

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109404.D
 Acq On : 27 Sep 2018 22:47
 Operator : JU/SJ
 Sample : J5066-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Quant Time: Sep 28 05:15:58 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

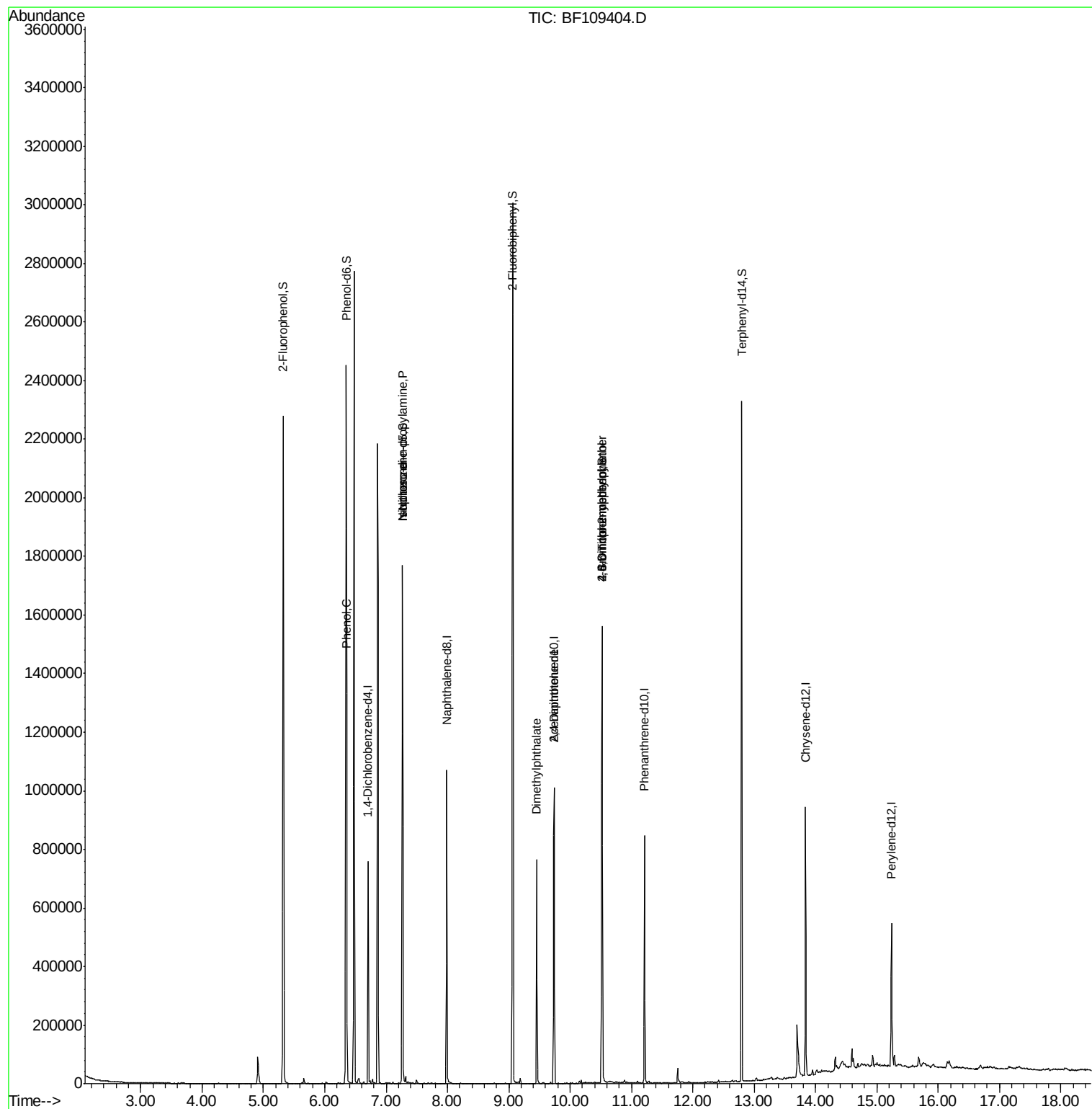
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113444	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	435253	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188370	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	305378	20.00	ng	0.00
75) Chrysene-d12	13.84	240	285680	20.00	ng	0.00
86) Perylene-d12	15.24	264	209390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	708939	102.93	ng	0.00
7) Phenol-d6	6.35	99	910754	103.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	571342	77.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	180911	97.42	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	966337	77.37	ng	-0.01
78) Terphenyl-d14	12.80	244	779102	66.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32557	3.271	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	76703	13.319	ng	# 78
25) Isophorone	7.27	82	551203	41.515	ng	# 64
49) Dimethylphthalate	9.46	163	274303	20.021	ng	99
56) 2,4-Dinitrotoluene	9.74	165	23984	6.986	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	293	6.727	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11222	3.309	ng	# 1

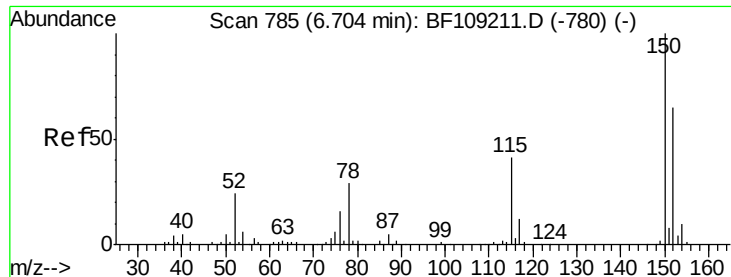
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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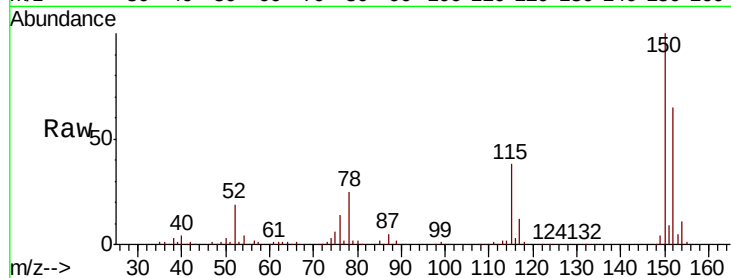


