

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109423.D
 Acq On : 28 Sep 2018 9:38
 Operator : JU/SJ
 Sample : J5133-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 11:54:59 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

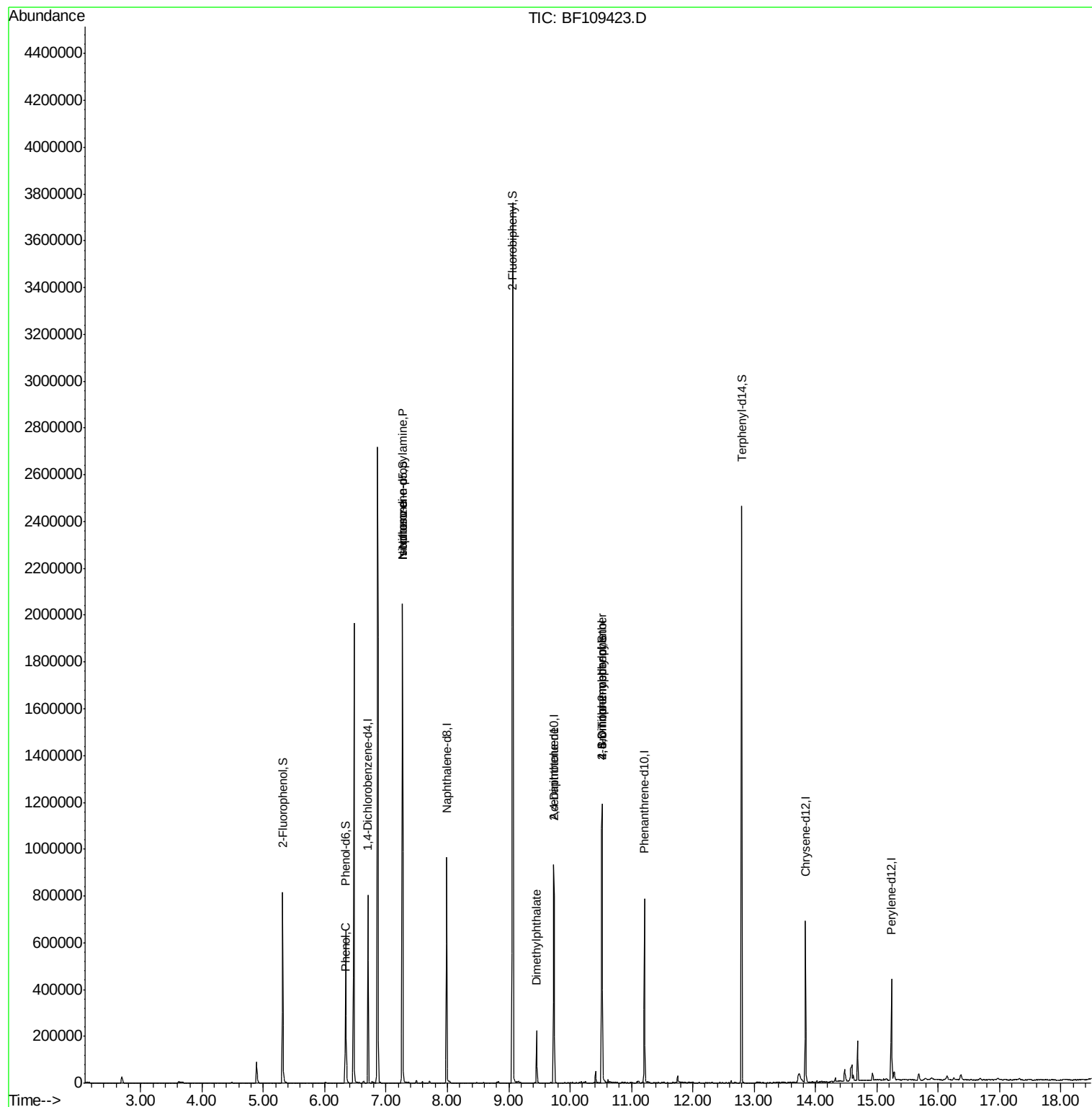
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107934	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	396119	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	180713	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289543	20.00	ng	0.00
75) Chrysene-d12	13.84	240	236472	20.00	ng	0.00
86) Perylene-d12	15.24	264	194987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	243576	37.17	ng	0.00
7) Phenol-d6	6.34	99	203050	24.28	ng	-0.02
23) Nitrobenzene-d5	7.27	82	688756	102.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	150852	84.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1219519	101.78	ng	-0.01
78) Terphenyl-d14	12.80	244	870117	90.30	ng	0.00
Target Compounds						
10) Phenol	6.35	94	44642	4.714	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	93351	17.037	ng	# 79
25) Isophorone	7.27	82	654939	54.201	ng	# 64
49) Dimethylphthalate	9.46	163	97895	7.448	ng	98
56) 2,4-Dinitrotoluene	9.73	165	22658	6.879	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	277	6.726	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9063	2.819	ng	# 1

