

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109395.D
 Acq On : 27 Sep 2018 18:49
 Operator : JU/SJ
 Sample : J5066-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-FD01

Quant Time: Sep 28 05:14:24 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

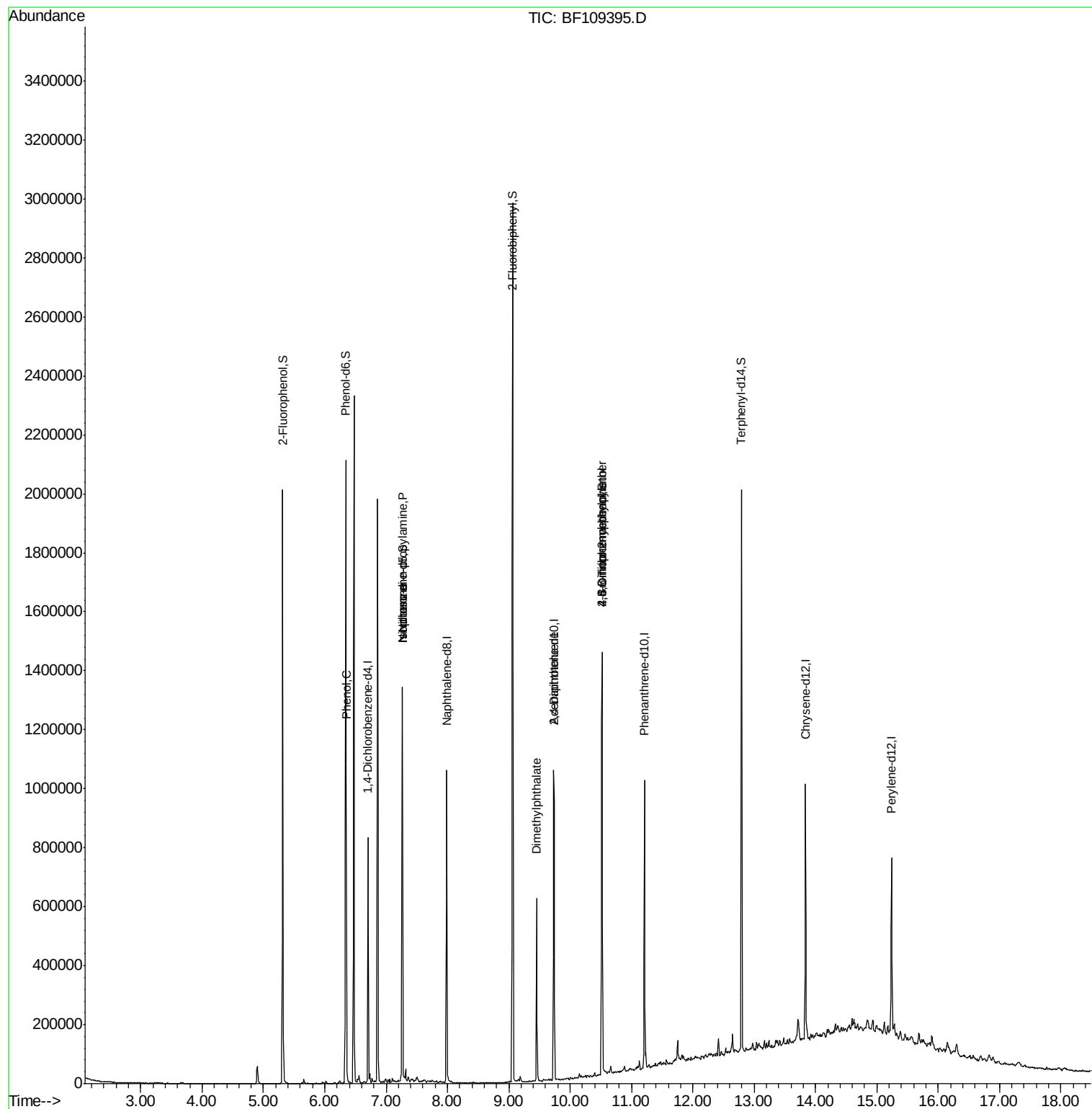
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113604	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	440680	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	209432	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	361072	20.00	ng	0.00
75) Chrysene-d12	13.84	240	268859	20.00	ng	0.00
86) Perylene-d12	15.24	264	277263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	565088	81.93	ng	0.00
7) Phenol-d6	6.35	99	732990	83.28	ng	-0.01
23) Nitrobenzene-d5	7.27	82	468593	62.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	172003	83.31	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	855064	61.58	ng	-0.01
78) Terphenyl-d14	12.79	244	678683	61.95	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27692	2.778	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	65906	11.428	ng	# 76
25) Isophorone	7.27	82	439501	32.694	ng	# 64
49) Dimethylphthalate	9.46	163	242255	15.904	ng	98
56) 2,4-Dinitrotoluene	9.73	165	27763	7.273	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	293	6.695	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10683	2.664	ng	# 1

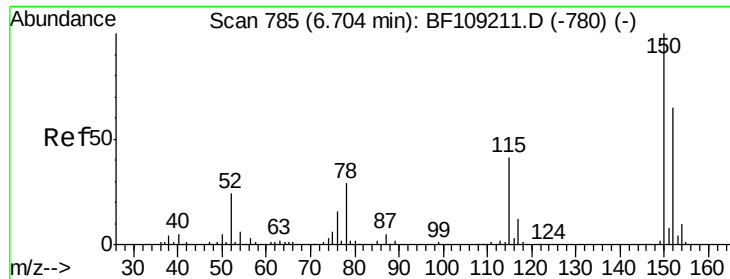
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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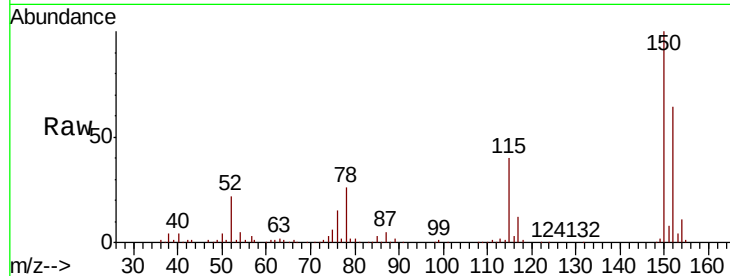