#1

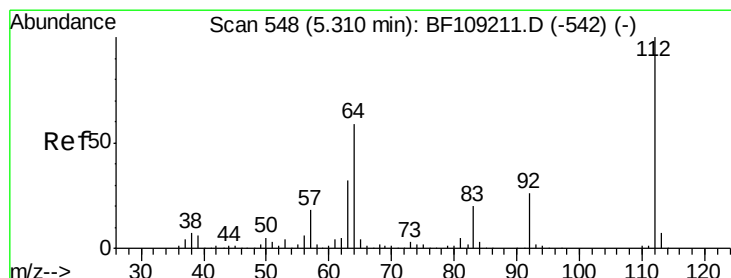
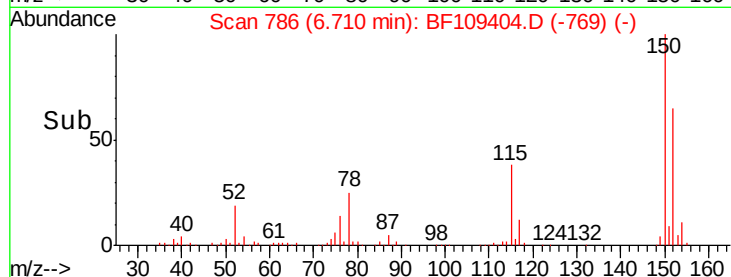
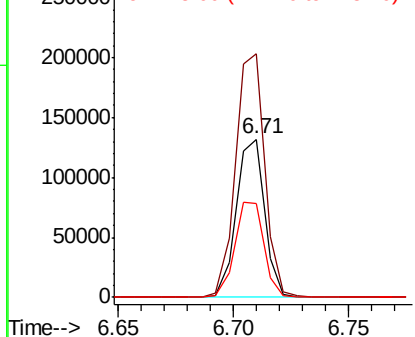
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109404.D
Acq: 27 Sep 2018 22:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H2

Tgt Ion:152 Resp: 113444
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 59.0 50.1 75.1



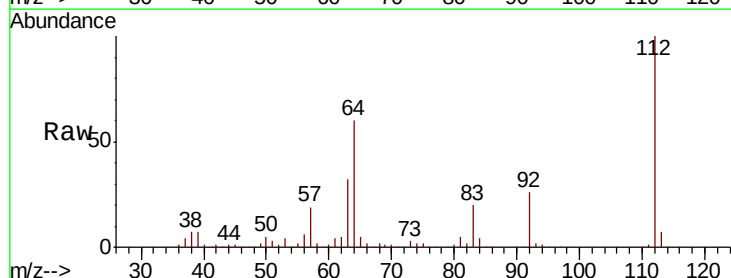
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



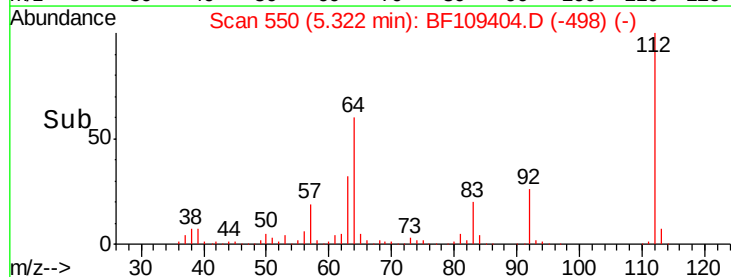
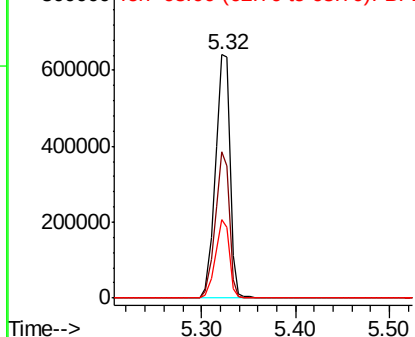
#5

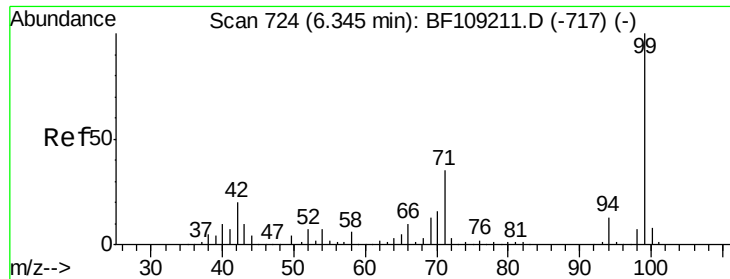
2-Fluorophenol
Concen: 102.930 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109404.D
Acq: 27 Sep 2018 22:47

Tgt Ion:112 Resp: 708939
Ion Ratio Lower Upper
112 100
64 60.0 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: 103.626 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Instrument :

BNA_F

ClientSampled :

EP1-Q1-H2

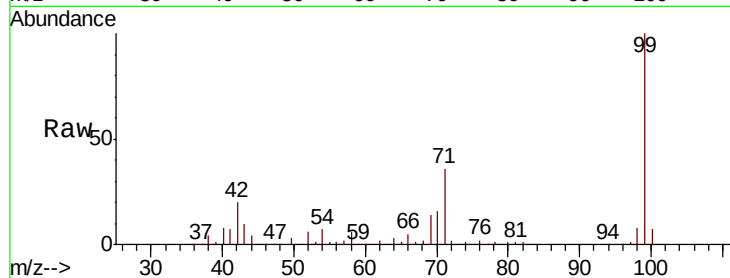
Tgt Ion: 99 Resp: 910754

Ion Ratio Lower Upper

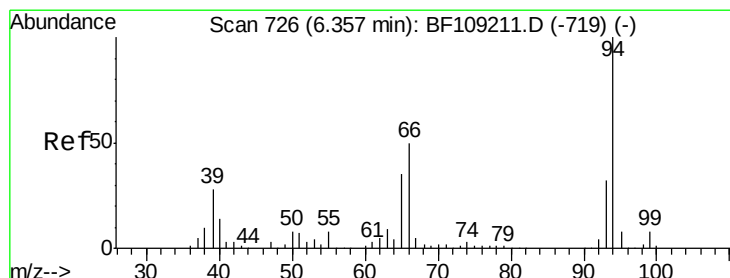
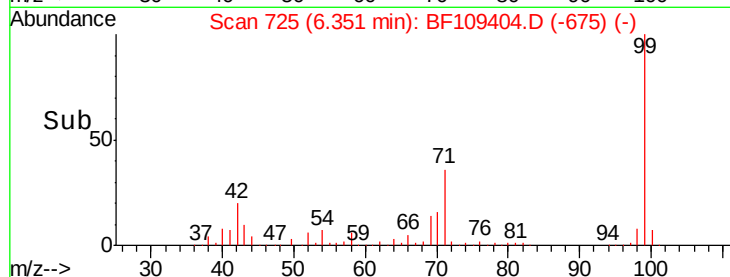
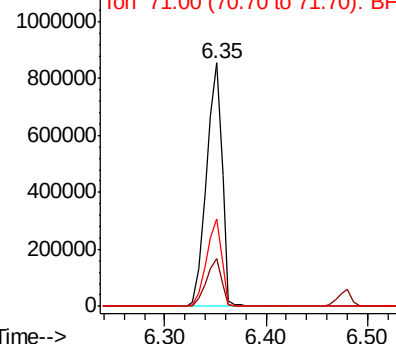
99 100