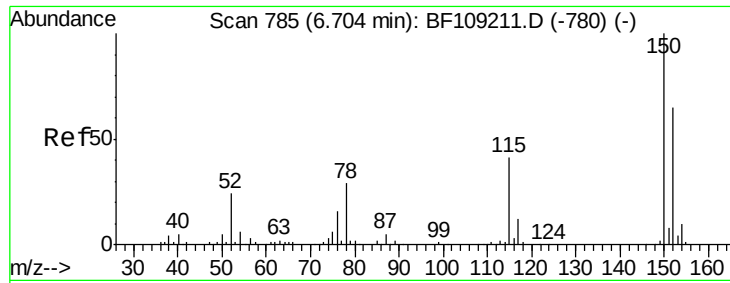
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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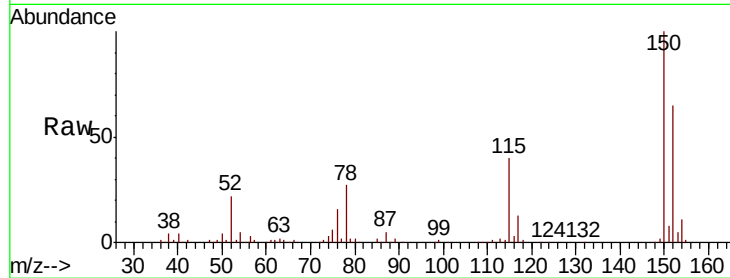


#1

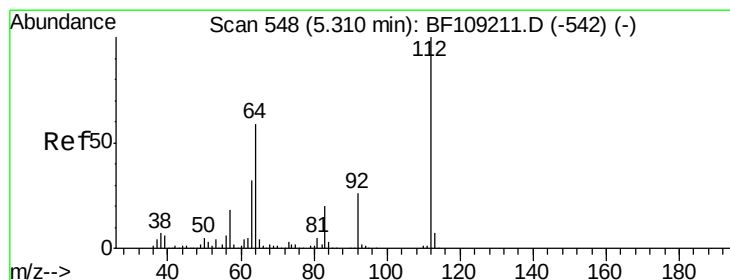
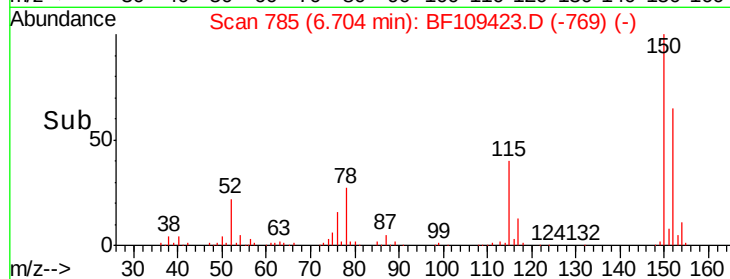
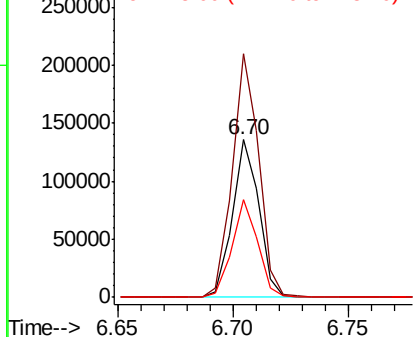
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.5	50.1	75.1



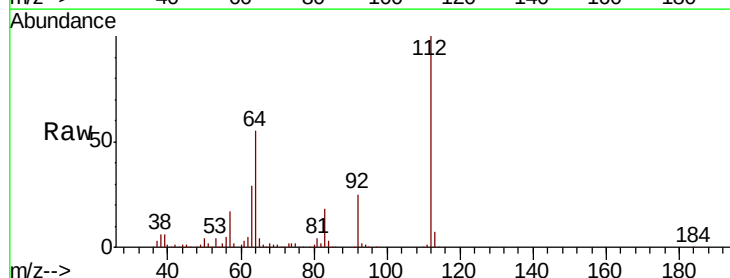
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



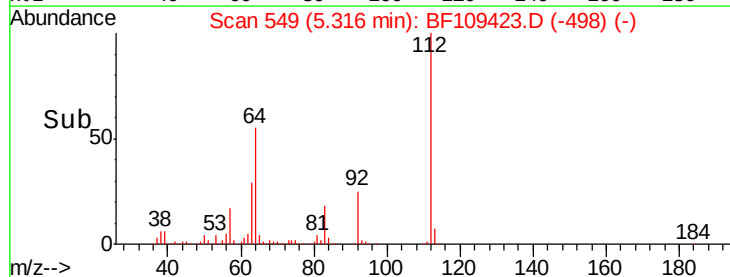
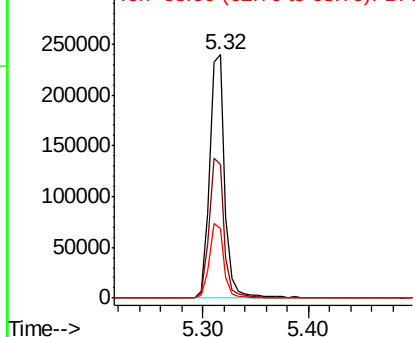
#5

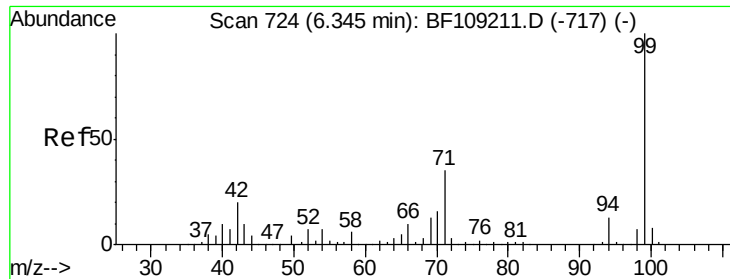
2-Fluorophenol
Concen: 37.170 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.8	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: 24.283 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

Instrument :

BNA_F

ClientSampleId :

