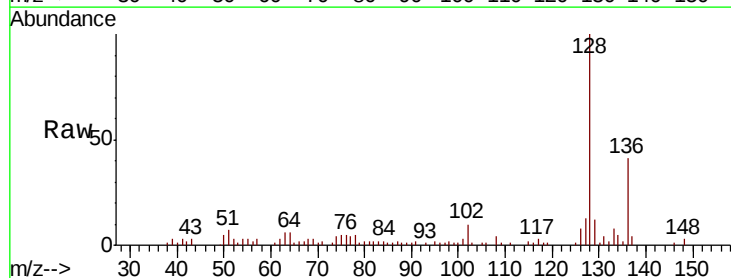


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

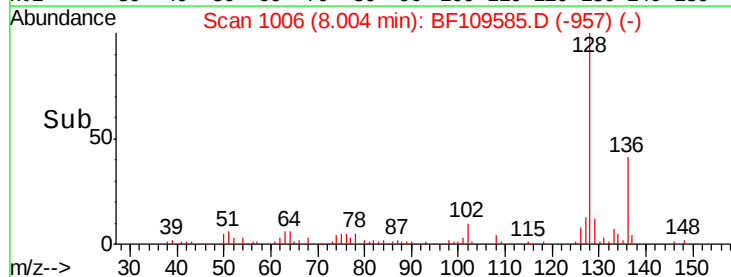
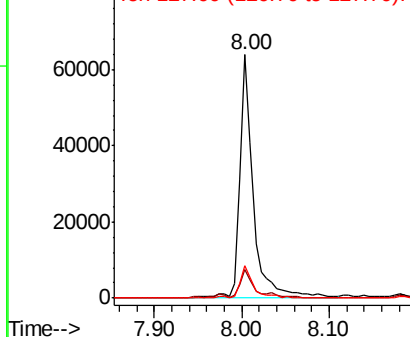


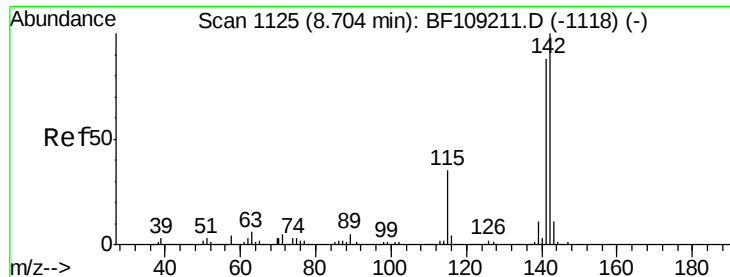
#31
Naphthalene
Concen: 3.084 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion: 128 Resp: 67162
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

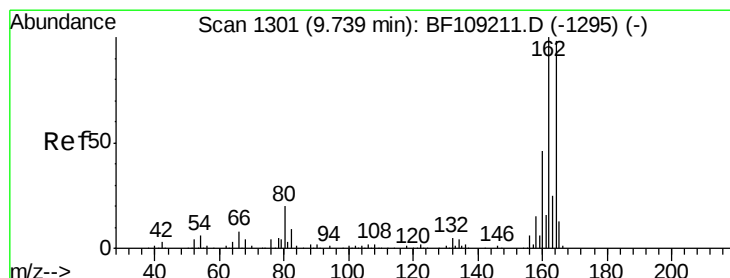
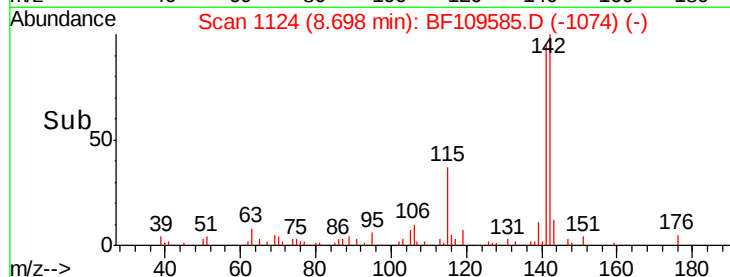
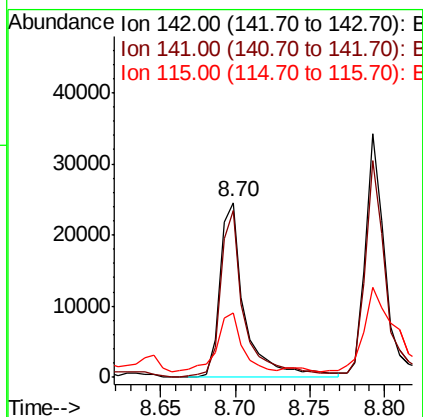
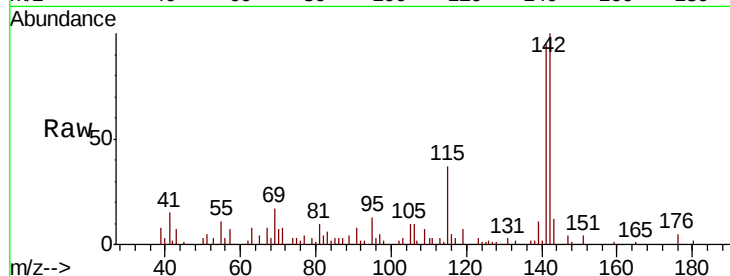




#37
2-Methylnaphthalene
Concen: 2.065 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

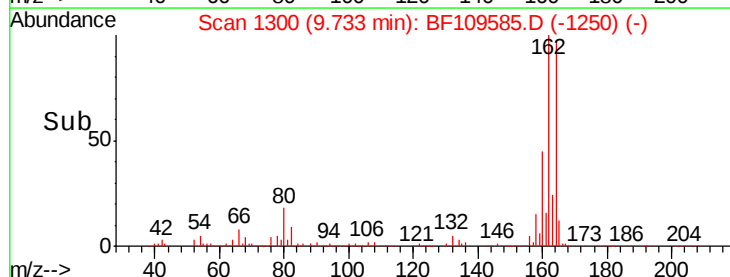
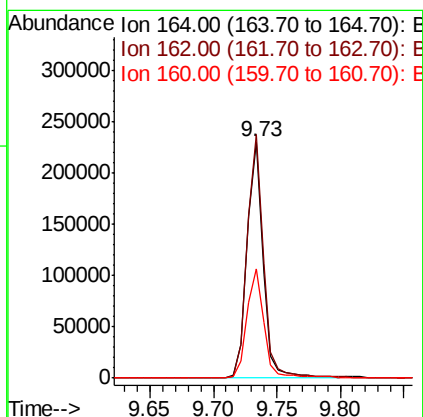
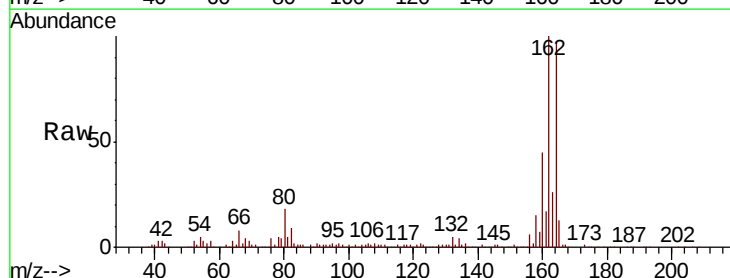
Instrument :
BNA_F
ClientSampleId :

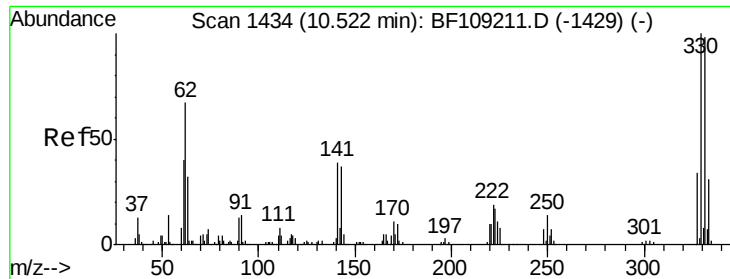
Tot Ion:142 Resp: 28987
Ion Ratio Lower Upper
142 100
141 95.3 70.8 106.2
115 36.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:164 Resp: 203538
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 46.4 38.3 57.5