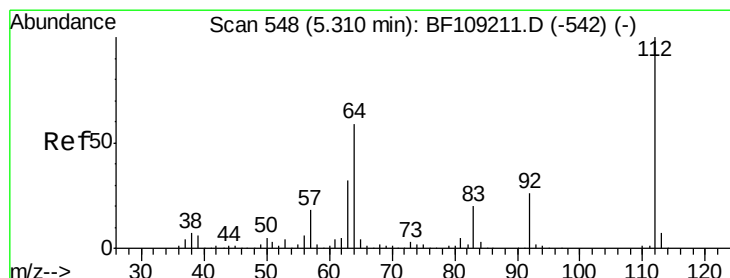
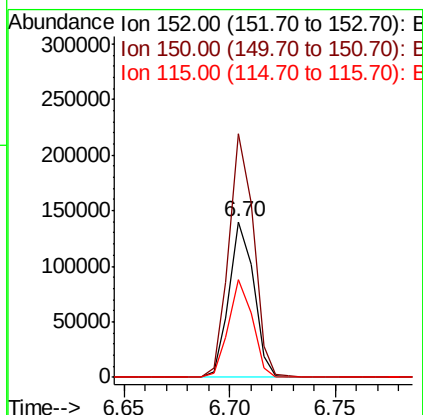
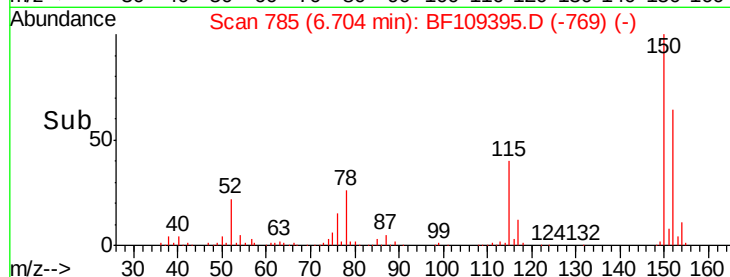
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-FD01

Tgt Ion:152 Resp: 113604
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 62.5 50.1 75.1

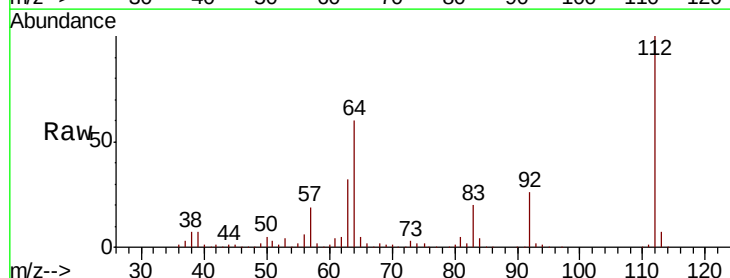


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

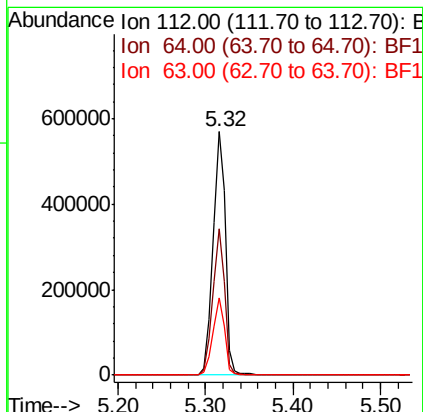
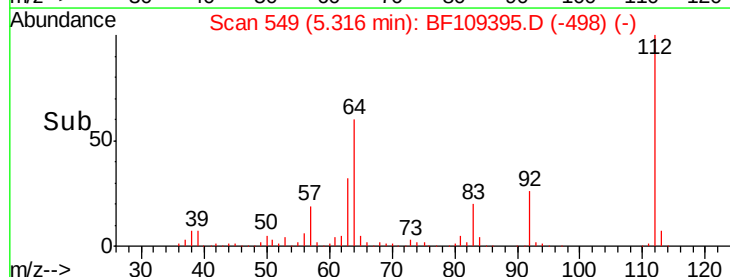


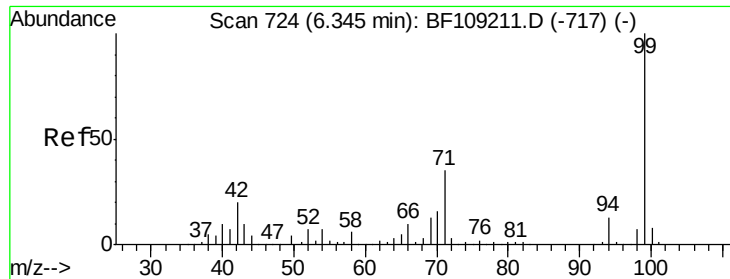
#5
 2-Fluorophenol
 Concen: 81.929 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

Tgt Ion:112 Resp: 565088
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.9 71.9
 63 31.6 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: 83.283 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

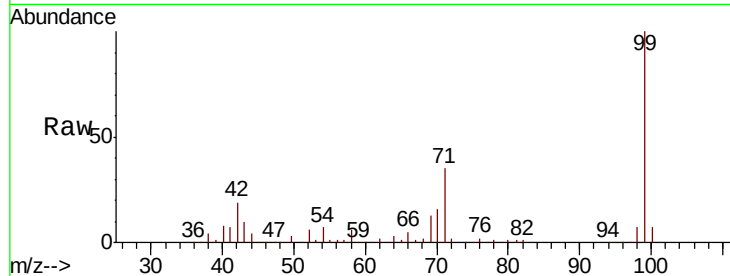
Tgt Ion: 99 Resp: 732990

Ion Ratio Lower Upper

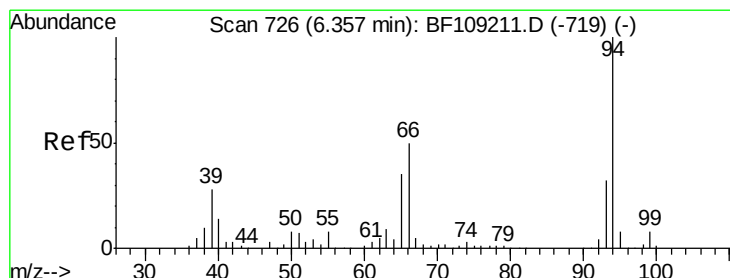
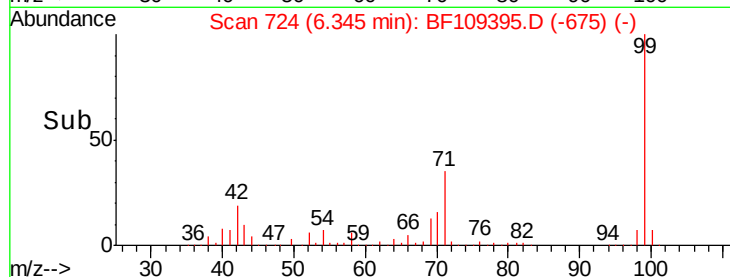
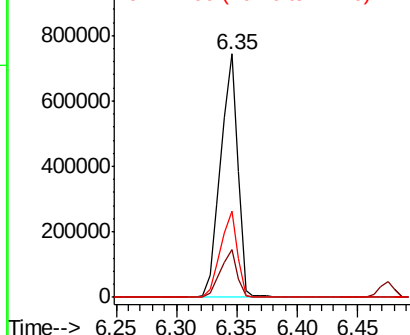
99 100