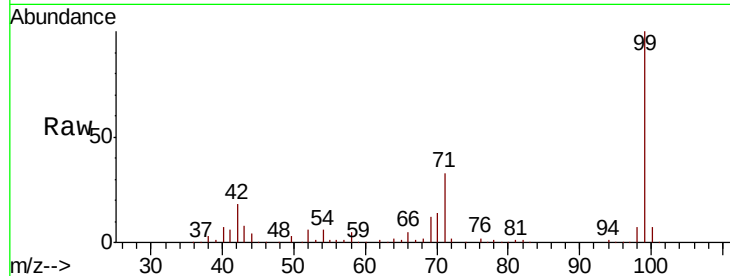
Tot Ion: 99 Resp: 203050

Ion Ratio Lower Upper

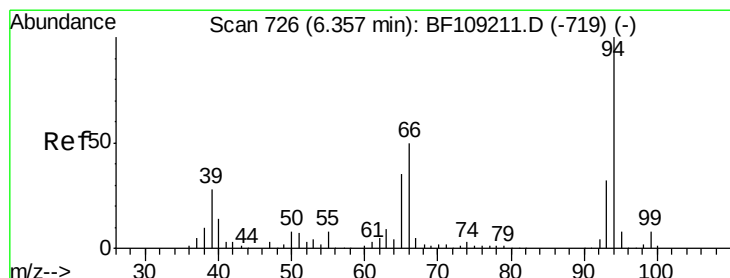
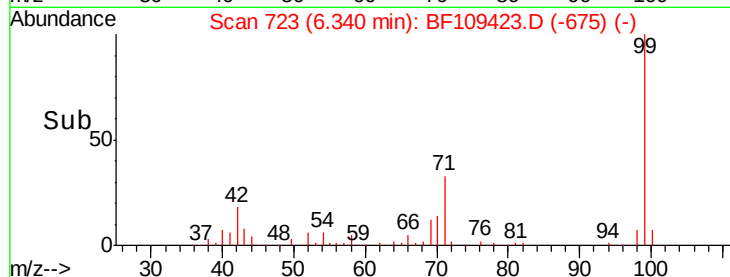
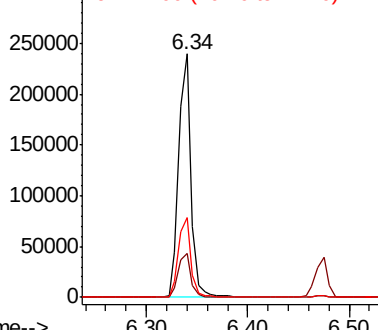
99 100

42 17.9 14.5 21.7

71 32.8 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: 4.714 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

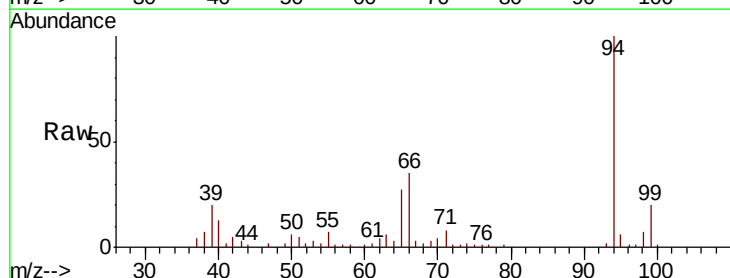
Tgt Ion: 94 Resp: 44642

Ion Ratio Lower Upper

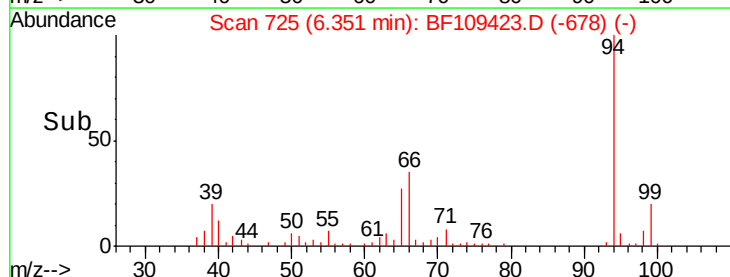
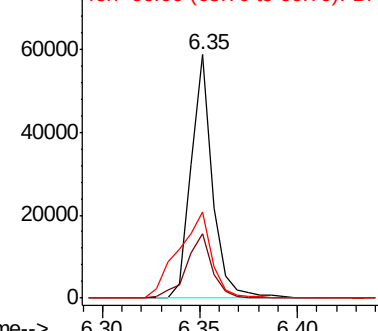
94 100

