

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109394.D
 Acq On : 27 Sep 2018 18:23
 Operator : JU/SJ
 Sample : J5066-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-I3

Quant Time: Sep 28 05:14:15 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

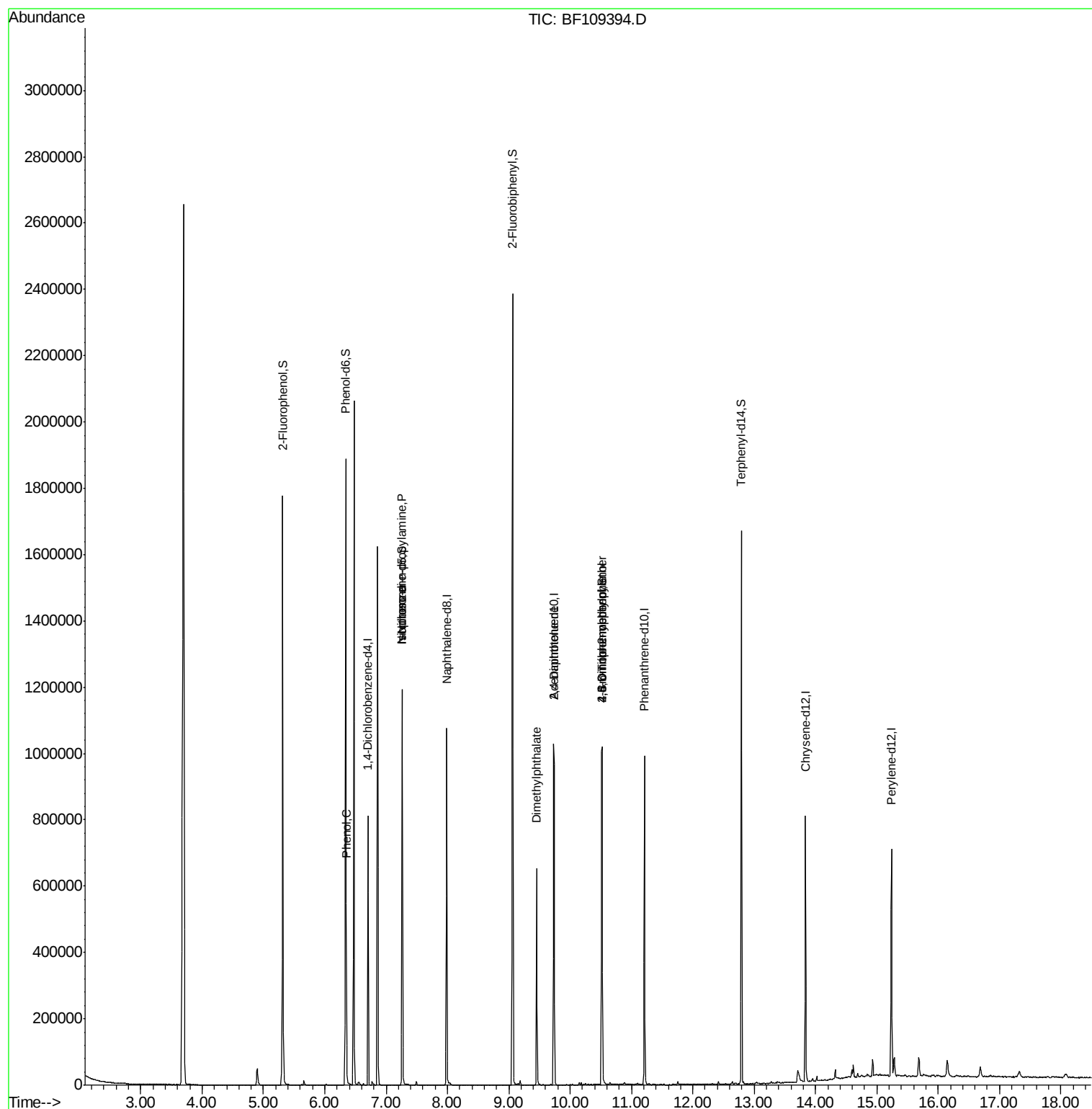
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114313	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	439026	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	208053	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	360980	20.00	ng	0.00
75) Chrysene-d12	13.84	240	275953	20.00	ng	0.00
86) Perylene-d12	15.24	264	299785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	488185	70.34	ng	0.00
7) Phenol-d6	6.35	99	622372	70.28	ng	-0.01
23) Nitrobenzene-d5	7.26	82	393706	52.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	136034	66.33	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	676477	49.04	ng	-0.01
78) Terphenyl-d14	12.79	244	532619	47.37	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	23506	2.344	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	52061	8.971	ng	# 77
25) Isophorone	7.26	82	369563	27.595	ng	# 64
49) Dimethylphthalate	9.46	163	250573	16.559	ng	98
56) 2,4-Dinitrotoluene	9.73	165	26172	6.902	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	229	6.657	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8073	2.014	ng	# 1

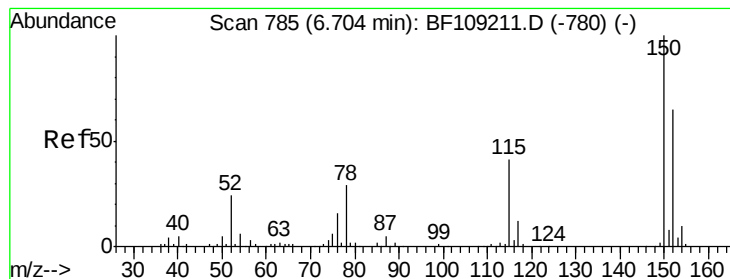
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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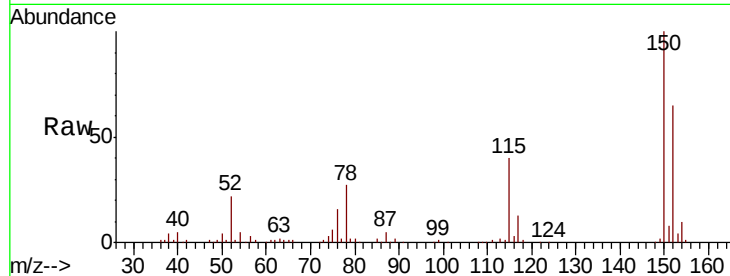


