

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109584.D
 Acq On : 4 Oct 2018 14:11
 Operator : JU/SJ
 Sample : J5238-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 04 15:24:26 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

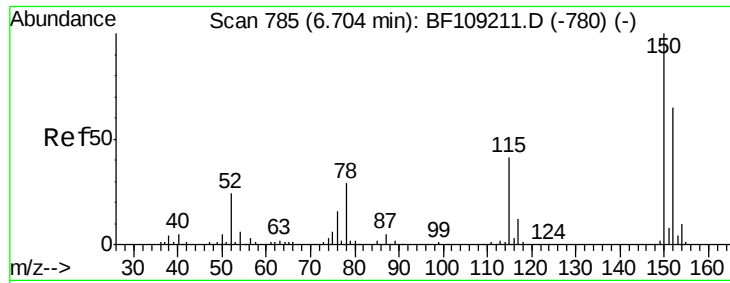
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104024	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	418161	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188755	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	306255	20.00	ng	0.00
75) Chrysene-d12	13.84	240	231321	20.00	ng	0.00
86) Perylene-d12	15.24	264	269782	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	440051	69.68	ng	0.00
7) Phenol-d6	6.35	99	586480	72.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	387892	54.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	106407	57.19	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	607287	48.52	ng	-0.02
78) Terphenyl-d14	12.79	244	334305	35.47	ng	-0.02

Target Compounds				Qvalue		
10) Phenol	6.36	94	27497	3.013	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	51718	9.794	ng	# 77
25) Isophorone	7.26	82	379530	29.753	ng	# 64
49) Dimethylphthalate	9.45	163	73270	5.337	ng	97
50) 2,6-Dinitrotoluene	9.73	165	23978	8.819	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	23978	6.970	ng	# 24
70) Phenanthrene	11.23	178	33040	2.161	ng	98
74) Fluoranthene	12.42	202	66817	4.089	ng	96
77) Pyrene	12.64	202	56230	3.392	ng	98