42 19.4 14.5 21.7

71 35.4 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: 2.778 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

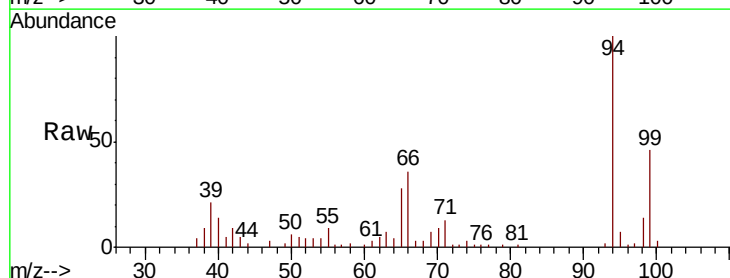
Tgt Ion: 94 Resp: 27692

Ion Ratio Lower Upper

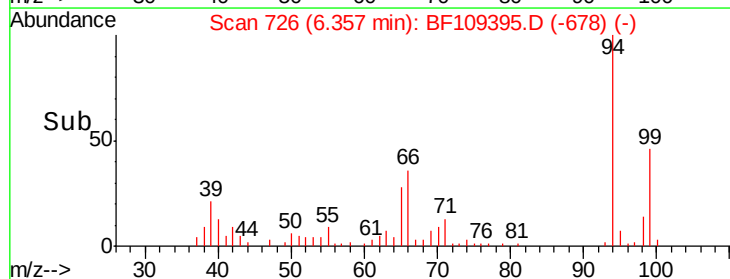
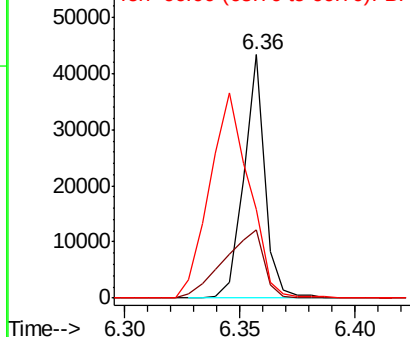
94 100

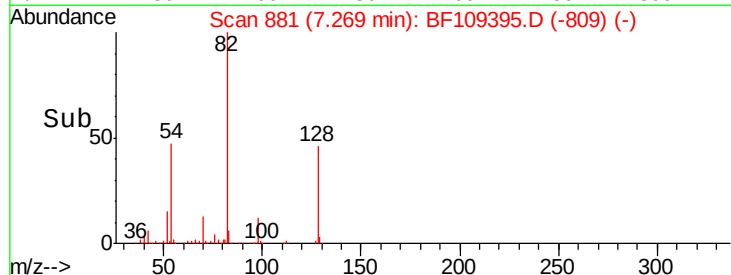
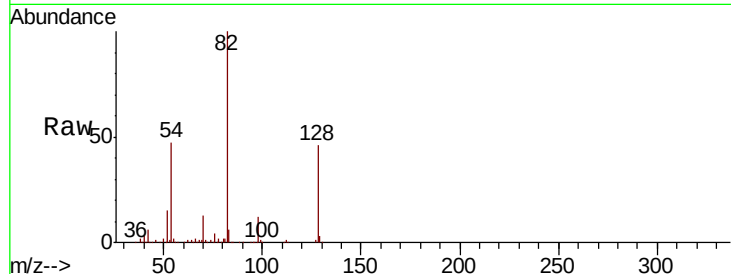
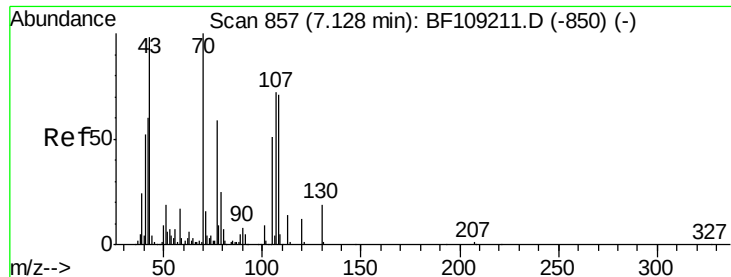
65 28.0 7.9 47.9

66 36.4 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

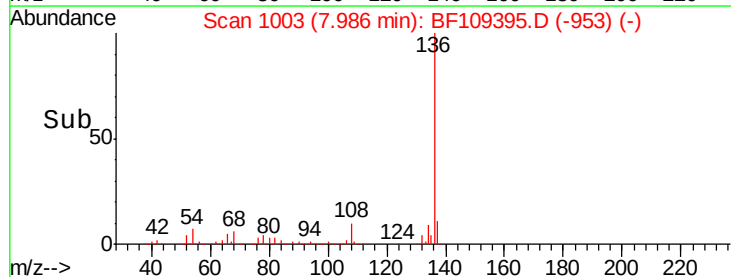
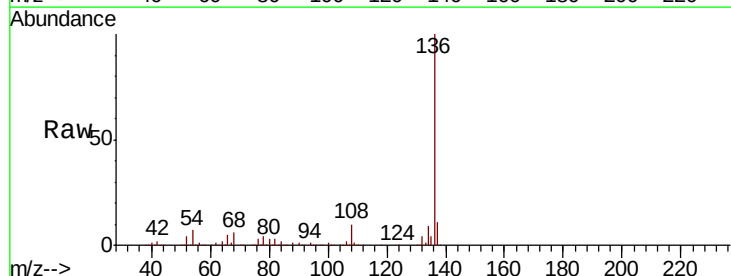
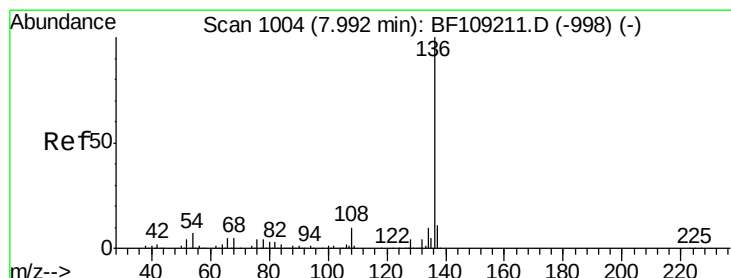
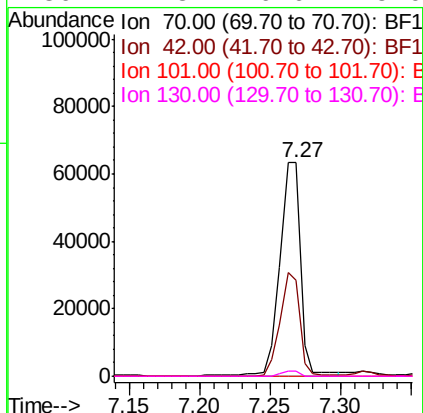