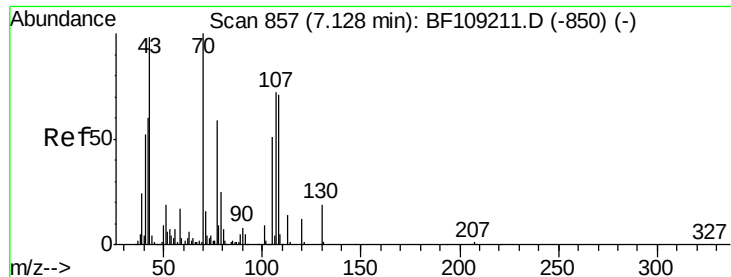
65 26.5 7.9 47.9

66 35.2 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

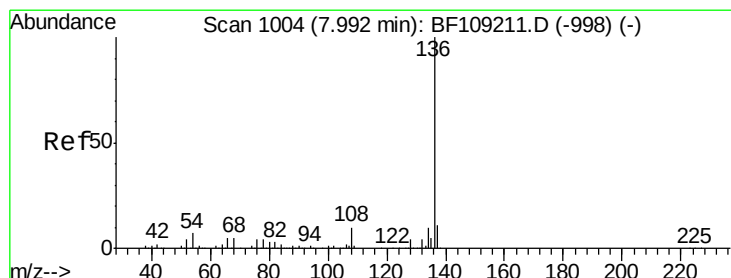
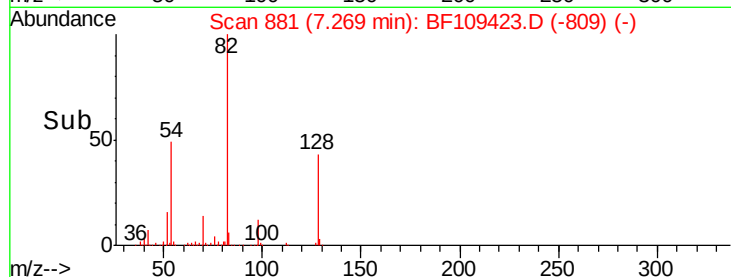
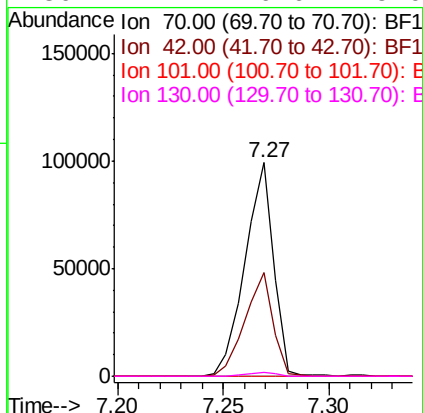
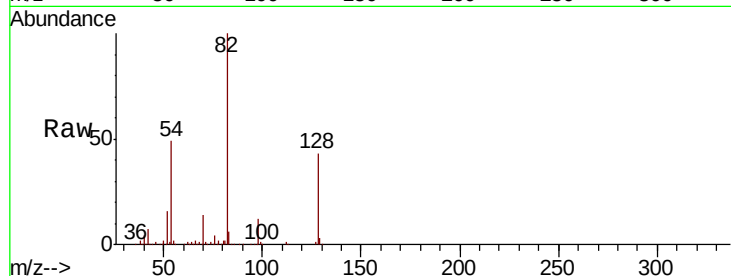




#19
n-Nitroso-di-n-propylamine
Concen: 17.037 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

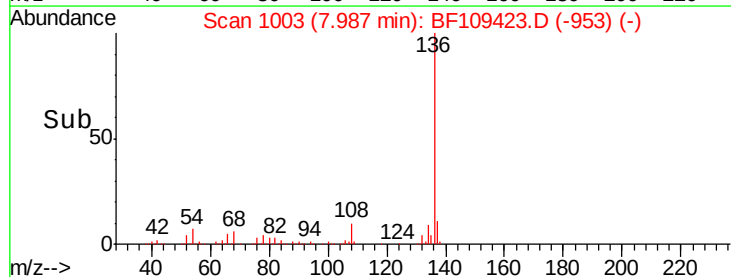
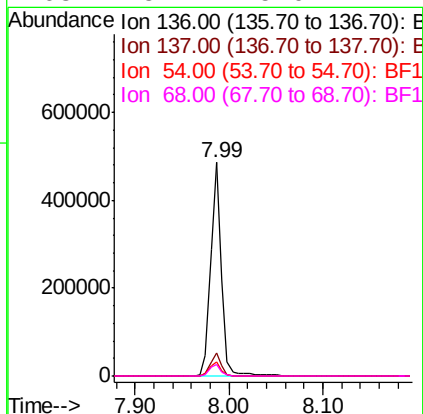
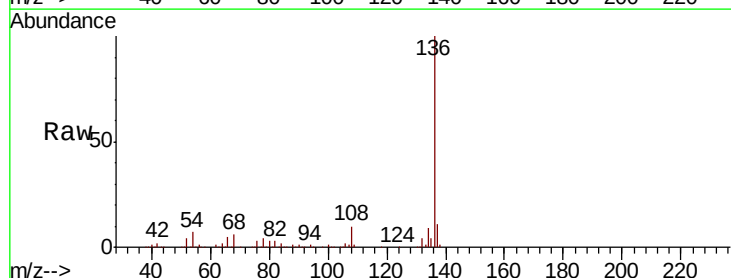
Instrument :
BNA_F
ClientSampled :

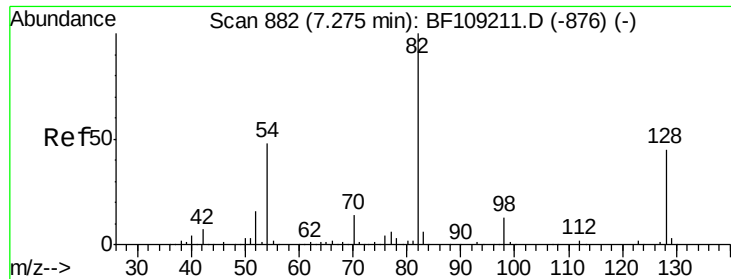
Tot Ion:	70	Resp:	93351
Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion:	136	Resp:	396119
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