80) Benzo(a)anthracene	13.83	228	33408	2.398	ng	98
82) Chrysene	13.86	228	32295	2.339	ng	96
83) Bis(2-ethylhexyl)phthalate	13.83	149	22084	2.483	ng	98
87) Benzo(b)fluoranthene	14.84	252	70597	4.762	ng	97
88) Benzo(k)fluoranthene	14.84	252	70597	5.019	ng	99
89) Benzo(a)pyrene	15.18	252	35129	2.630	ng	95

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

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Sample    : J5238-01
Misc      :
ALS Vial  : 4      Sample Multiplier: 1
```

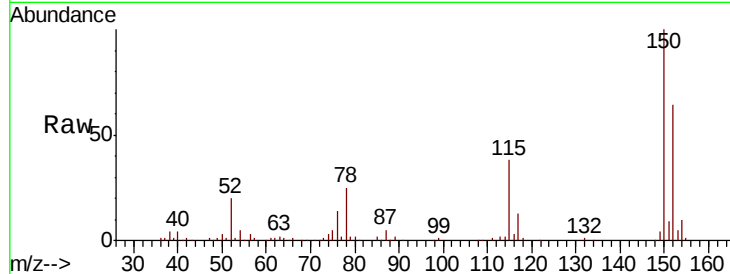


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	59.8	50.1	75.1

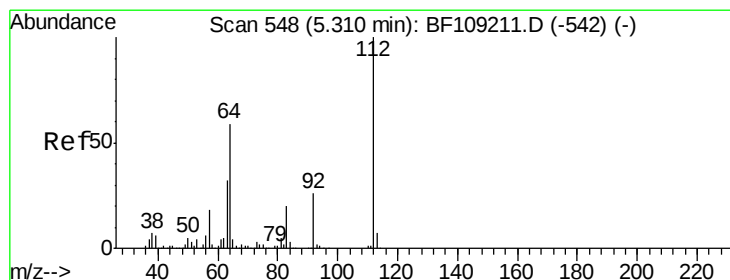
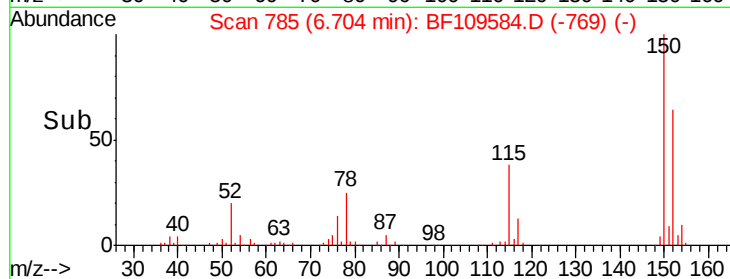
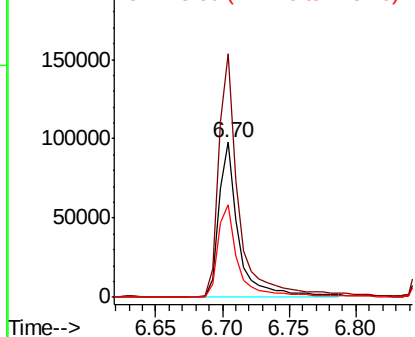


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

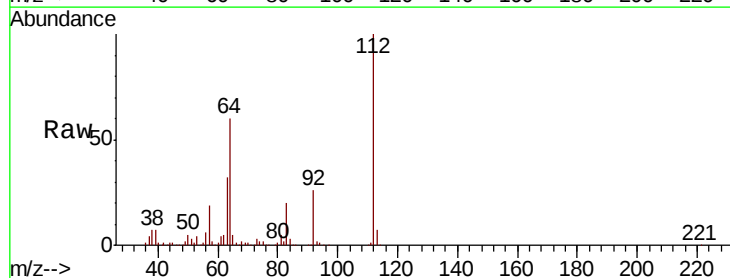
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.676 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	32.4	23.7	35.5

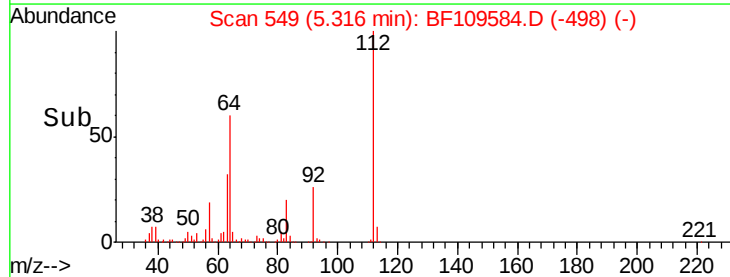
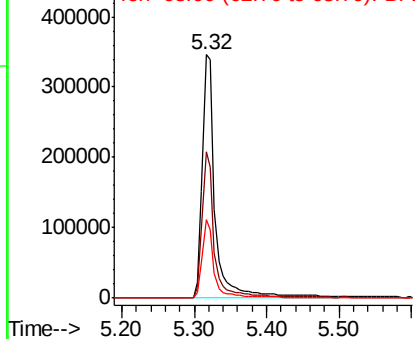


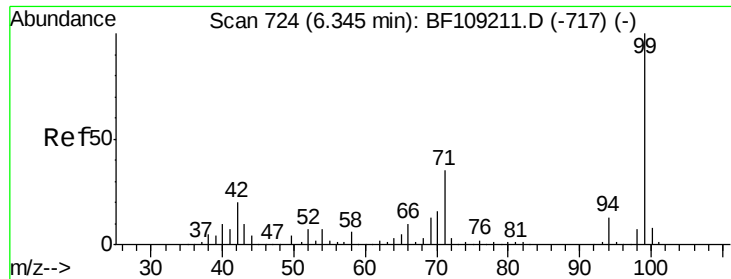
Abundance

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: 72.773 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

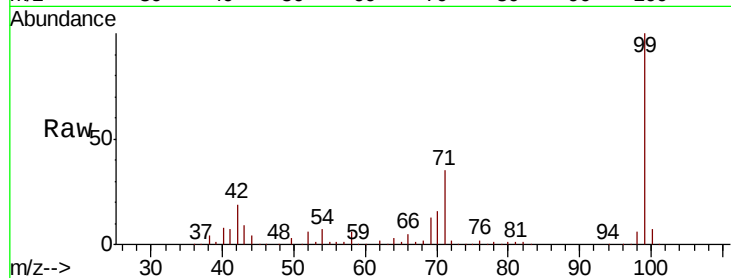
Tot Ion: 99 Resp: 586480

Ion Ratio Lower Upper

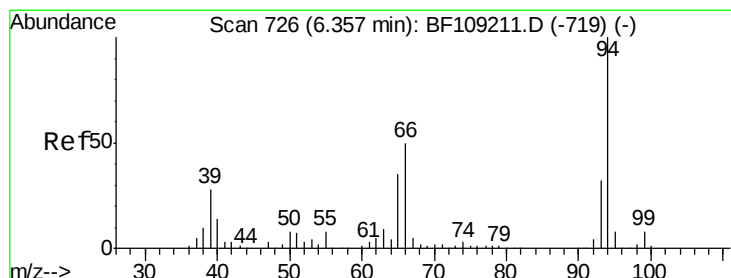
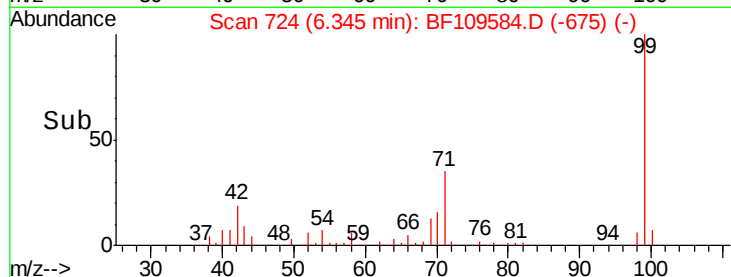
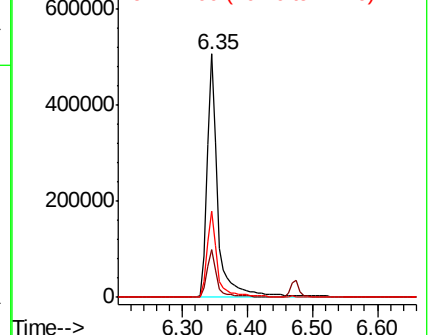
99 100

42 19.4 14.5 21.7