42 19.8 14.5 21.7

71 35.9 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: 3.271 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

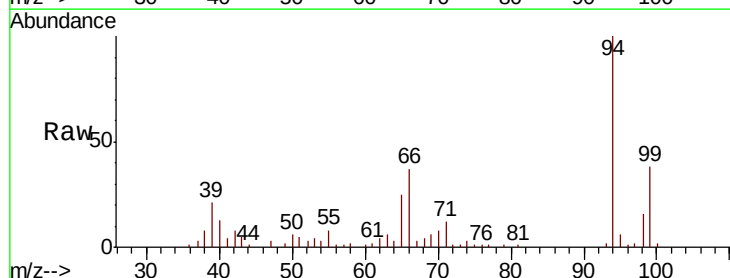
Tgt Ion: 94 Resp: 32557

Ion Ratio Lower Upper

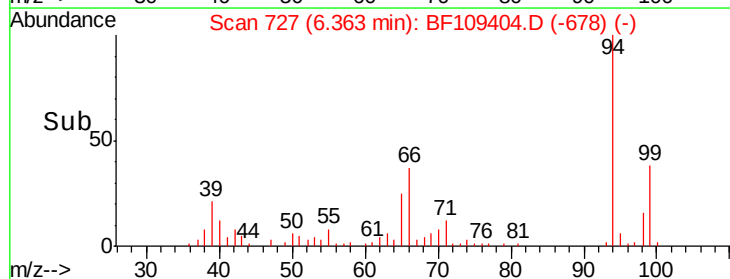
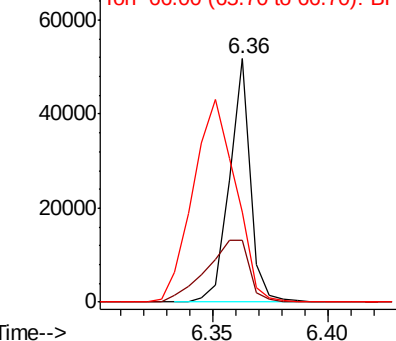
94 100

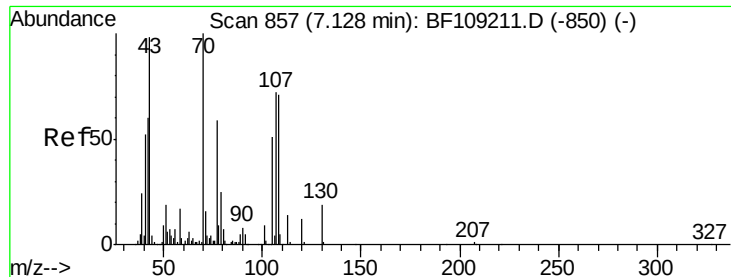
65 25.2 7.9 47.9

66 37.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

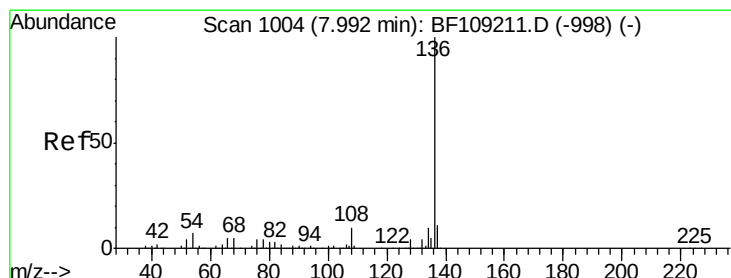
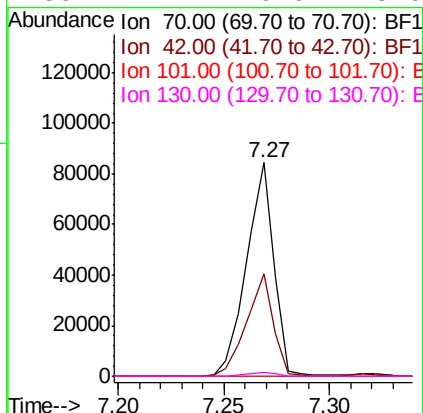
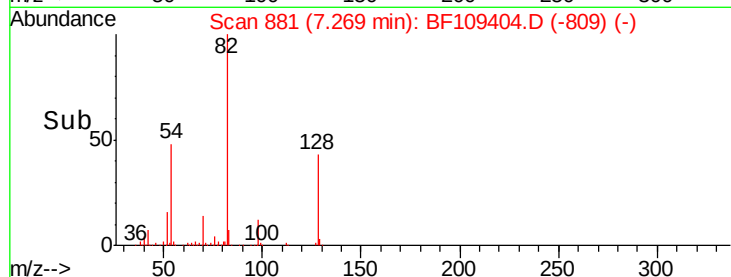
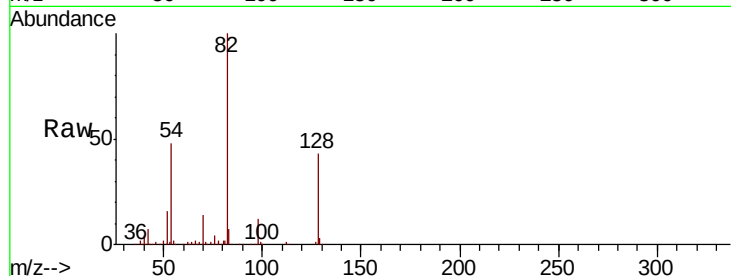




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.319 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

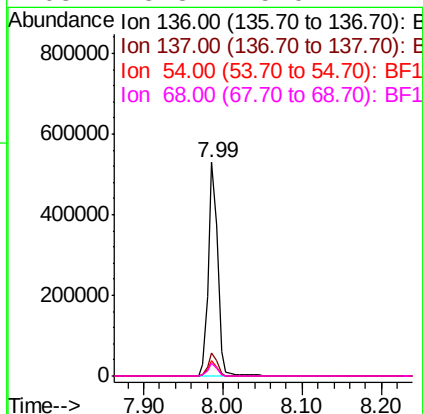
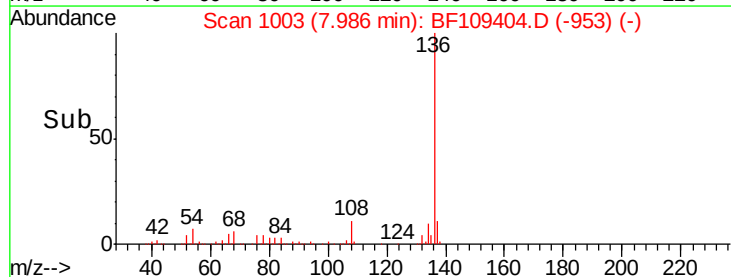
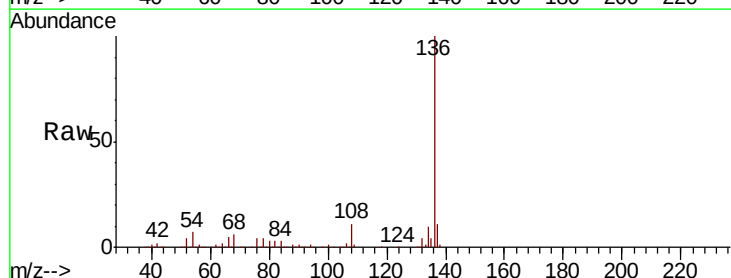
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