#1

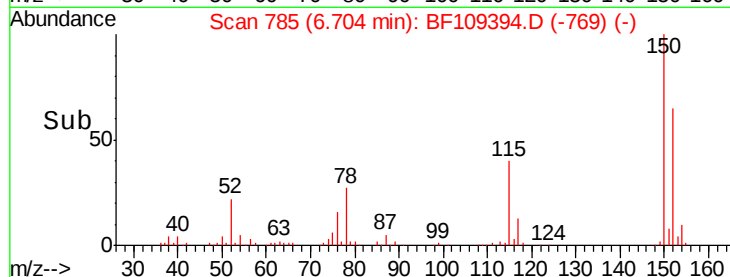
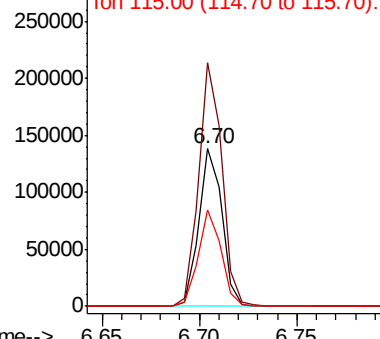
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I3

Tgt Ion:152 Resp: 114313
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.3 50.1 75.1



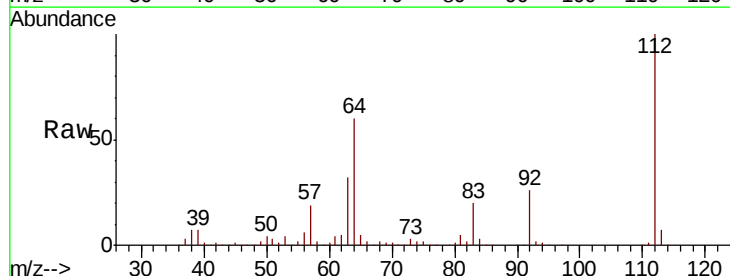
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



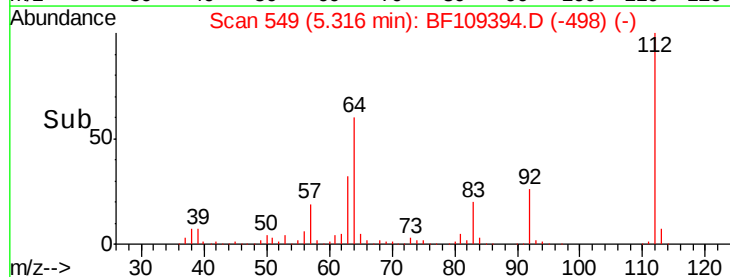
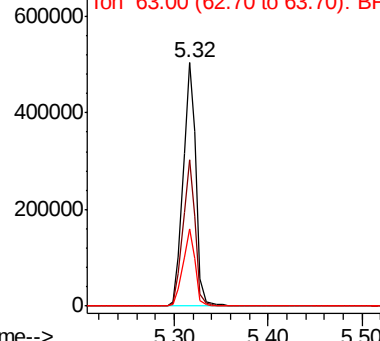
#5

2-Fluorophenol
Concen: 70.340 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

Tgt Ion:112 Resp: 488185
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.8 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: 70.276 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109394.D

Acq: 27 Sep 2018 18:23

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I3

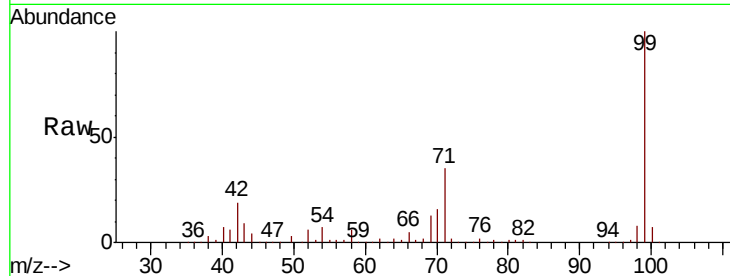
Tgt Ion: 99 Resp: 622372

Ion Ratio Lower Upper

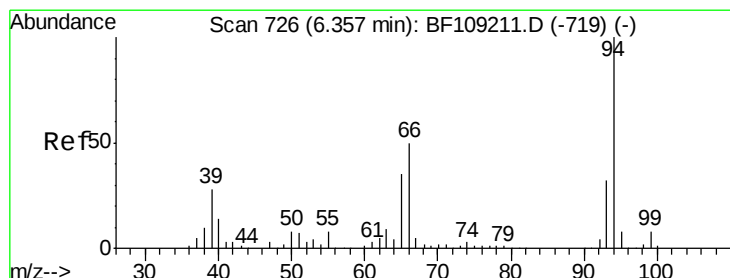
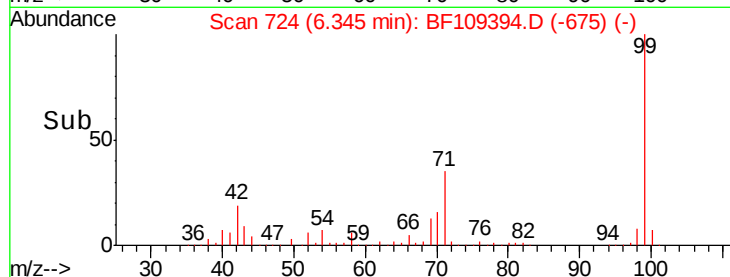
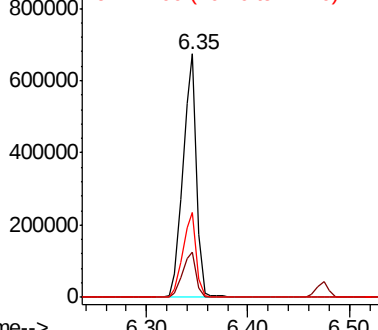
99 100

42 18.6 14.5 21.7

71 35.1 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: 2.344 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109394.D

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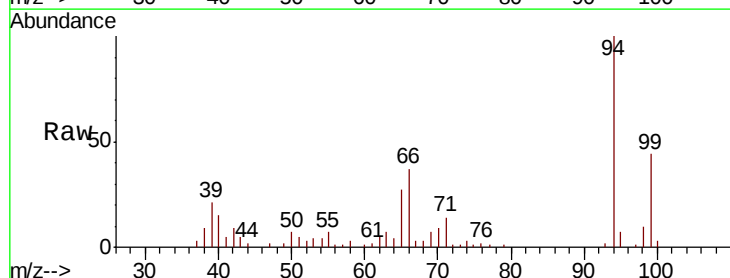
Tgt Ion: 94 Resp: 23506

