

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109393.D
 Acq On : 27 Sep 2018 17:57
 Operator : JU/SJ
 Sample : J5066-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H3

Quant Time: Sep 28 05:14:06 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

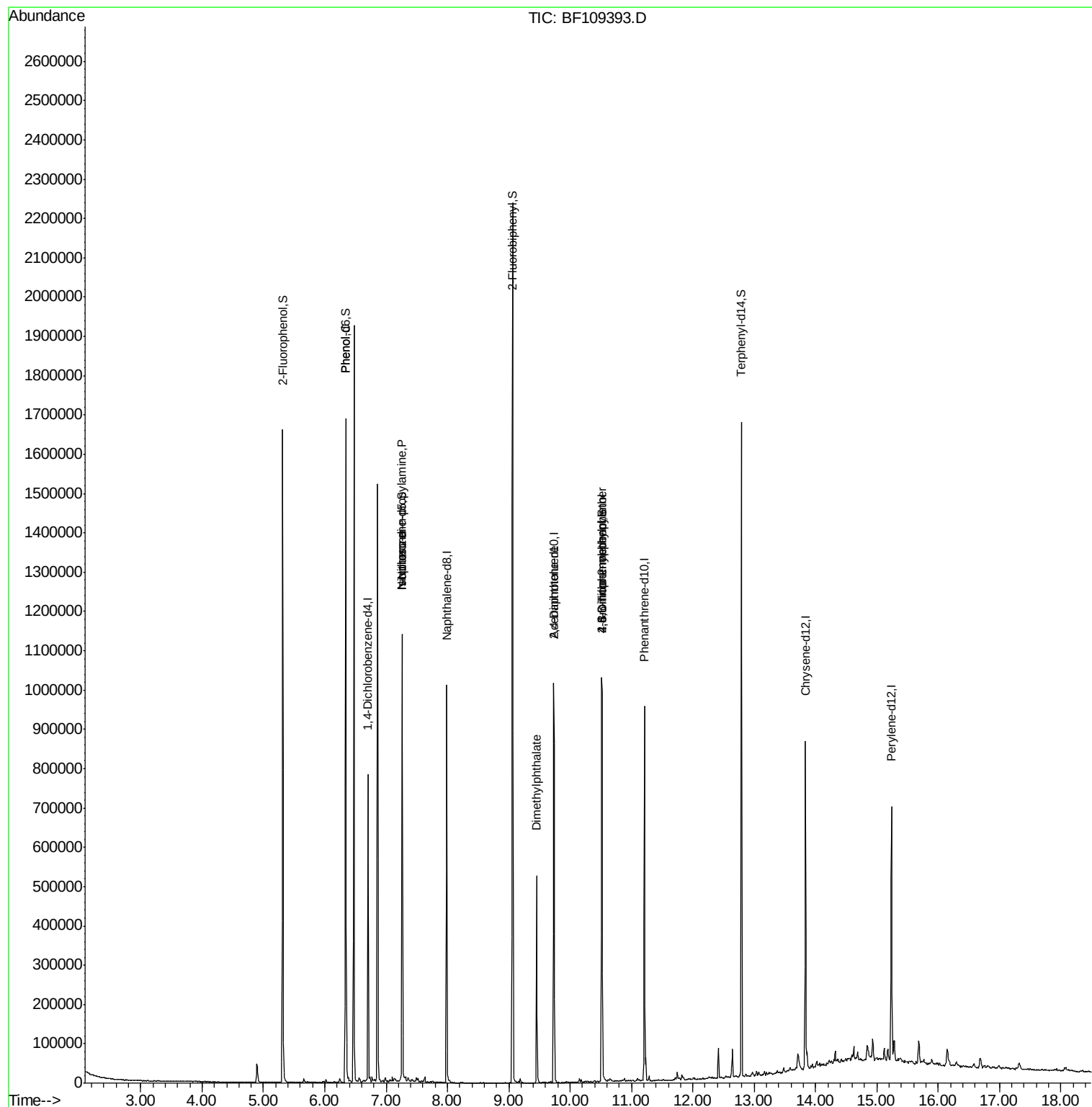
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106771	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	413333	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	195349	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	347286	20.00	ng	0.00
75) Chrysene-d12	13.84	240	268805	20.00	ng	0.00
86) Perylene-d12	15.24	264	284958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	441872	68.16	ng	0.00
7) Phenol-d6	6.35	99	573357	69.31	ng	-0.01
23) Nitrobenzene-d5	7.26	82	363413	51.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	130113	67.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	647421	49.98	ng	-0.01
78) Terphenyl-d14	12.79	244	533739	48.73	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	21479	2.293	ng	76
19) n-Nitroso-di-n-propylamine	7.26	70	50213	9.264	ng	# 76
25) Isophorone	7.26	82	340311	26.990	ng	# 64
49) Dimethylphthalate	9.46	163	204474	14.391	ng	99
56) 2,4-Dinitrotoluene	9.73	165	24764	6.955	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	242	6.670	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8011	2.077	ng	# 1

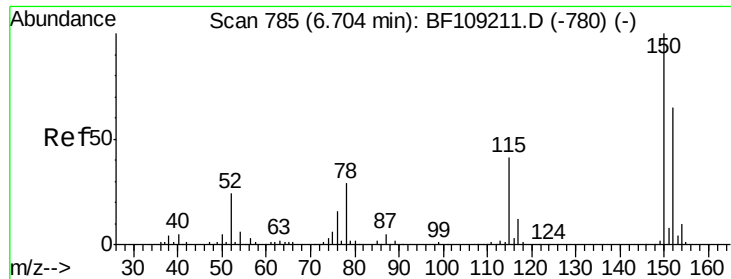
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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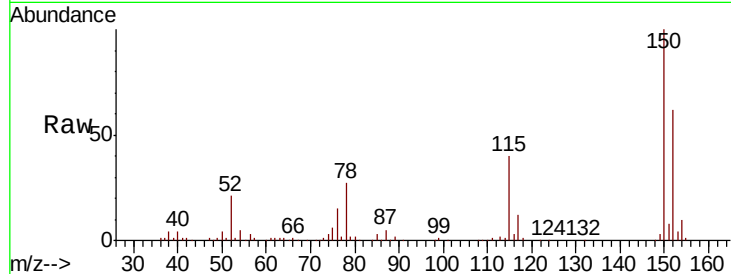