#19
n-Nitroso-di-n-propylamine
Concen: 11.428 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

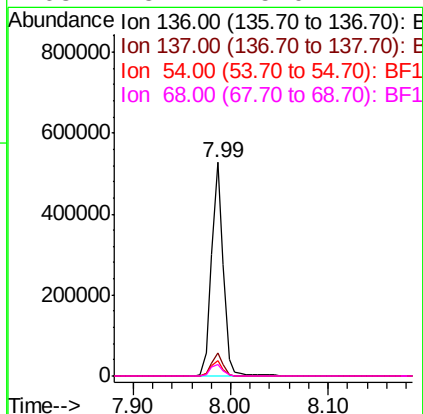
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-FD01

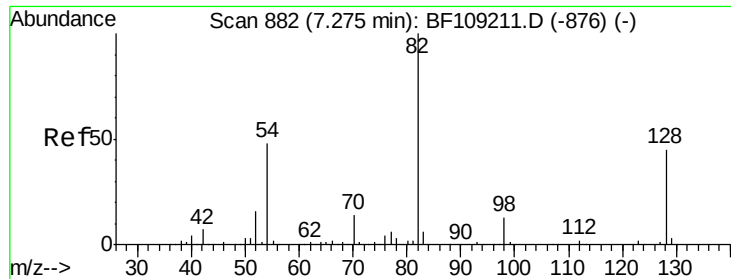
Tgt Ion:	70	Resp:	65906
Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion:	136	Resp:	440680
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4

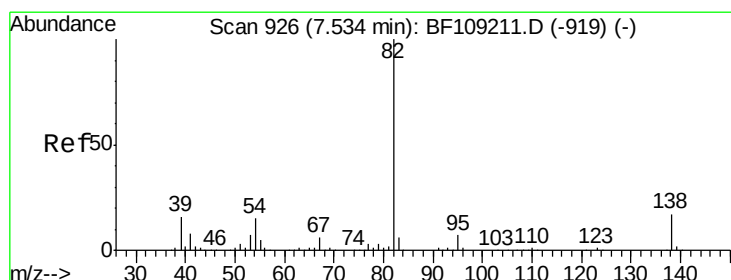
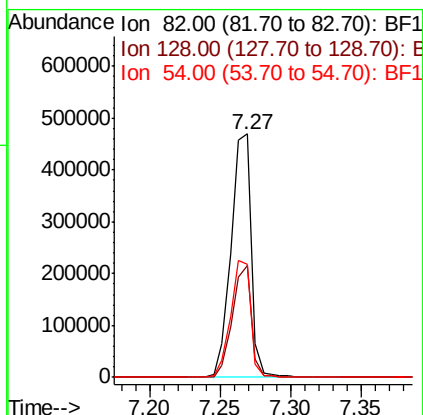
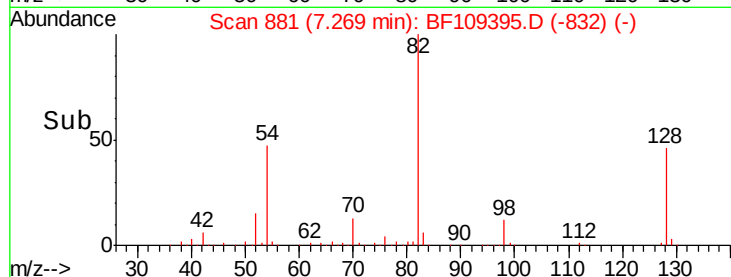
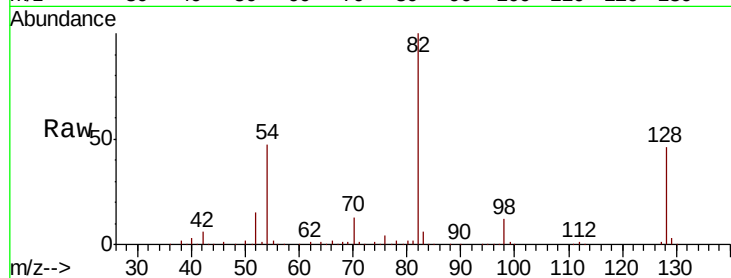




#23
 Nitrobenzene-d5
 Concen: 62.771 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

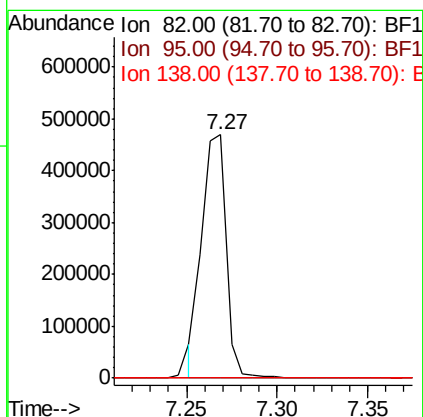
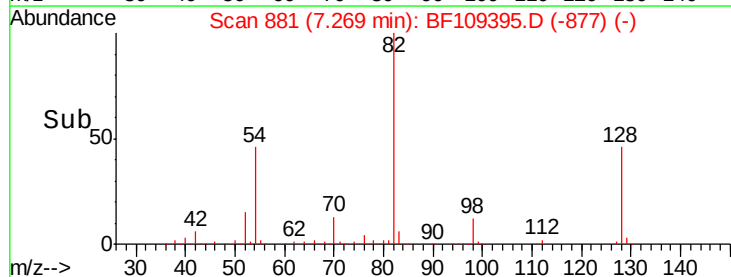
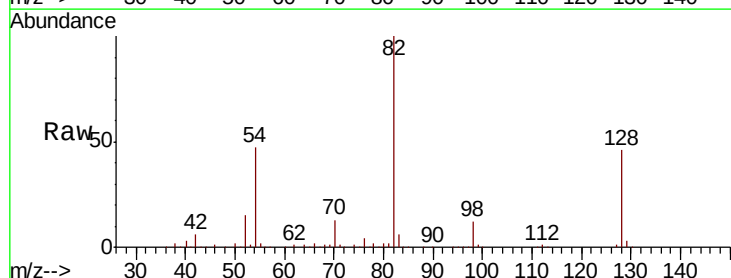
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-FD01

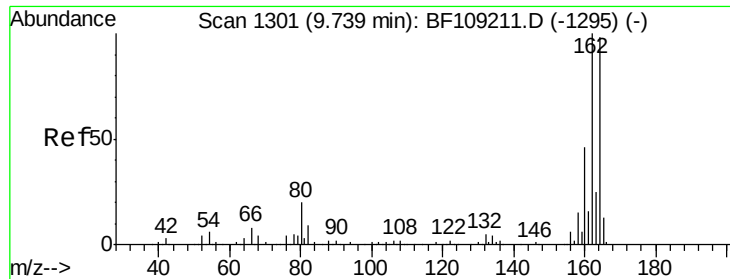
Tgt Ion: 82 Resp: 468593
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 46.6 41.4 62.2