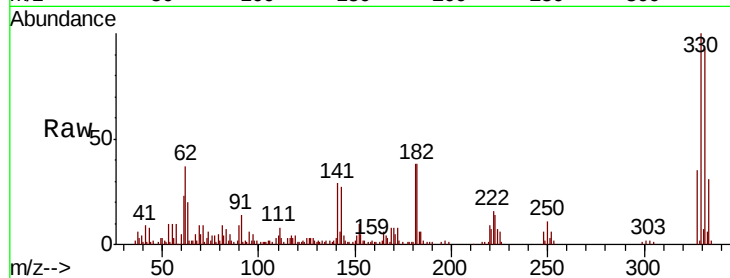




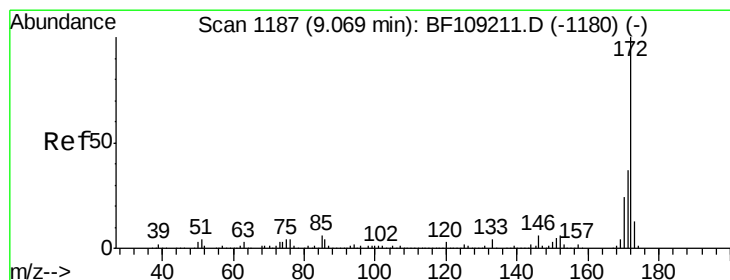
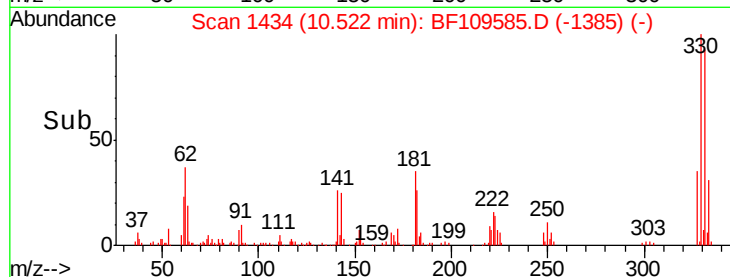
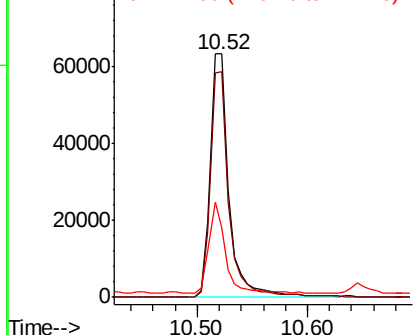
#41
 2,4,6-Tribromophenol
 Concen: 36.731 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 73699
 Ion Ratio Lower Upper
 330 100
 332 91.6 77.0 115.6
 141 33.3 29.9 44.9

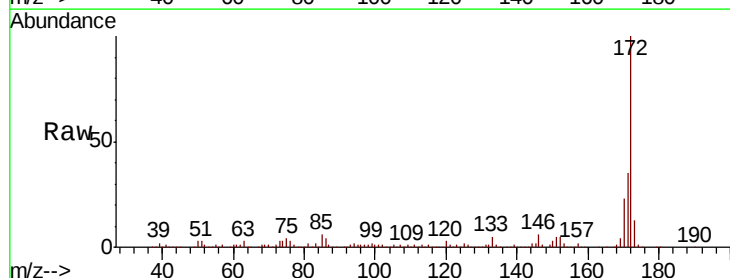


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

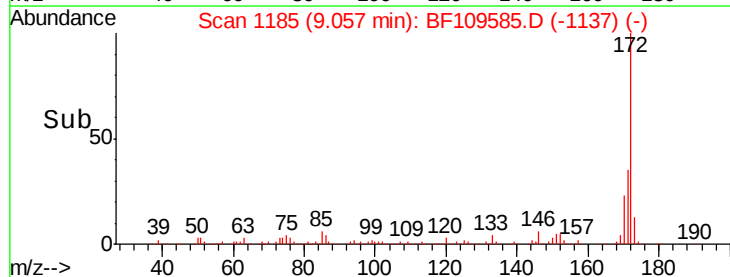
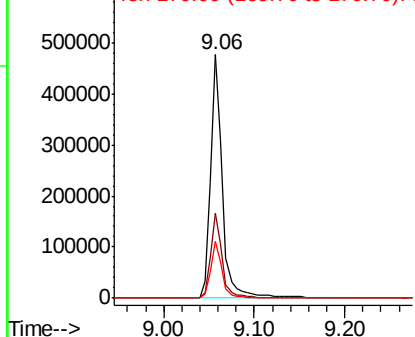


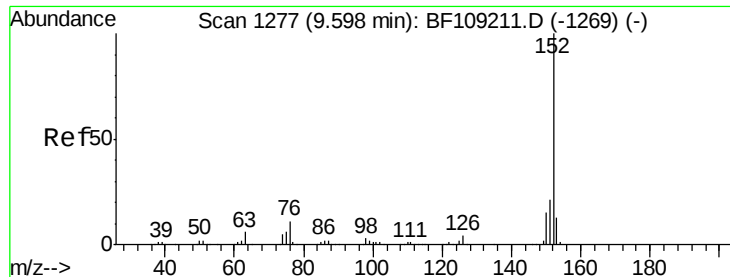
#44
 2-Fluorobiphenyl
 Concen: 32.603 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Tgt Ion:172 Resp: 439996
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.5 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

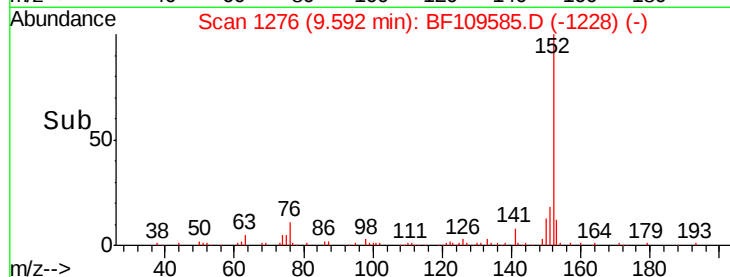
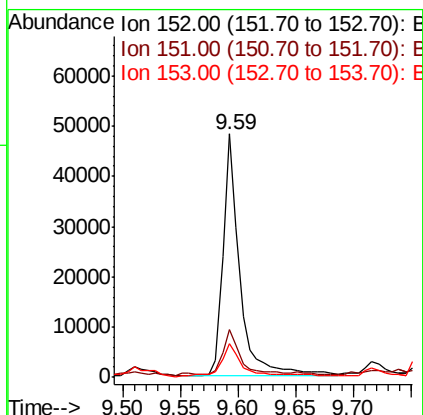
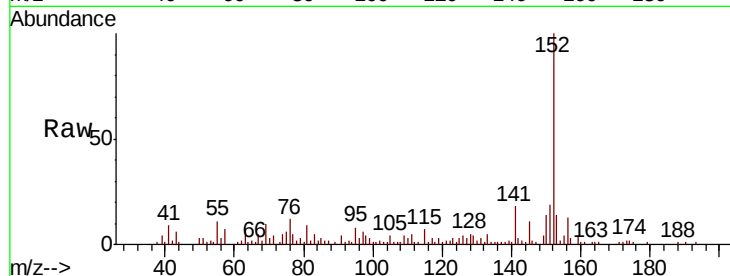




#48
Acenaphthylene
Concen: 2.436 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

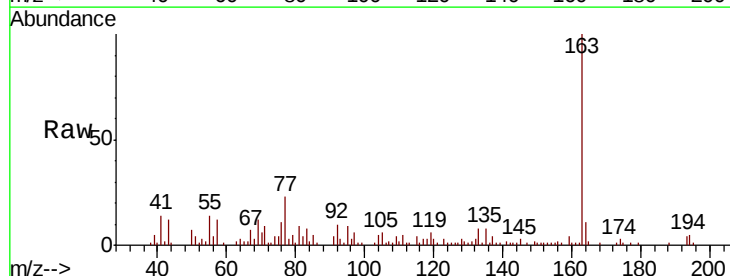
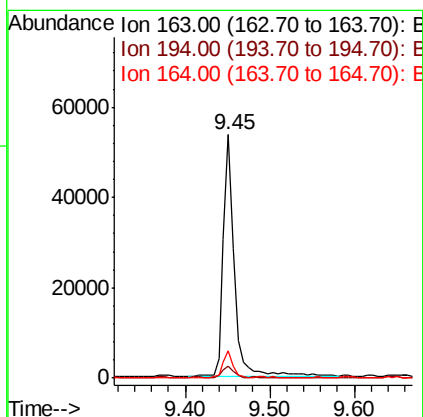
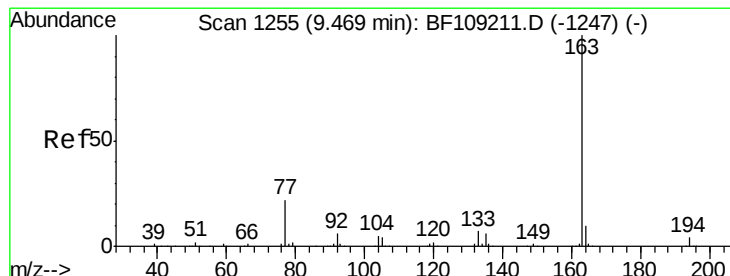
Instrument :
BNA_F
ClientSampleId :

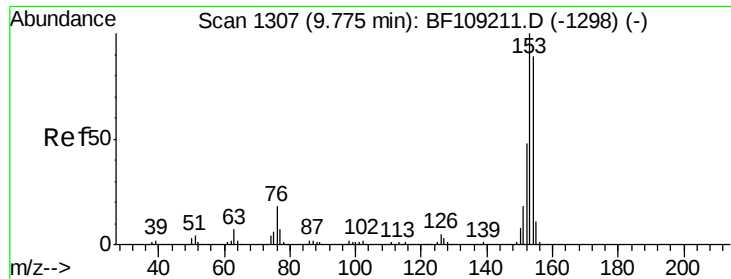
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	13.7	10.7	16.1