#1

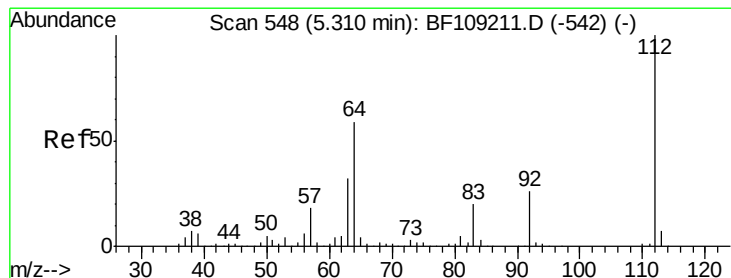
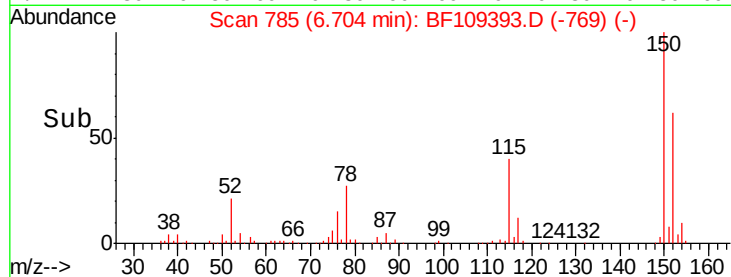
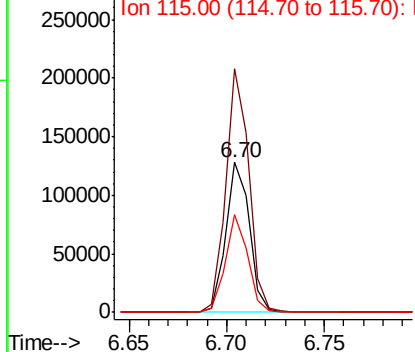
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H3

Tgt Ion:152 Resp: 106771
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 64.8 50.1 75.1



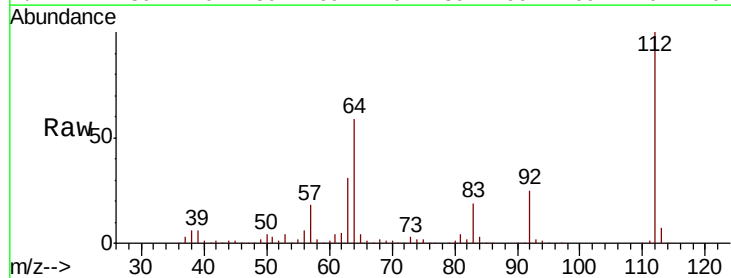
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



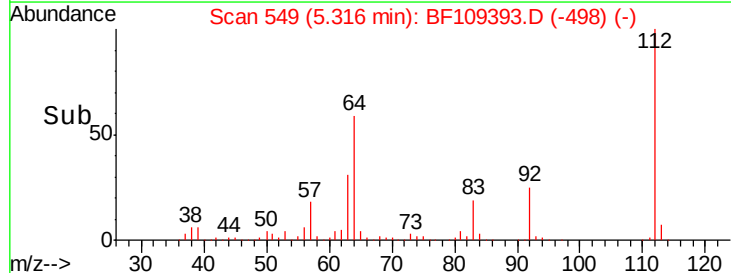
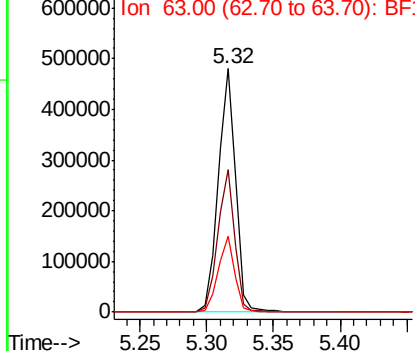
#5

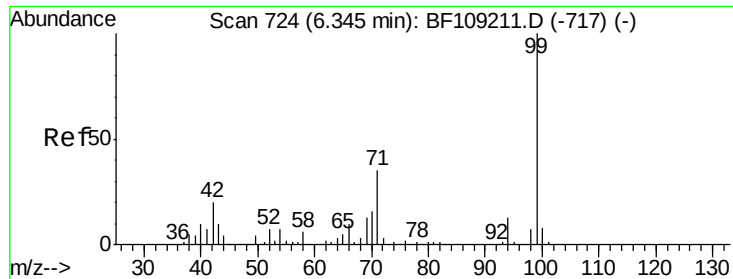
2-Fluorophenol
Concen: 68.164 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

Tgt Ion:112 Resp: 441872
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 31.0 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: 69.314 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H3

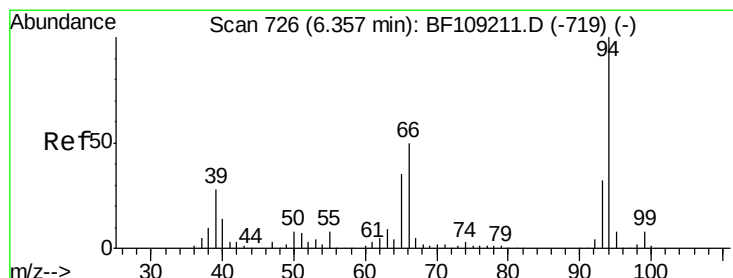
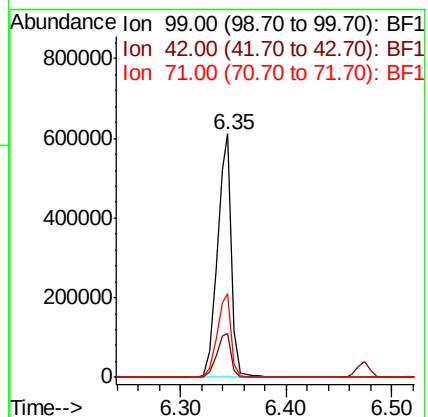
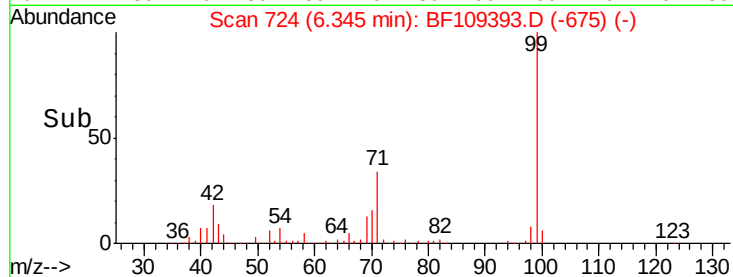
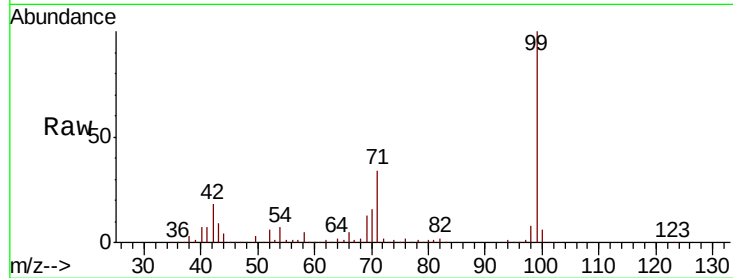
Tgt Ion: 99 Resp: 573357