Ion Ratio Lower Upper

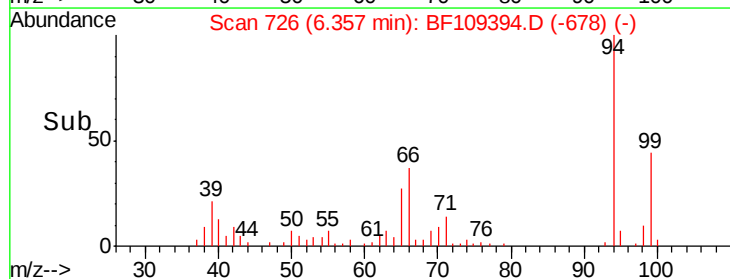
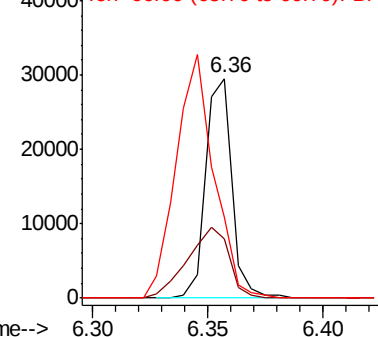
94 100

65 27.0 7.9 47.9

66 37.1 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

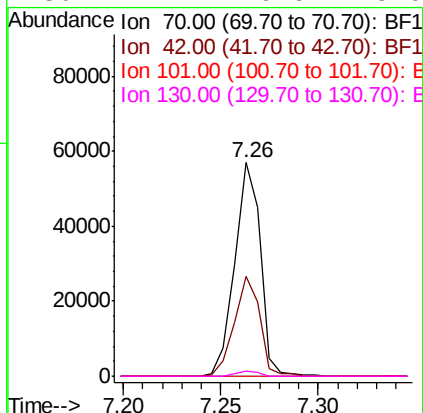
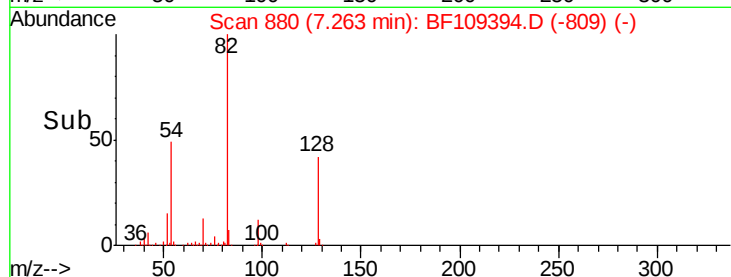
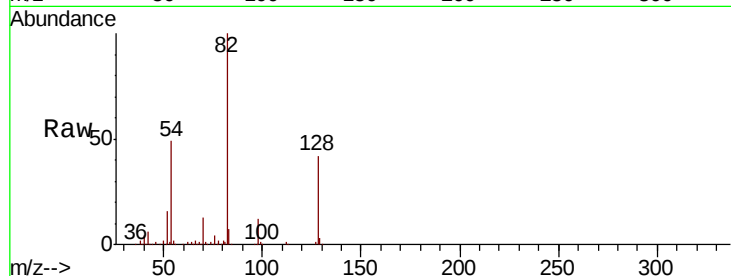




#19
n-Nitroso-di-n-propylamine
Concen: 8.971 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

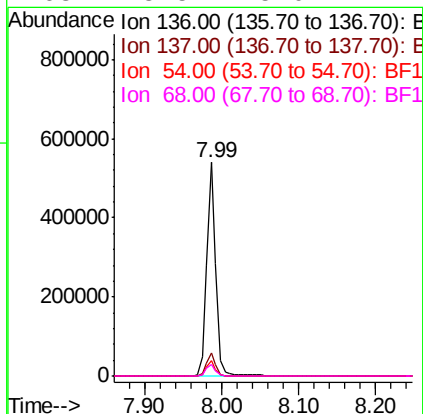
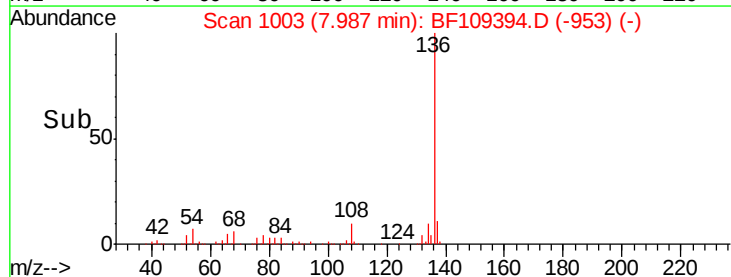
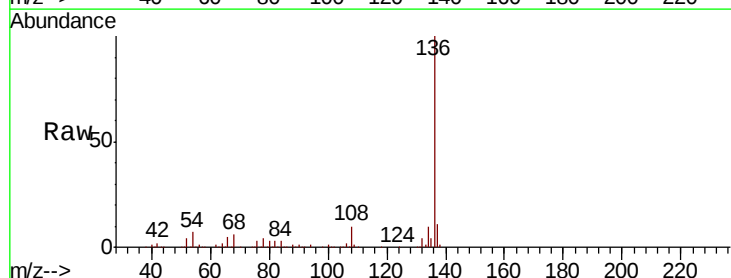
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I3

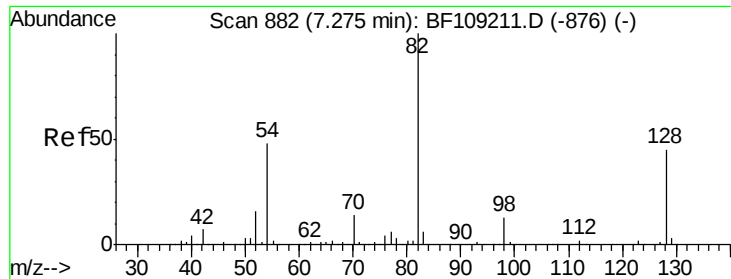
Tgt Ion: 70 Resp: 52061
Ion Ratio Lower Upper
70 100
42 46.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

Tgt Ion: 136 Resp: 439026
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.6 9.8
68 5.5 5.0 7.4