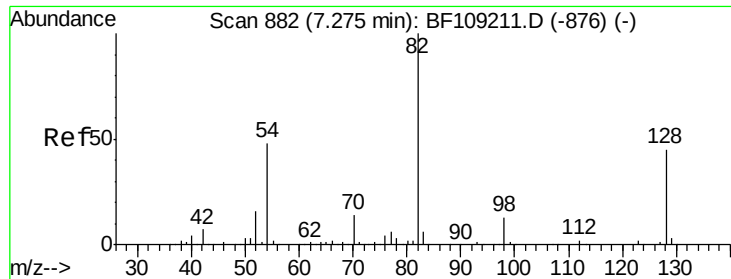
Tgt Ion: 70 Resp: 76703
 Ion Ratio Lower Upper
 70 100
 42 48.2 47.5 71.3
 101 0.0 7.4 11.2#
 130 2.1 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion: 136 Resp: 435253
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.9 13.3
 54 7.5 6.6 9.8
 68 5.8 5.0 7.4

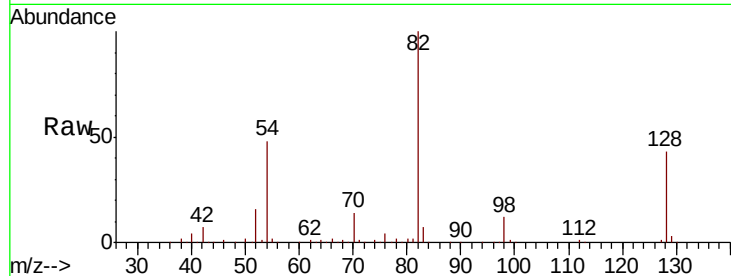




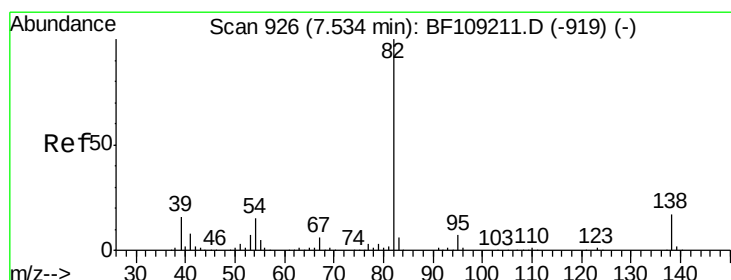
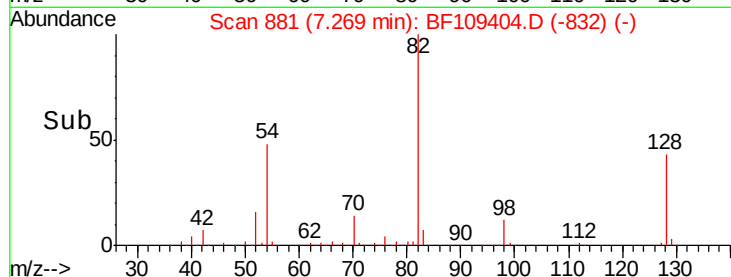
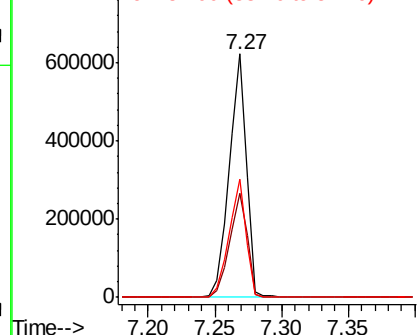
#23
 Nitrobenzene-d5
 Concen: 77.489 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Tgt Ion: 82 Resp: 571342
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 48.3 41.4 62.2

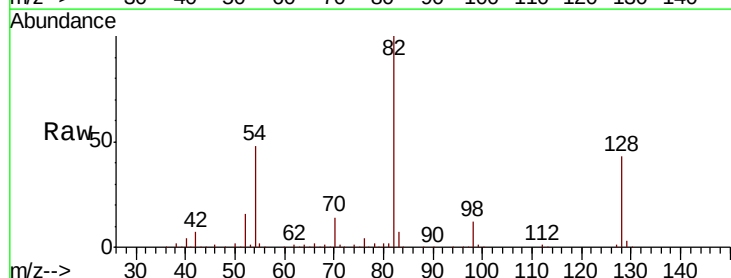


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

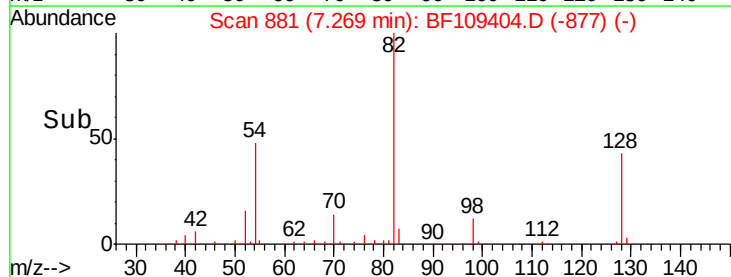
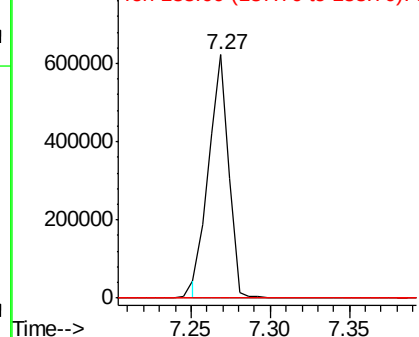


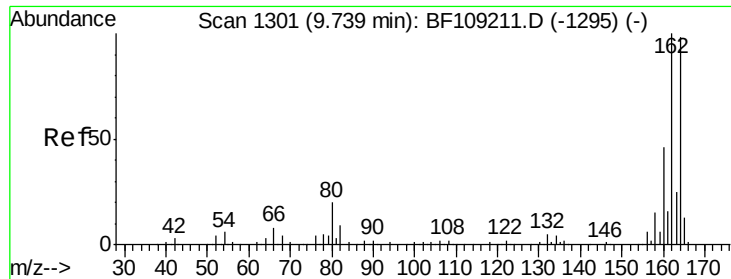
#25
 Isophorone
 Concen: 41.515 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion: 82 Resp: 551203
 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