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 34.1 25.4 38.0



#10

Phenol

Concen: 2.293 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

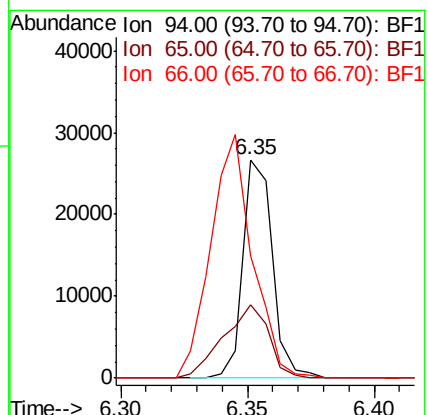
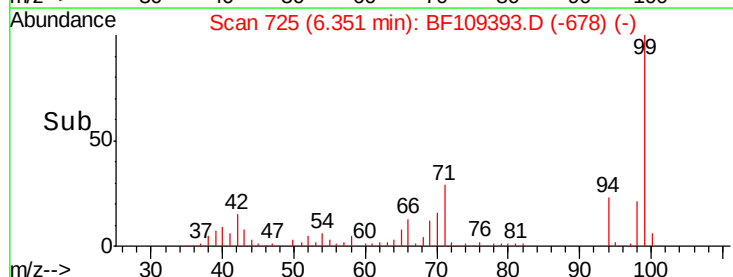
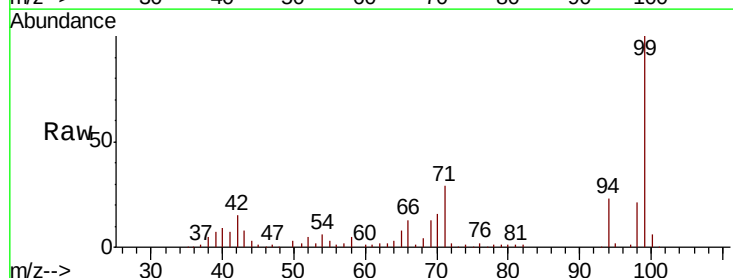
Tgt Ion: 94 Resp: 21479

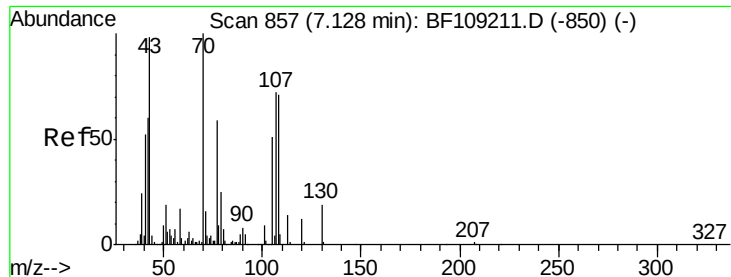
Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

66 56.0 16.2 56.2

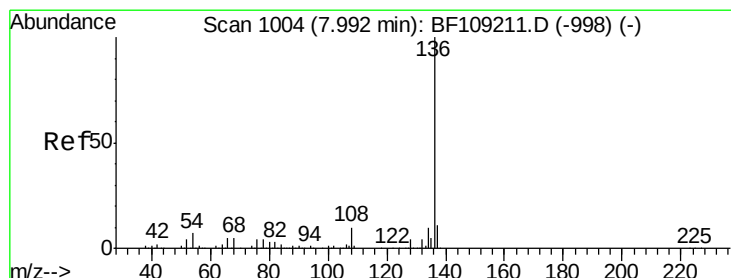
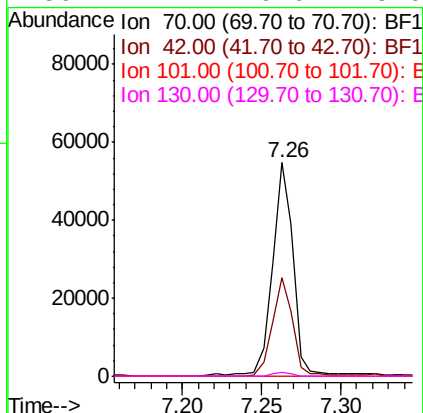
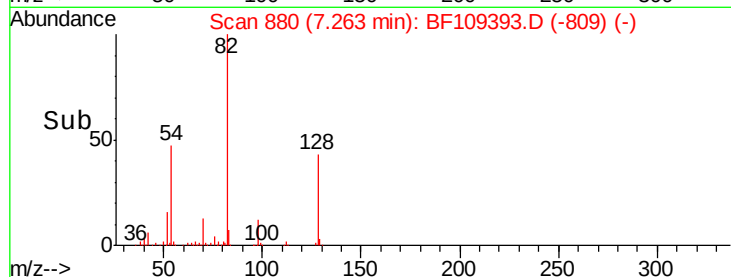
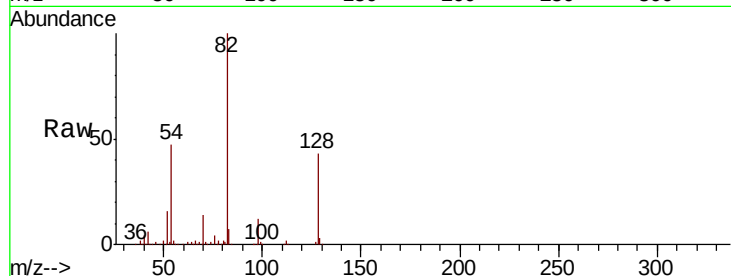




#19
n-Nitroso-di-n-propylamine
Concen: 9.264 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

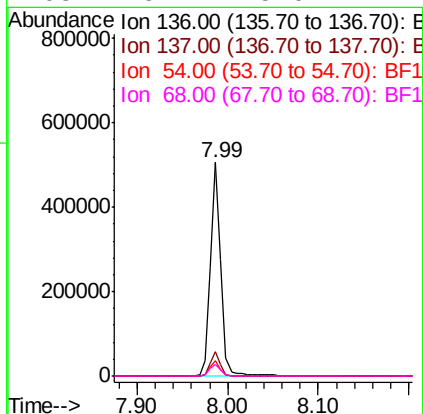
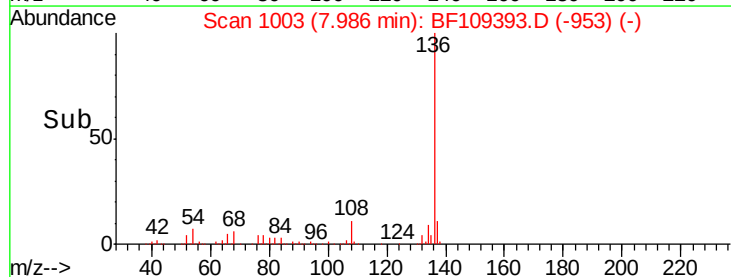
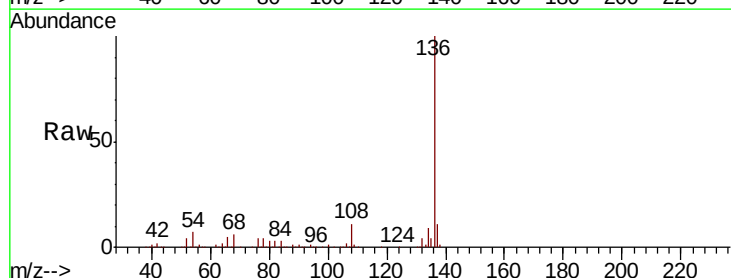
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H3