#49
Dimethylphthalate
Concen: 3.337 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	11.4	8.2	12.2





#51

Acenaphthene

Concen: 4.441 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

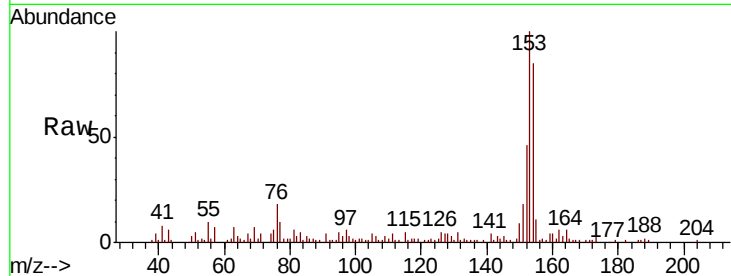
Tot Ion:154 Resp: 53667

Ion Ratio Lower Upper

154 100

153 117.6 91.2 136.8

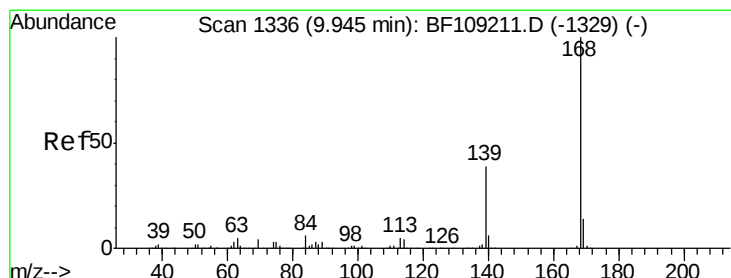
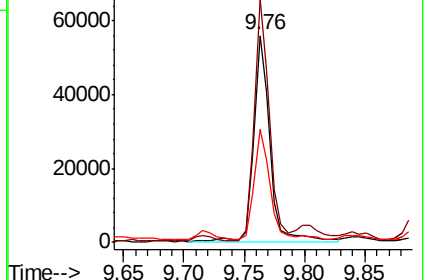
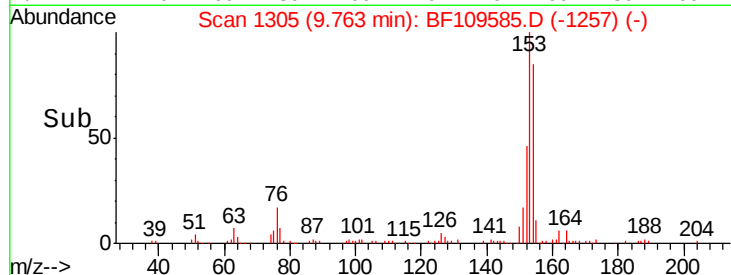
152 54.5 43.8 65.8



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



#54

Dibenzofuran

Concen: 5.214 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

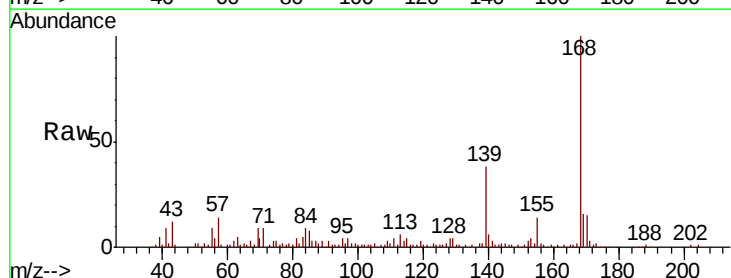
Tgt Ion:168 Resp: 93698

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

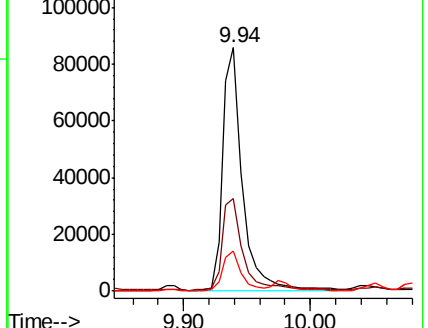
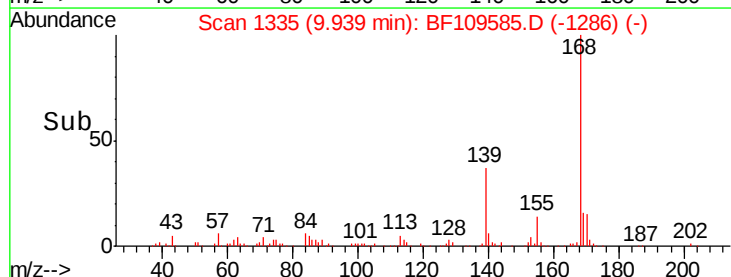
169 16.3 10.9 16.3

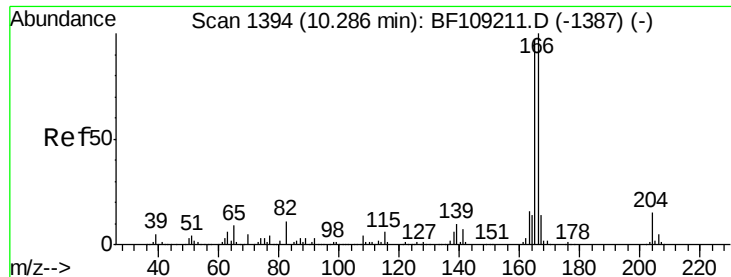


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 11.220 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.02 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

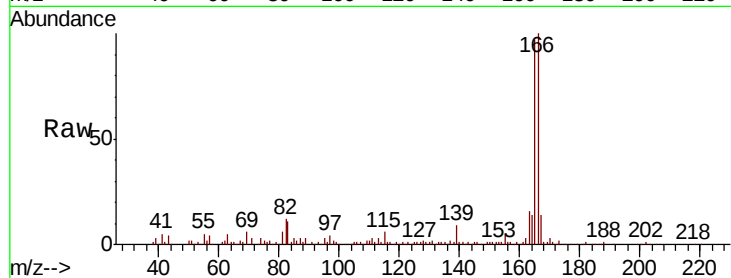
Tot Ion:166 Resp: 143866

Ion Ratio Lower Upper

166 100

165 97.0 79.8 119.8

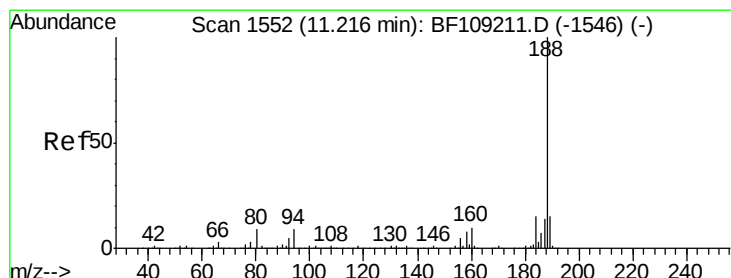
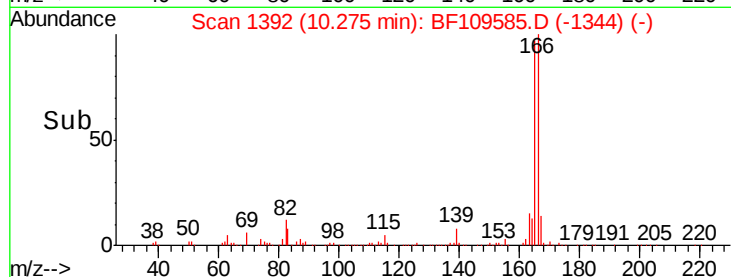
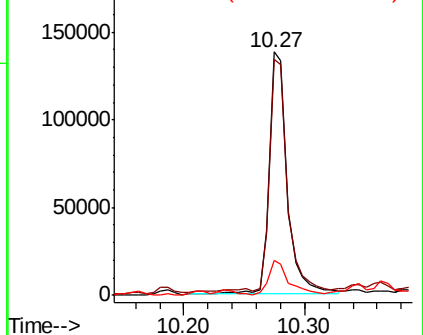
167 14.2 10.6 16.0