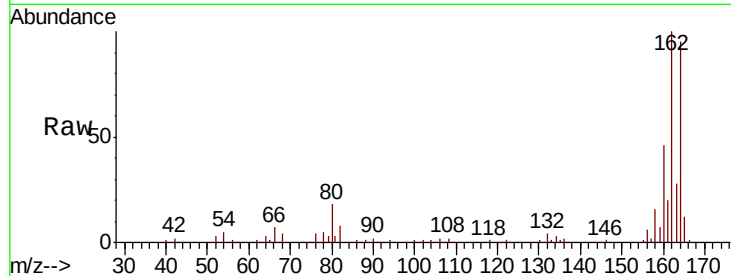




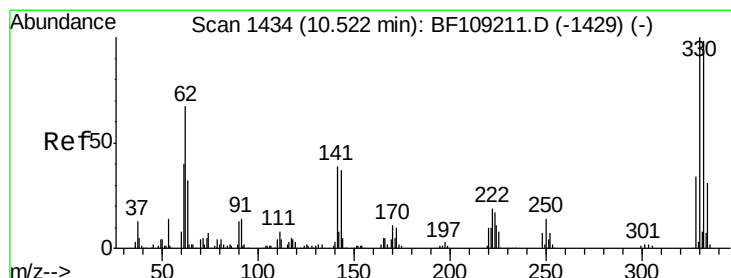
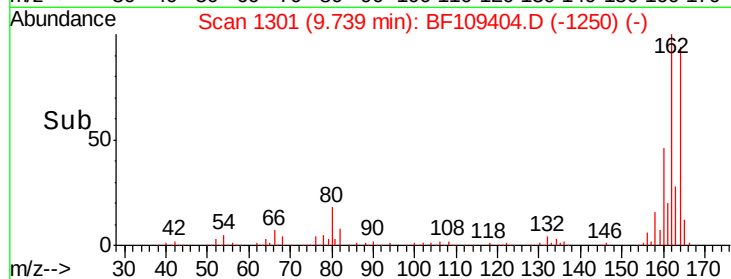
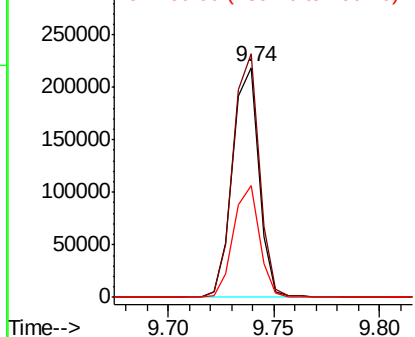
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Tgt Ion:164 Resp: 188370
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 48.5 38.3 57.5

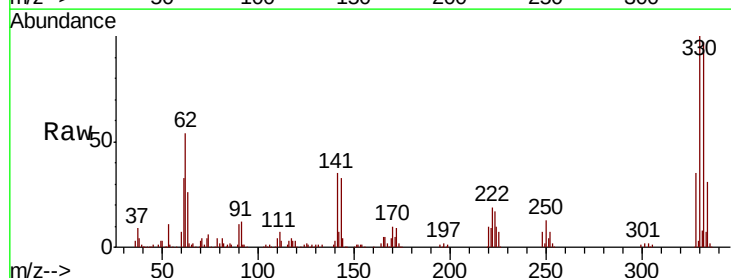


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

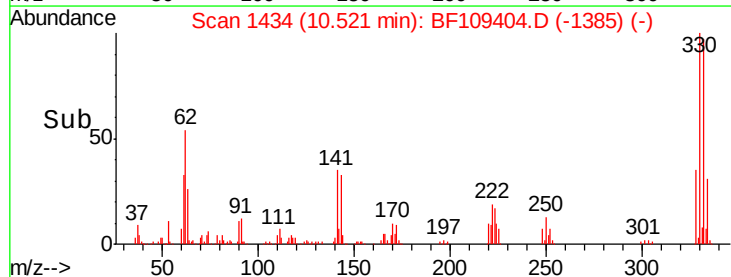
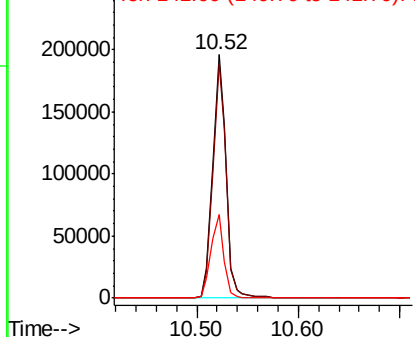


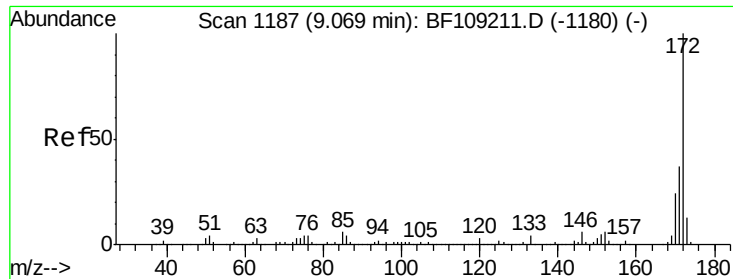
#41
 2,4,6-Tribromophenol
 Concen: 97.424 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion:330 Resp: 180911
 Ion Ratio Lower Upper
 330 100
 332 96.0 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