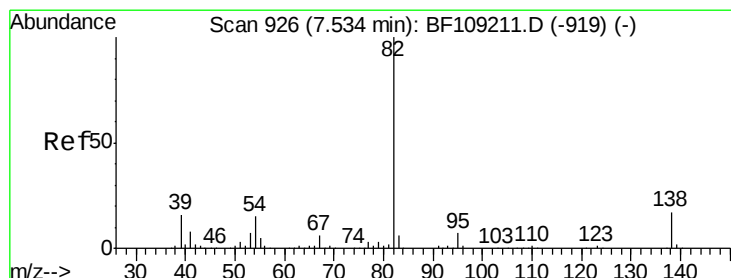
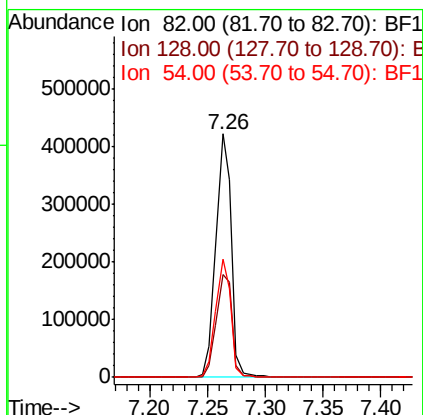
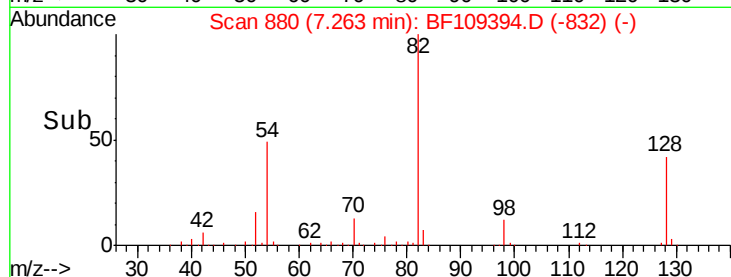
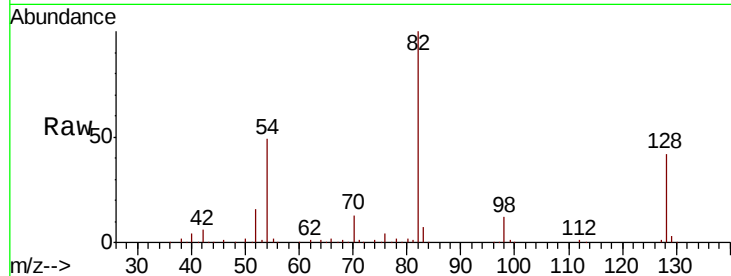




#23
 Nitrobenzene-d5
 Concen: 52.938 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

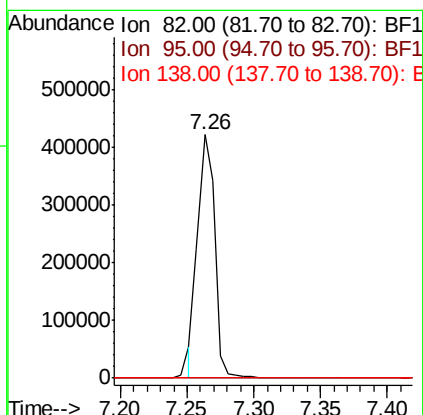
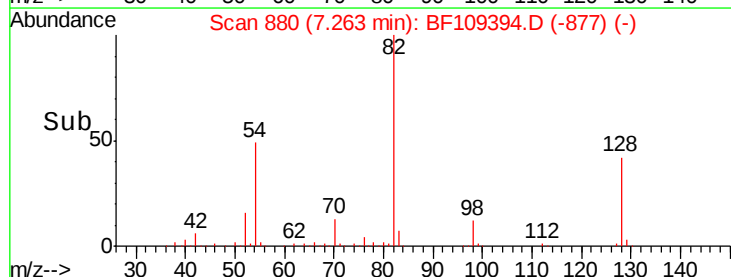
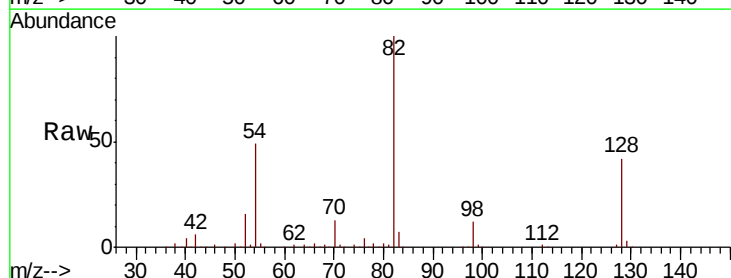
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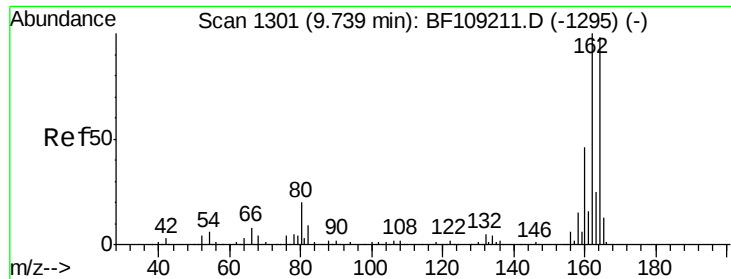
Tgt Ion: 82 Resp: 393706
 Ion Ratio Lower Upper
 82 100
 128 42.1 36.1 54.1
 54 48.7 41.4 62.2



#25
 Isophorone
 Concen: 27.595 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