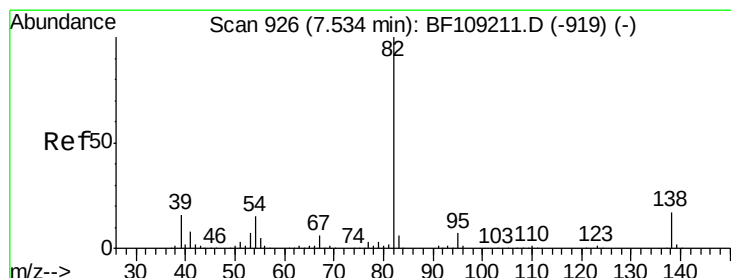
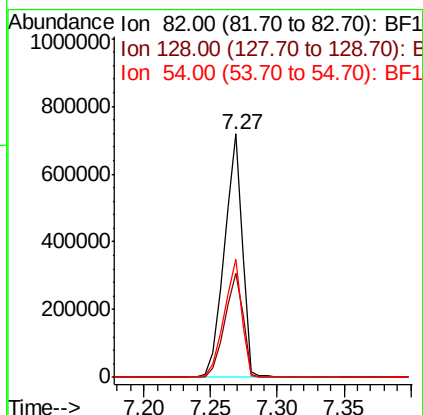
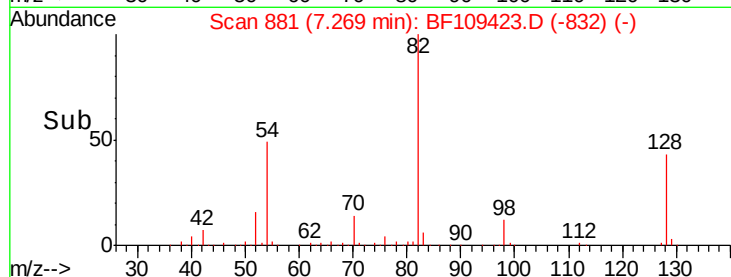
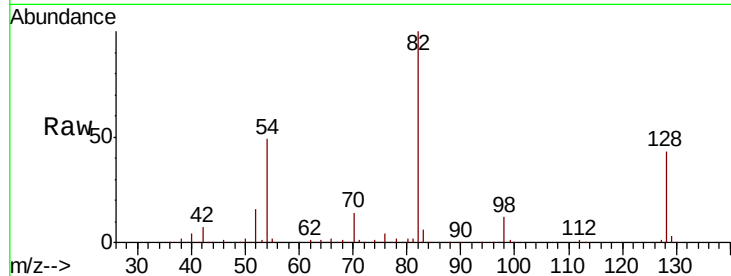




#23
Nitrobenzene-d5
Concen: 102.642 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

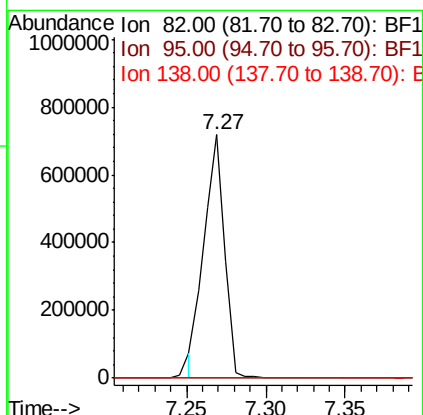
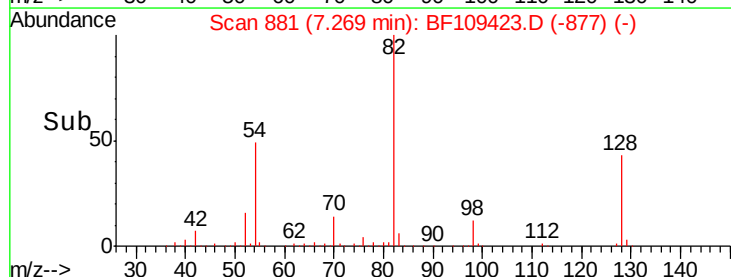
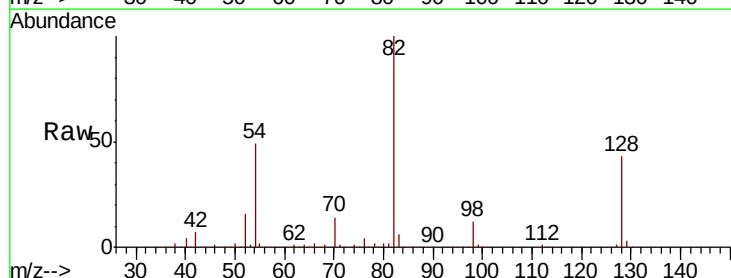
Instrument :
BNA_F
ClientSampled :

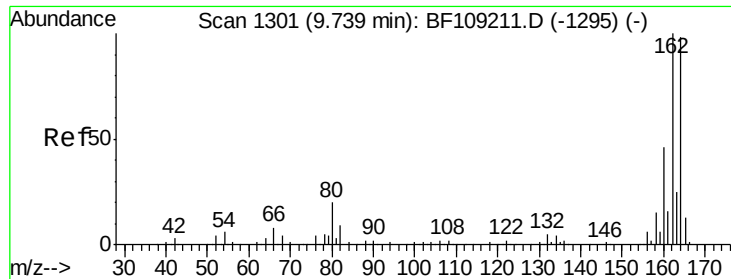
Tot Ion	82	Resp	688756
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	48.6	41.4	62.2



#25
Isophorone
Concen: 54.201 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion	82	Resp	654939
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