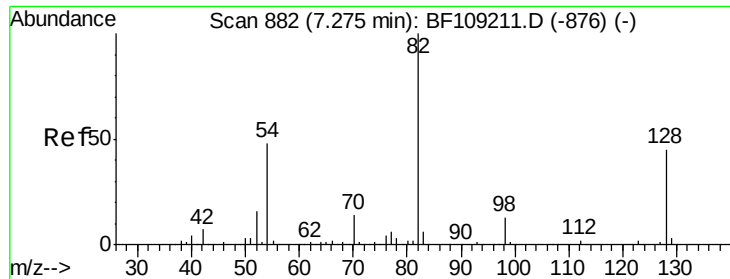
Tgt Ion: 70 Resp: 50213
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 136 Resp: 413333
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 6.6 9.8
68 5.7 5.0 7.4

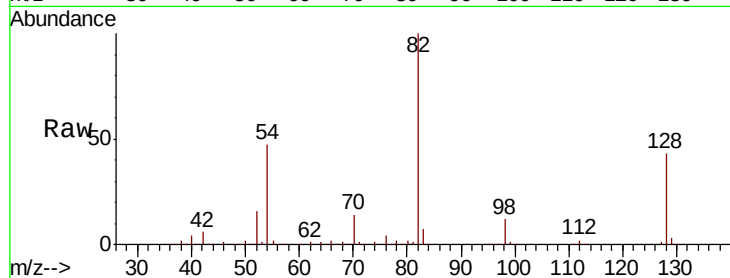




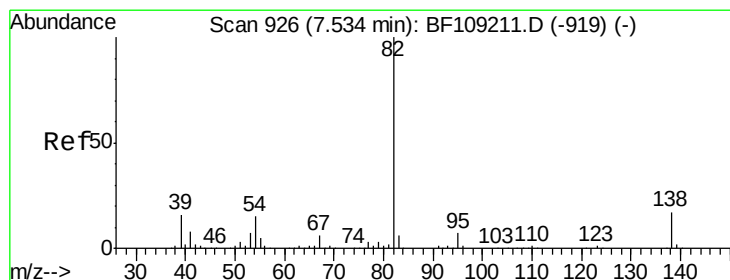
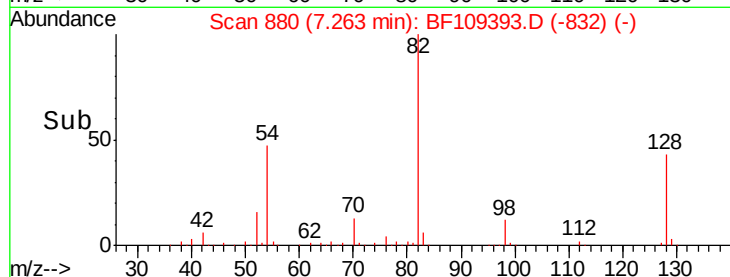
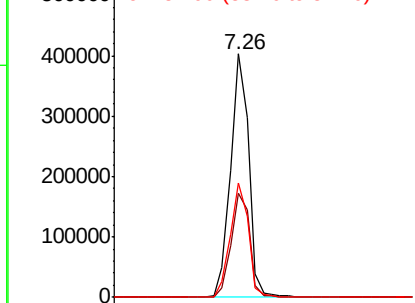
#23
 Nitrobenzene-d5
 Concen: 51.902 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H3

Tgt Ion: 82 Resp: 363413
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 46.9 41.4 62.2

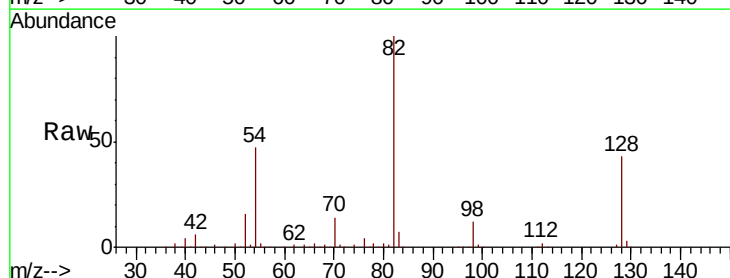


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

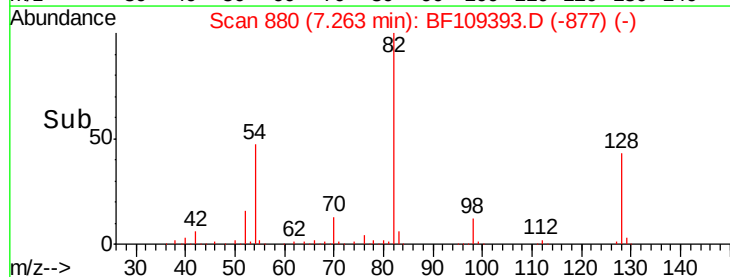
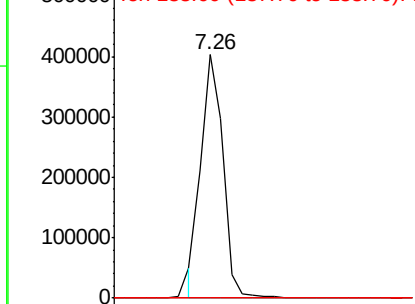


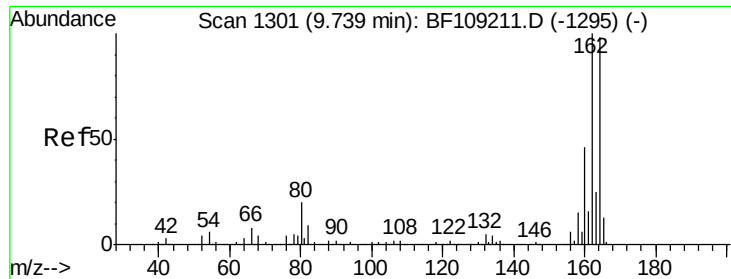
#25
 Isophorone
 Concen: 26.990 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Tgt Ion: 82 Resp: 340311
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H3