71 35.2 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: 3.013 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

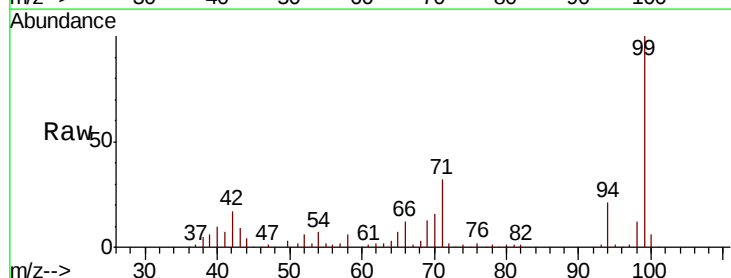
Tgt Ion: 94 Resp: 27497

Ion Ratio Lower Upper

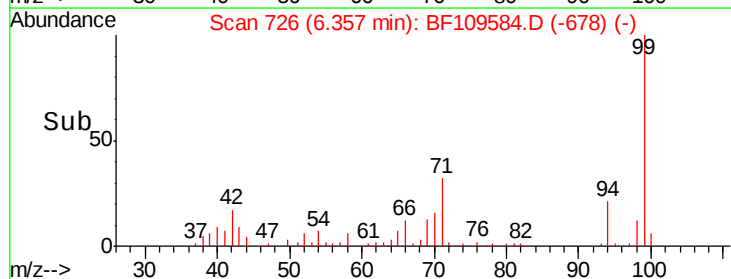
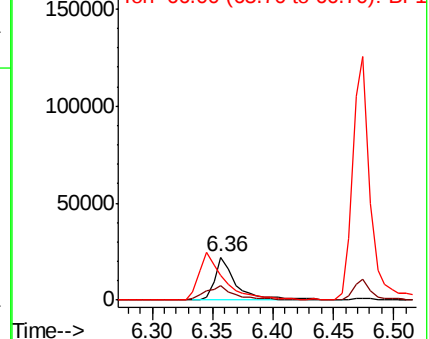
94 100

65 32.7 7.9 47.9

66 58.1 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

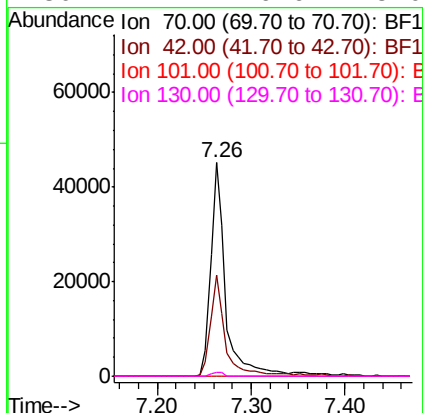
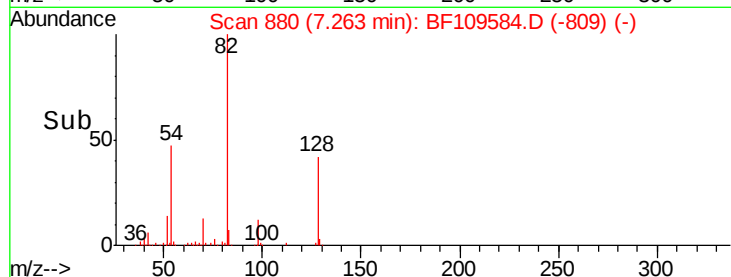
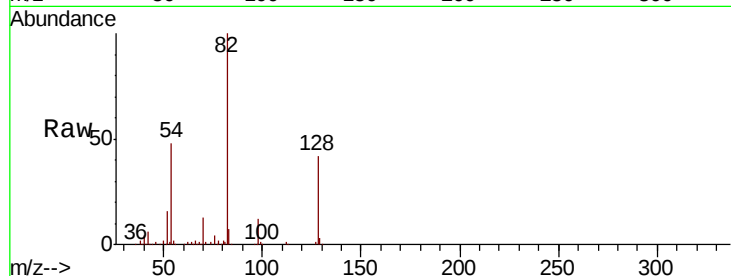




#19
n-Nitroso-di-n-propylamine
Concen: 9.794 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

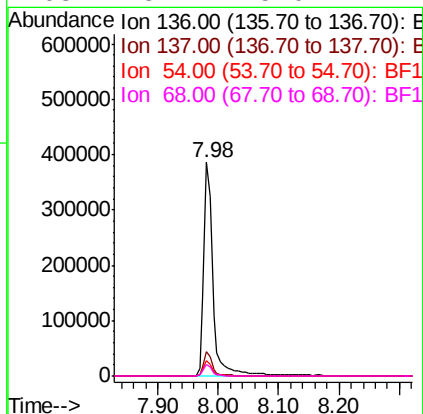
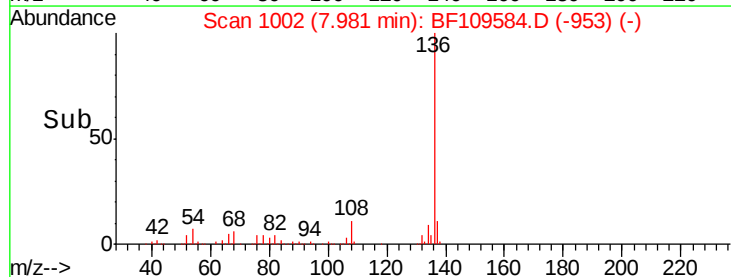
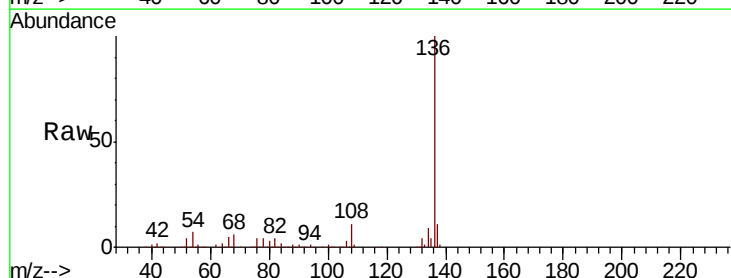
Instrument :
BNA_F
ClientSampleId :
DFTPP

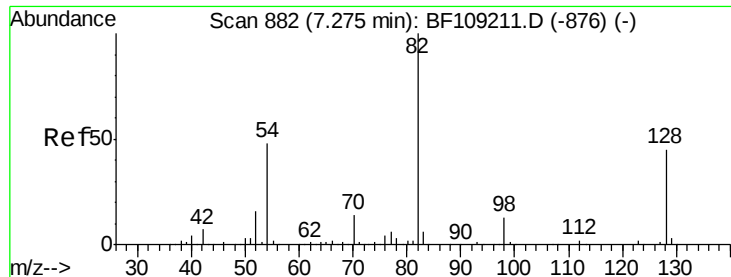
Tot Ion: 70 Resp: 51718
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion: 136 Resp: 418161
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.1 6.6 9.8
68 5.7 5.0 7.4

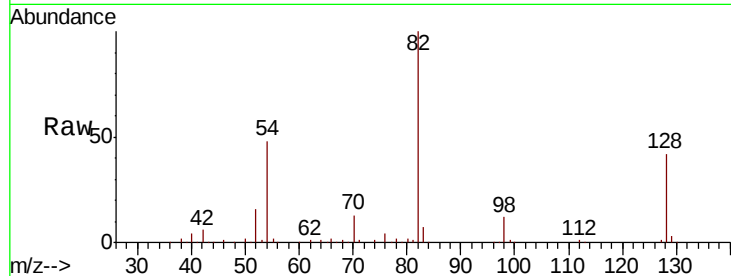




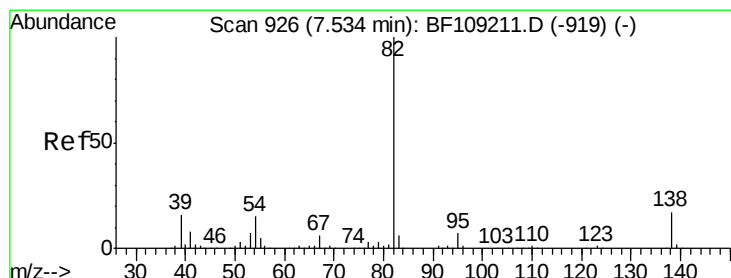
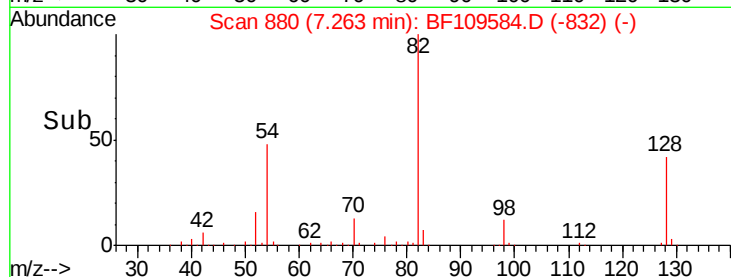
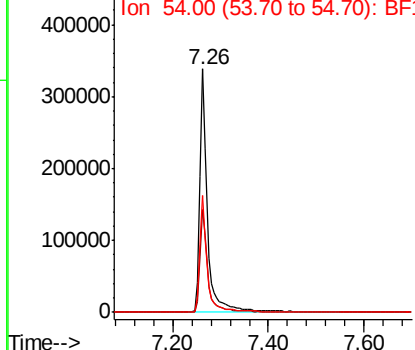
#23
Nitrobenzene-d5
Concen: 54.758 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion: 82 Resp: 387892
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 47.8 41.4 62.2

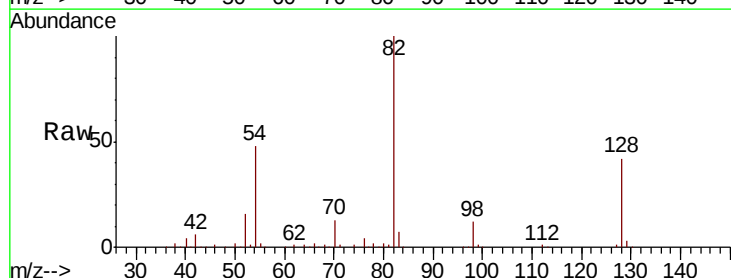


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

