

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109447.D
 Acq On : 28 Sep 2018 22:56
 Operator : JU/SJ
 Sample : J5148-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-1

Quant Time: Sep 29 02:14:41 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	101157	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	346938	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	139040	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247982	20.00	ng	0.00
75) Chrysene-d12	13.84	240	191010	20.00	ng	0.00
86) Perylene-d12	15.25	264	150918	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	293004	47.71	ng	0.00
7) Phenol-d6	6.35	99	218613	27.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	468687	79.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	149334	108.95	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	783643	85.00	ng	0.00
78) Terphenyl-d14	12.80	244	663598	85.26	ng	0.00

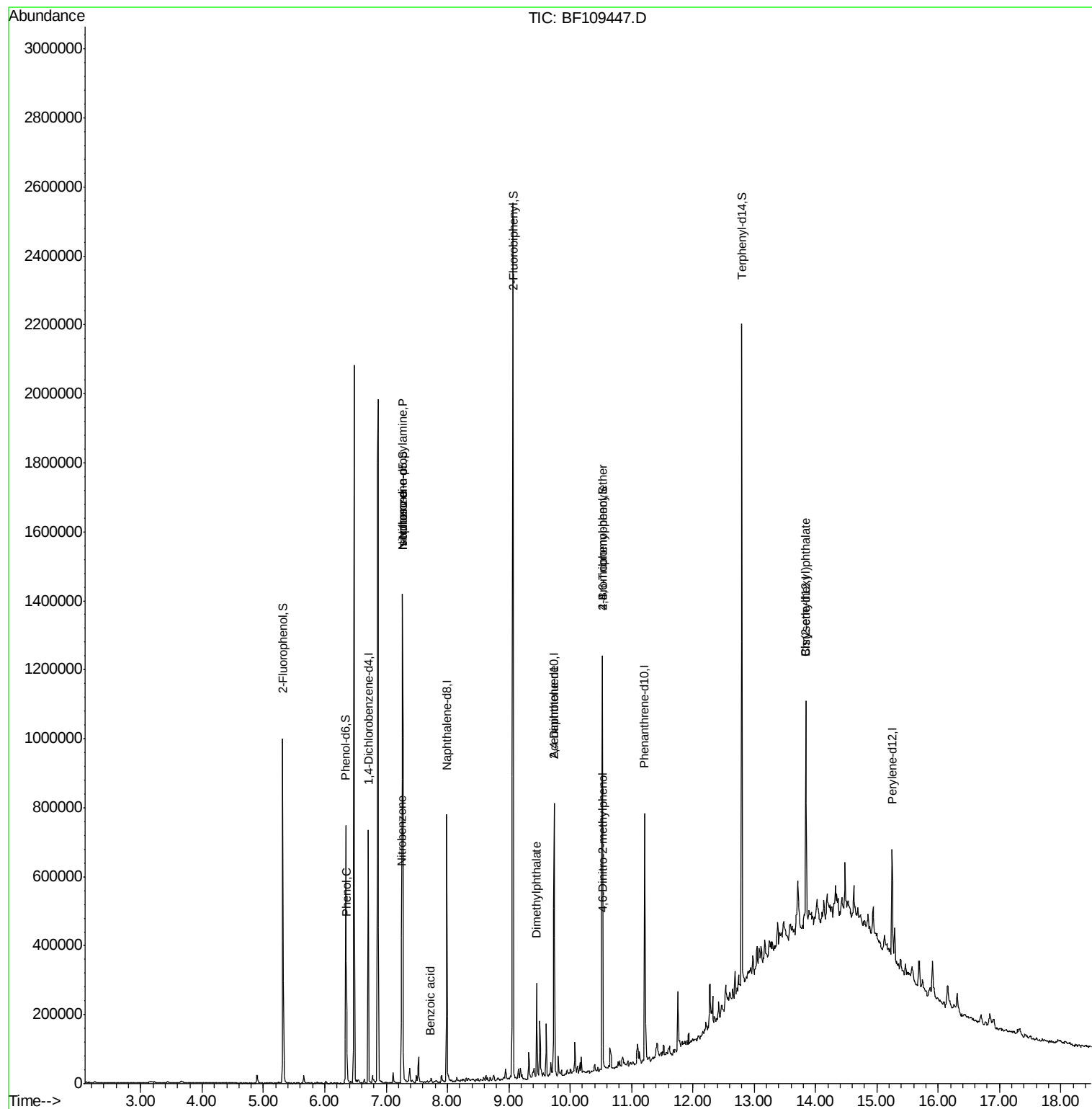
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	40678	4.583	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	63182	12.304	ng	# 79
24) Nitrobenzene	7.25	77	17428	2.789	ng	# 45
25) Isophorone	7.27	82	417853	39.483	ng	# 64
32) Benzoic acid	7.72	122	1491	7.205	ng	94
49) Dimethylphthalate	9.46	163	91819	9.079	ng	99
56) 2,4-Dinitrotoluene	9.74	165	17920	7.071	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.54	198	797	7.214	ng	# 61
66) 4-Bromophenyl-phenylether	10.53	248	9201	3.341	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.84	149	31231	4.252	ng	98

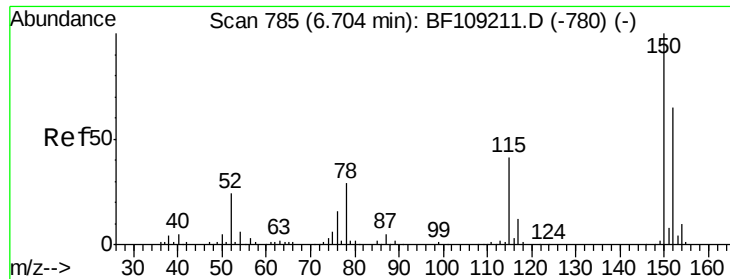
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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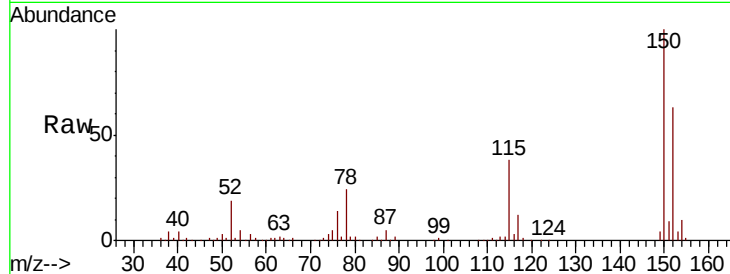


#1

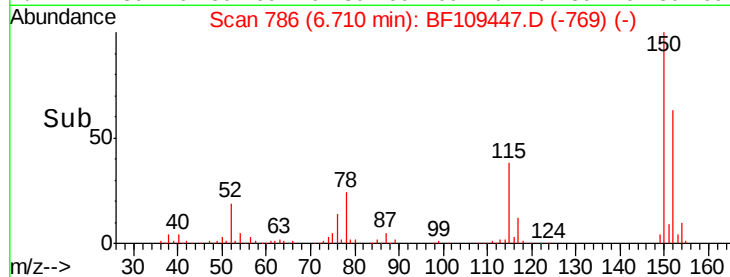
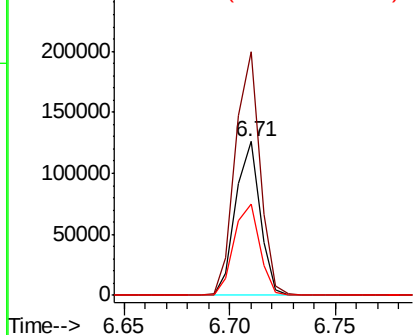
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampled :
WS-1