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

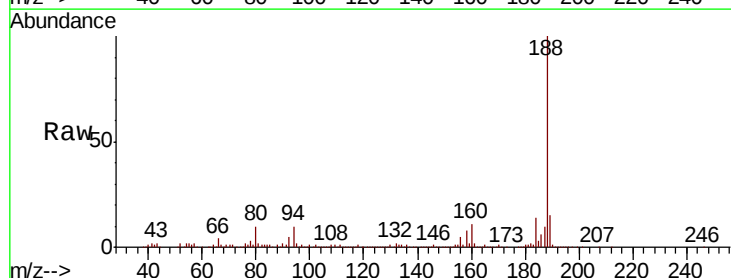
Tgt Ion:188 Resp: 319606

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

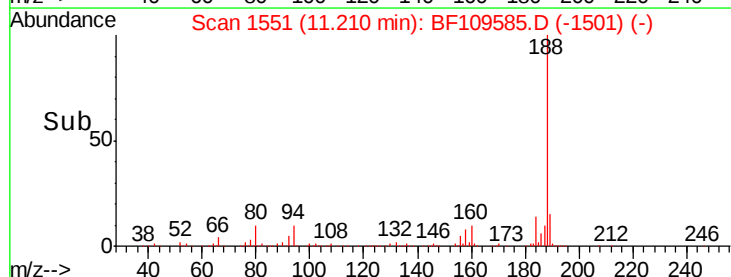
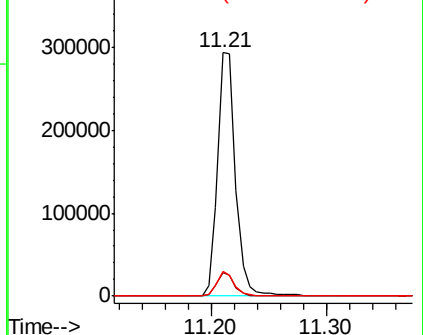
80 10.0 9.2 13.8

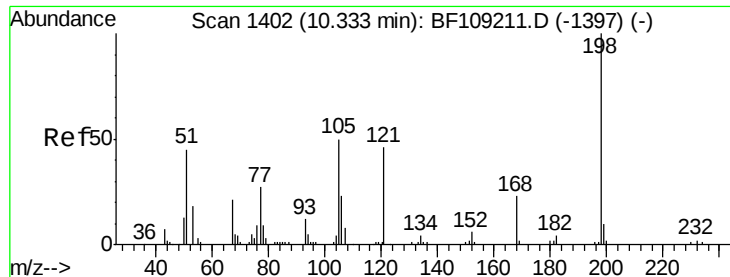


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

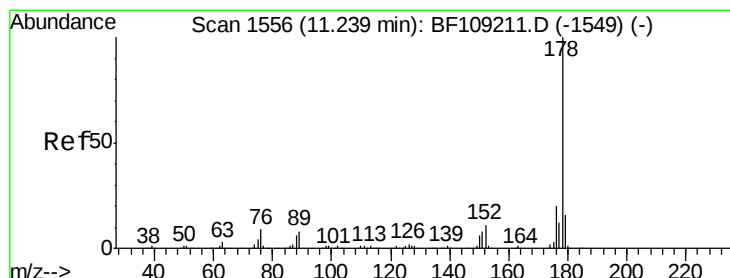
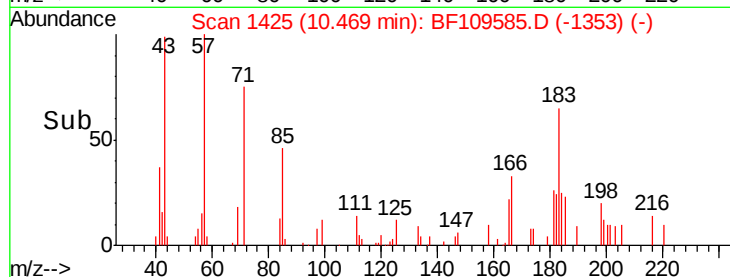
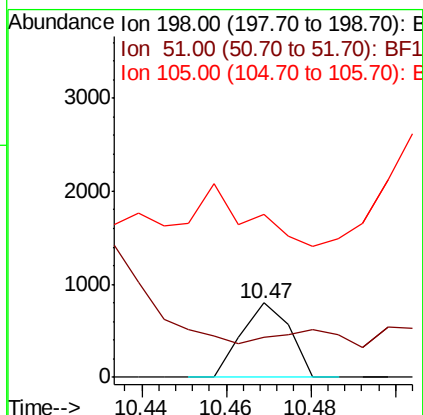
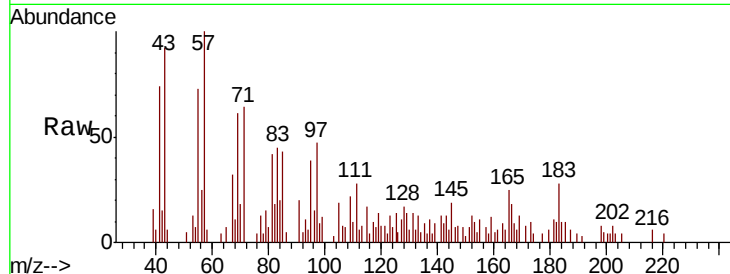




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.951 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.12 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

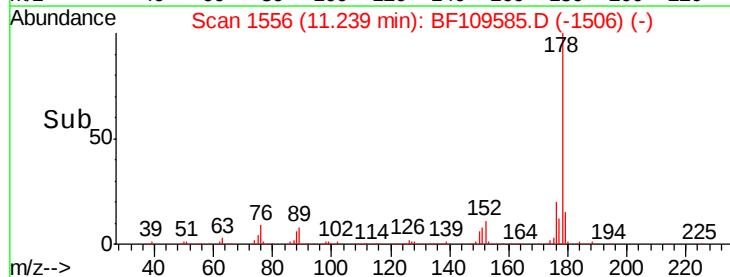
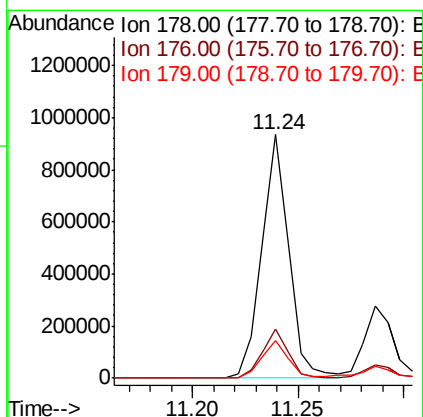
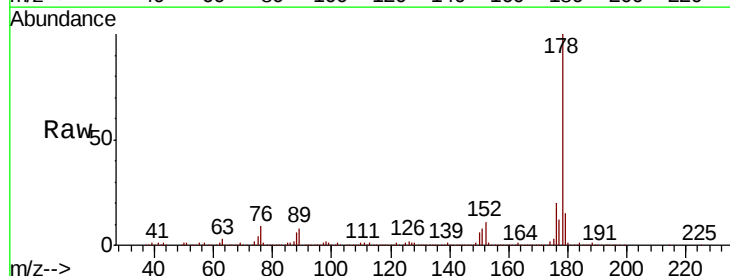
Instrument :
 BNA_F
 ClientSampleId :

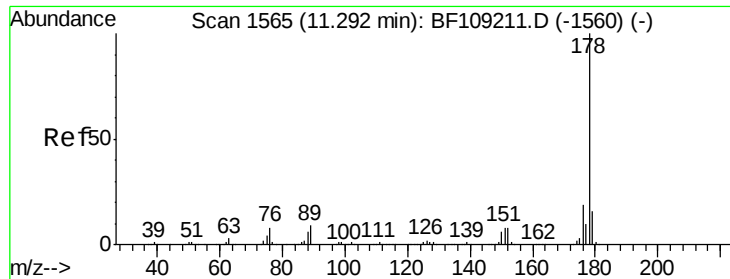
Tot Ion:198 Resp: 638
 Ion Ratio Lower Upper
 198 100
 51 54.3 37.7 77.7
 105 219.4 36.3 76.3#



#70
 Phenanthrene
 Concen: 52.371 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Tgt Ion:178 Resp: 835729
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 13.0 19.6

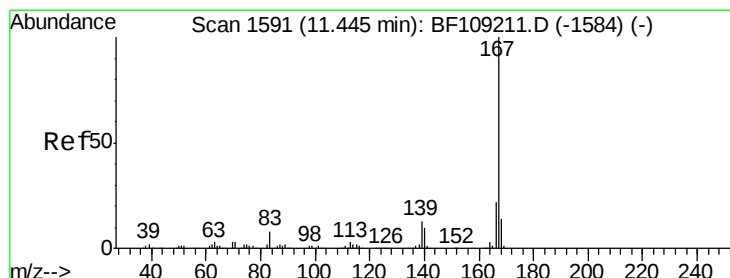
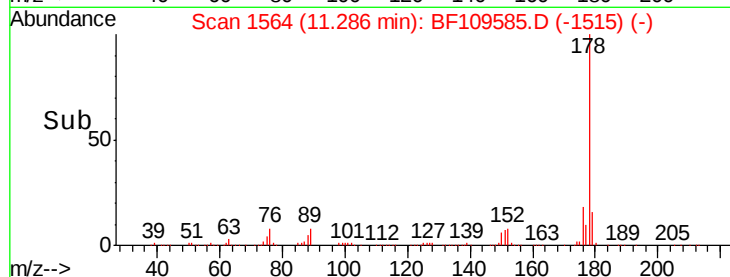
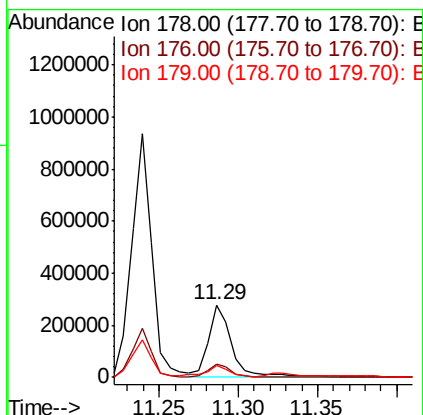
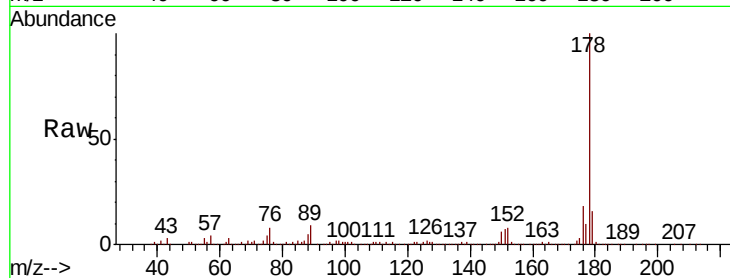