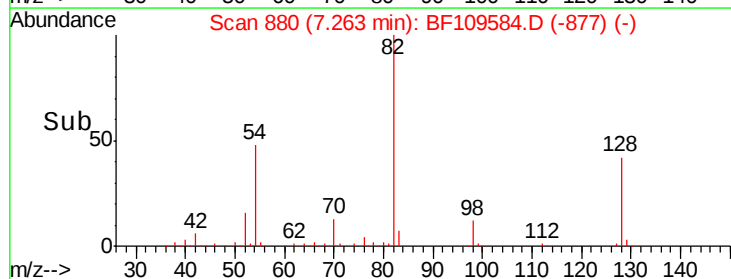
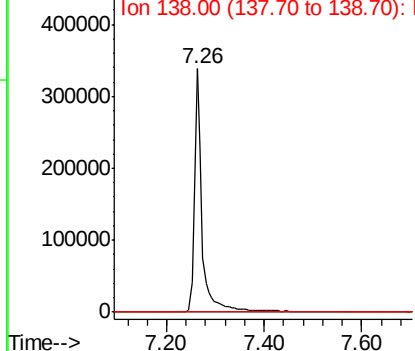


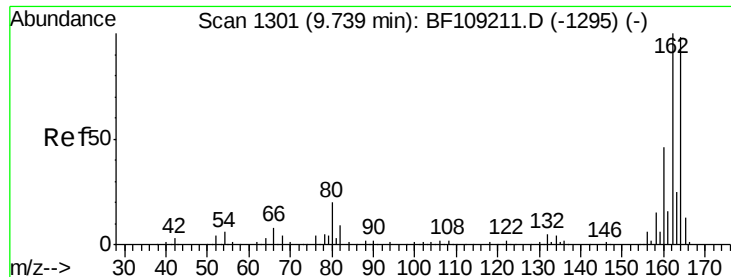
#25
Isophorone
Concen: 29.753 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion: 82 Resp: 379530
Ion Ratio Lower Upper
82 100
95 0.0 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

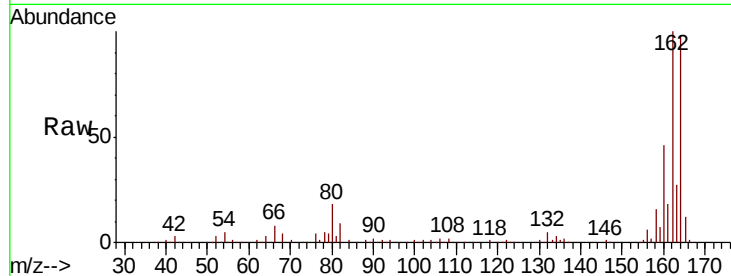
Tot Ion:164 Resp: 188755

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

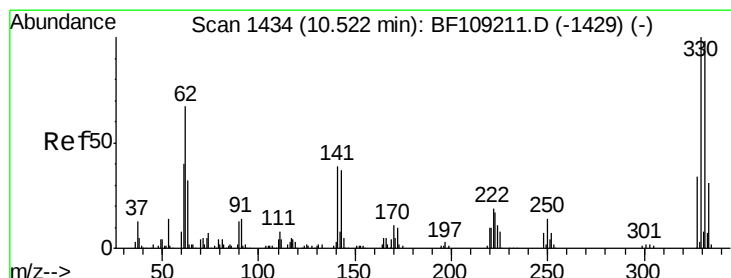
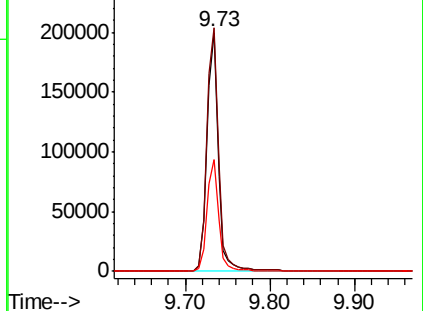
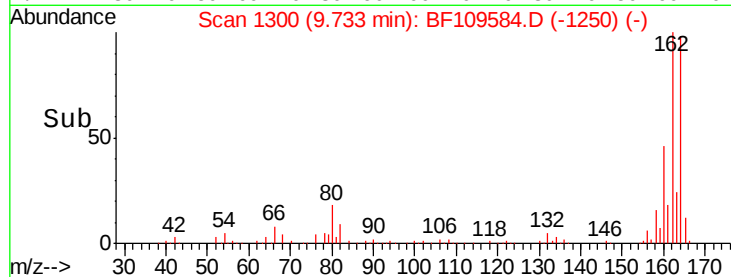
160 46.9 38.3 57.5



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: 57.186 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

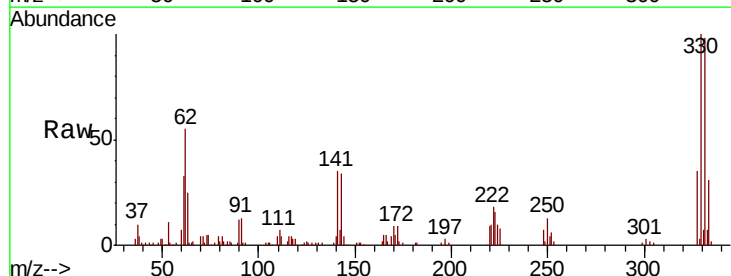
Tgt Ion:330 Resp: 106407

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

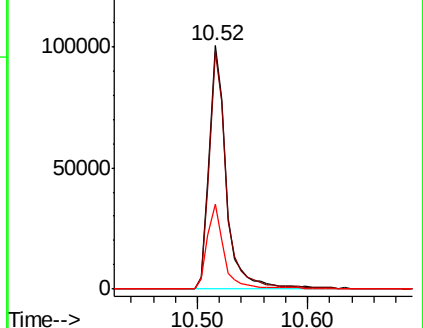
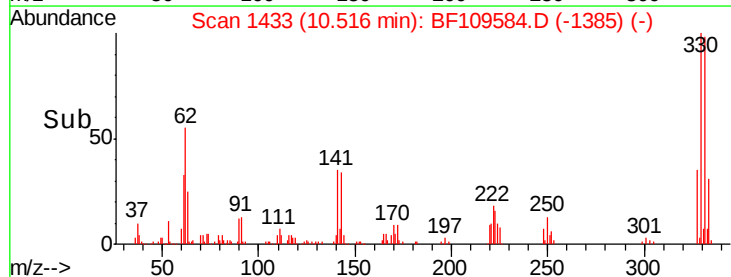
141 34.2 29.9 44.9



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

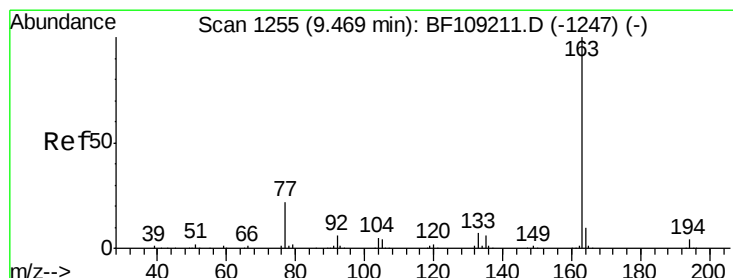
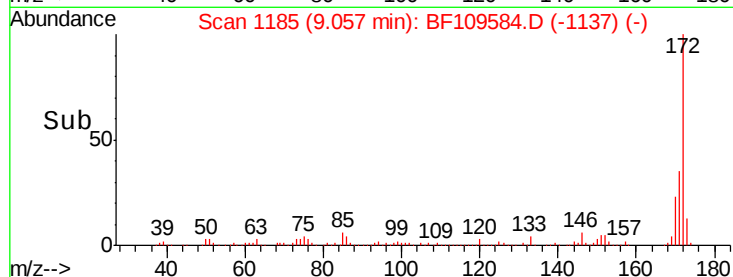
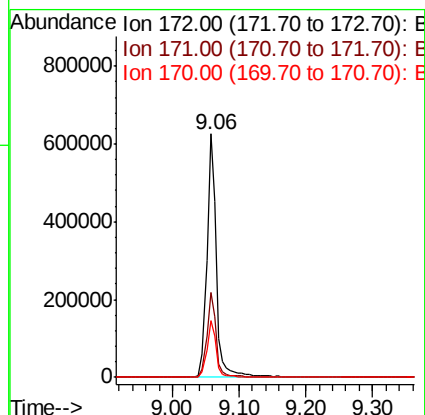
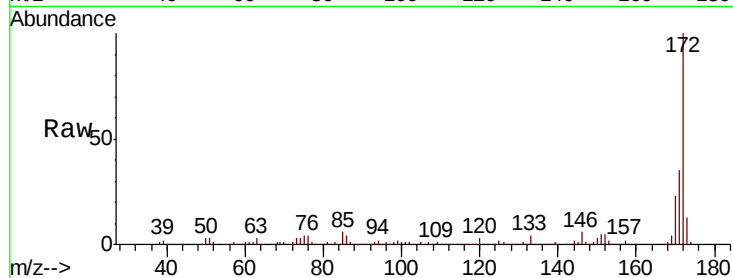




#44
2-Fluorobiphenyl
Concen: 48.524 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

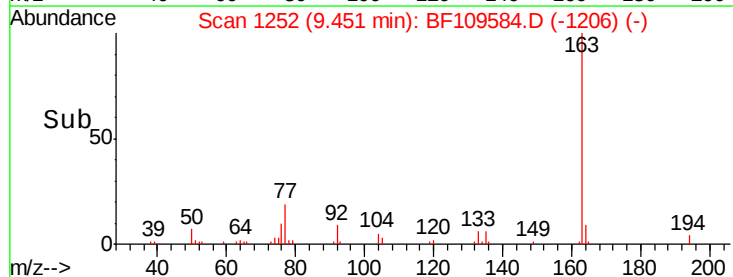
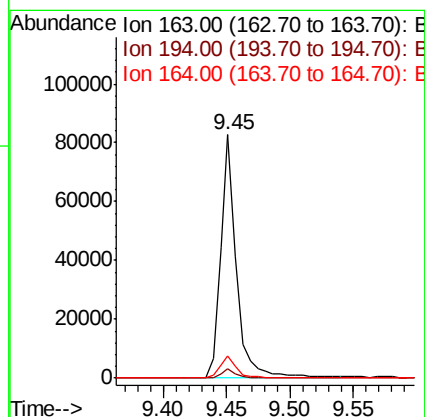
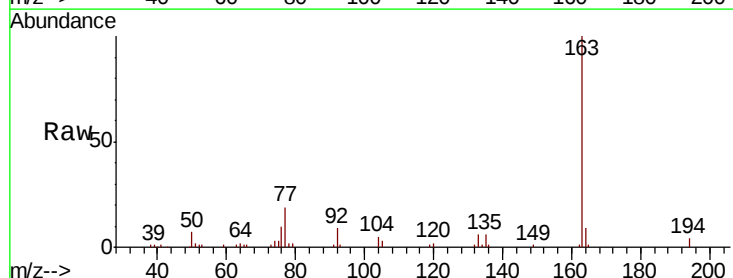
Instrument :
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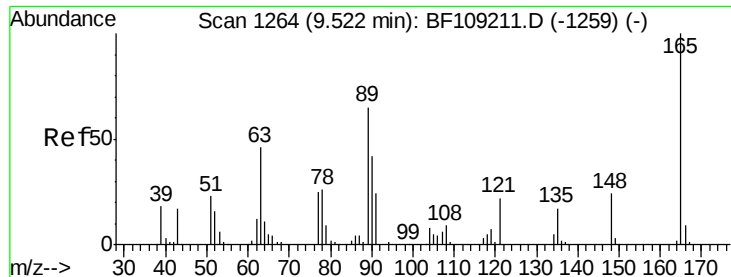