Tgt Ion:152 Resp: 101157
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.7 50.1 75.1



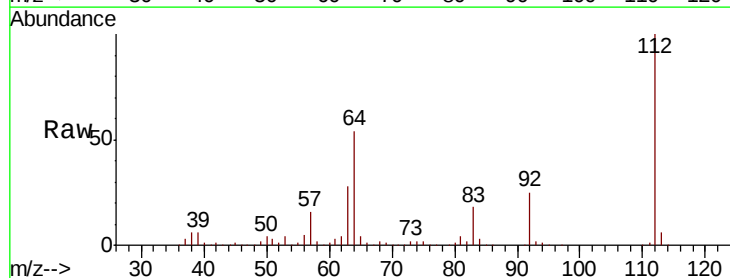
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



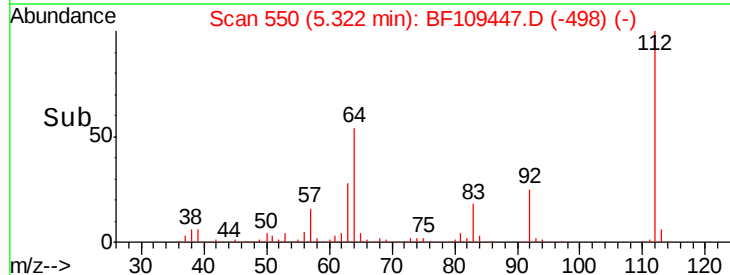
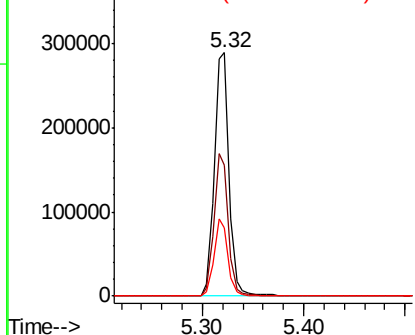
#5

2-Fluorophenol
Concen: 47.708 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:112 Resp: 293004
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 28.2 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: 27.895 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

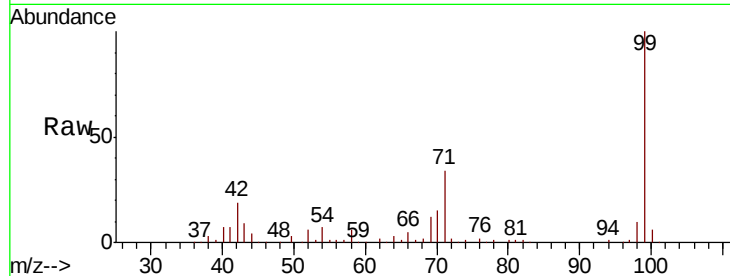
Tgt Ion: 99 Resp: 218613

Ion Ratio Lower Upper

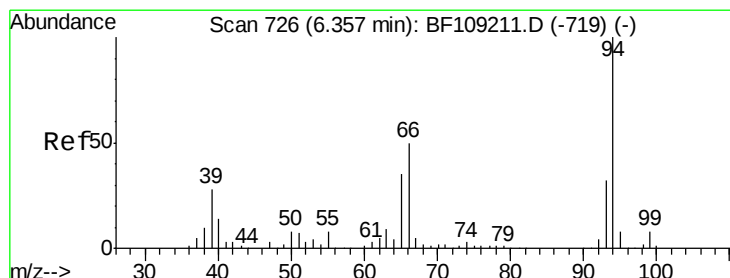
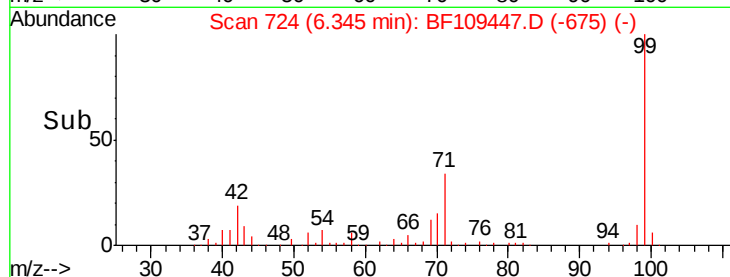
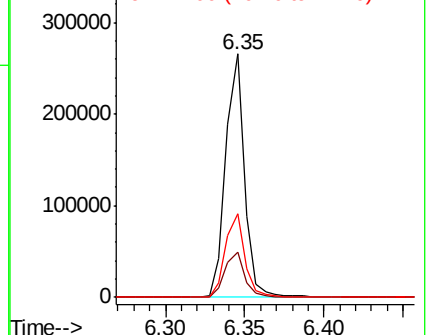
99 100

42 18.6 14.5 21.7

71 34.3 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: 4.583 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

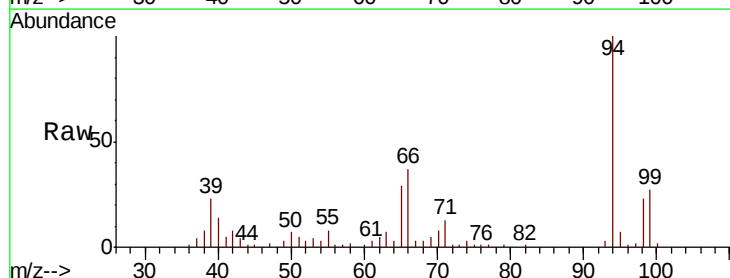
Tgt Ion: 94 Resp: 40678

Ion Ratio Lower Upper

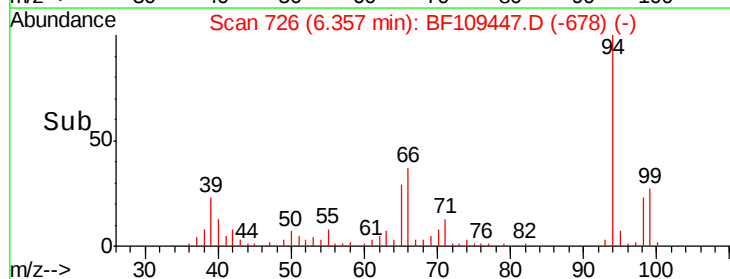
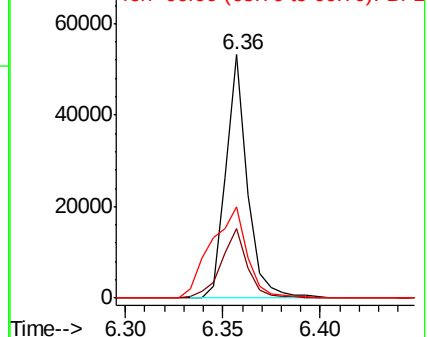
94 100