Tgt Ion: 82 Resp: 369563
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

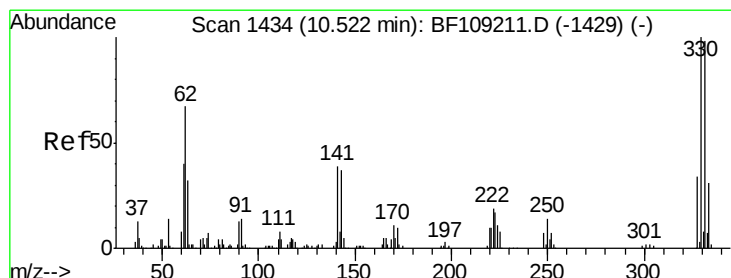
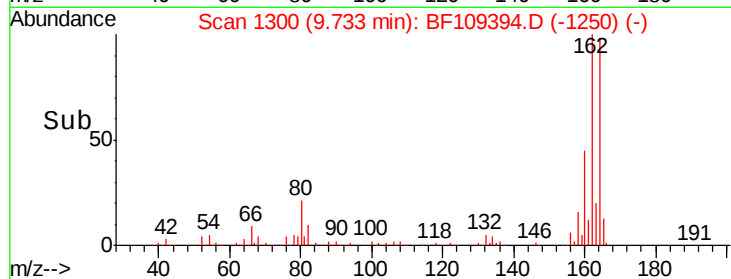
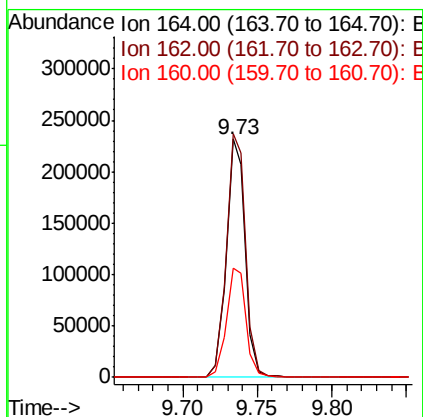
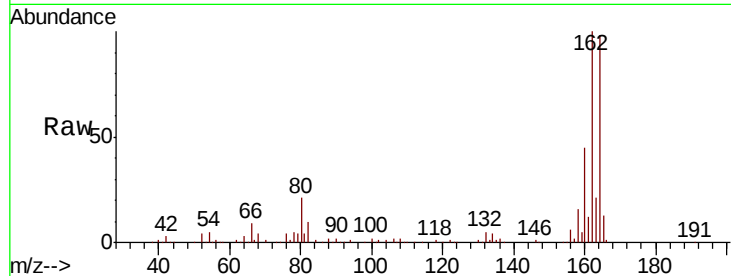




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

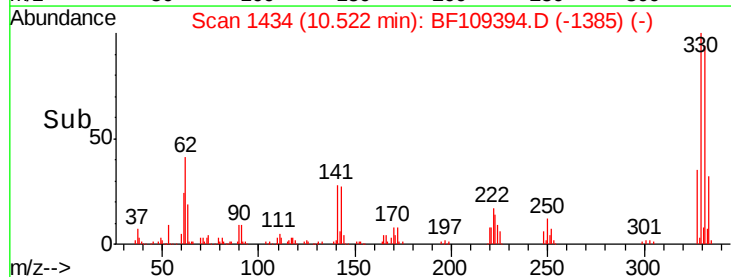
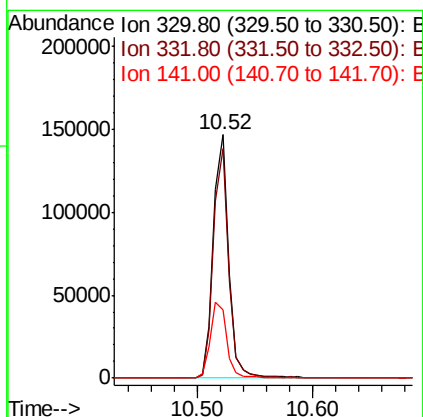
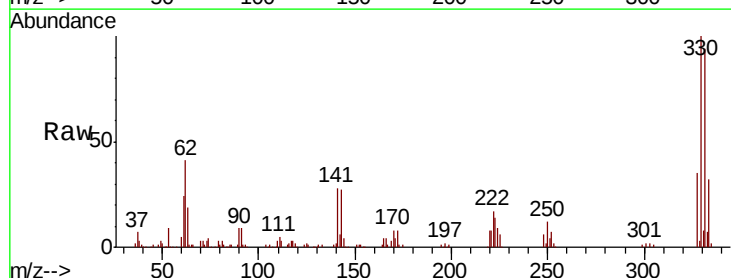
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 ClientSampleId :
 EP1-Q1-I3

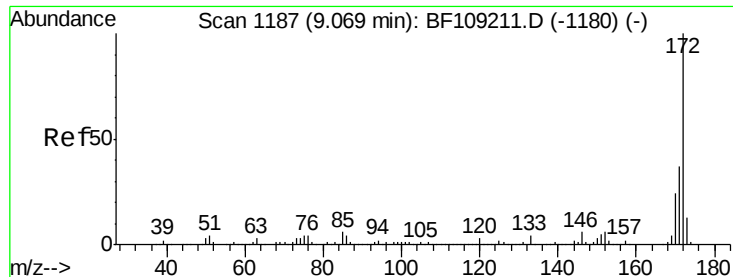
Tgt Ion:164 Resp: 208053
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 66.327 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

Tgt Ion:330 Resp: 136034
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.9 29.9 44.9

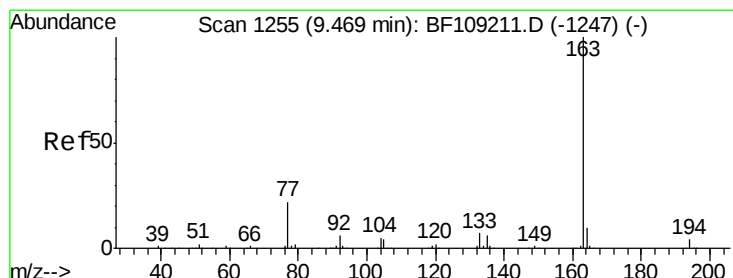
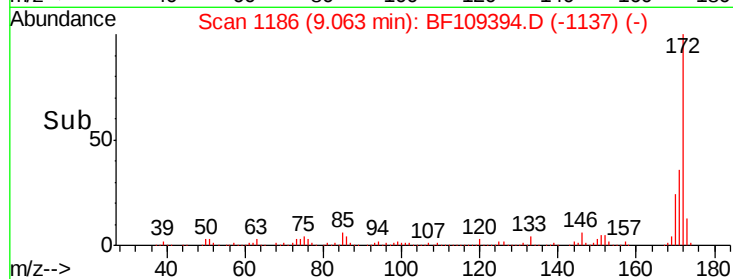
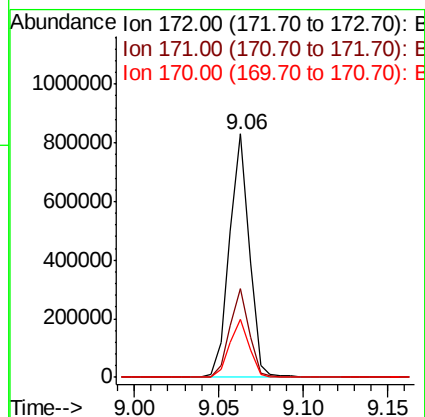
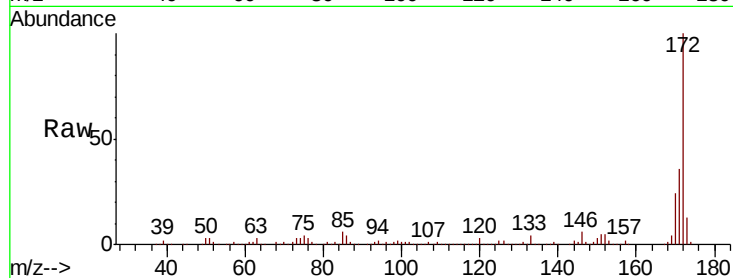