Tot Ion:172 Resp: 607287
Ion Ratio Lower Upper
172 100
171 34.7 29.7 44.5
170 23.1 19.6 29.4



#49
Dimethylphthalate
Concen: 5.337 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion:163 Resp: 73270
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.0 8.2 12.2

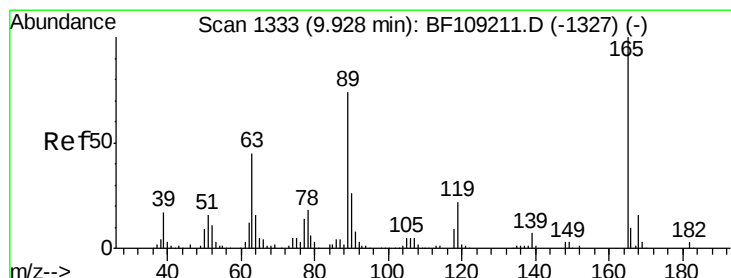
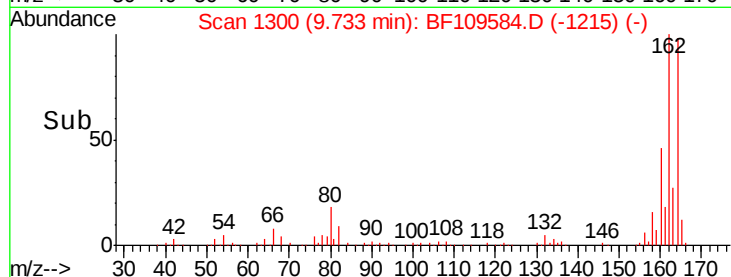
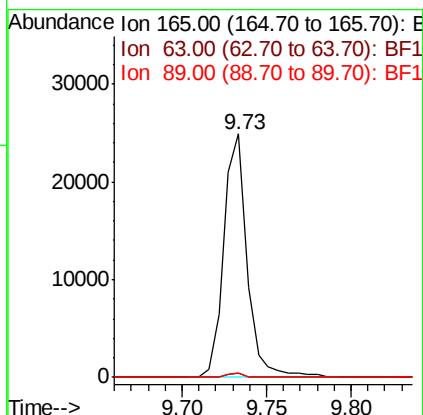
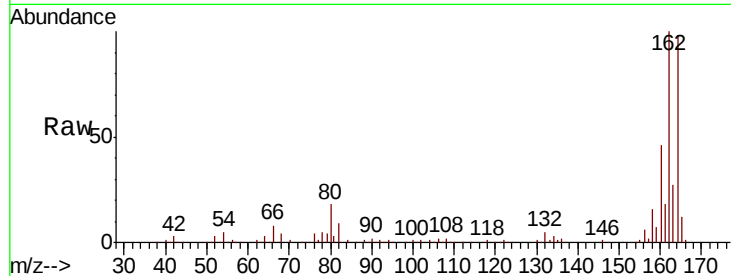




#50
 2,6-Dinitrotoluene
 Concen: 8.819 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

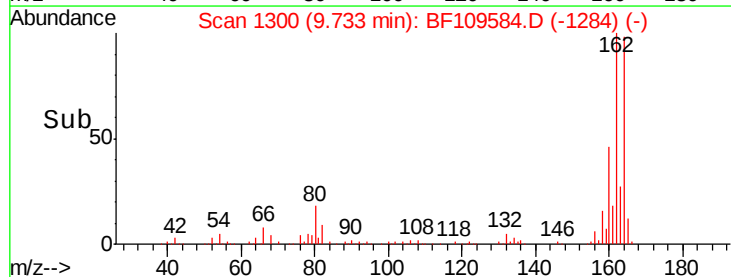
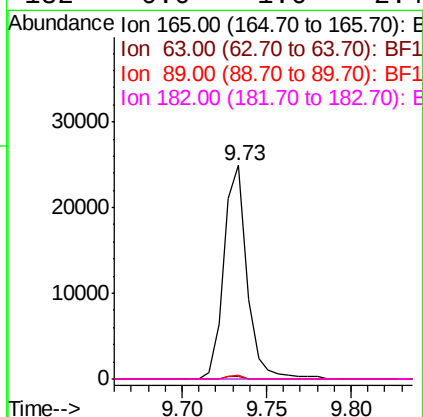
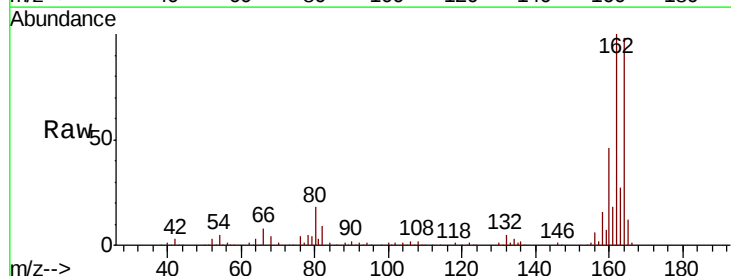
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

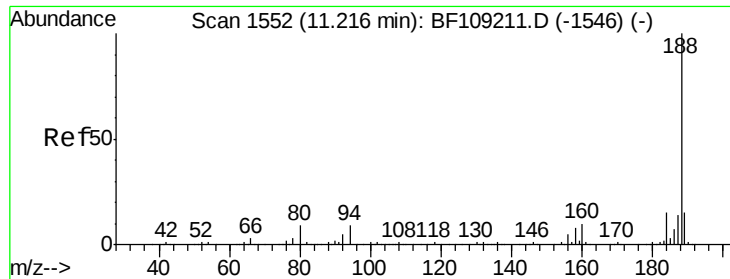
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.970 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

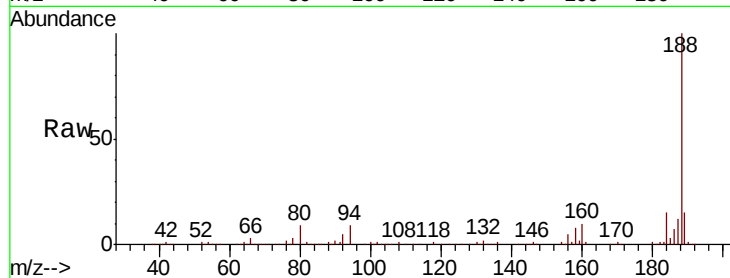




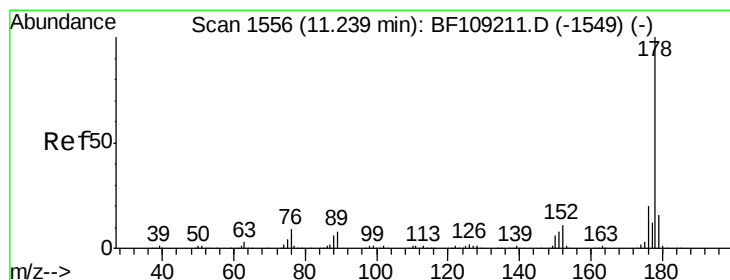
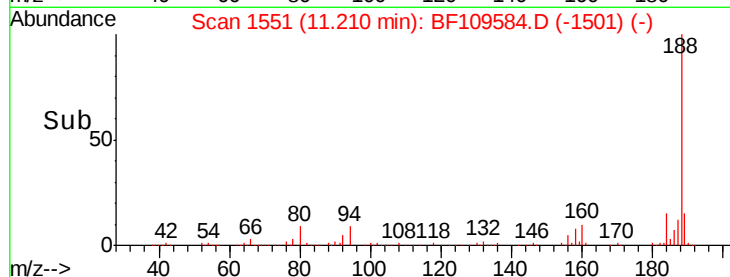
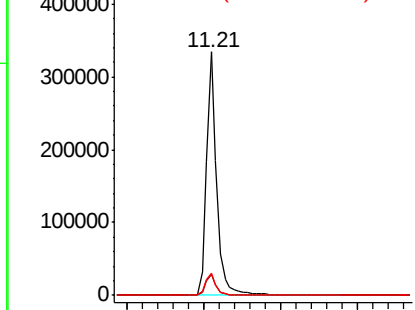
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:188 Resp: 306255
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.9 9.2 13.8#

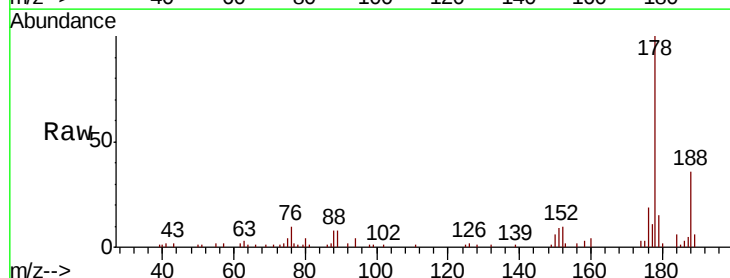


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

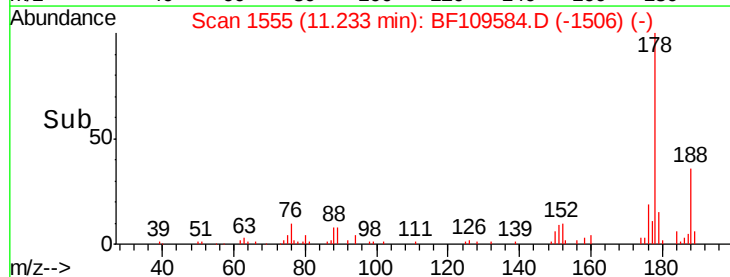
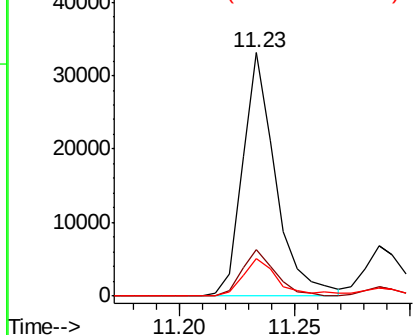


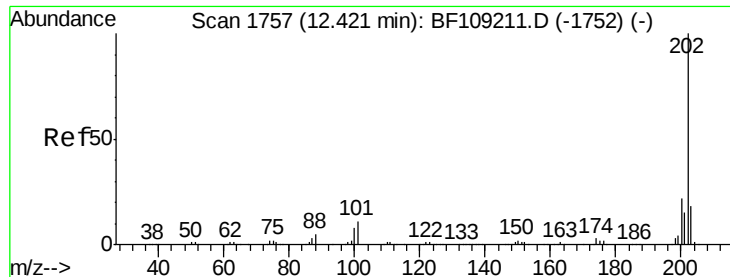
#70
Phenanthrene