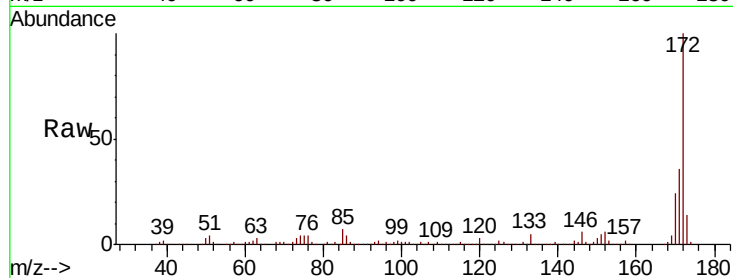




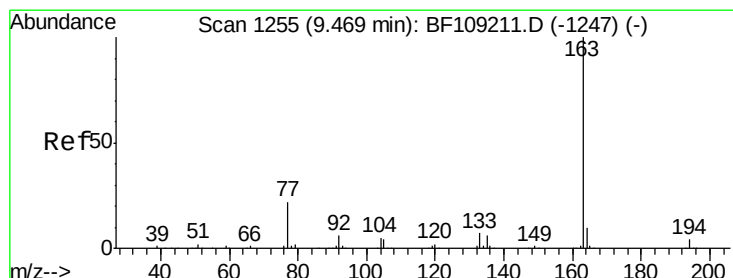
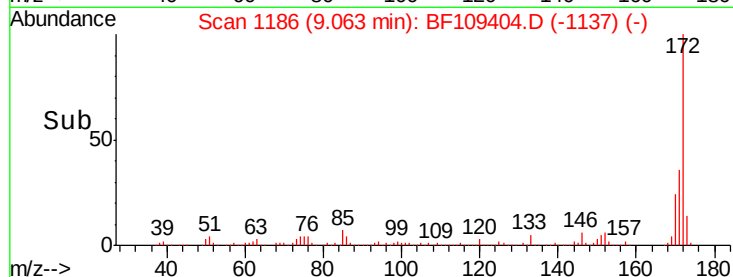
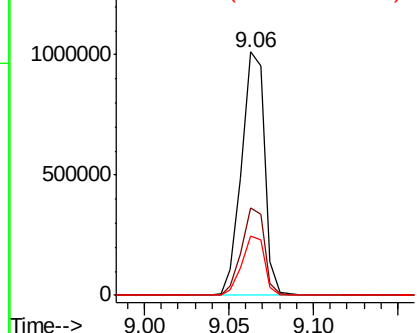
#44
2-Fluorobiphenyl
Concen: 77.370 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109404.D
Acq: 27 Sep 2018 22:47

Instrument :
BNA_F
ClientSampled :
EP1-Q1-H2

Tgt Ion:172 Resp: 966337
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.4 19.6 29.4

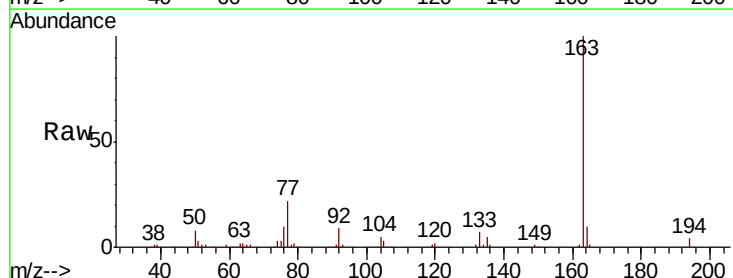


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

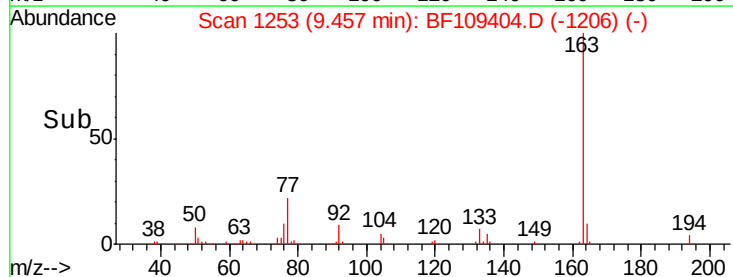
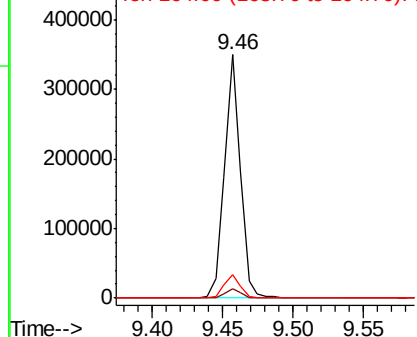


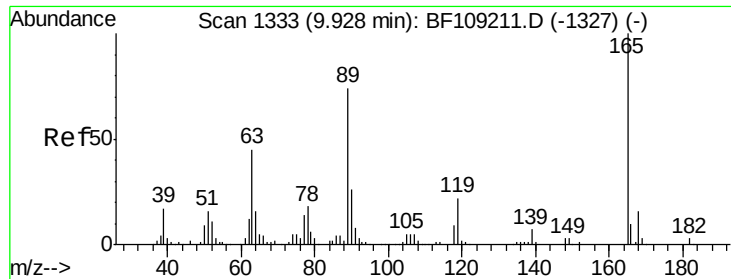
#49
Dimethylphthalate
Concen: 20.021 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109404.D
Acq: 27 Sep 2018 22:47

Tgt Ion:163 Resp: 274303
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2



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





#56

2,4-Dinitrotoluene

Concen: 6.986 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.20 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H2

Tgt Ion:165 Resp: 23984

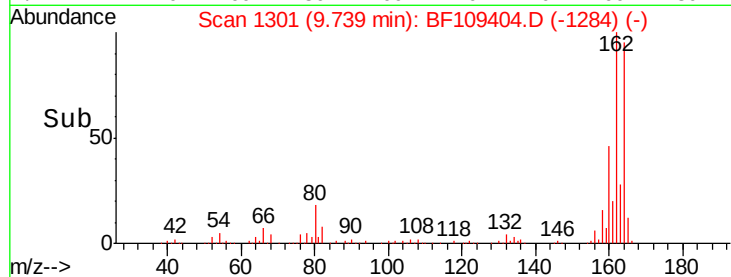
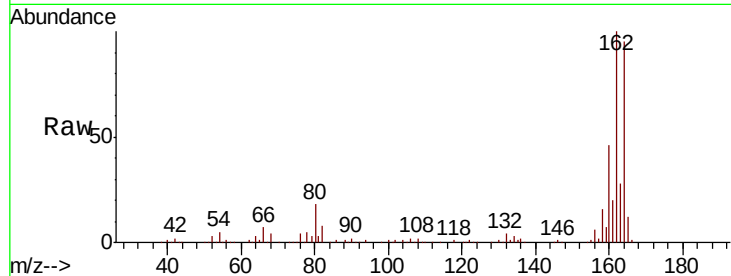
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

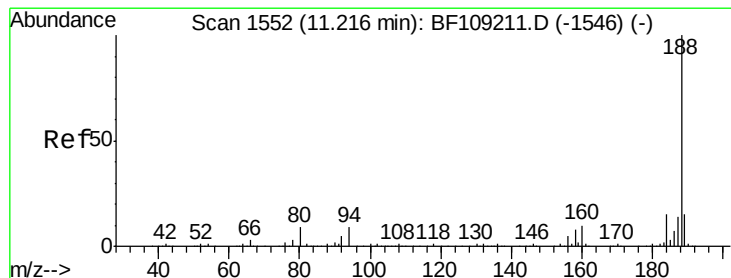
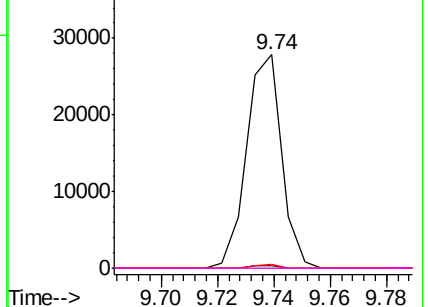