#44
2-Fluorobiphenyl
Concen: 49.038 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

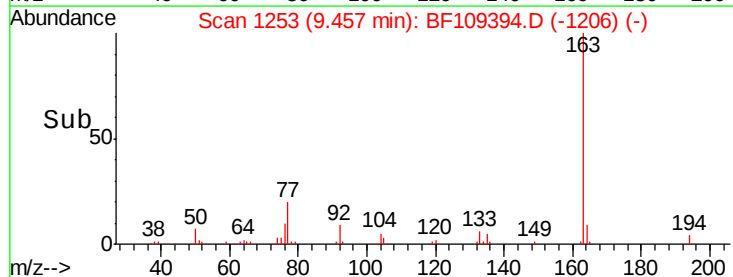
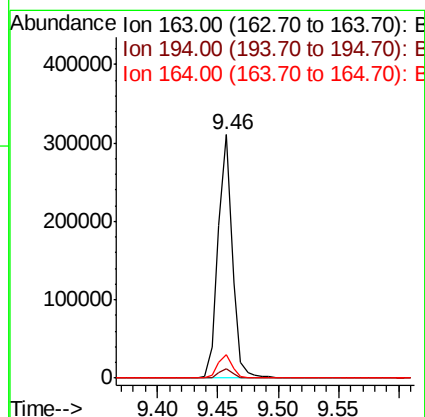
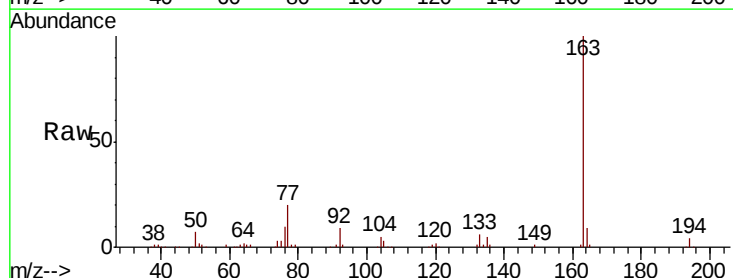
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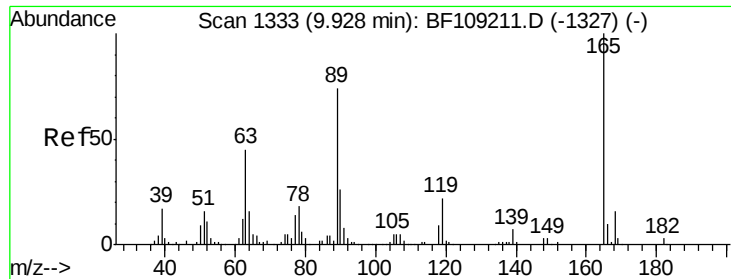
Tgt Ion:172 Resp: 676477
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 16.559 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109394.D
Acq: 27 Sep 2018 18:23

Tgt Ion:163 Resp: 250573
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 8.2 12.2

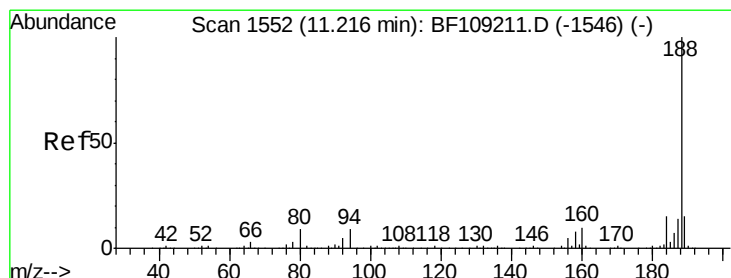
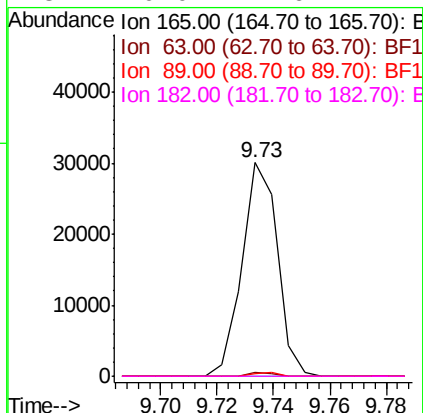
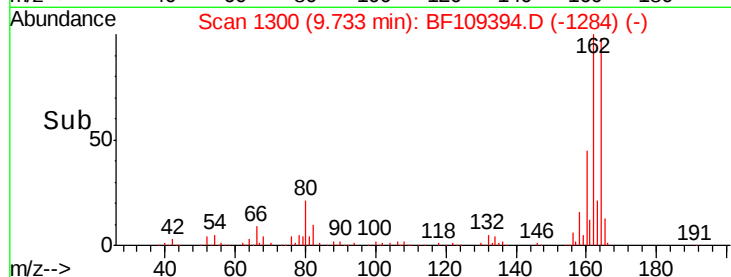
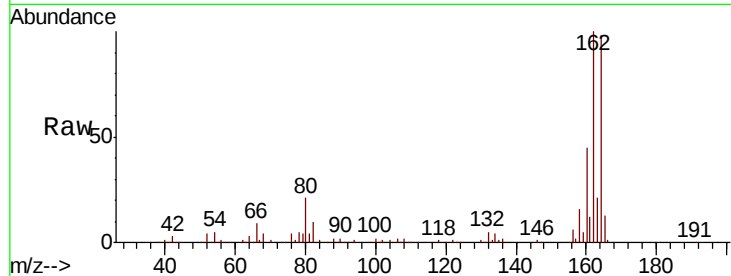




#56
 2,4-Dinitrotoluene
 Concen: 6.902 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