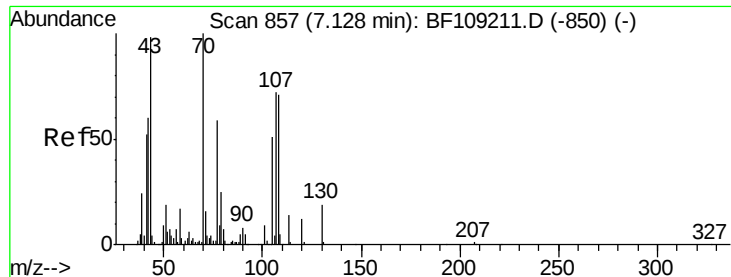
65 28.8 7.9 47.9

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

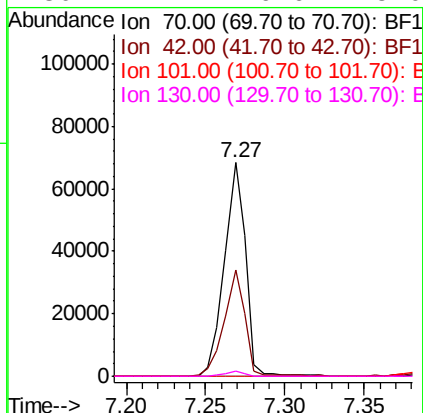
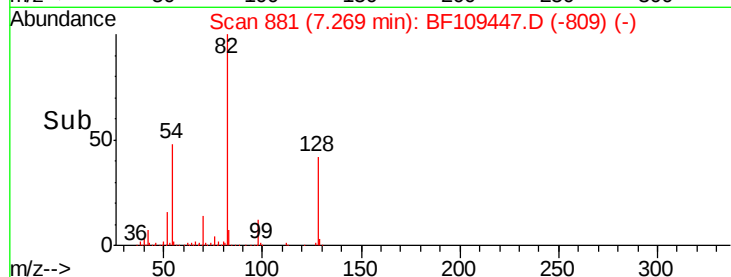
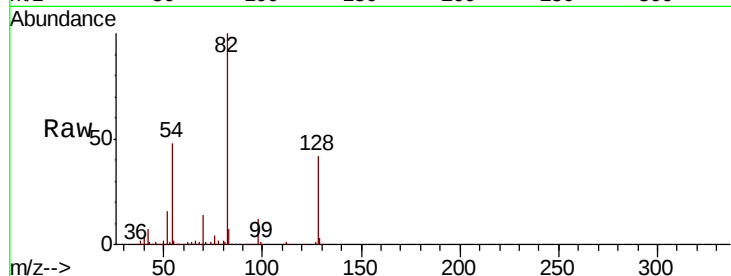




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.304 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

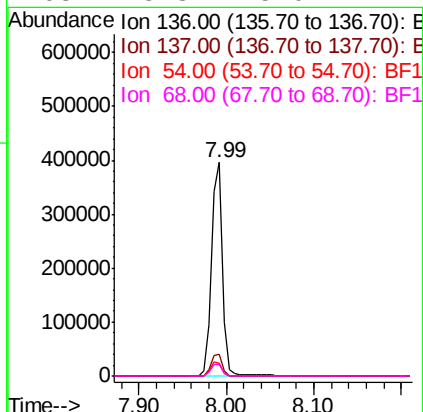
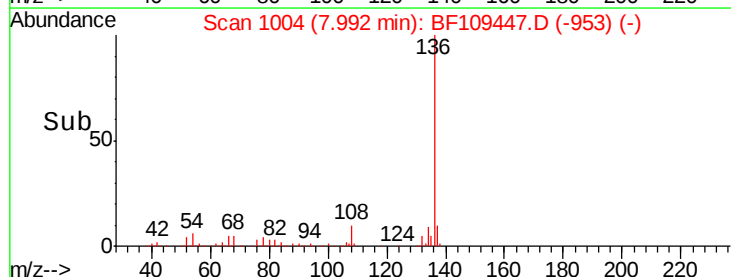
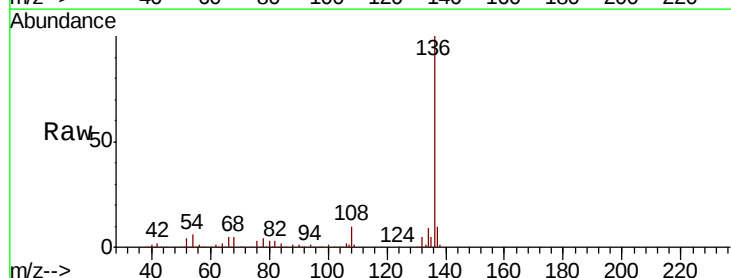
Instrument :
 BNA_F
 ClientSampled :
 WS-1

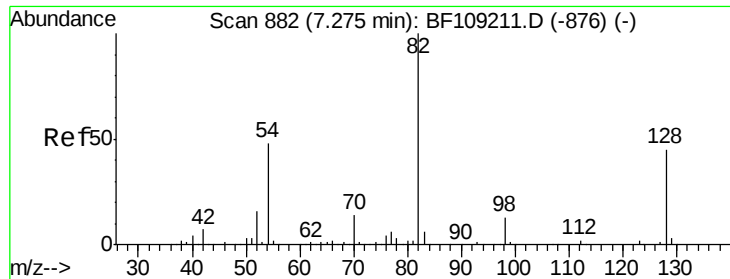
Tgt Ion: 70 Resp: 63182
 Ion Ratio Lower Upper
 70 100
 42 49.5 47.5 71.3
 101 0.0 7.4 11.2#
 130 2.2 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion: 136 Resp: 346938
 Ion Ratio Lower Upper
 136 100
 137 10.4 8.9 13.3
 54 6.3 6.6 9.8#
 68 5.3 5.0 7.4

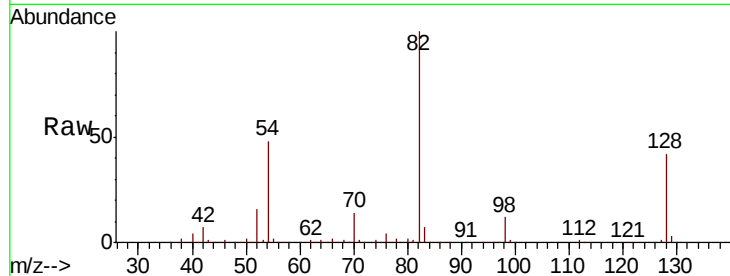




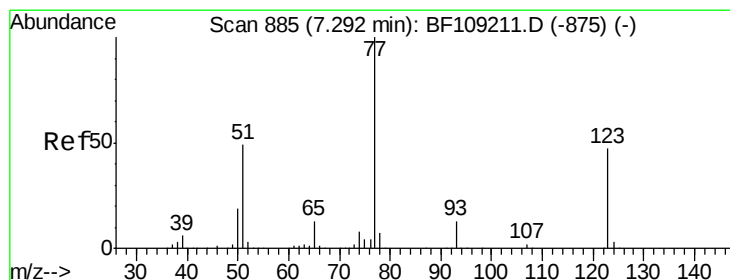
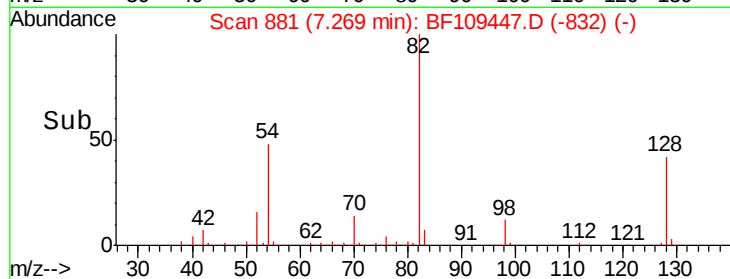
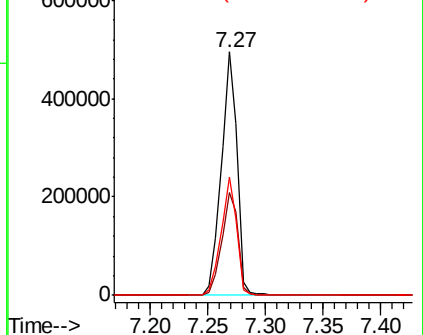
#23
 Nitrobenzene-d5
 Concen: 79.747 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 WS-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	48.3	41.4	62.2