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

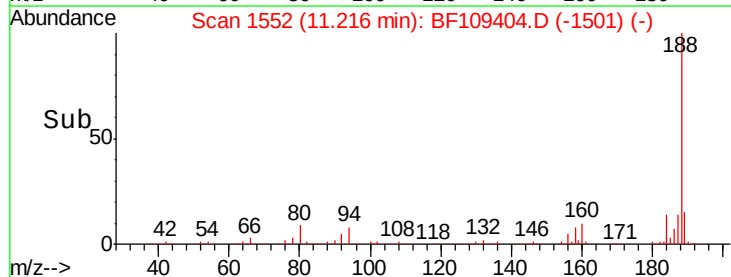
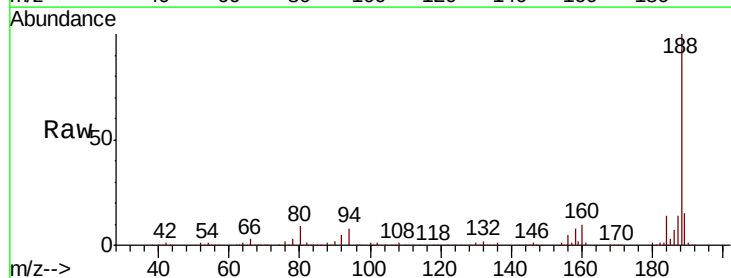
Tgt Ion:188 Resp: 305378

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

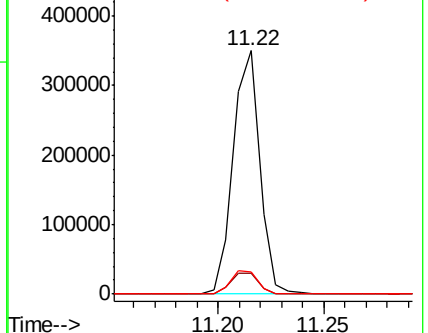
80 9.0 9.2 13.8#

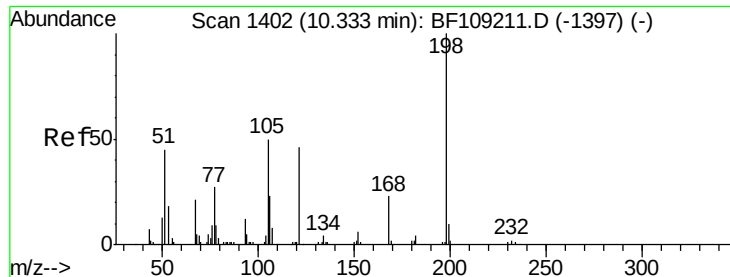


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

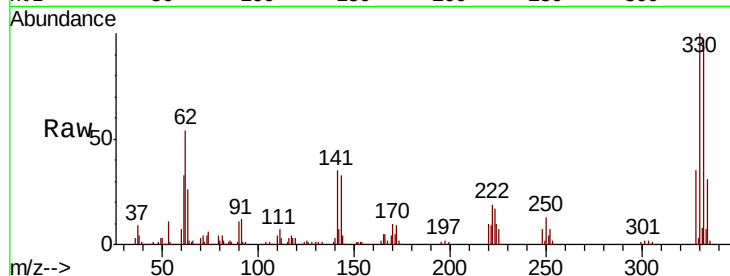




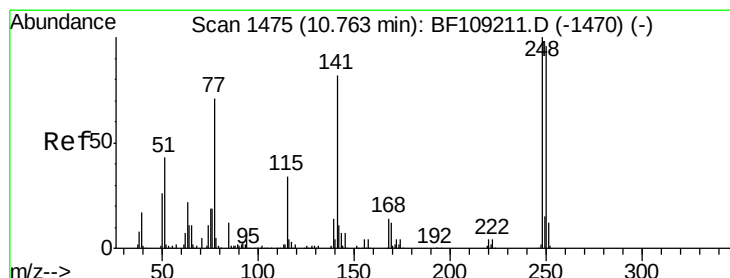
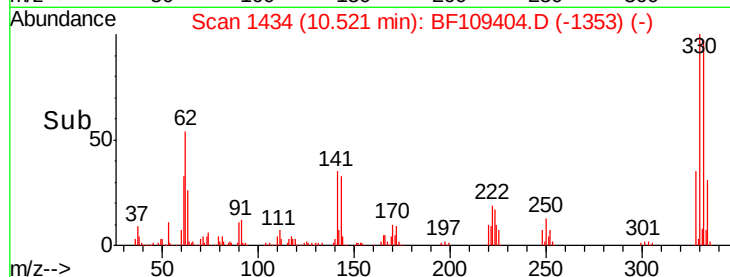
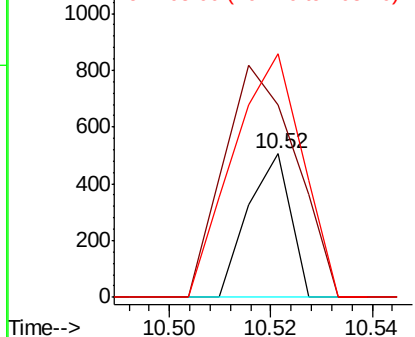
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.727 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Tgt Ion:198 Resp: 293
 Ion Ratio Lower Upper
 198 100
 51 134.5 37.7 77.7#
 105 169.9 36.3 76.3#

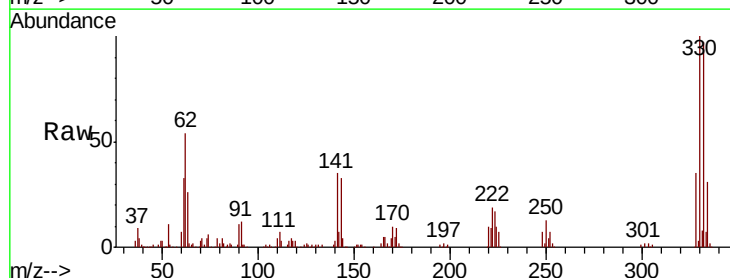


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

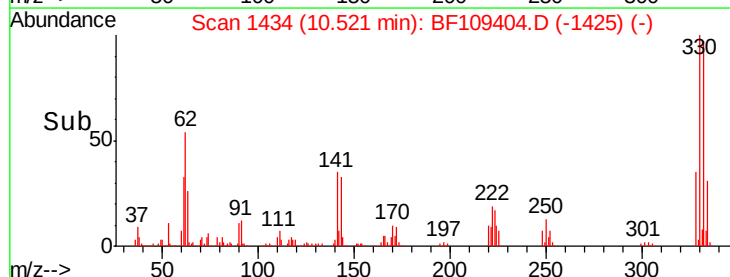
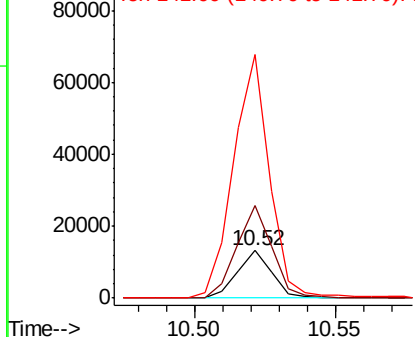