#25
 Isophorone
 Concen: 32.694 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

Tgt Ion: 82 Resp: 439501
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#

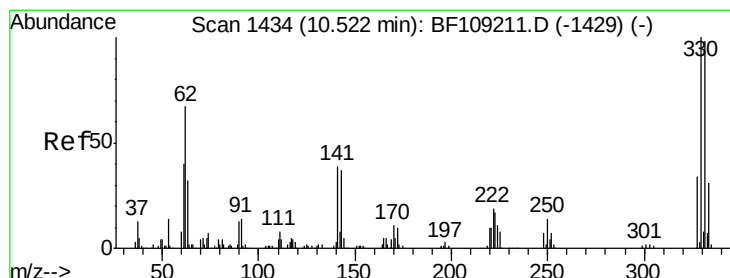
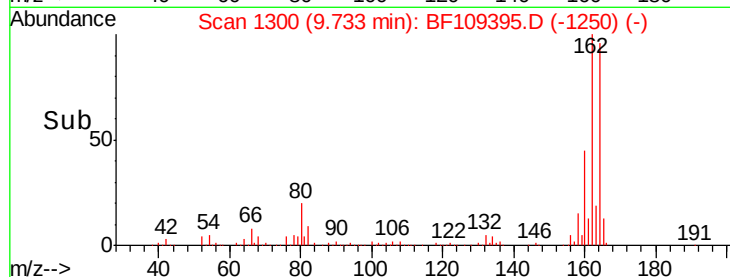
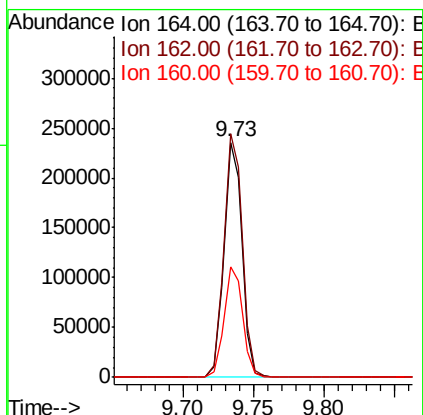
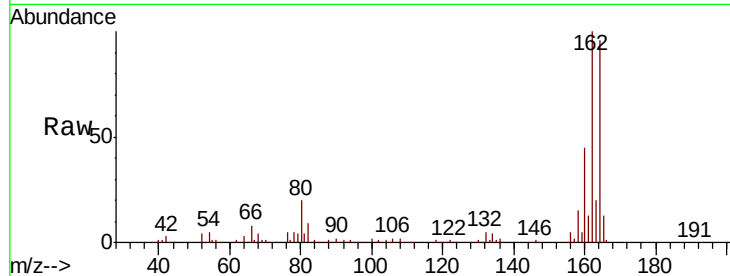




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

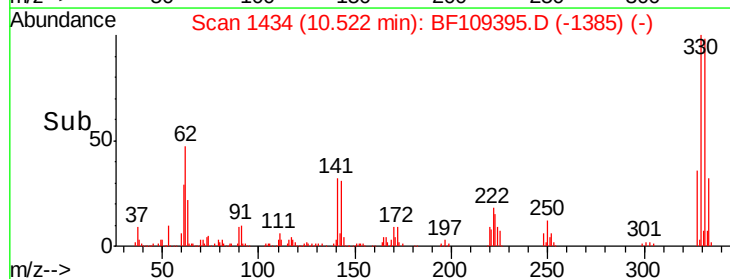
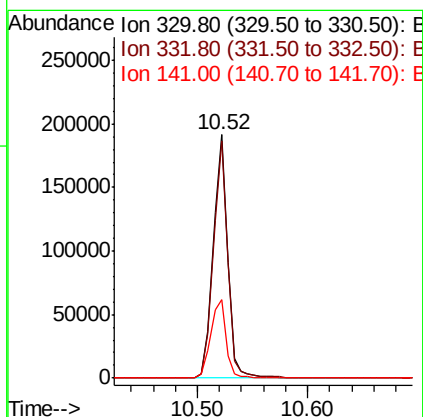
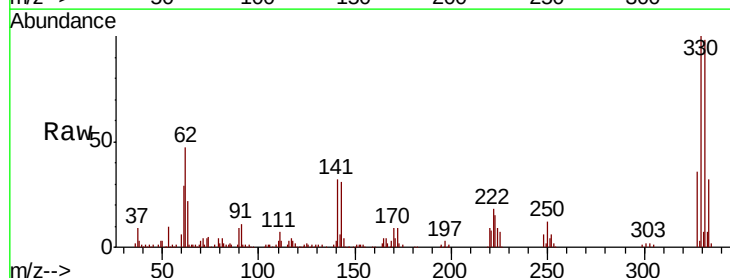
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-FD01

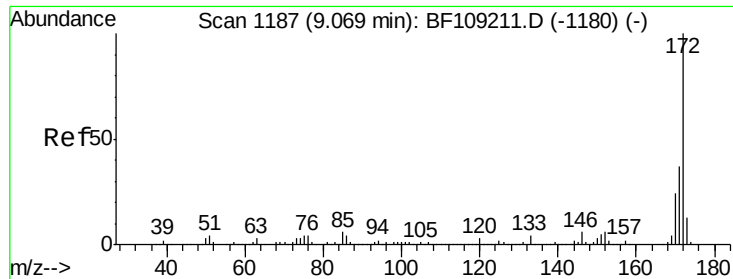
Tgt Ion:164 Resp: 209432
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.312 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

Tgt Ion:330 Resp: 172003
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.6 29.9 44.9