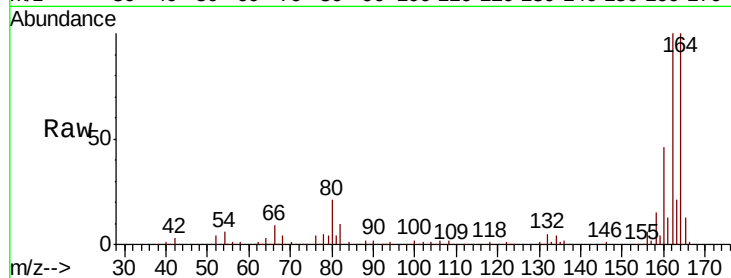




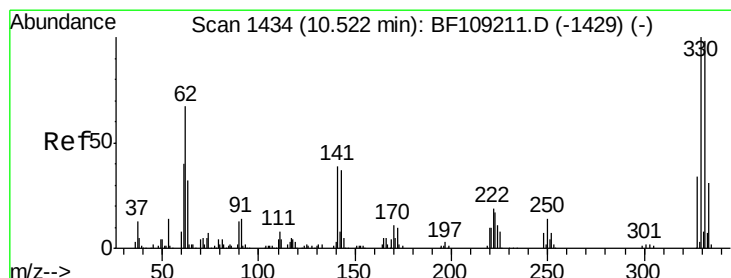
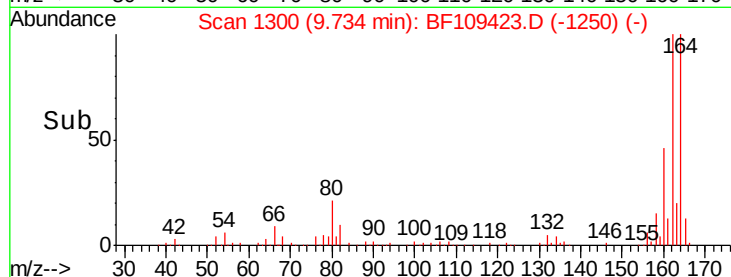
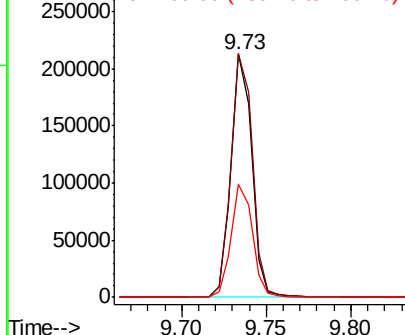
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 180713
 Ion Ratio Lower Upper
 164 100
 162 99.9 86.1 129.1
 160 46.2 38.3 57.5

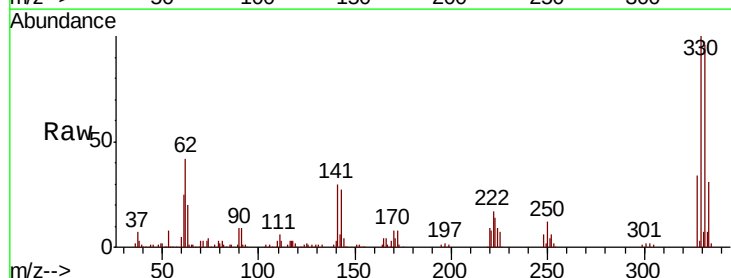


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

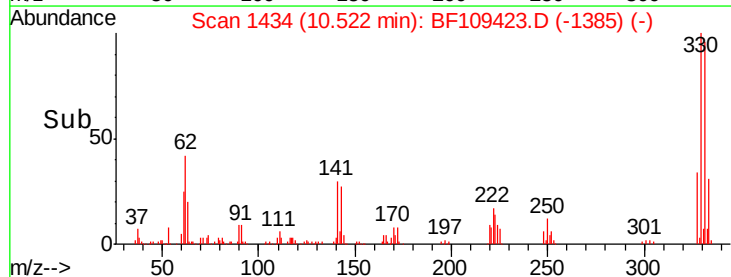
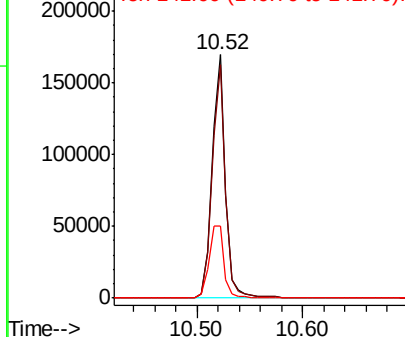


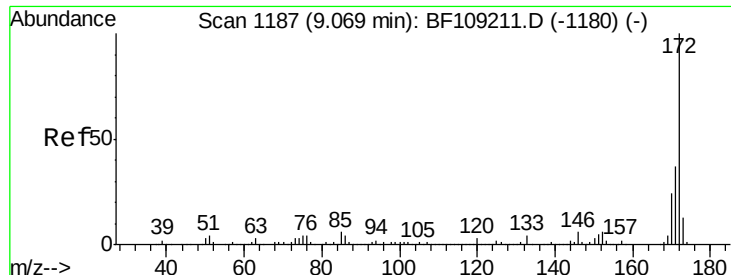
#41
 2,4,6-Tribromophenol
 Concen: 84.679 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Tgt Ion:330 Resp: 150852
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.9 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