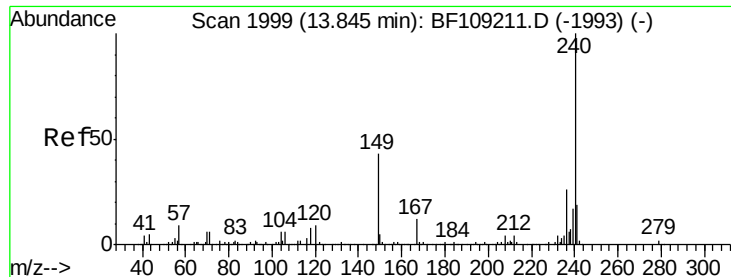
#66
 4-Bromophenyl-phenylether
 Concen: 3.309 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion:248 Resp: 11222
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 510.8 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: BF109404.D

Acq: 27 Sep 2018 22:47

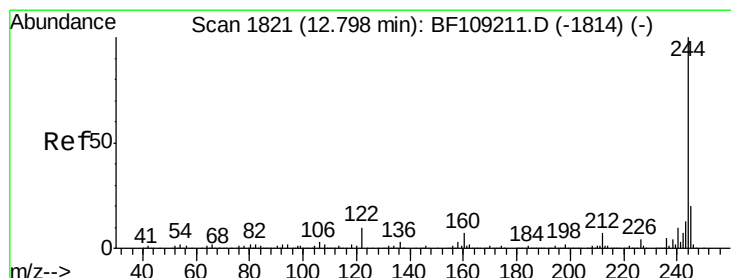
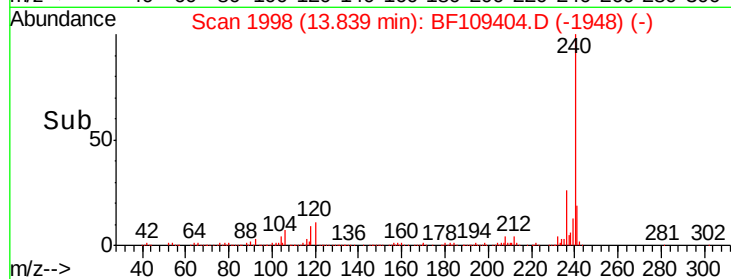
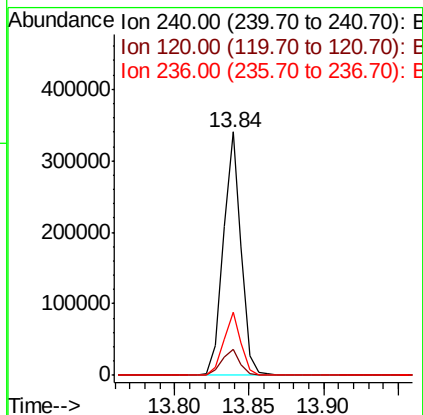
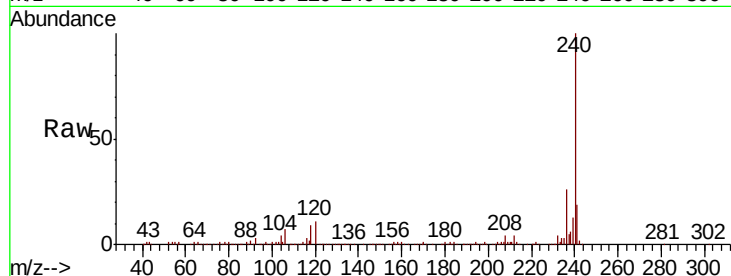
Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H2

Tgt Ion:	240	Resp:	285680
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.7	20.7	31.1



#78

Terphenyl-d14

Concen: 66.930 ng

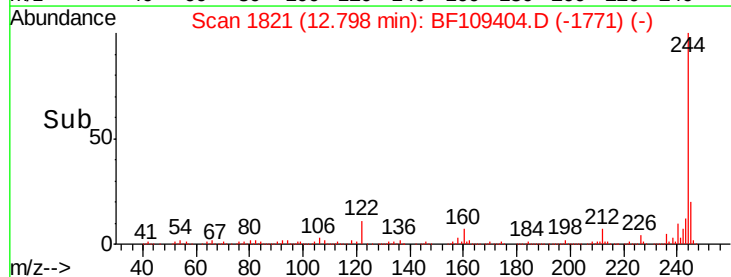
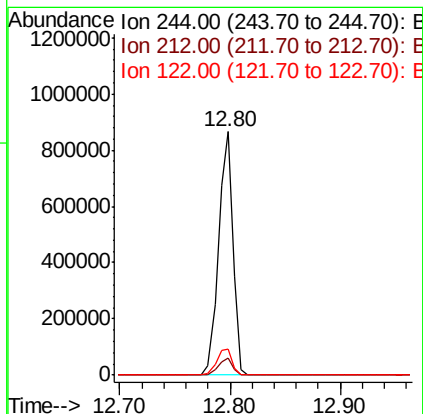
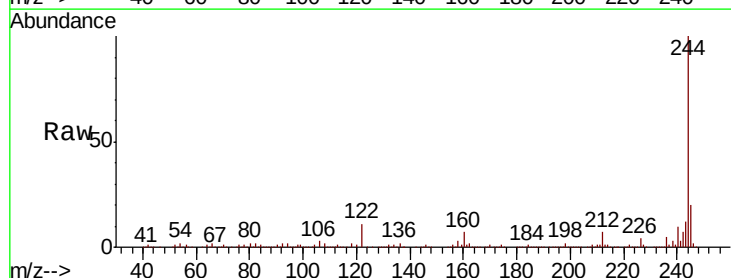
RT: 12.80 min Scan# 1821

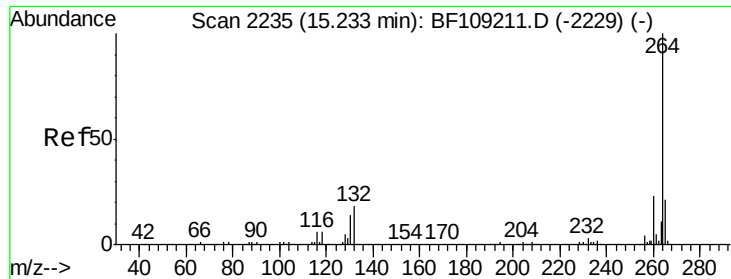
Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Tgt Ion:	244	Resp:	779102
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109404.D
Acq: 27 Sep 2018 22:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.7	17.5	26.3