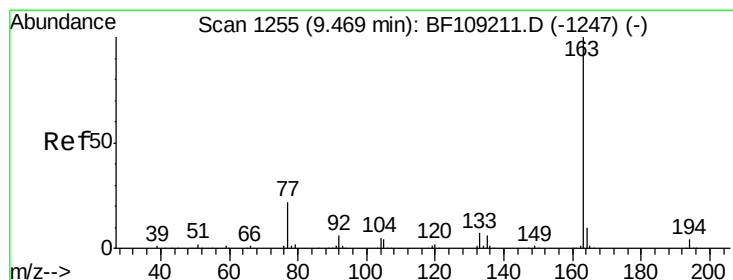
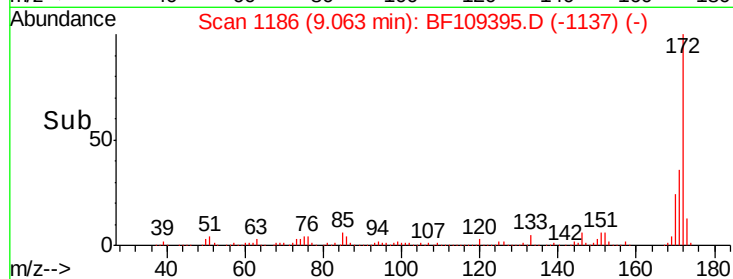
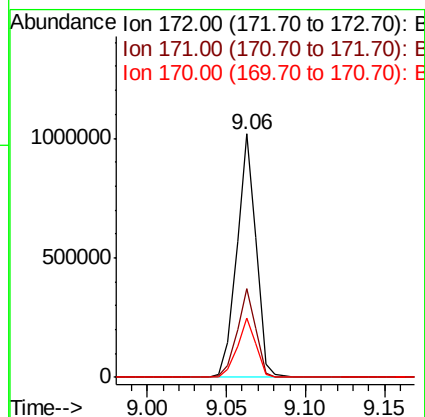
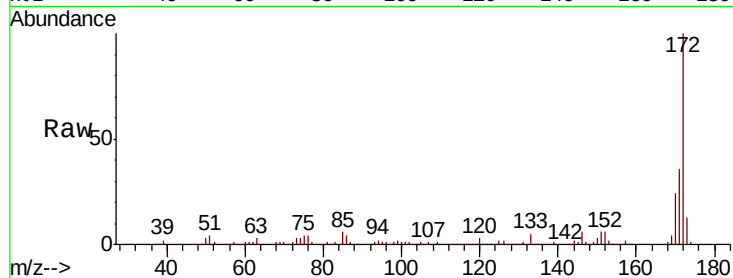




#44
2-Fluorobiphenyl
Concen: 61.576 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

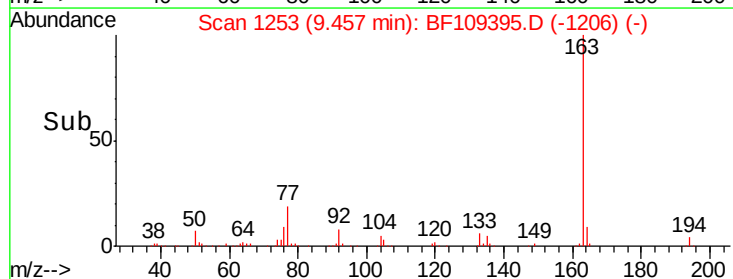
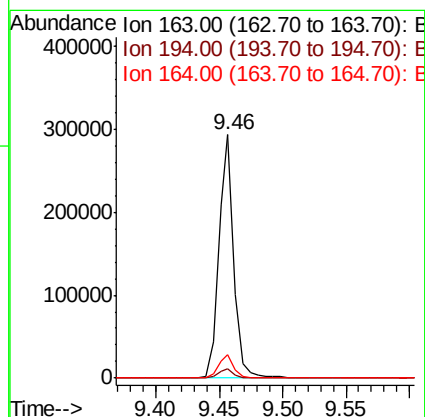
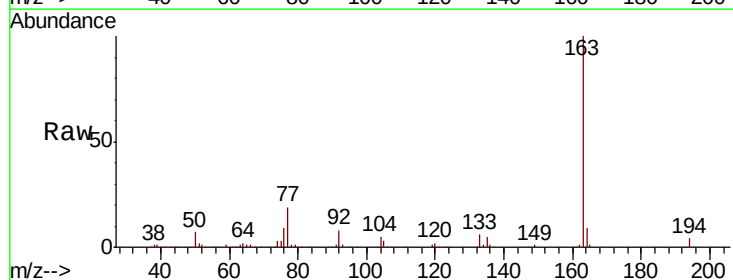
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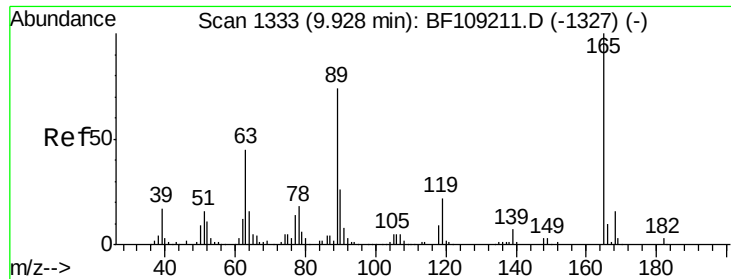
Tgt Ion:172 Resp: 855064
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 15.904 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion:163 Resp: 242255
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 8.2 12.2

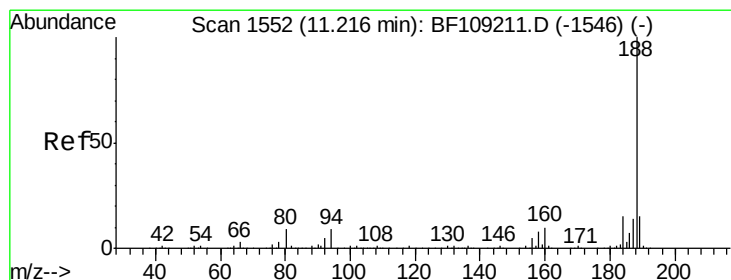
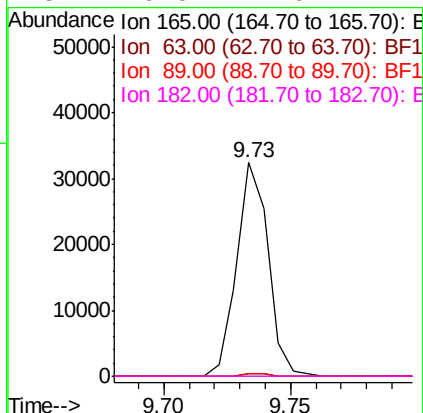
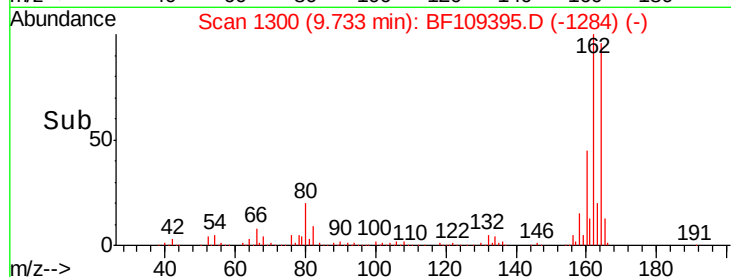
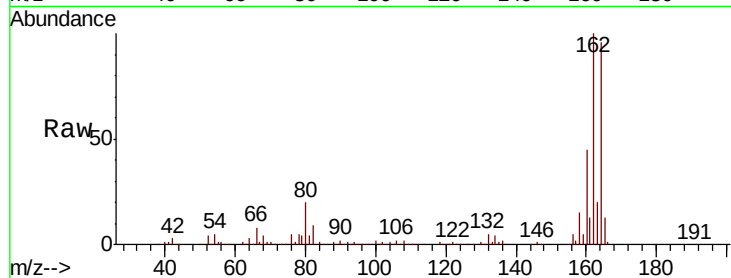