#71
 Anthracene
 Concen: 17.008 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

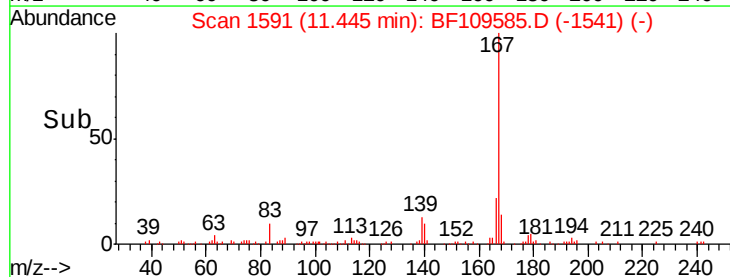
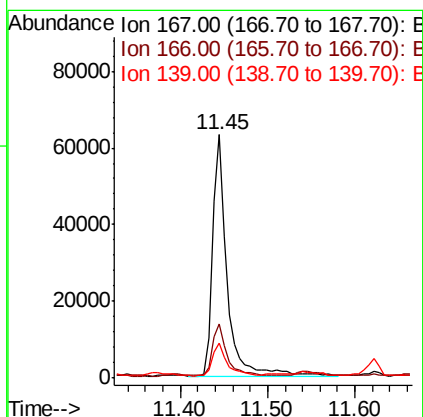
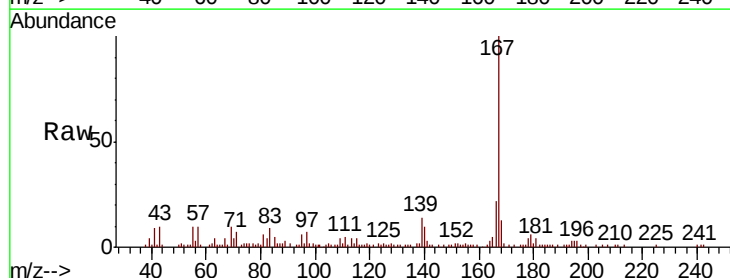
Instrument :
 BNA_F
 ClientSampleId :

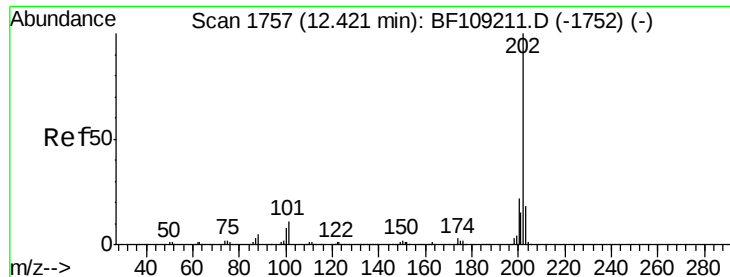
Tot Ion:178 Resp: 275291
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 4.475 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Tgt Ion:167 Resp: 72071
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.4 10.9 16.3

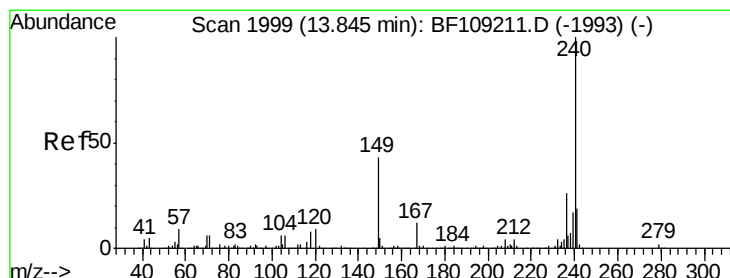
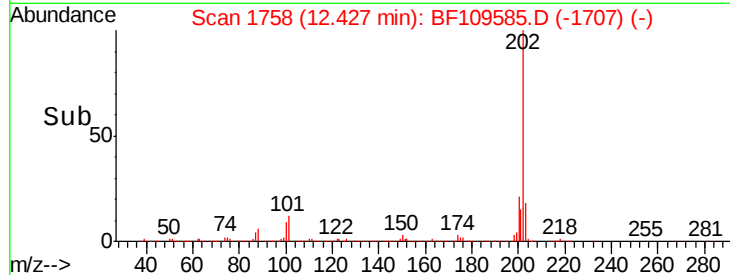
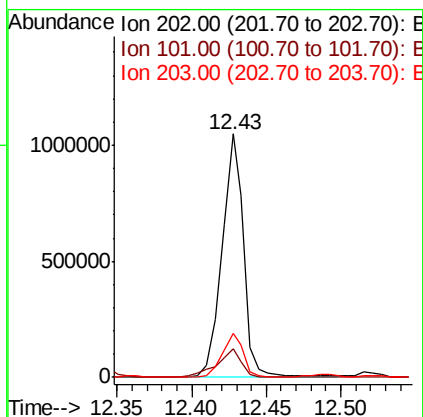
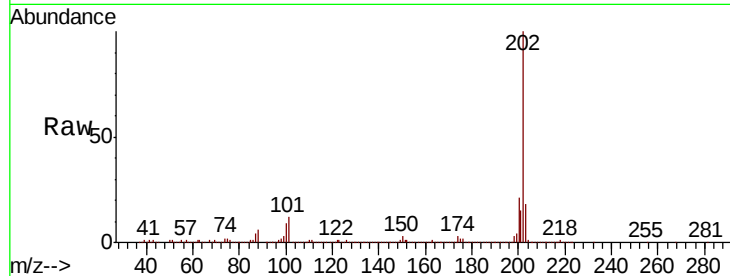




#74
Fluoranthene
Concen: 62.553 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

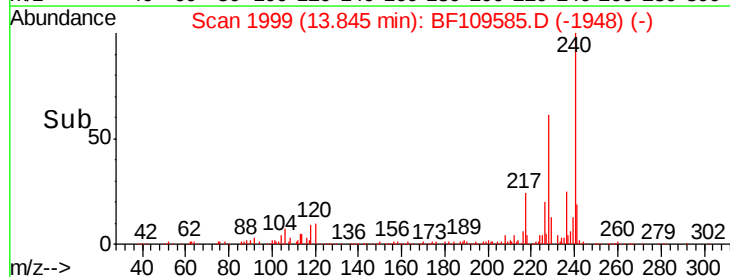
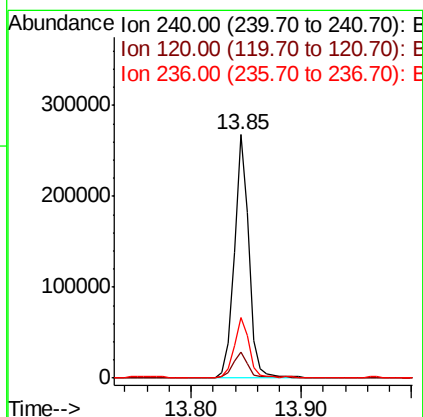
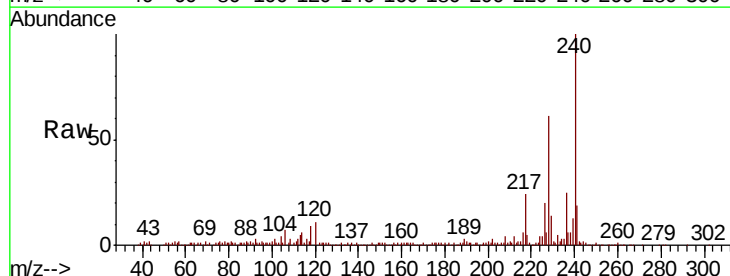
Instrument :
BNA_F
ClientSampled :