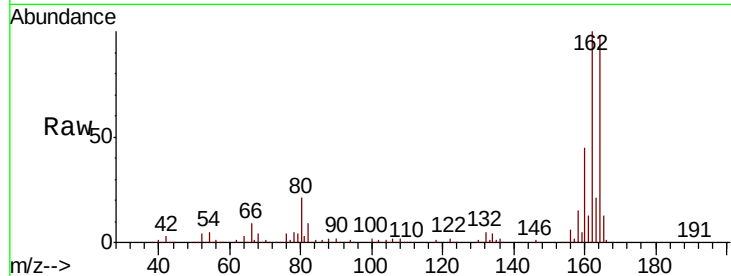
Tgt Ion:164 Resp: 195349

Ion Ratio Lower Upper

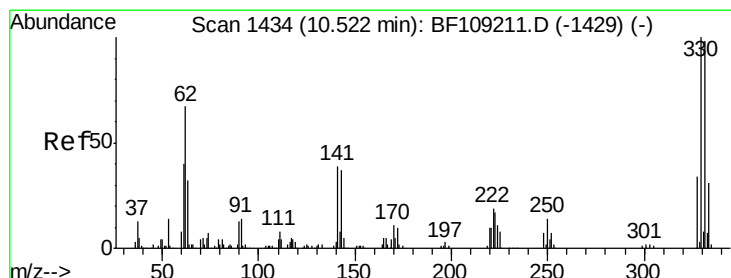
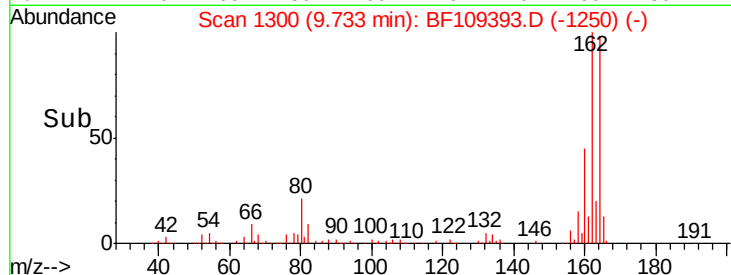
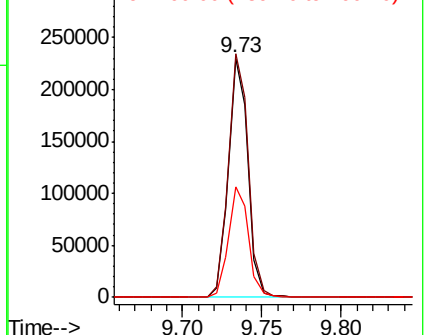
164 100

162 101.9 86.1 129.1

160 46.1 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: 67.565 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

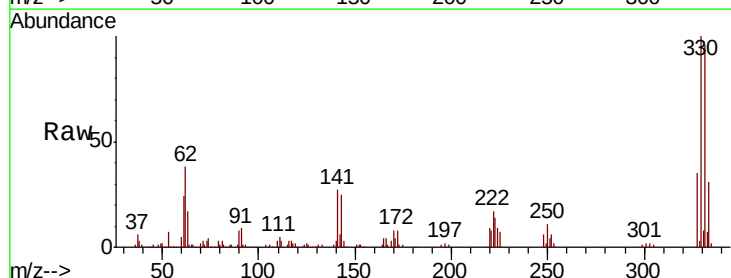
Tgt Ion:330 Resp: 130113

Ion Ratio Lower Upper

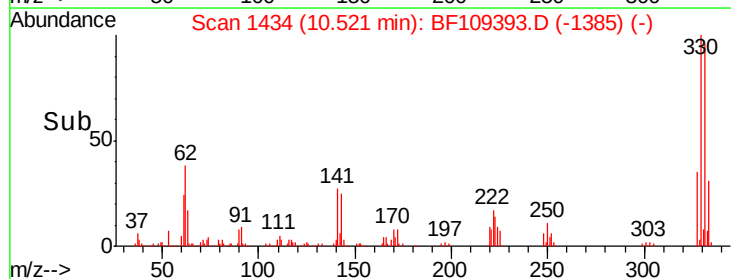
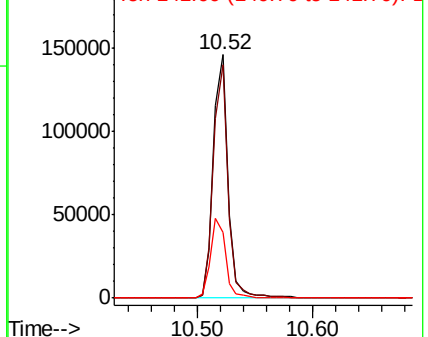
330 100