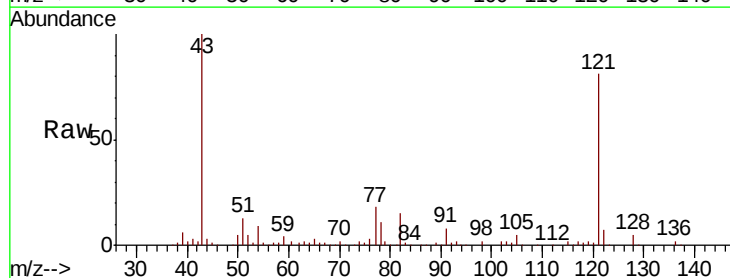


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

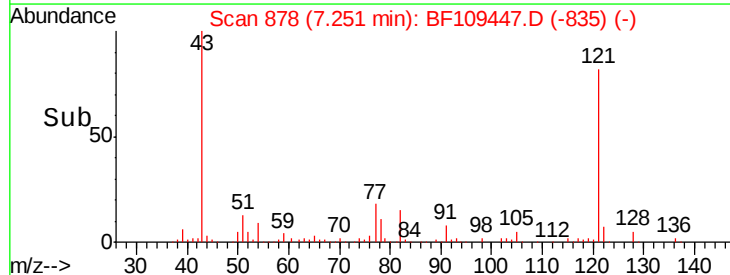
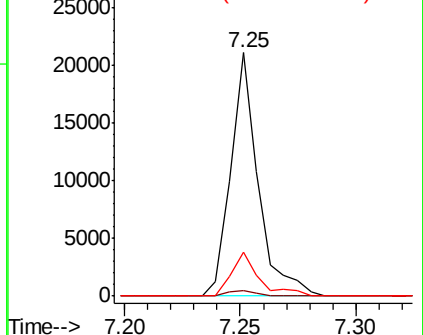


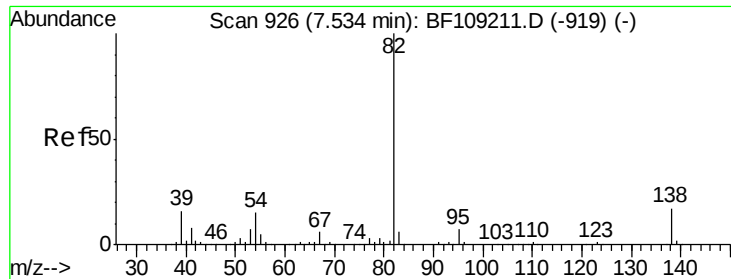
#24
 Nitrobenzene
 Concen: 2.789 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.05 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	2.3	37.9	56.9#
65	18.2	11.0	16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.483 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

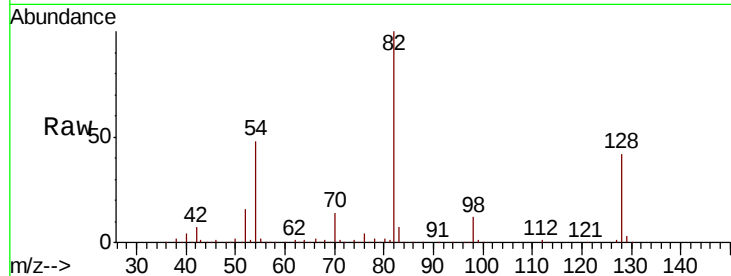
Tgt Ion: 82 Resp: 417853

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

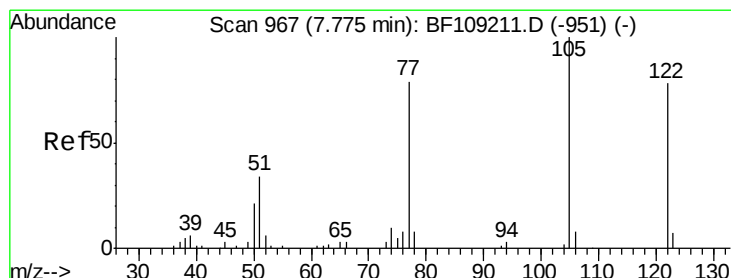
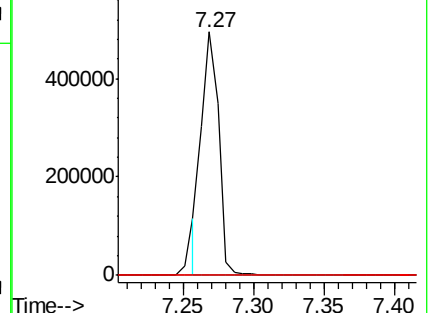
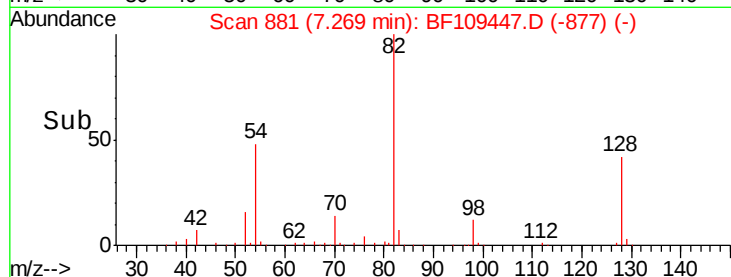
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.205 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.10 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

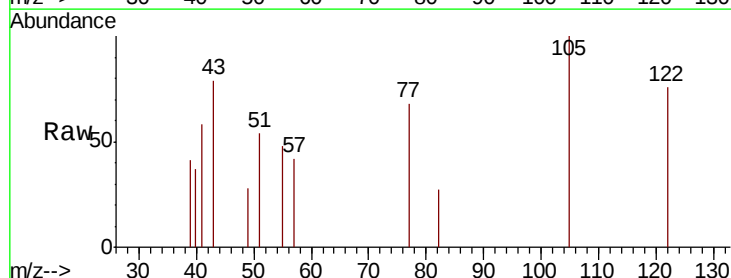
Tgt Ion: 122 Resp: 1491

Ion Ratio Lower Upper

122 100

105 132.1 101.1 141.1

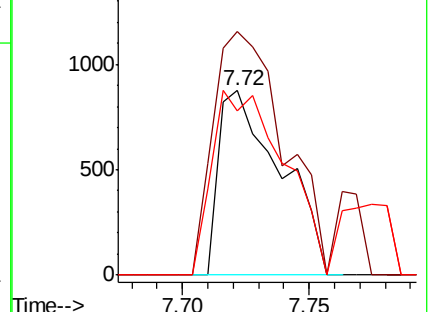
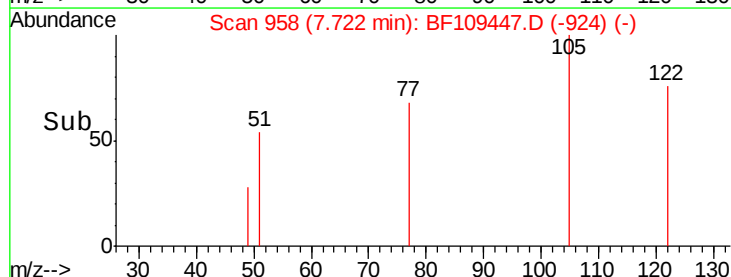
77 89.3 70.7 110.7