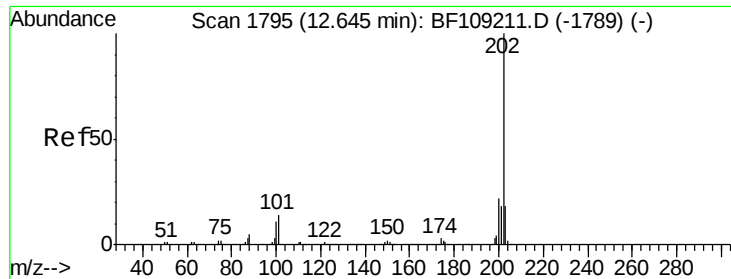
Tot Ion:202 Resp: 1066759
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 18.0 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:240 Resp: 246013
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.1 20.7 31.1

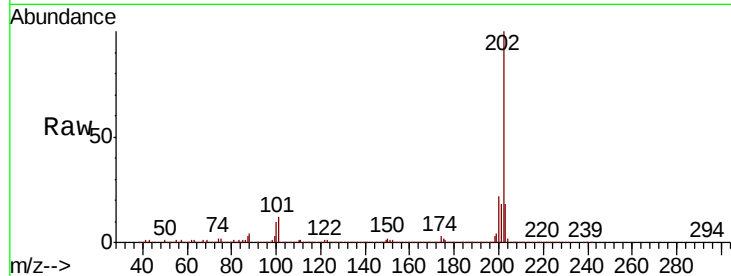




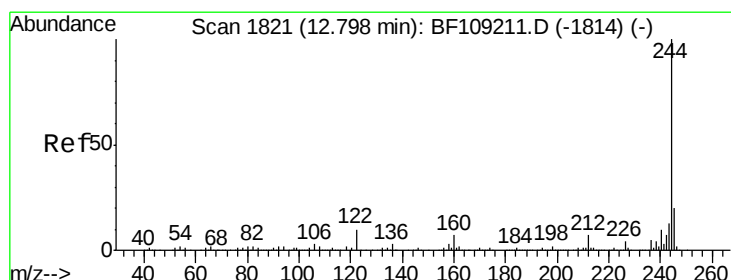
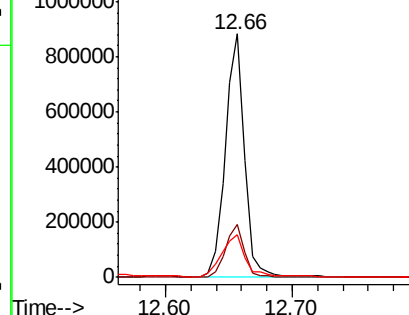
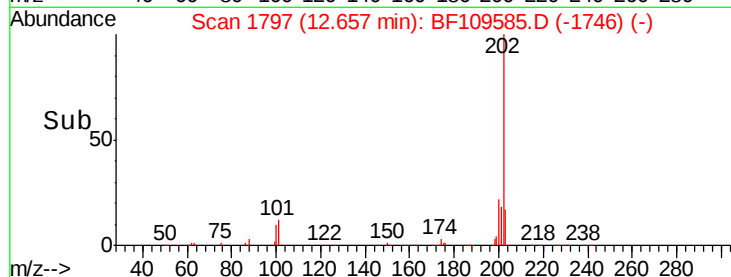
#77
Pvrene
Concen: 52.415 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 924144
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.3 21.5

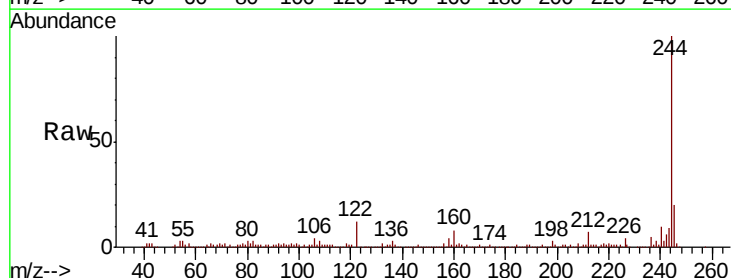


Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 200.00 (199.70 to 200.70): E
1000000
Ion 203.00 (202.70 to 203.70): E

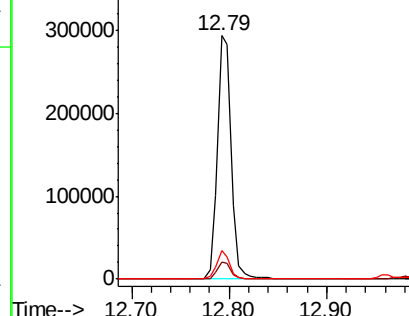
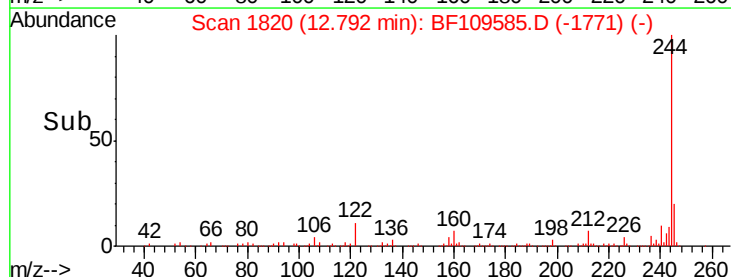


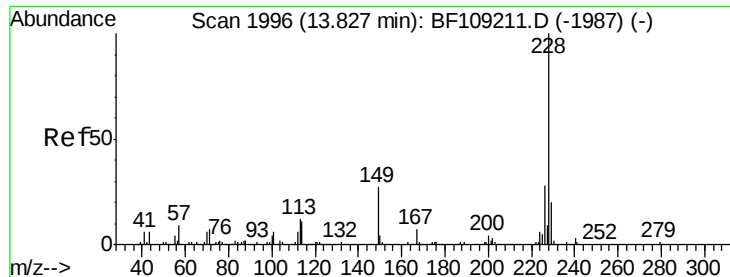
#78
Terphenyl-d14
Concen: 28.736 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109585.D
Acq: 4 Oct 2018 14:37

Tgt Ion:244 Resp: 288063
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
400000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 36.462 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

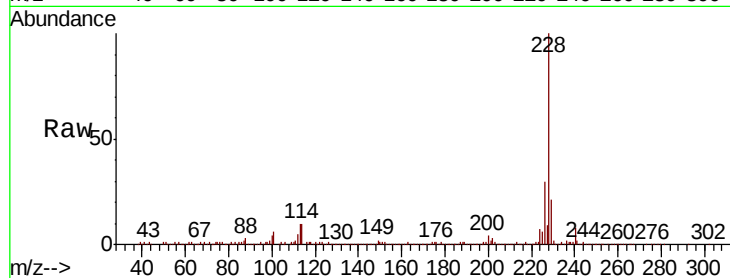
Tot Ion:228 Resp: 540303

Ion Ratio Lower Upper

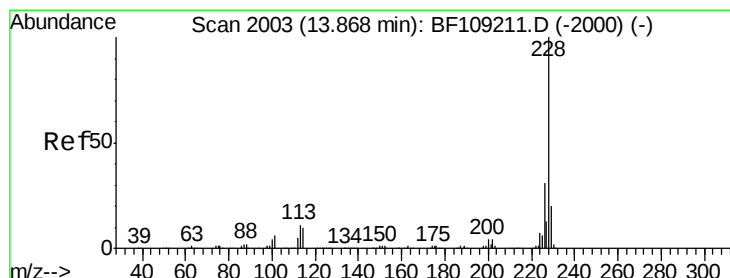
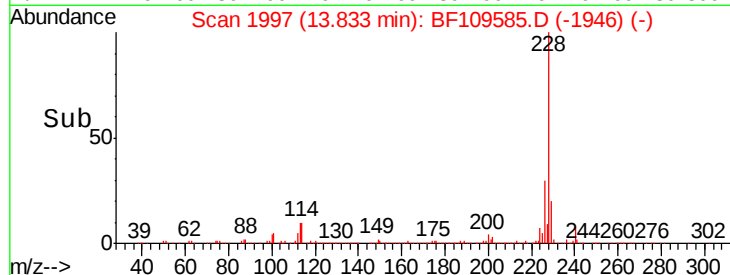
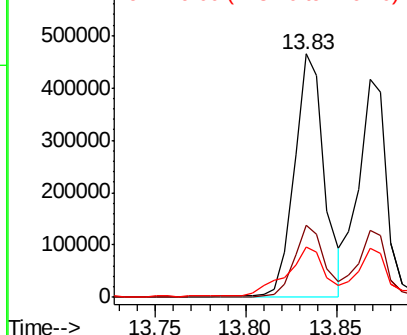
228 100

226 29.7 22.6 33.8

229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 30.898 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