Concen: 2.161 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion:178 Resp: 33040
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.3 13.0 19.6



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

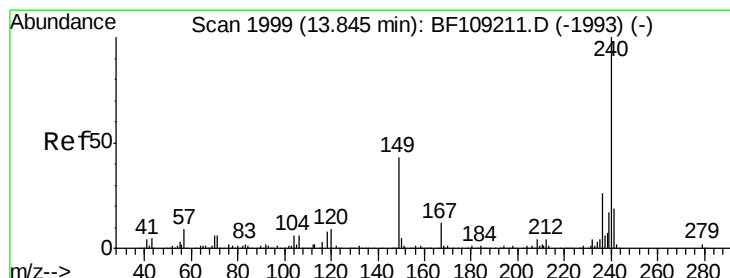
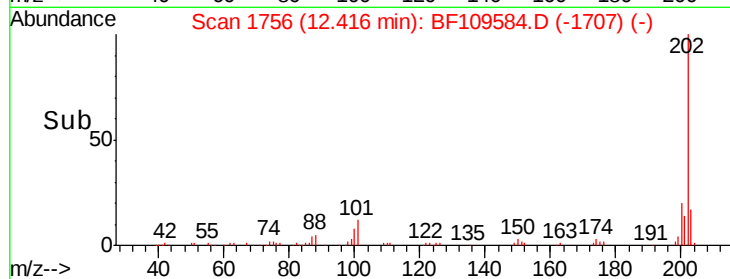
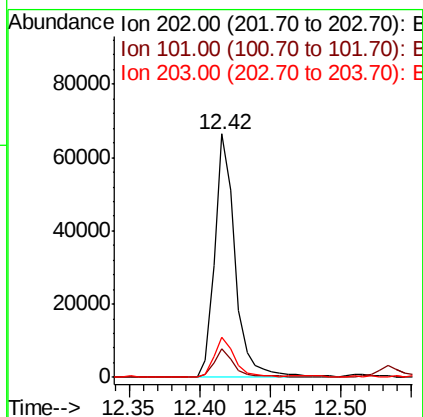
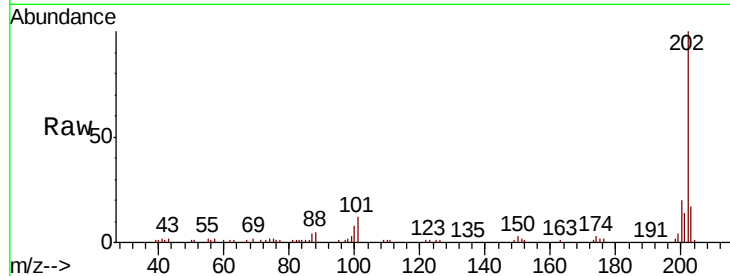




#74
 Fluoranthene
 Concen: 4.089 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

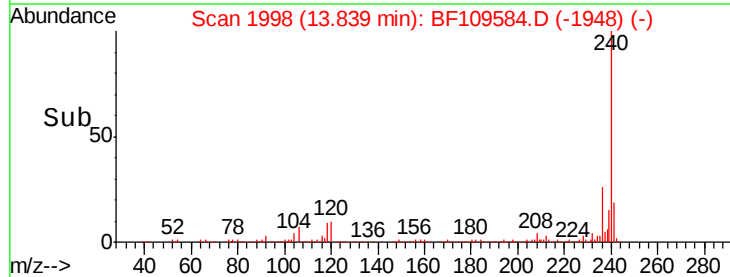
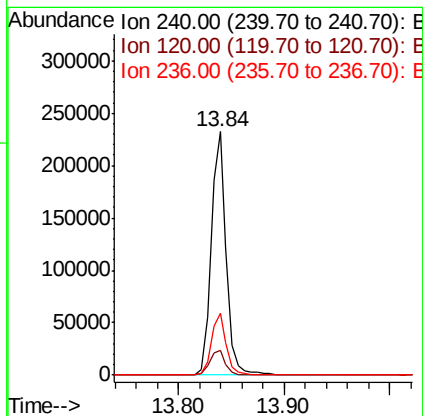
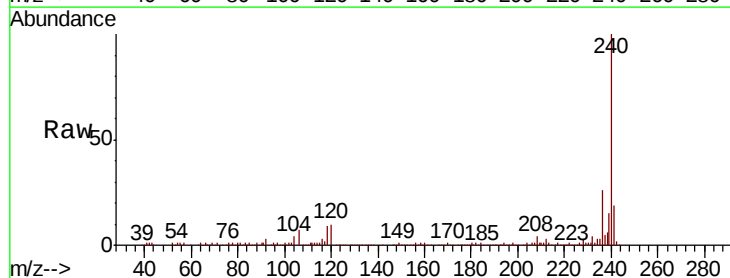
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

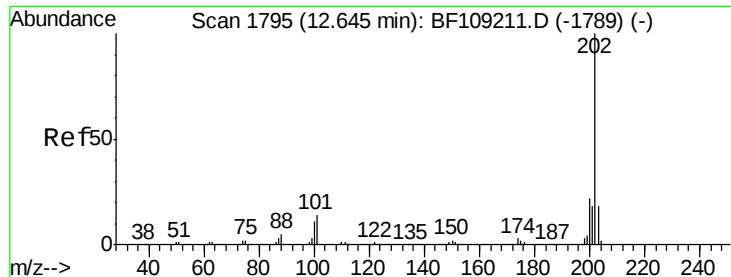
Tot Ion:202 Resp: 66817
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 34.1
 203 16.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109584.D
 Acq: 4 Oct 2018 14:11

Tgt Ion:240 Resp: 231321
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.6 20.7 31.1

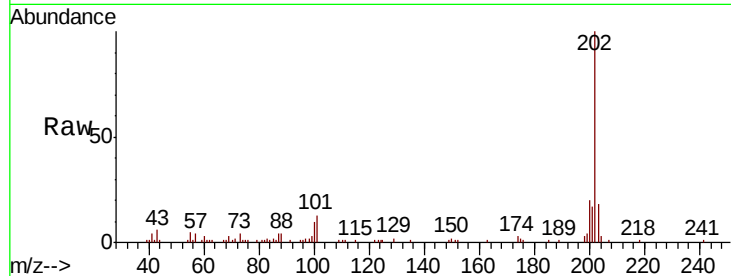




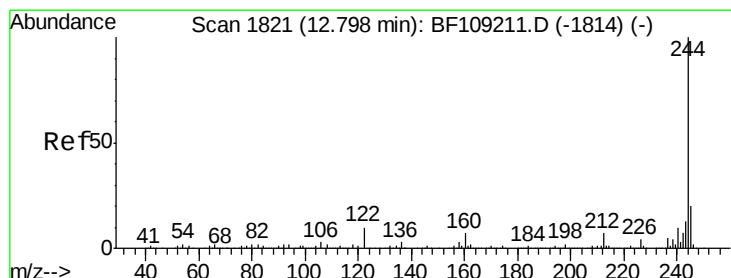
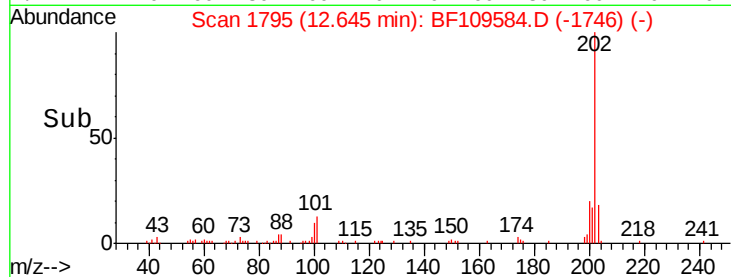
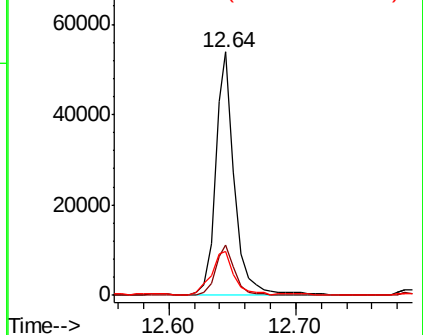
#77
Pvrene
Concen: 3.392 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:202 Resp: 56230
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 18.1 14.3 21.5

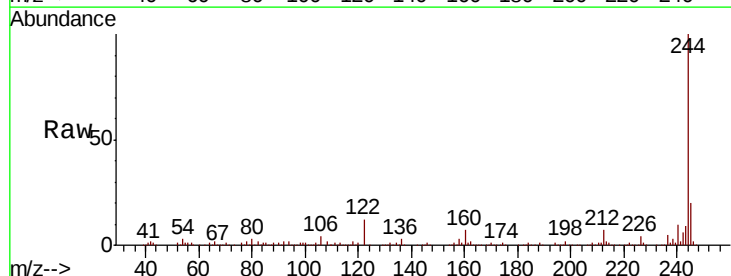


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

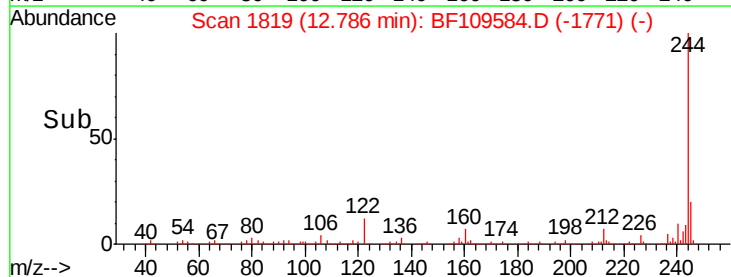
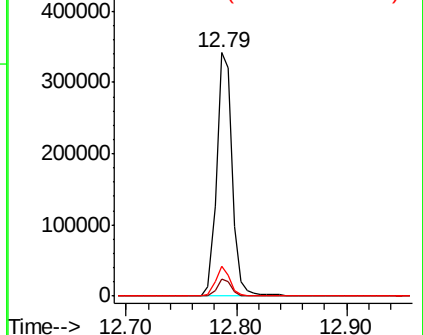