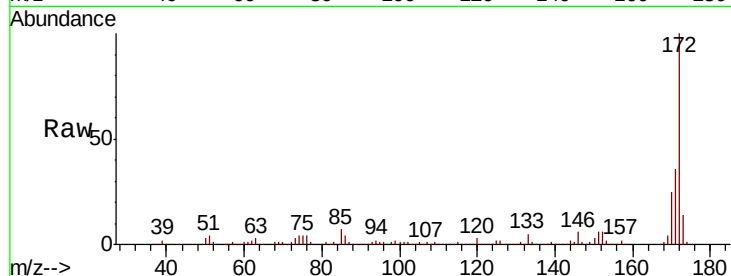




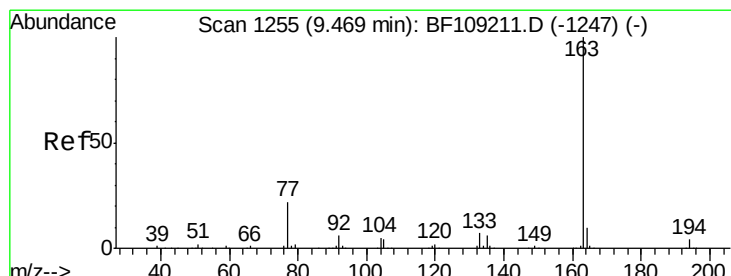
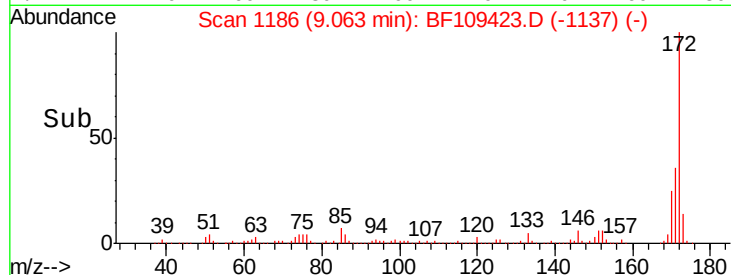
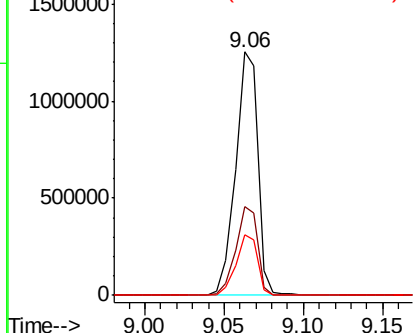
#44
2-Fluorobiphenyl
Concen: 101.778 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1219519
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.6 29.4

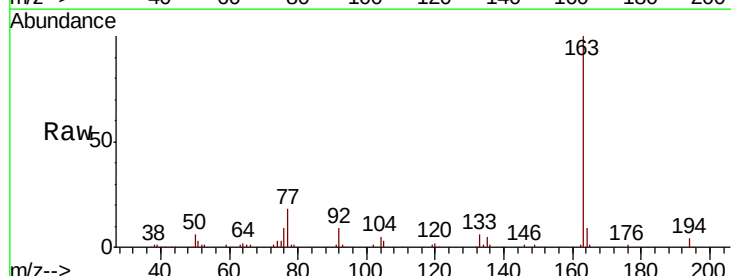


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

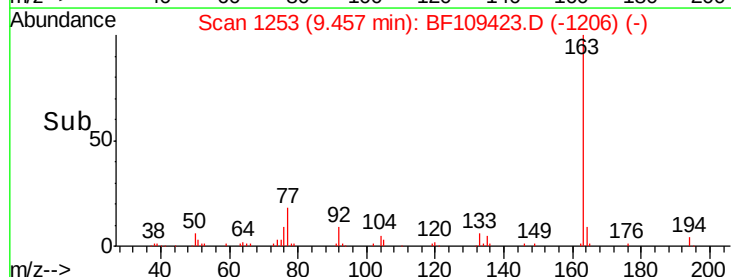
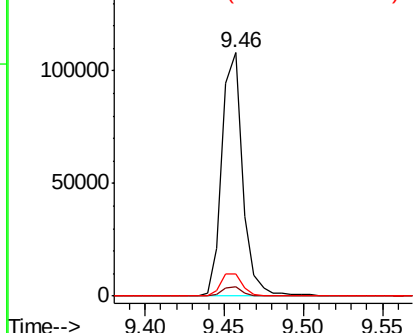


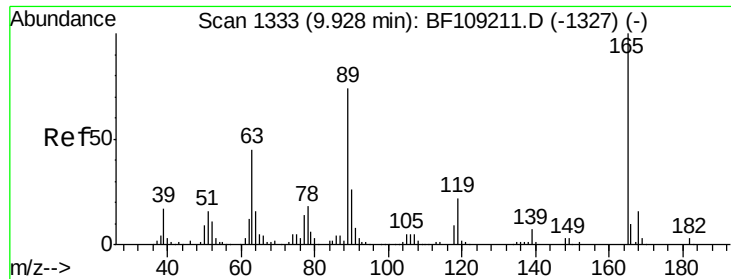
#49
Dimethylphthalate
Concen: 7.448 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion:163 Resp: 97895
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.3 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