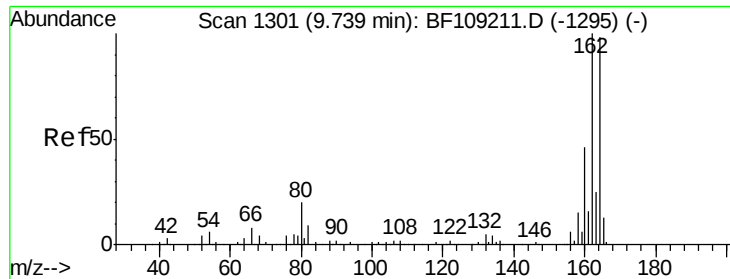


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

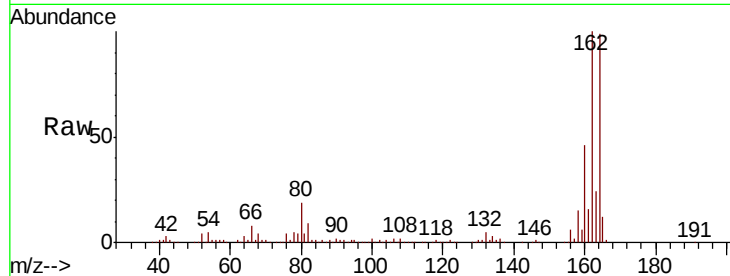




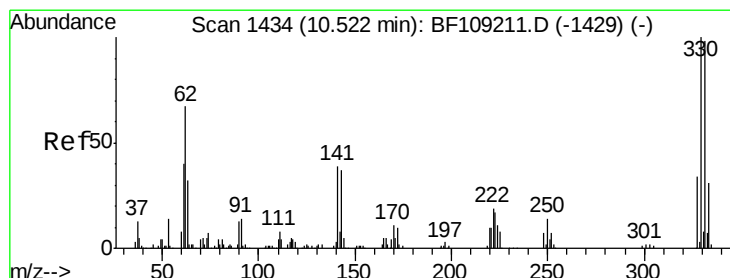
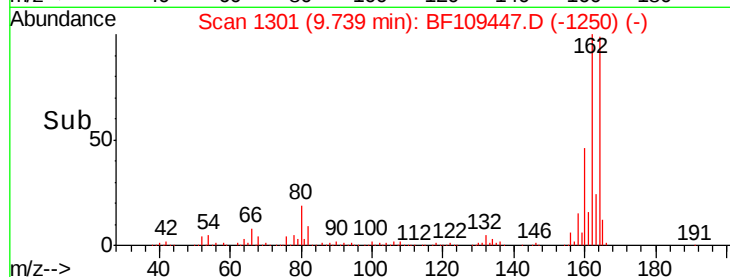
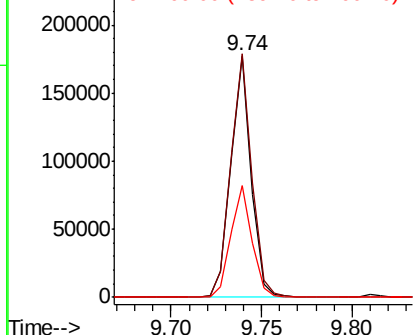
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampleId :
WS-1

Tgt Ion:164 Resp: 139040
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 46.4 38.3 57.5

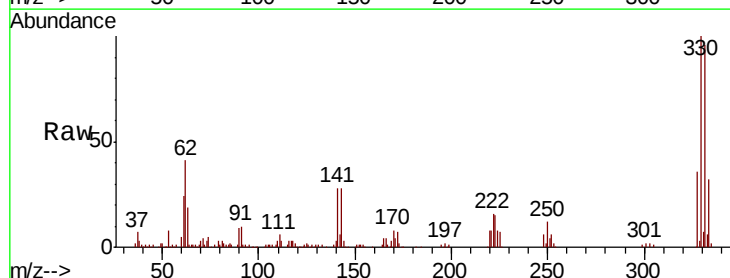


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

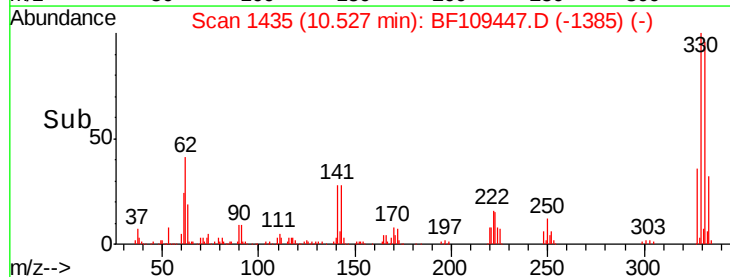
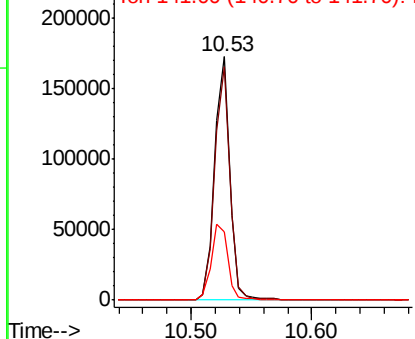


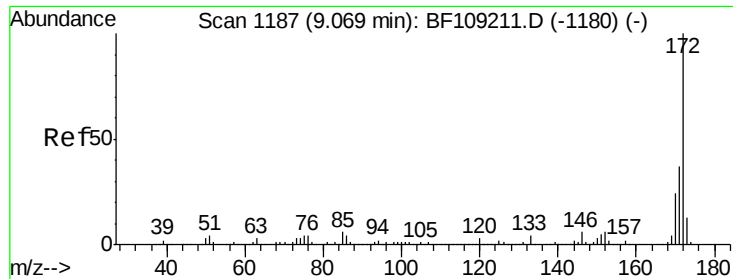
#41
2,4,6-Tribromophenol
Concen: 108.952 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:330 Resp: 149334
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 34.6 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

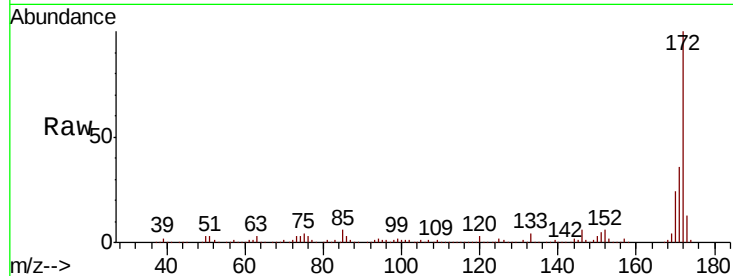




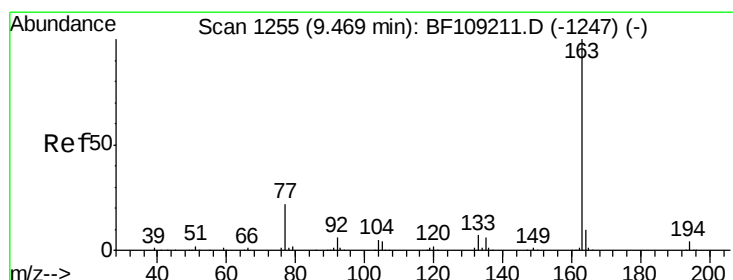
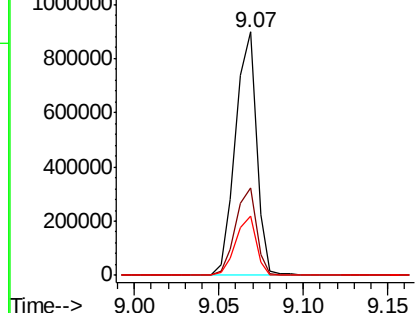
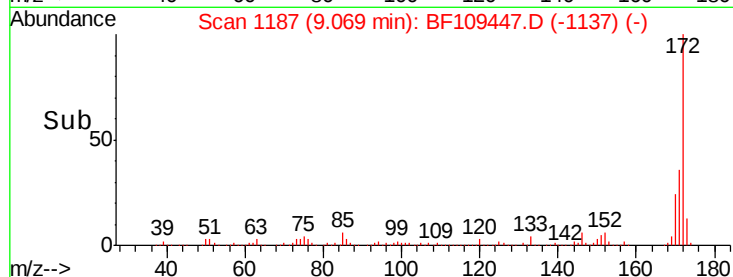
#44
2-Fluorobiphenyl
Concen: 85.003 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampleId :
WS-1