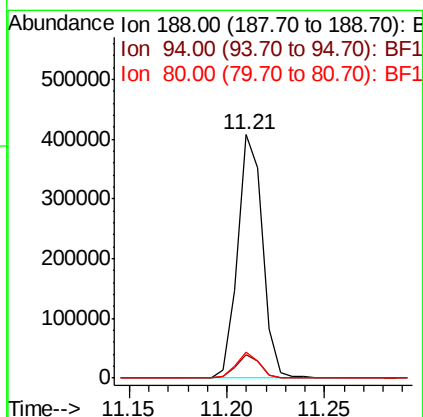
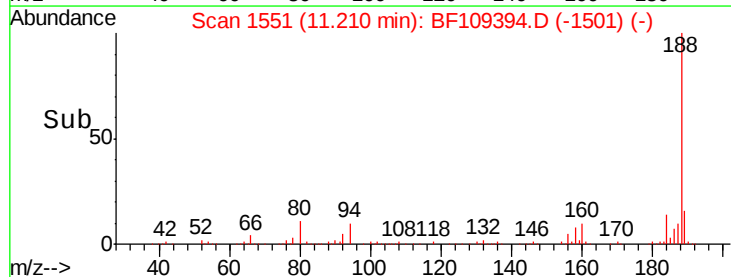
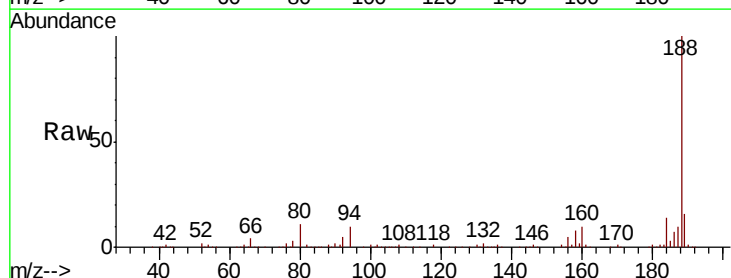
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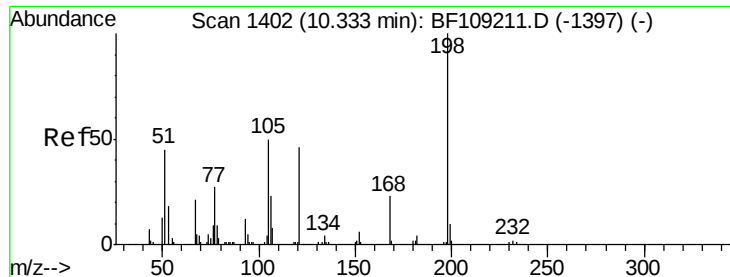
Tgt Ion:	165	Resp:	26172
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

Tgt Ion:	188	Resp:	360980
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8

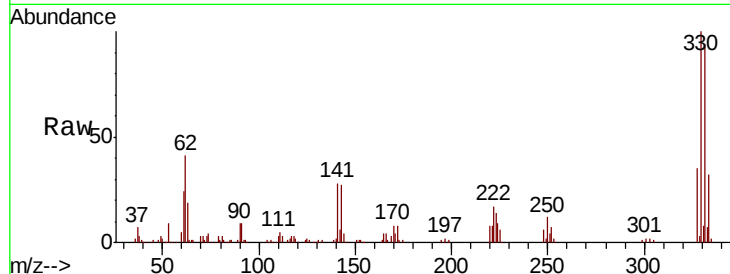




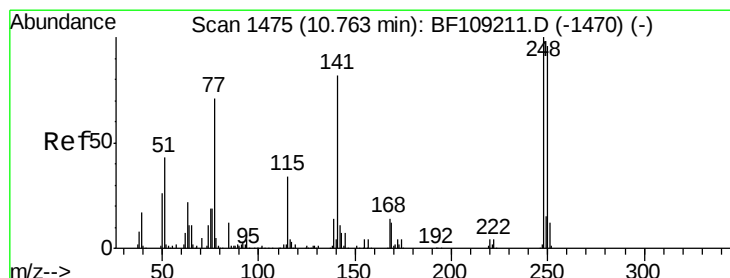
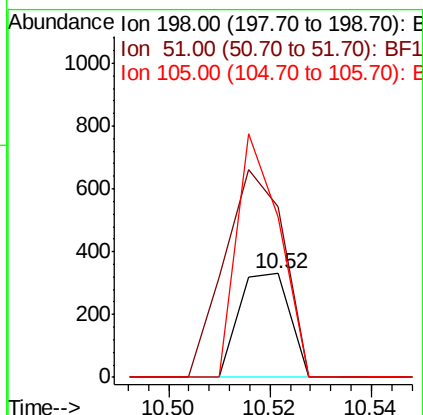
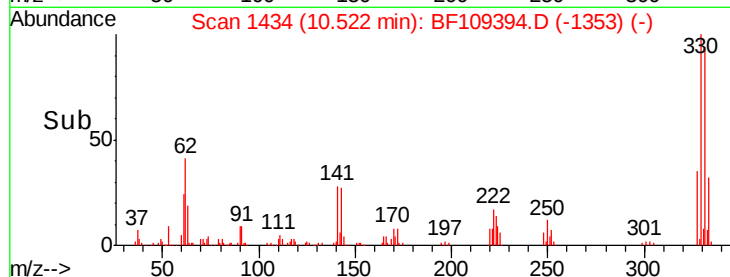
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.657 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-I3

Tgt Ion:198 Resp: 229
 Ion Ratio Lower Upper
 198 100
 51 164.7 37.7 77.7#
 105 154.7 36.3 76.3#

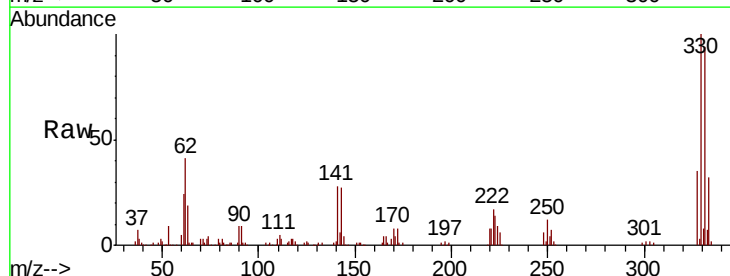


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

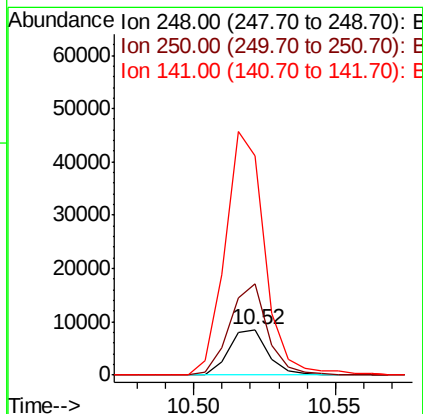
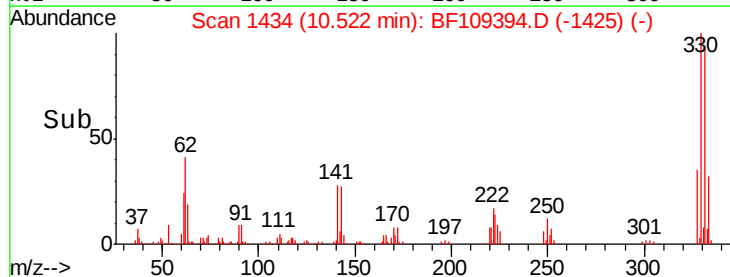