#56
 2,4-Dinitrotoluene
 Concen: 7.273 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

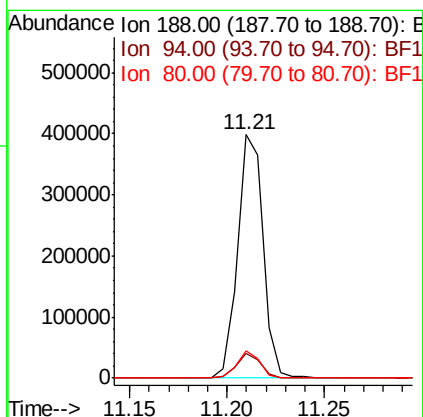
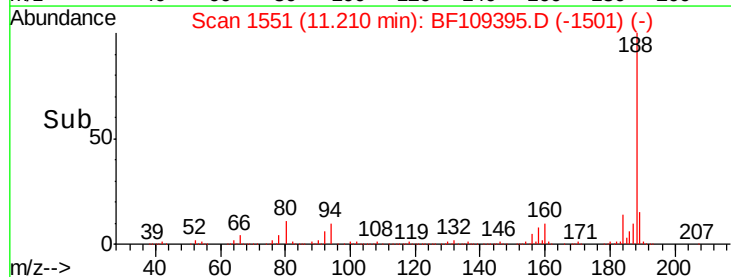
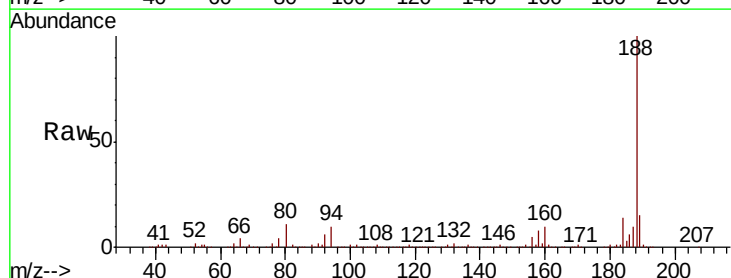
Instrument :
 BNA_F
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 EP1-Q1-FD01

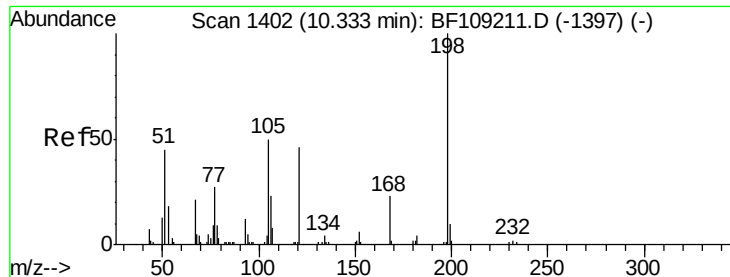
Tgt Ion:	165	Resp:	27763
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109395.D
 Acq: 27 Sep 2018 18:49

Tgt Ion:	188	Resp:	361072
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.695 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

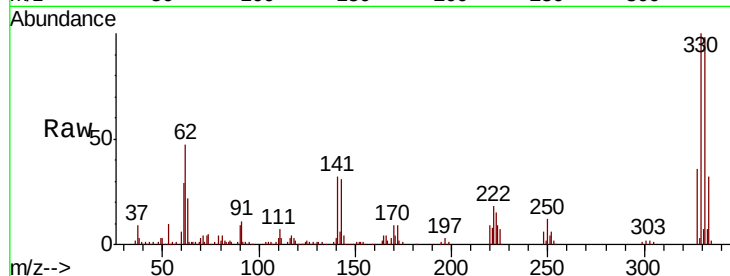
Tgt Ion:198 Resp: 293

Ion Ratio Lower Upper

198 100

51 163.7 37.7 77.7#

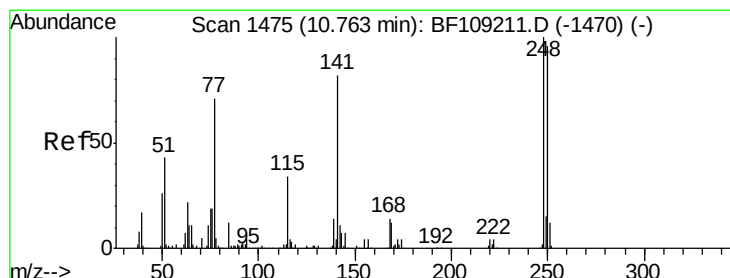
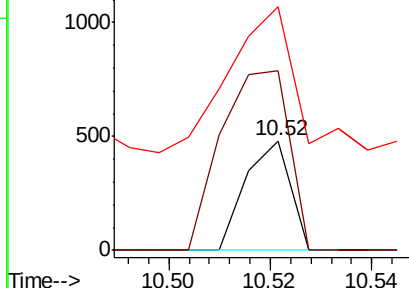
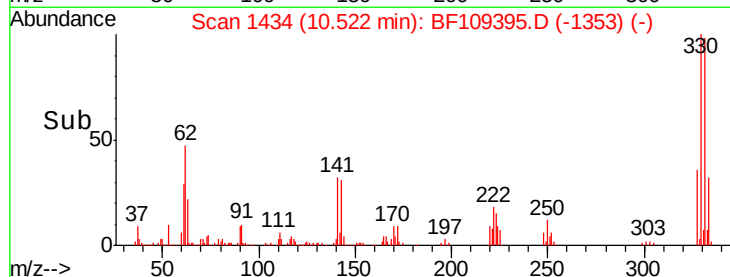
105 221.8 36.3 76.3#



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: 2.664 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

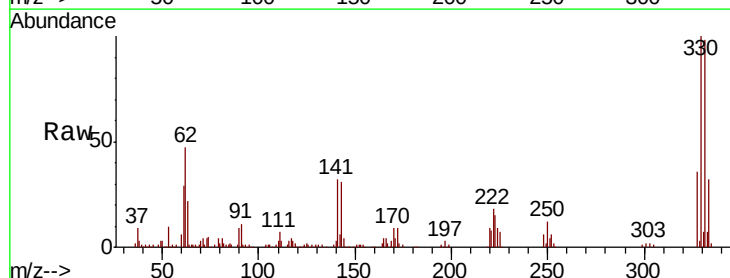
Tgt Ion:248 Resp: 10683

Ion Ratio Lower Upper

248 100

250 187.9 76.9 115.3#

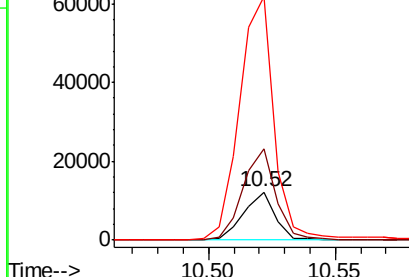
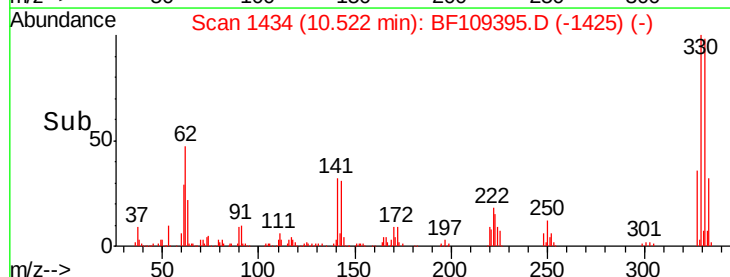
141 503.1 74.4 111.6#