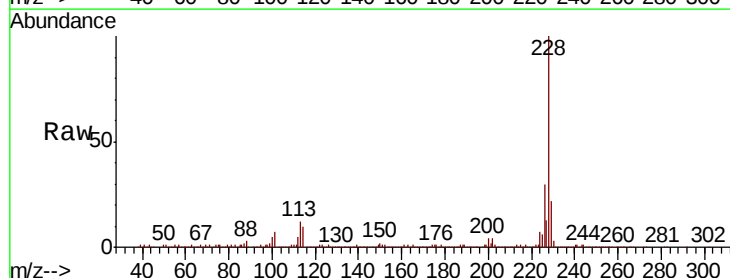
Tgt Ion:228 Resp: 453793

Ion Ratio Lower Upper

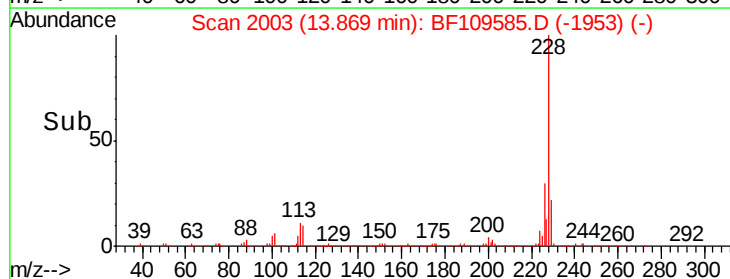
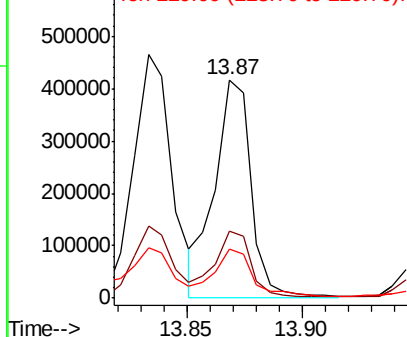
228 100

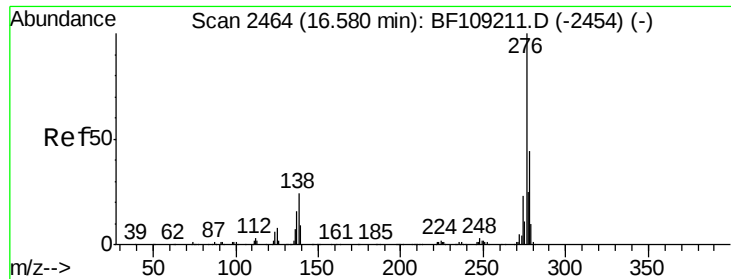
226 30.4 25.0 37.6

229 22.2 16.2 24.4



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

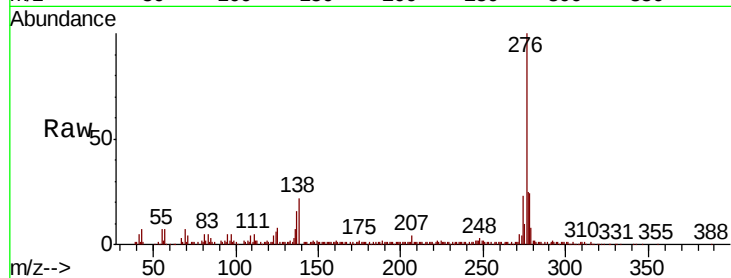




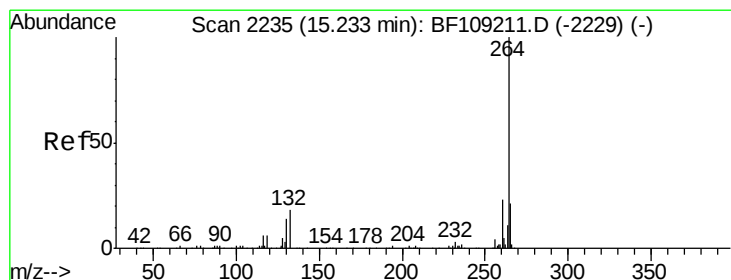
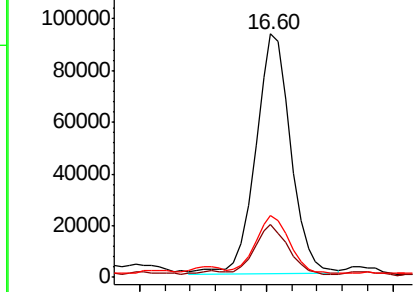
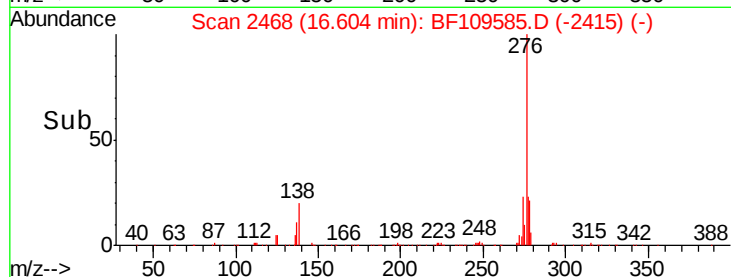
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.029 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 178914
 Ion Ratio Lower Upper
 276 100
 138 19.7 25.0 37.6#
 277 23.1 20.1 30.1

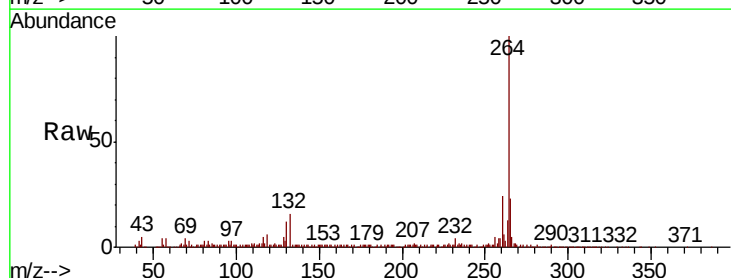


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

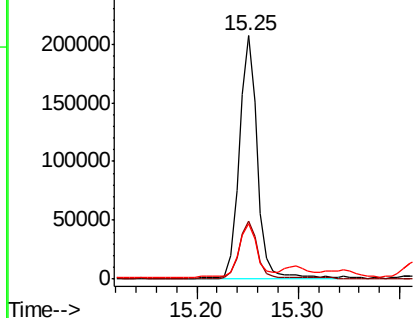
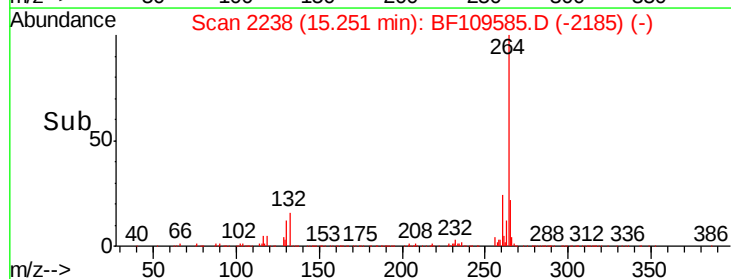


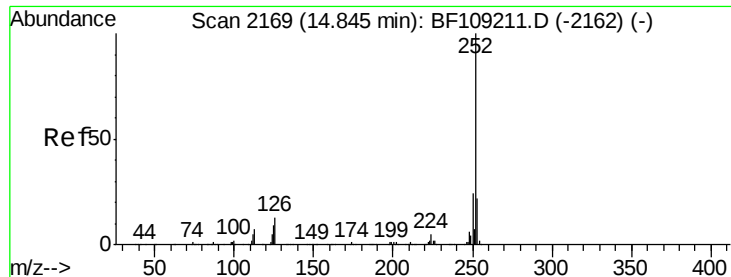
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Tgt Ion:264 Resp: 252971
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 23.0 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 53.697 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BF109585.D

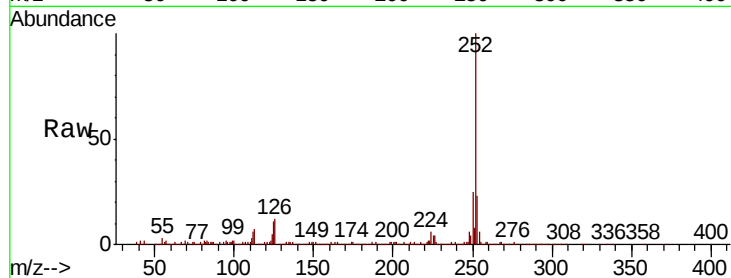
Acq: 4 Oct 2018 14:37

Instrument :

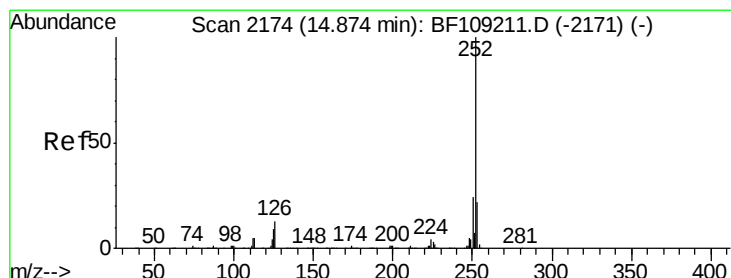
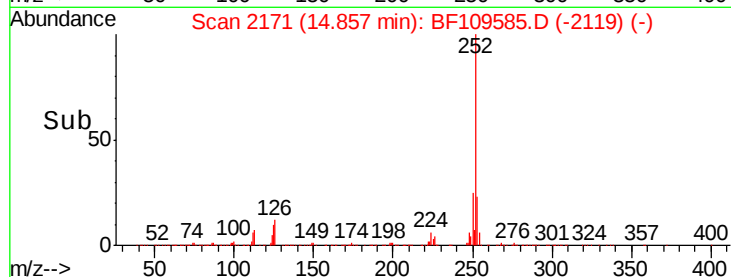
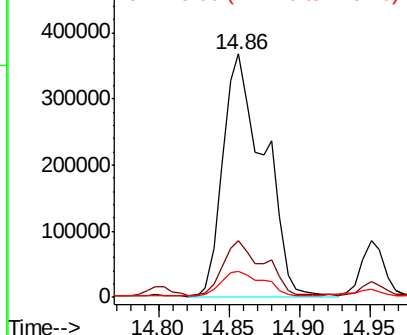
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	746417
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.8	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: 56.587 ng