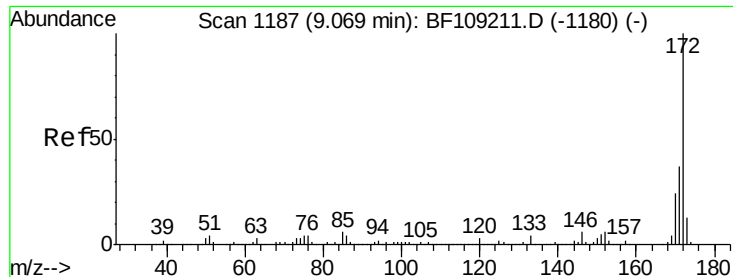
332 95.6 77.0 115.6

141 33.4 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

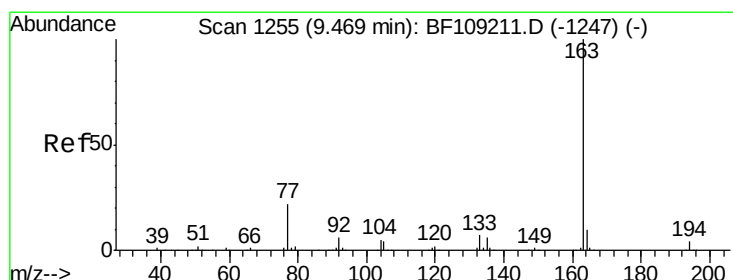
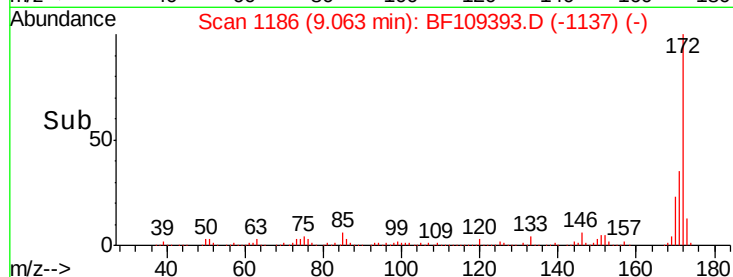
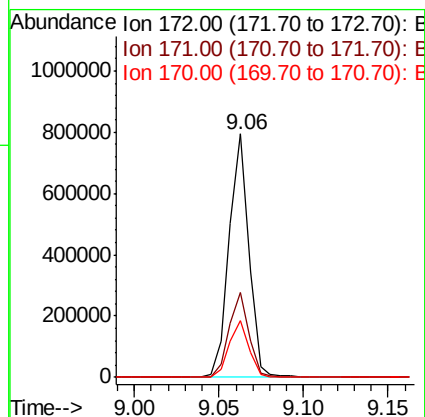
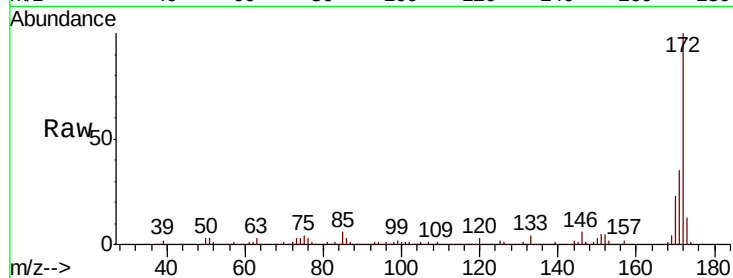




#44
2-Fluorobiphenyl
Concen: 49.984 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

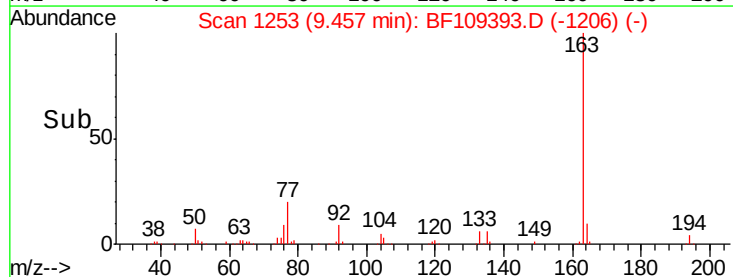
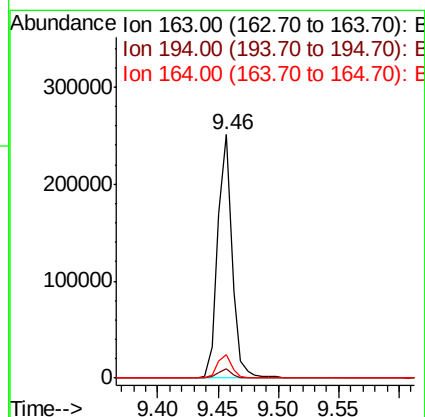
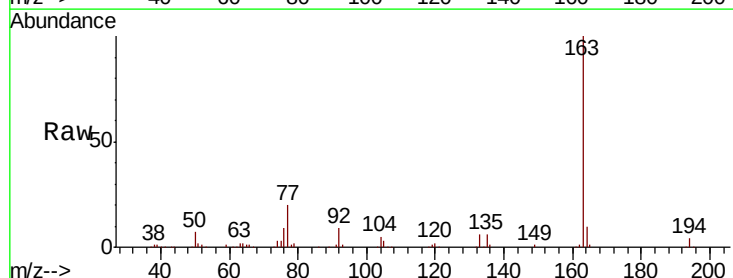
Instrument :
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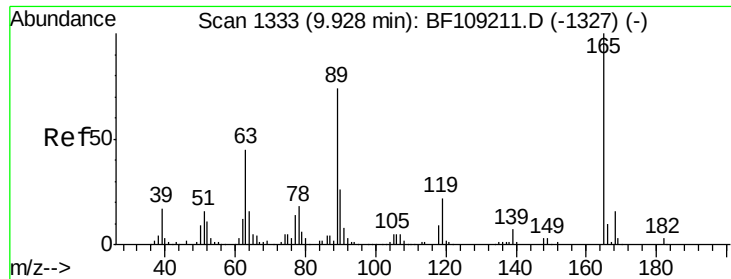
Tgt Ion:172 Resp: 647421
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 14.391 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

Tgt Ion:163 Resp: 204474
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2

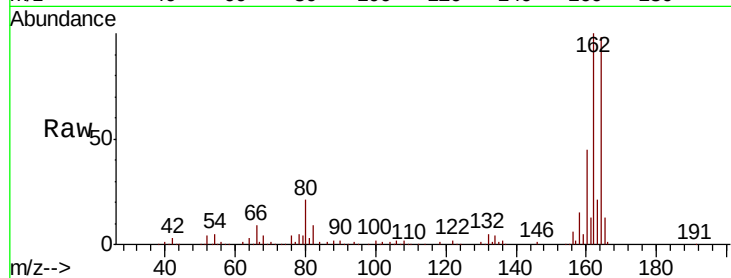




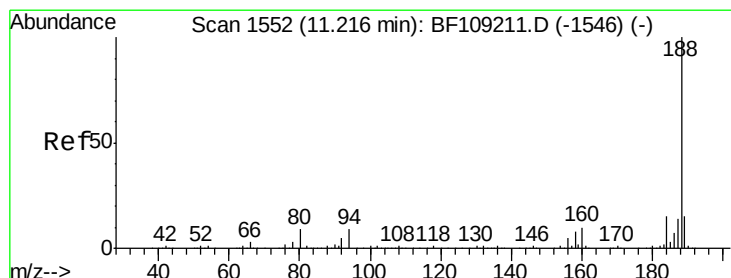
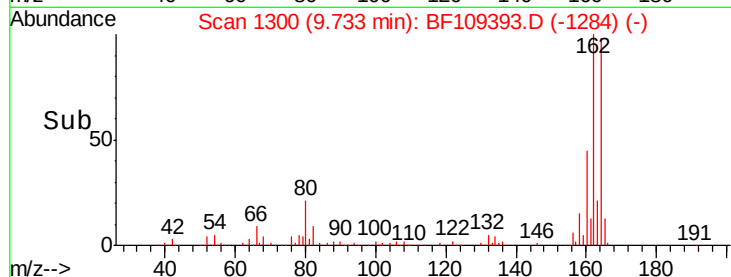
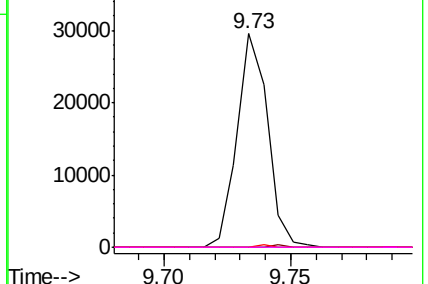
#56
 2,4-Dinitrotoluene
 Concen: 6.955 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H3