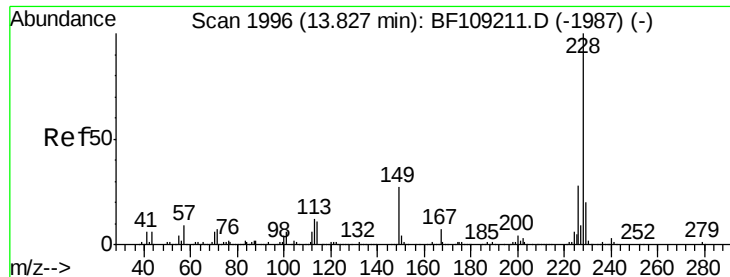
#78
Terphenyl-d14
Concen: 35.468 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion:244 Resp: 334305
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.1 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: 2.398 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

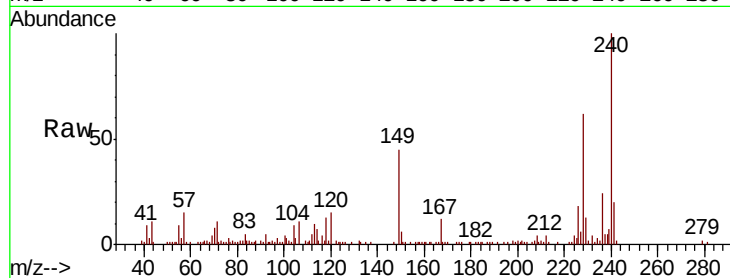
Tot Ion:228 Resp: 33408

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

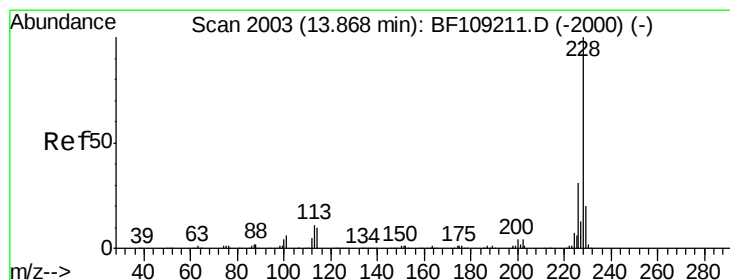
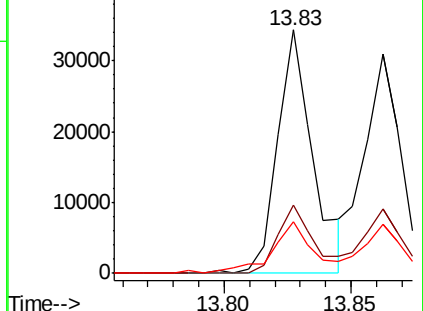
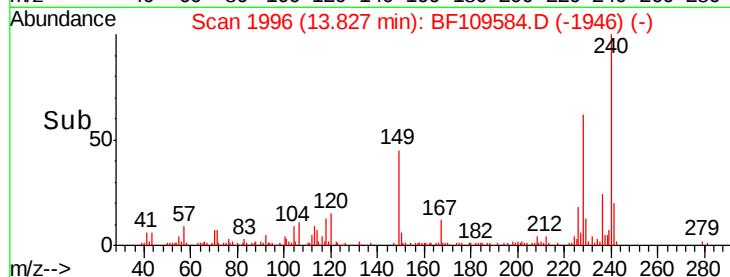
229 21.3 15.8 23.6



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: 2.339 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

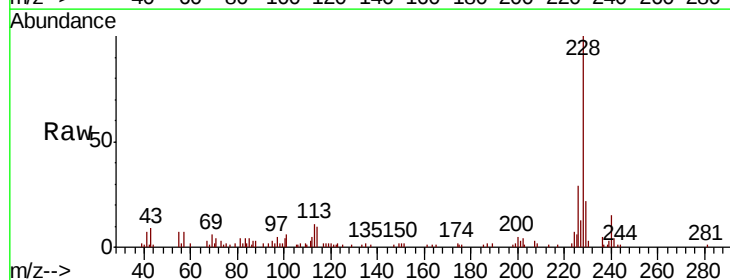
Tgt Ion:228 Resp: 32295

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

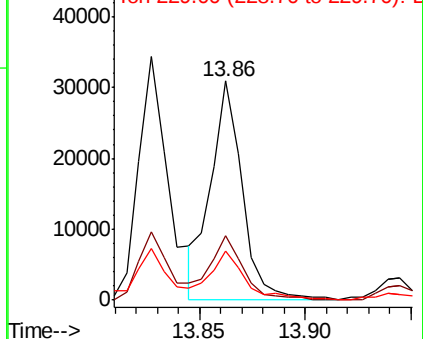
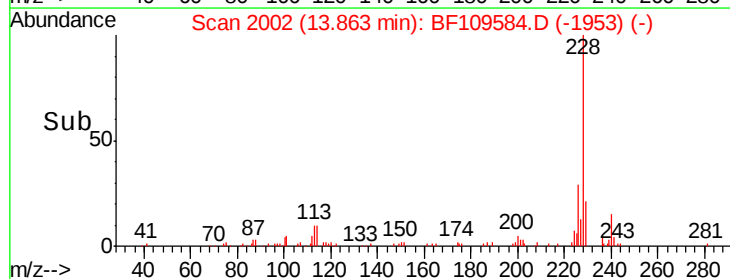
229 22.4 16.2 24.4

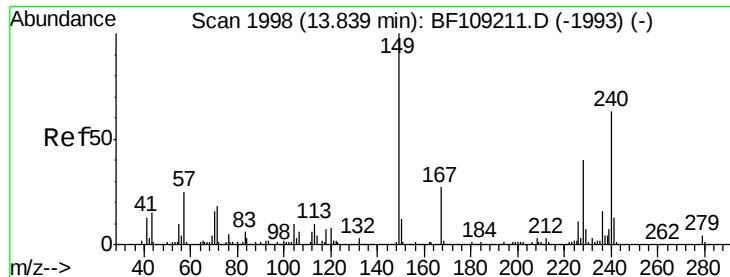


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

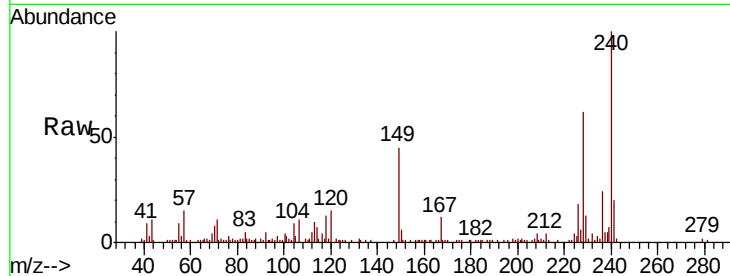




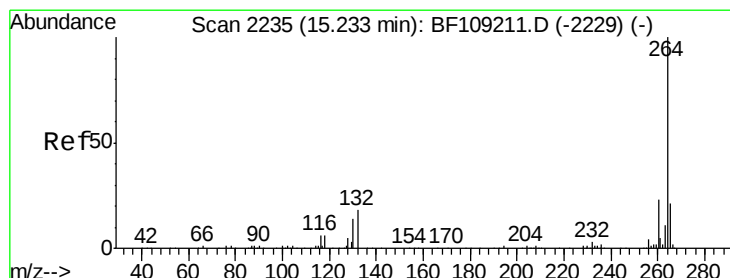
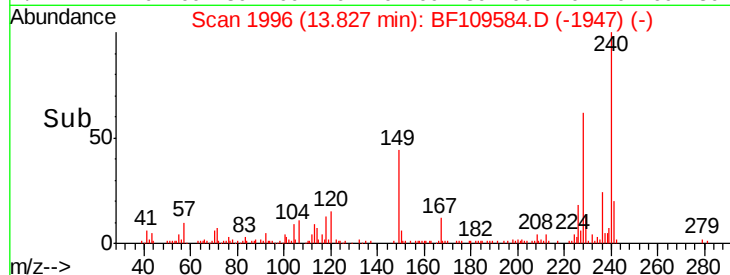
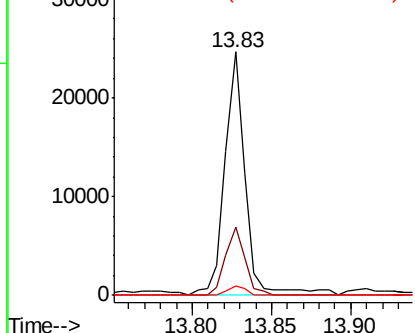
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.483 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:149 Resp: 22084
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.1 3.0 4.4

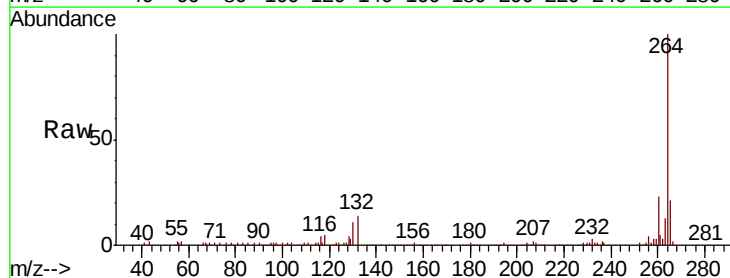


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