Tgt Ion:172 Resp: 783643
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

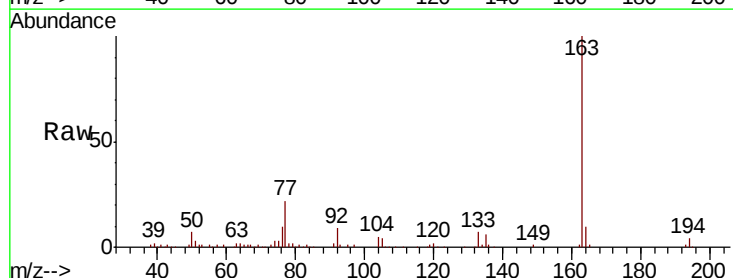


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

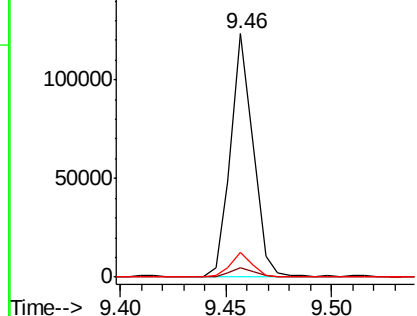
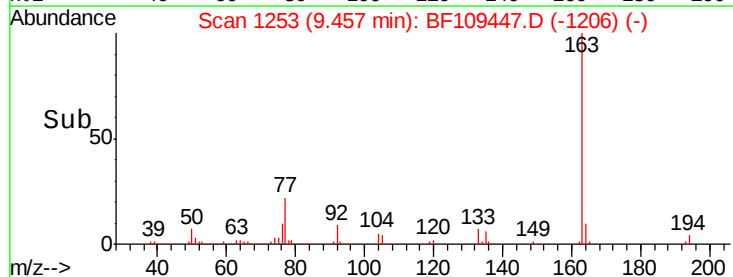


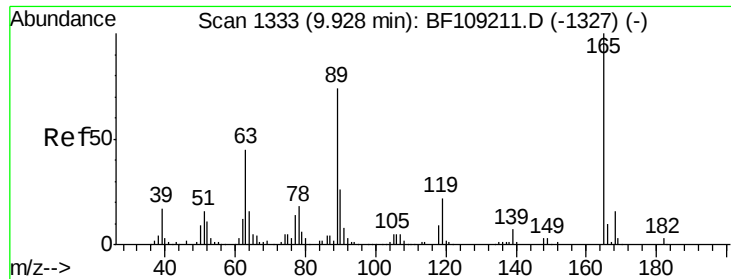
#49
Dimethylphthalate
Concen: 9.079 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:163 Resp: 91819
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 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

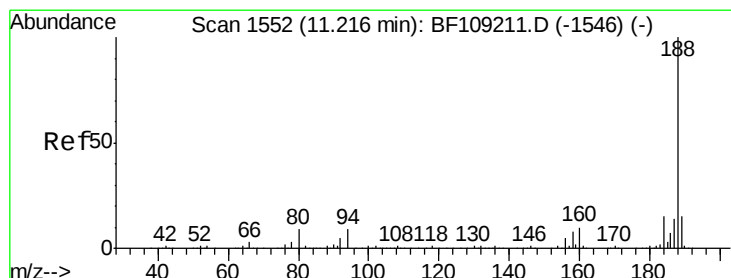
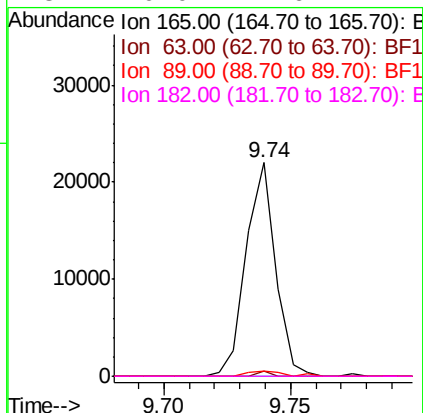
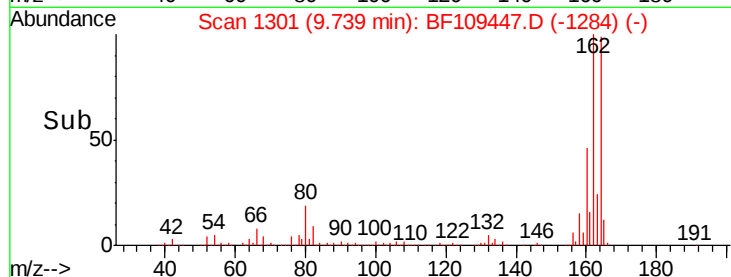
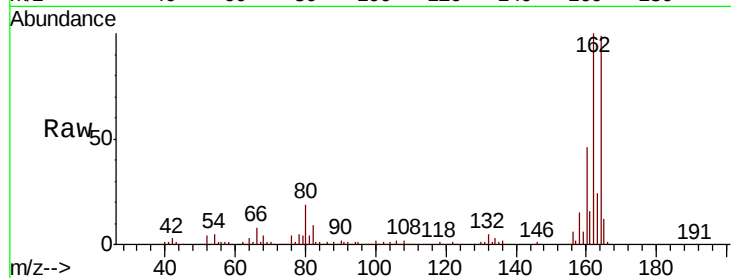




#56
 2,4-Dinitrotoluene
 Concen: 7.071 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

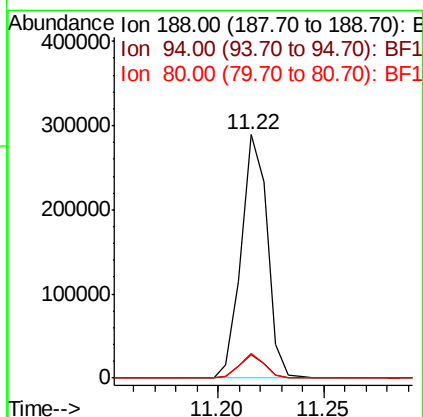
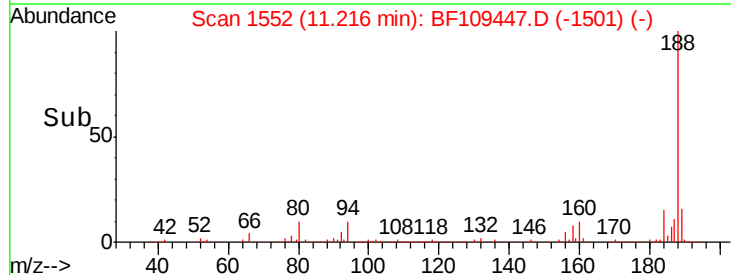
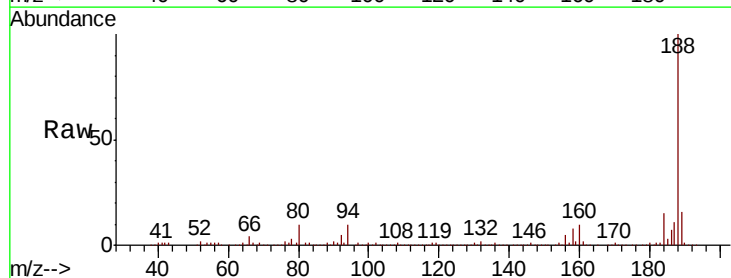
Instrument :
 BNA_F
 ClientSampleId :
 WS-1