Tgt Ion:	165	Resp:	24764
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

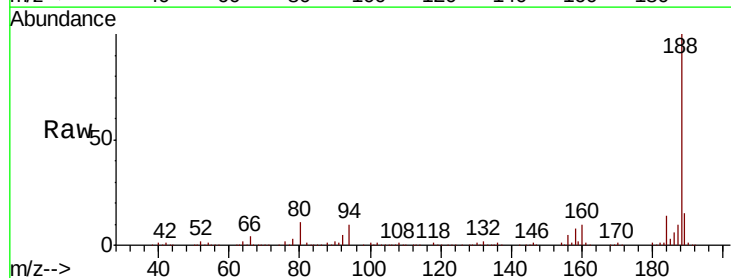


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

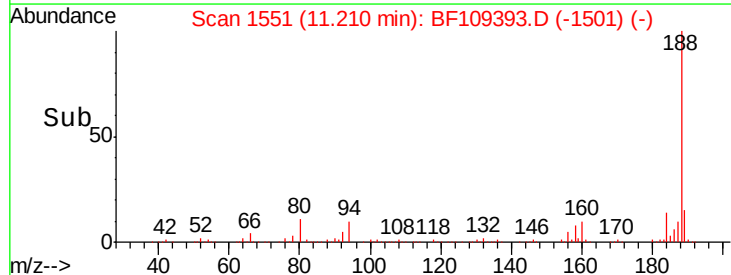
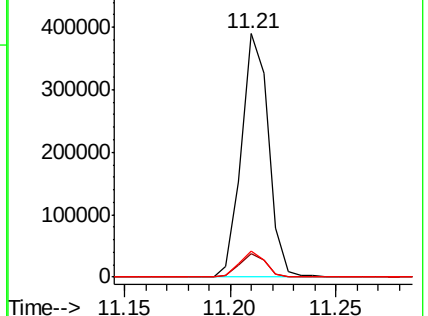


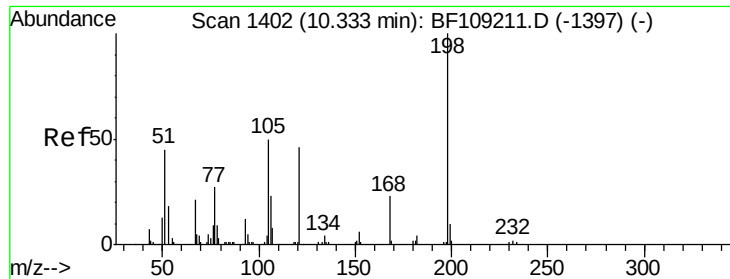
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Tgt Ion:	188	Resp:	347286
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.5	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

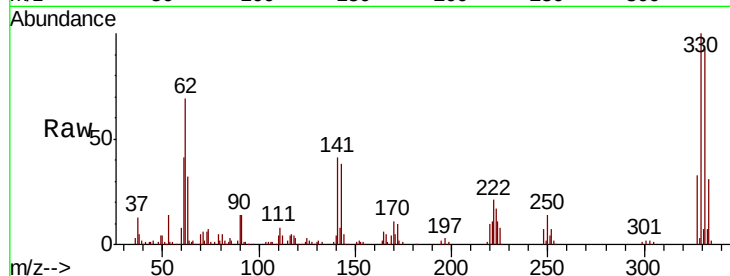




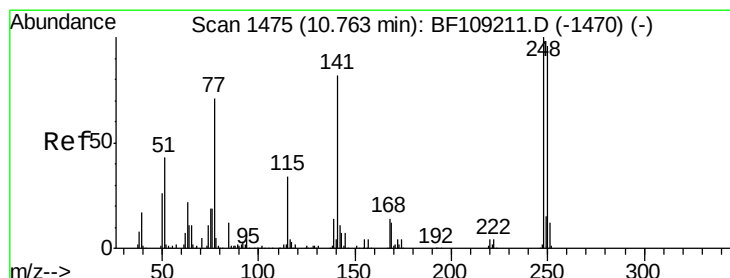
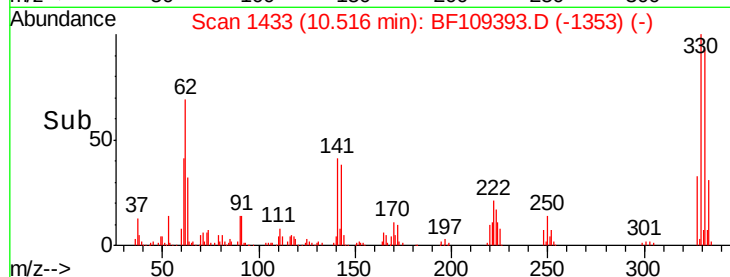
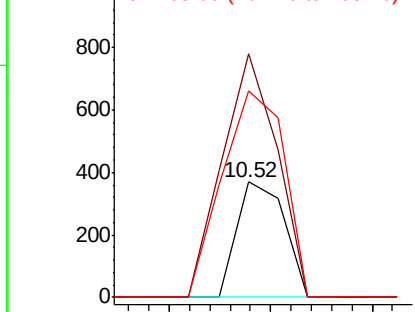
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.670 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H3

Tgt Ion:198 Resp: 242
 Ion Ratio Lower Upper
 198 100
 51 211.1 37.7 77.7#
 105 179.1 36.3 76.3#

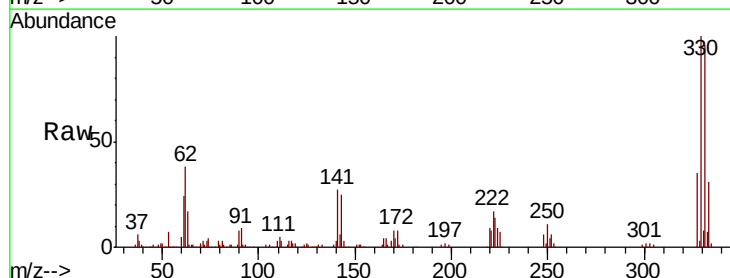


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

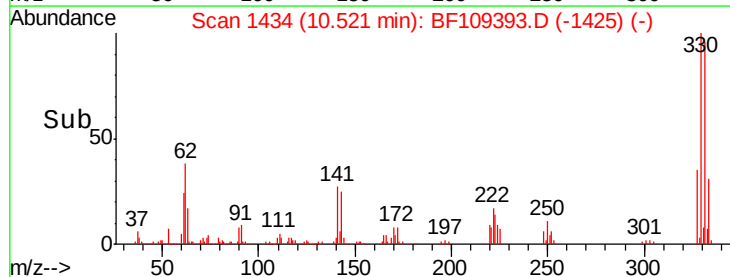
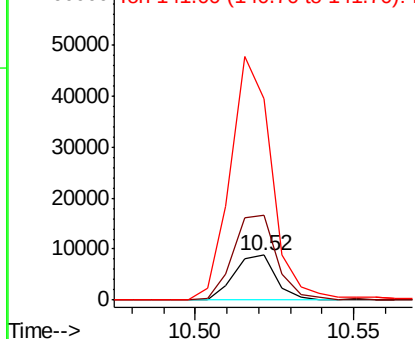