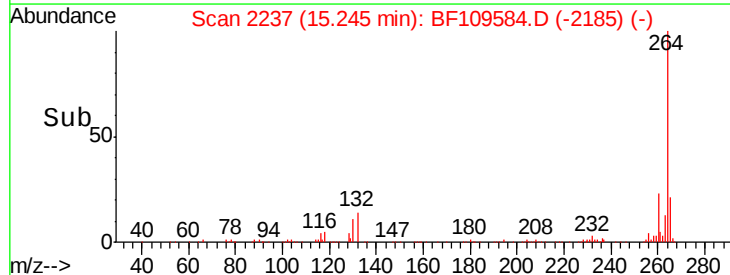
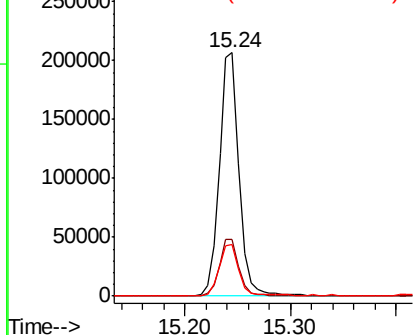


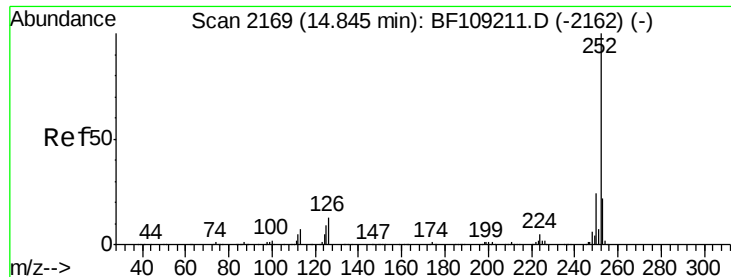
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109584.D
Acq: 4 Oct 2018 14:11

Tgt Ion:264 Resp: 269782
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.2 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: 4.762 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

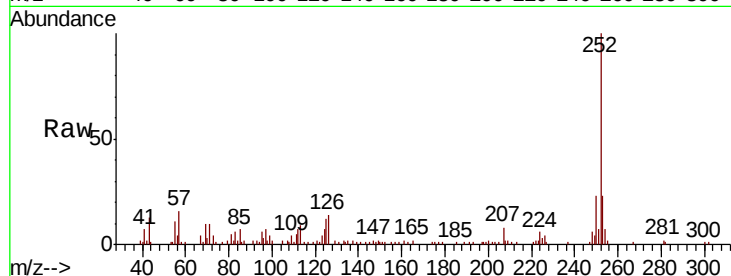
Tot Ion:252 Resp: 70597

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 12.2 9.0 13.6

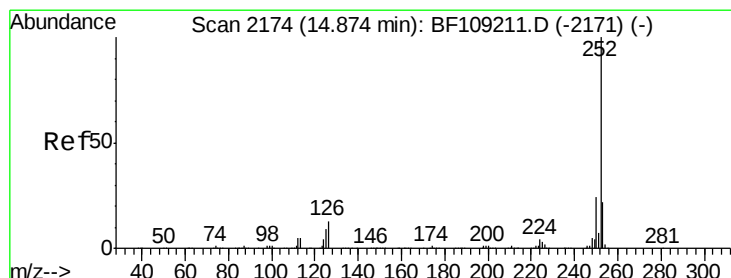
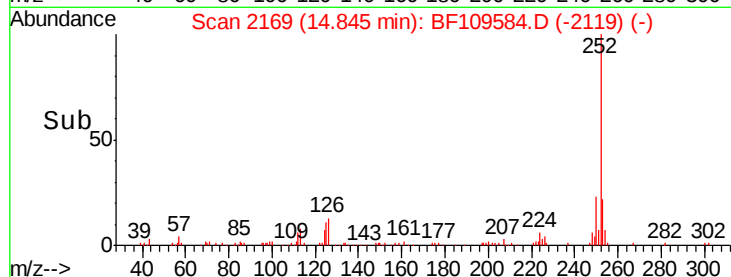
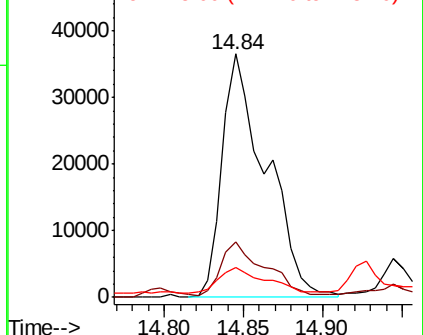


Abundance

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: 5.019 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

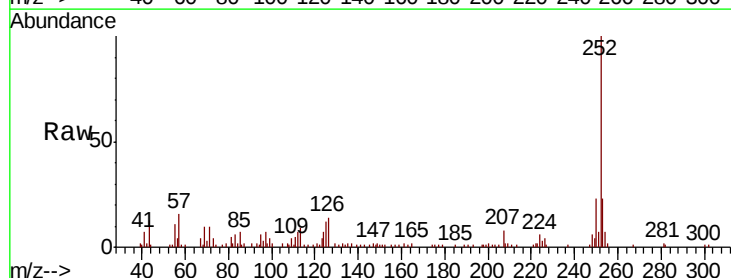
Tgt Ion:252 Resp: 70597

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 12.2 10.2 15.2

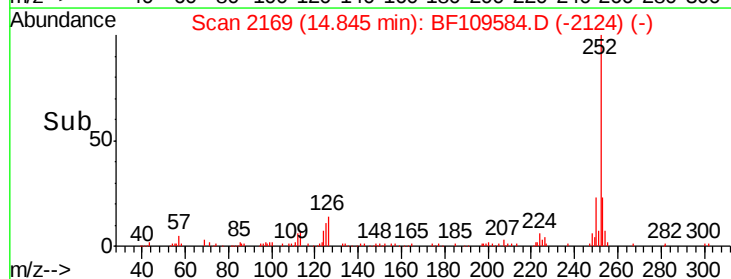
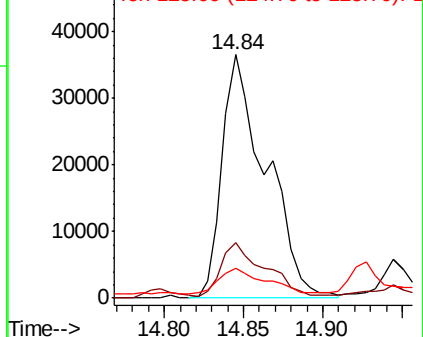


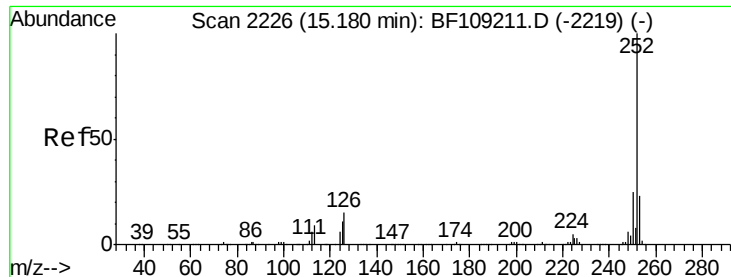
Abundance

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: 2.630 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109584.D

Acq: 4 Oct 2018 14:11

Instrument :

BNA_F

ClientSampleId :

DFTPP

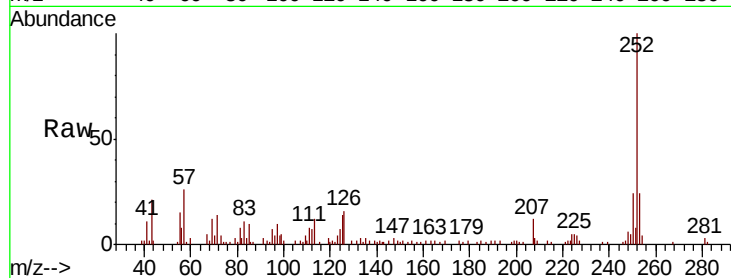
Tot Ion:252 Resp: 35129

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

125 13.9 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