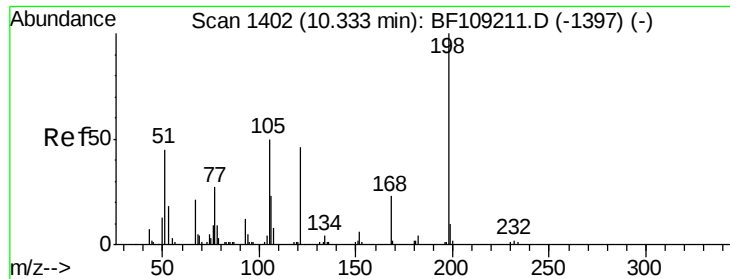
Tgt Ion:	165	Resp:	17920
Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion:	188	Resp:	247982
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

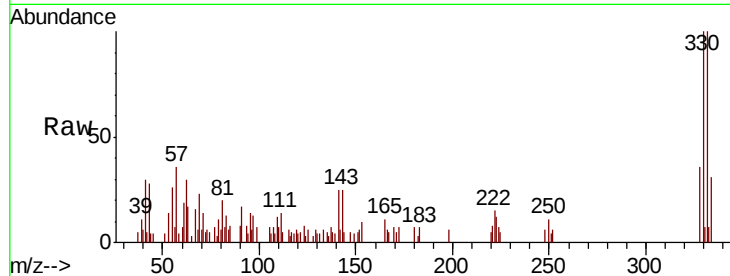




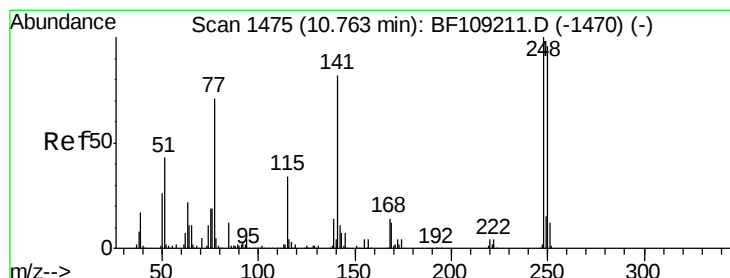
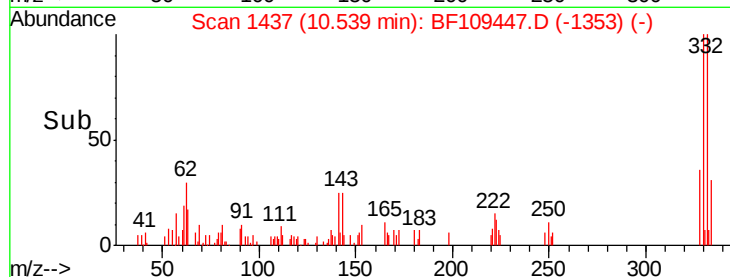
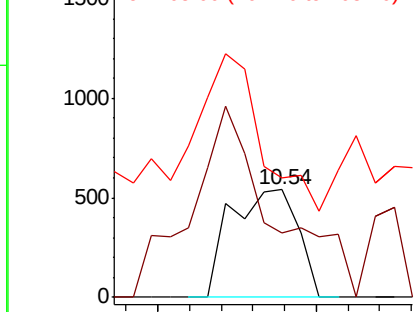
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.214 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.19 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 WS-1

Tgt Ion:198 Resp: 797
 Ion Ratio Lower Upper
 198 100
 51 60.3 37.7 77.7
 105 111.9 36.3 76.3#

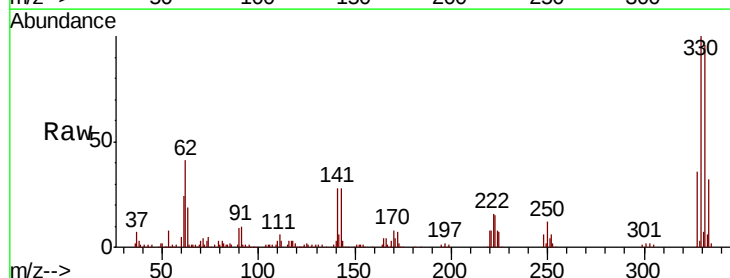


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

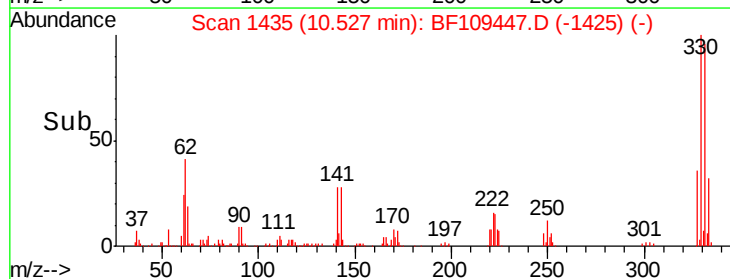
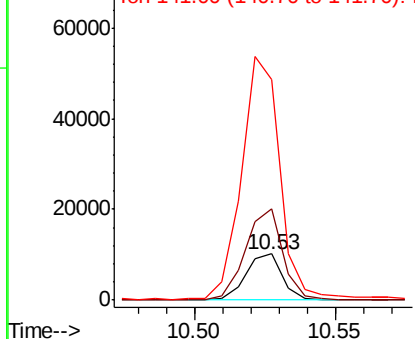


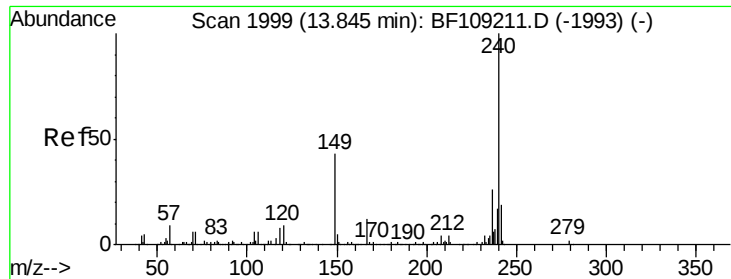
#66
 4-Bromophenyl-phenylether
 Concen: 3.341 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion:248 Resp: 9201
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 480.2 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# 1999