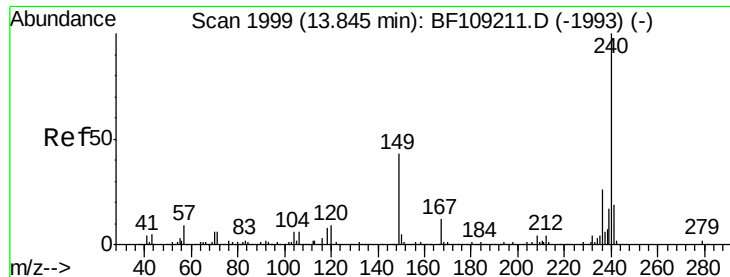
#66
 4-Bromophenyl-phenylether
 Concen: 2.077 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109393.D
 Acq: 27 Sep 2018 17:57

Tgt Ion:248 Resp: 8011
 Ion Ratio Lower Upper
 248 100
 250 190.1 76.9 115.3#
 141 449.6 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H3

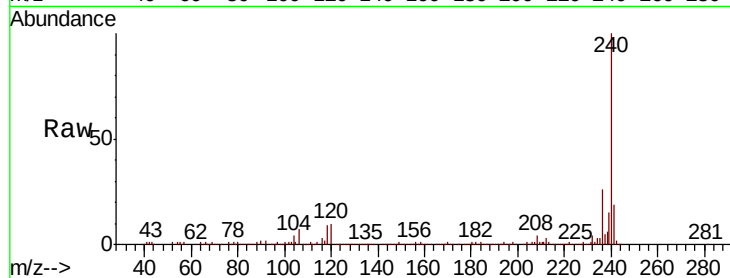
Tgt Ion:240 Resp: 268805

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

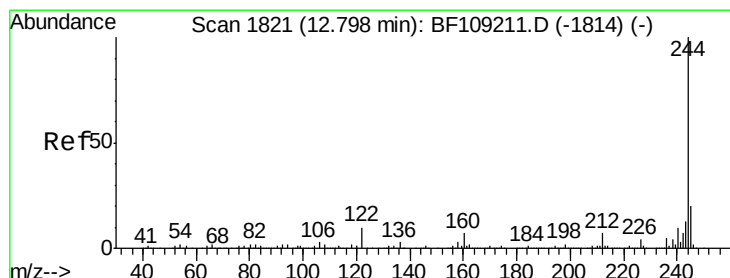
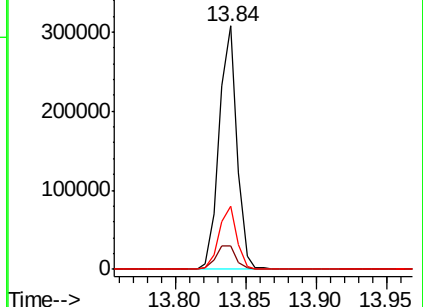
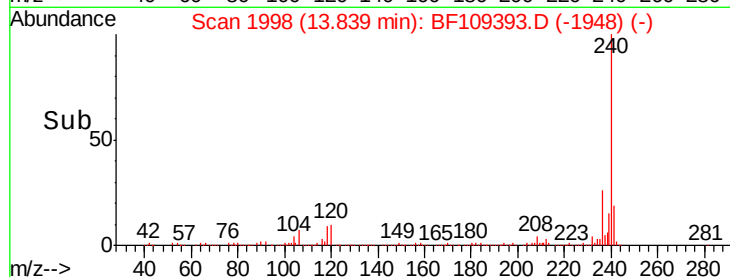
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 48.730 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109393.D

Acq: 27 Sep 2018 17:57

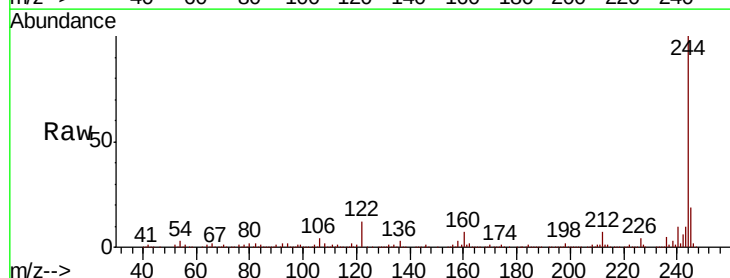
Tgt Ion:244 Resp: 533739

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

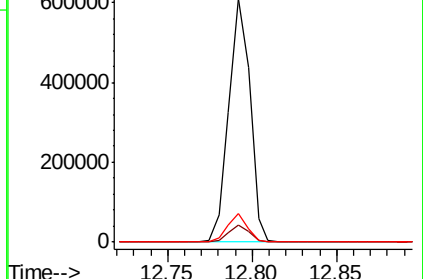
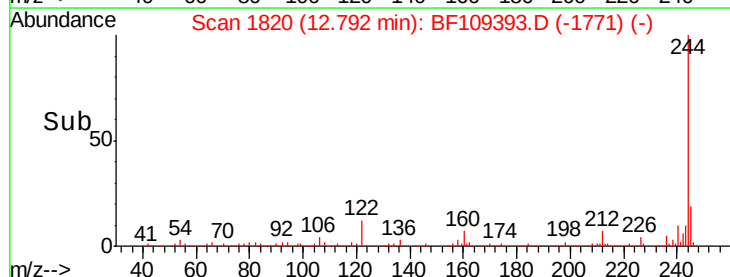
122 12.0 11.0 16.4

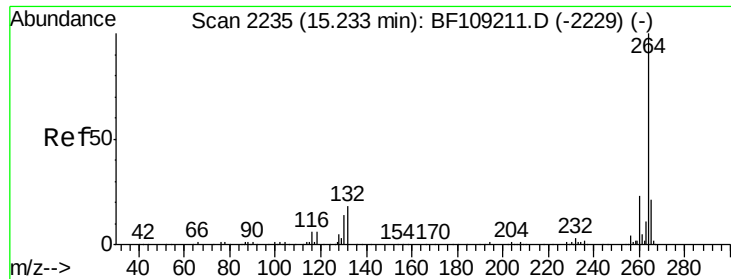


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109393.D
Acq: 27 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.5	26.3