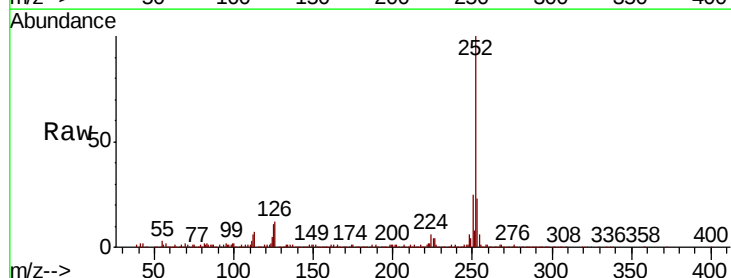
RT: 14.86 min Scan# 2171

Delta R.T. -0.02 min

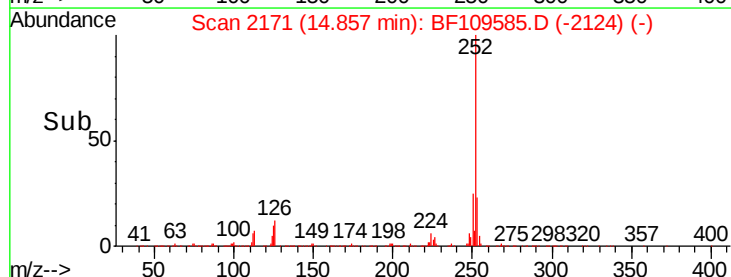
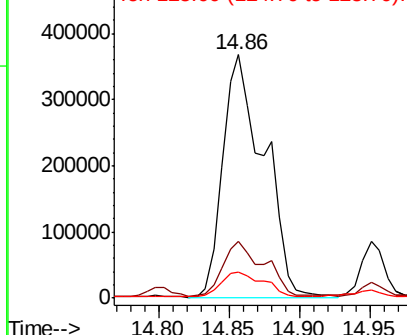
Lab File: BF109585.D

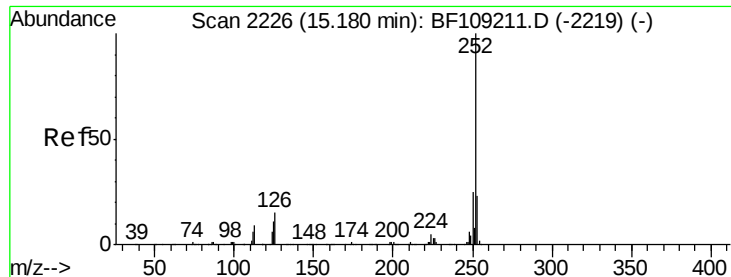
Acq: 4 Oct 2018 14:37

Tgt Ion:	252	Resp:	746417
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.8	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: 30.823 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

Instrument :

BNA_F

ClientSampleId :

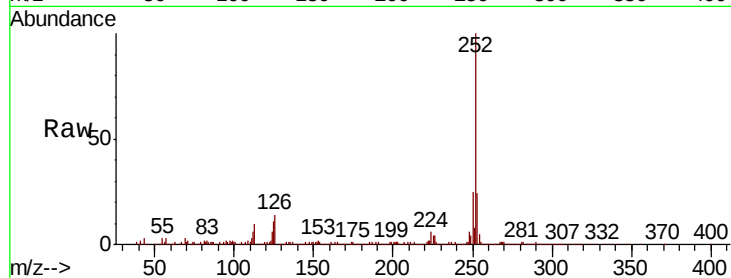
Tot Ion:252 Resp: 386076

Ion Ratio Lower Upper

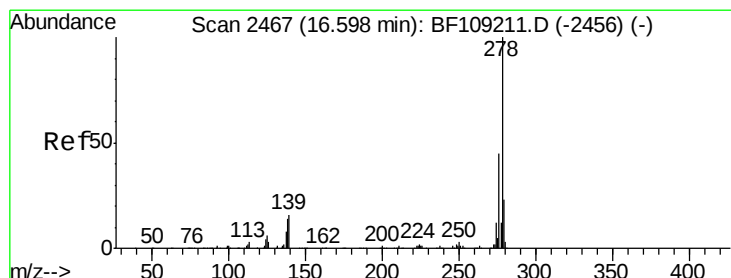
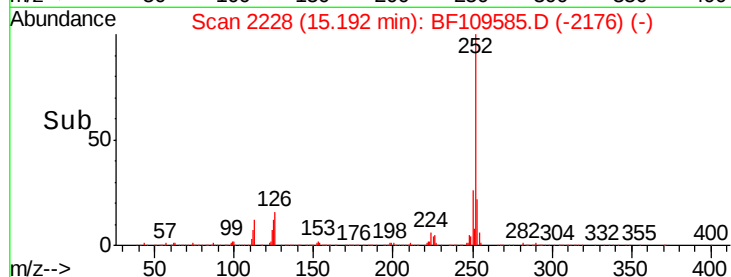
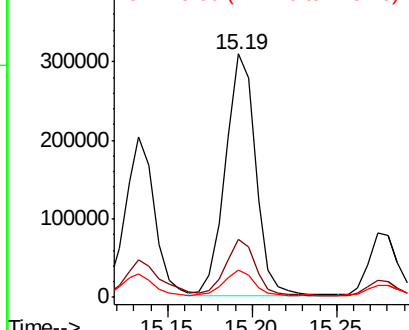
252 100

253 23.8 17.1 25.7

125 11.0 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 4.810 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF109585.D

Acq: 4 Oct 2018 14:37

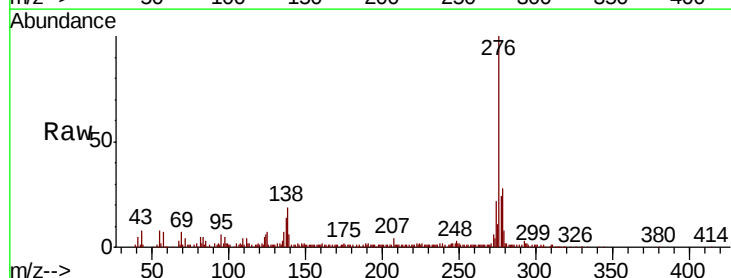
Tgt Ion:278 Resp: 49423

Ion Ratio Lower Upper

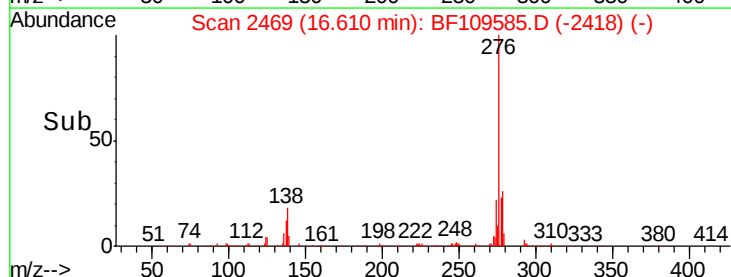
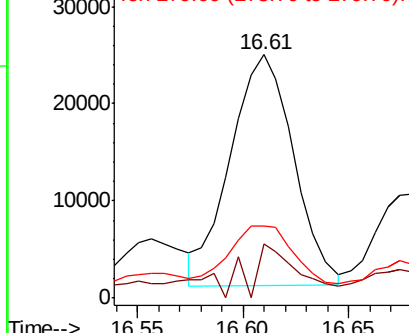
278 100

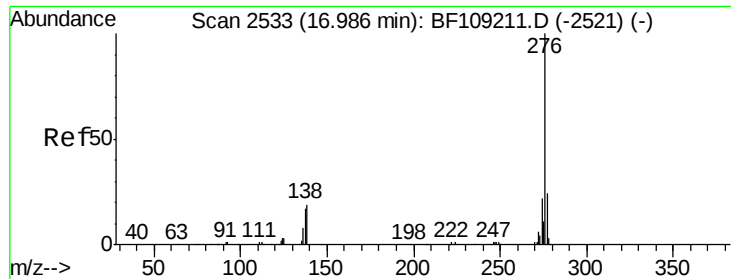
139 22.0 15.9 23.9

279 29.4 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





#91
 Benzo(a,h,i)perylene
 Concen: 15.465 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. 0.02 min
 Lab File: BF109585.D
 Acq: 4 Oct 2018 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.1	21.8	32.8