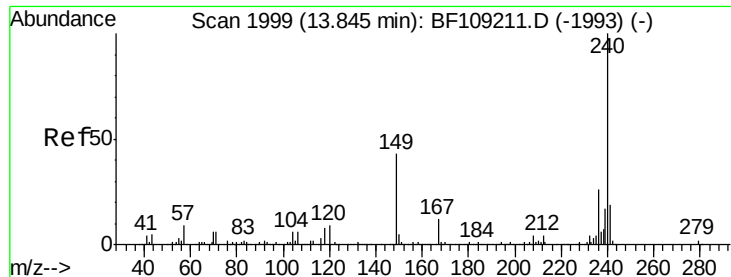


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

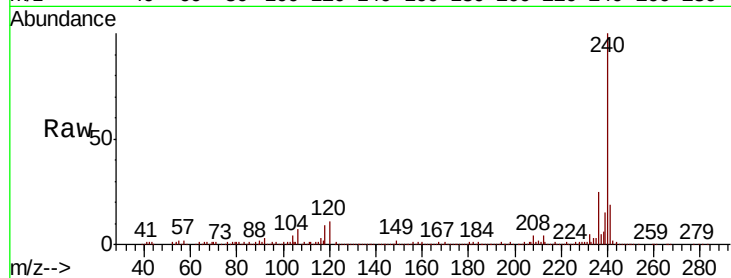
Tgt Ion:240 Resp: 268859

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

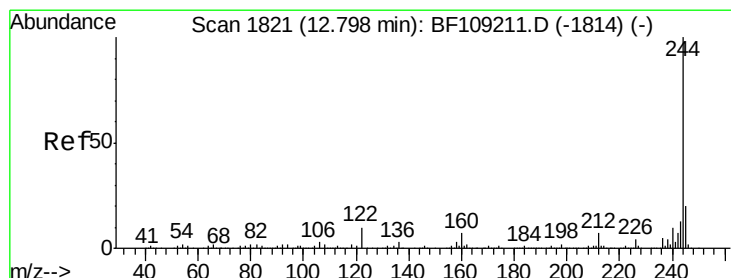
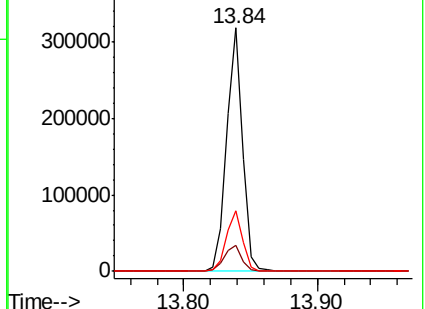
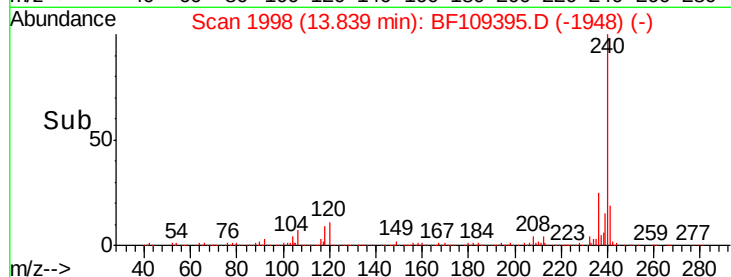
236 25.1 20.7 31.1



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: 61.951 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

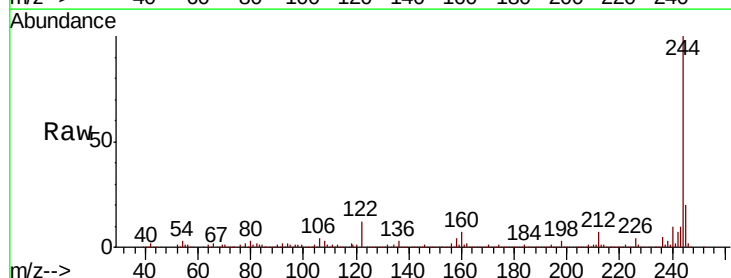
Tgt Ion:244 Resp: 678683

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

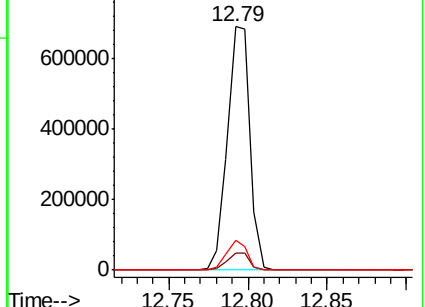
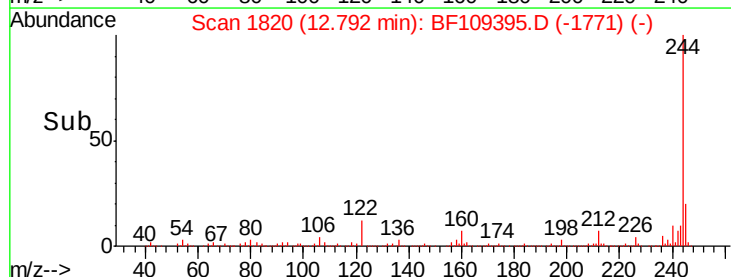
122 12.2 11.0 16.4

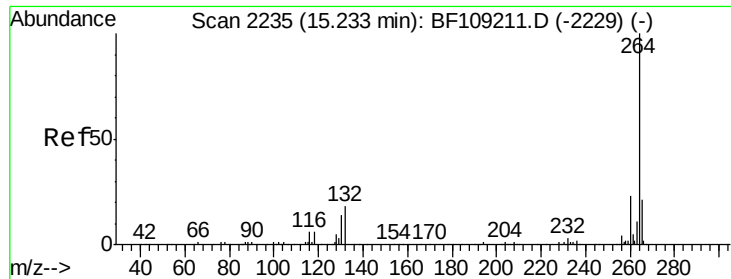


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2237
Delta R.T. 0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-FD01

Tgt Ion: 264 Resp: 277263
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 17.5 26.3