#66
 4-Bromophenyl-phenylether
 Concen: 2.014 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109394.D
 Acq: 27 Sep 2018 18:23

Tgt Ion:248 Resp: 8073
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 485.2 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: BF109394.D

Acq: 27 Sep 2018 18:23

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I3

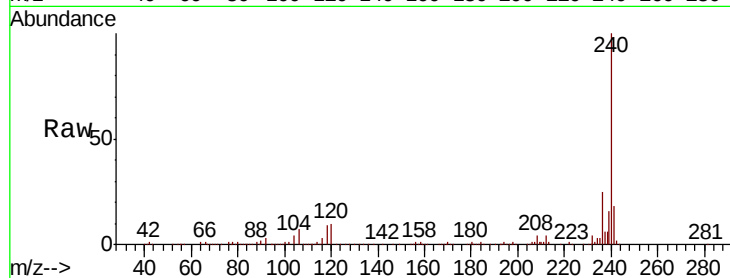
Tgt Ion:240 Resp: 275953

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

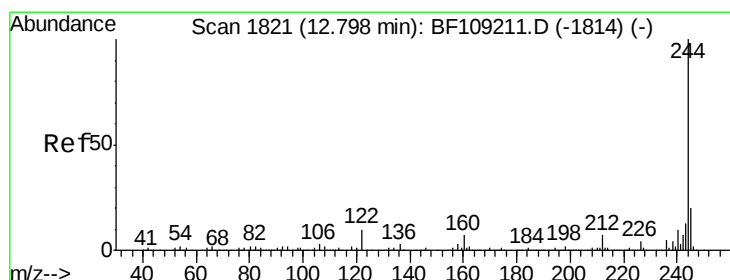
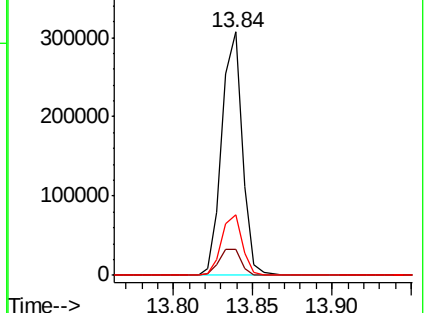
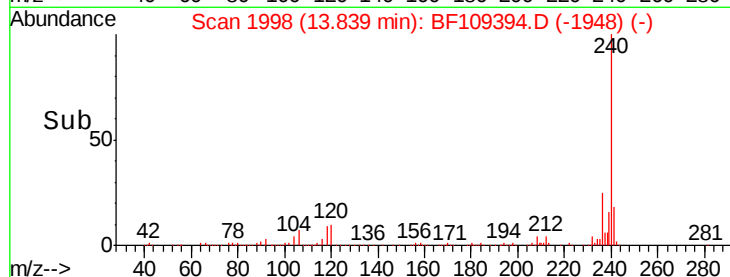
236 25.0 20.7 31.1



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: 47.368 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109394.D

Acq: 27 Sep 2018 18:23

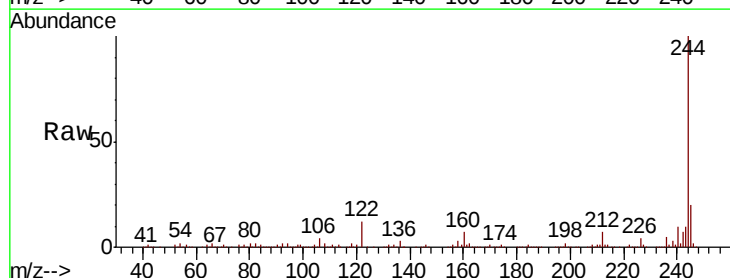
Tgt Ion:244 Resp: 532619

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

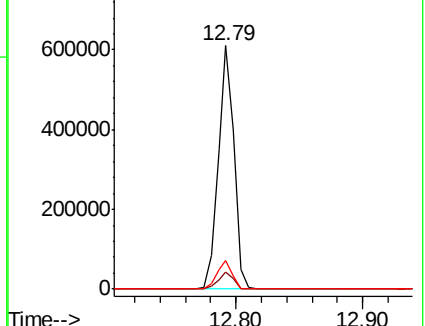
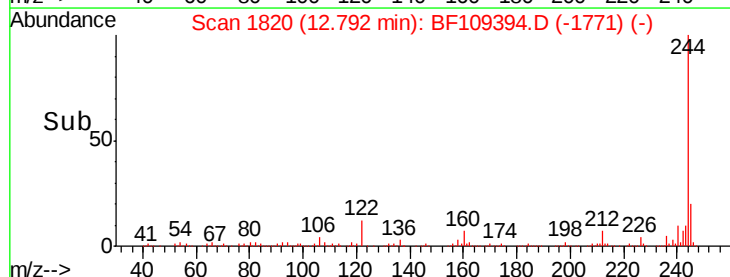
122 11.6 11.0 16.4

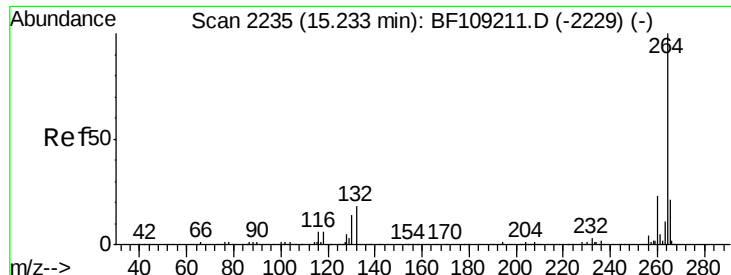


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109394.D
Acq: 27 Sep 2018 18:23

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