Delta R.T. 0.00 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

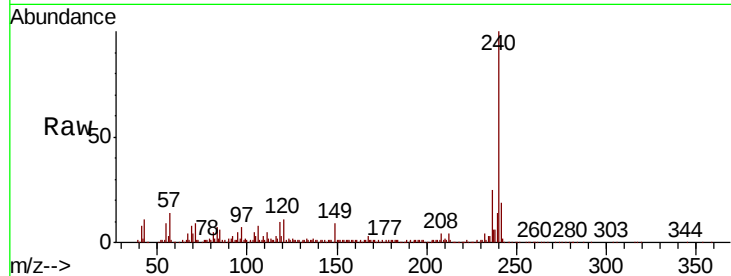
Tgt Ion:240 Resp: 191010

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

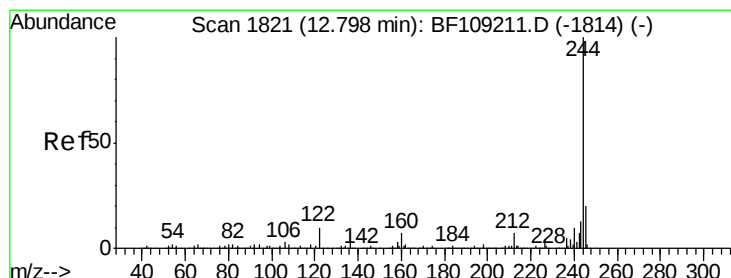
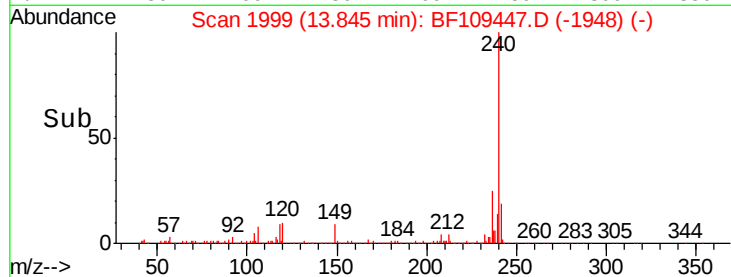
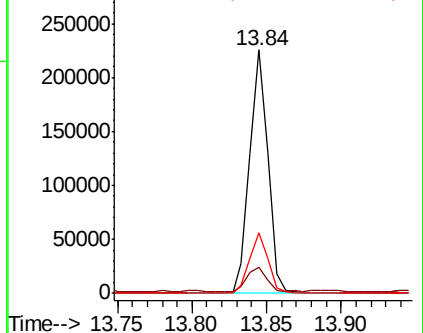
236 25.0 20.7 31.1



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: 85.261 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

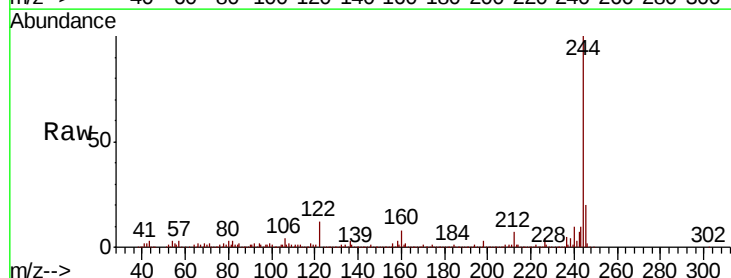
Tgt Ion:244 Resp: 663598

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

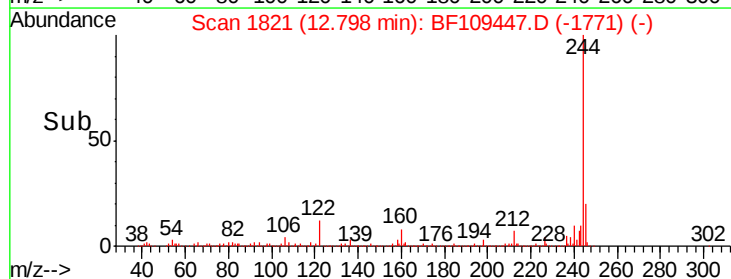
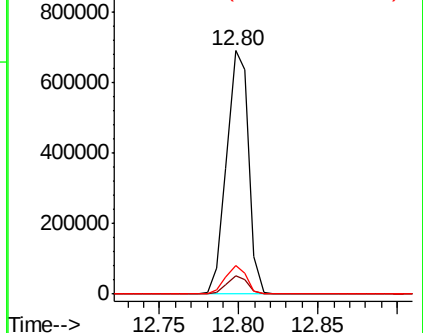
122 11.9 11.0 16.4

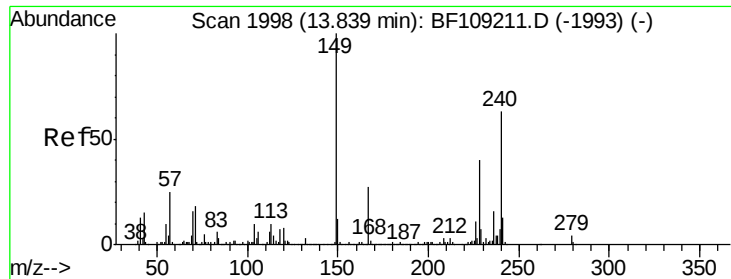


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

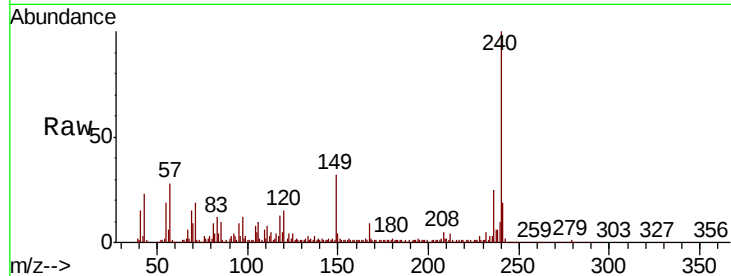




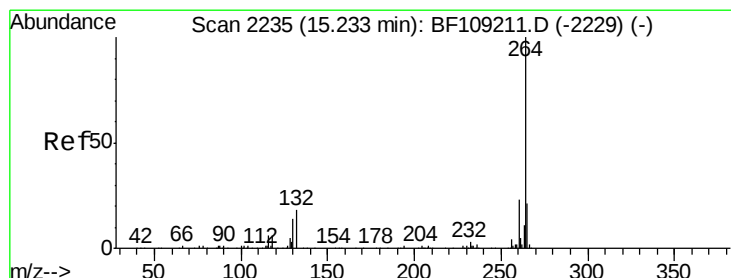
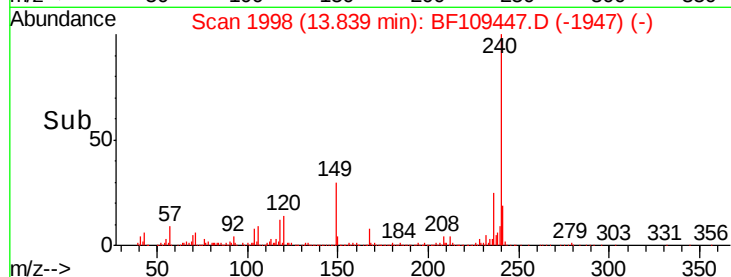
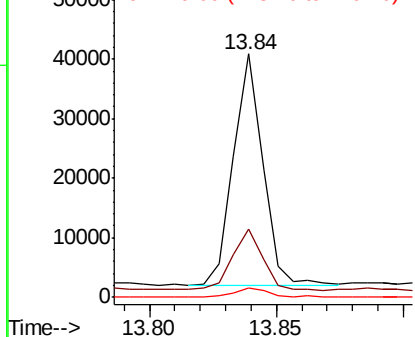
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.252 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampled :
WS-1

Tgt Ion:149 Resp: 31231
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 3.8 3.0 4.4

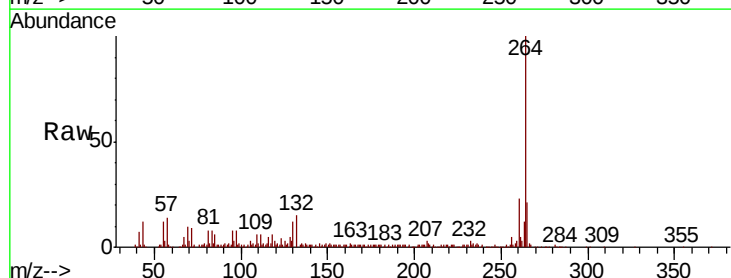


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:264 Resp: 150918
Ion Ratio Lower Upper
264 100
260 23.4 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