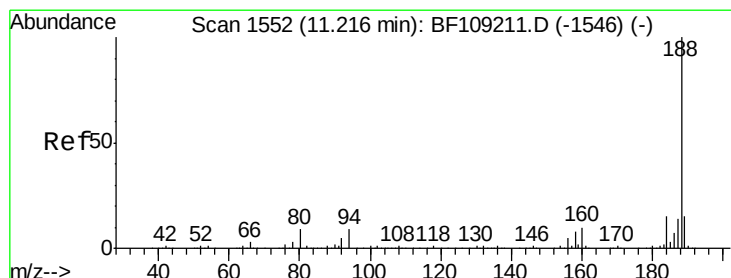
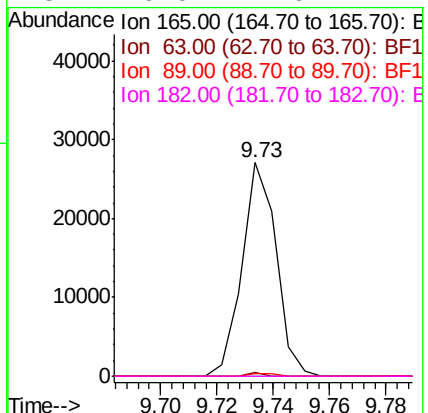
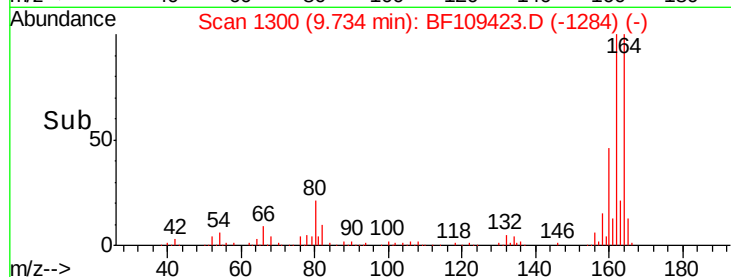
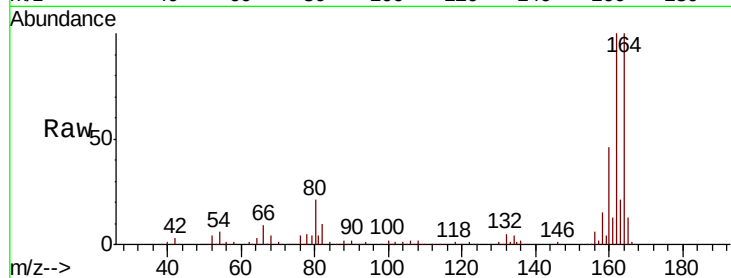




#56
 2,4-Dinitrotoluene
 Concen: 6.879 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

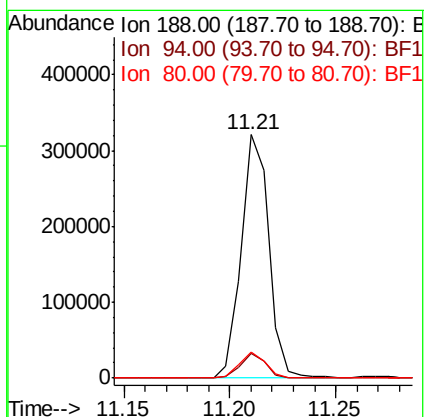
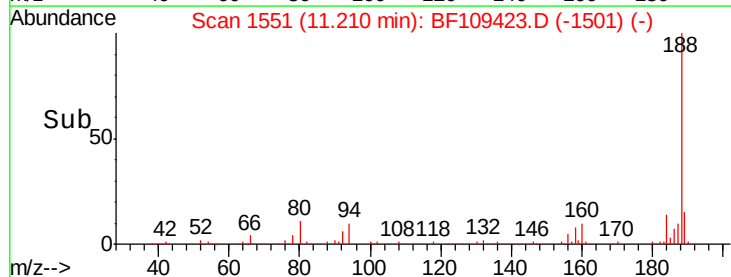
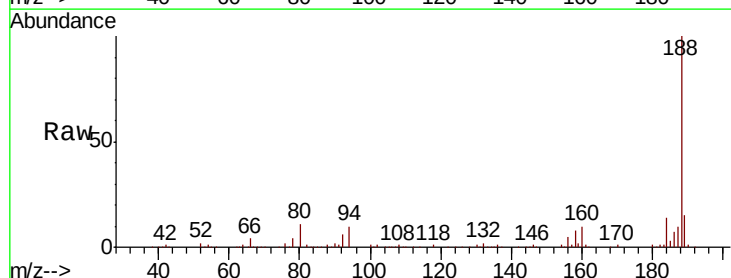
Instrument :
 BNA_F
 ClientSampleId :

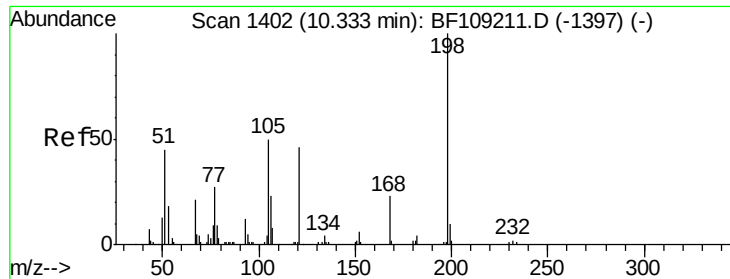
Tot Ion:	165	Resp:	22658
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Tgt Ion:	188	Resp:	289543
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8

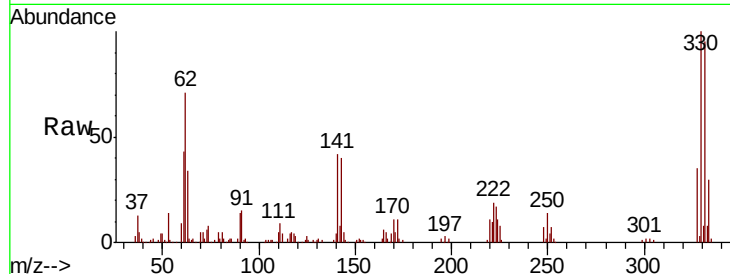




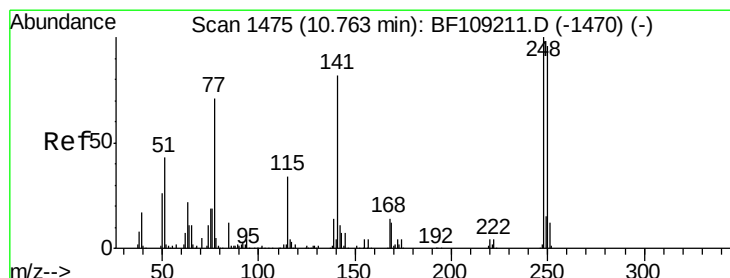
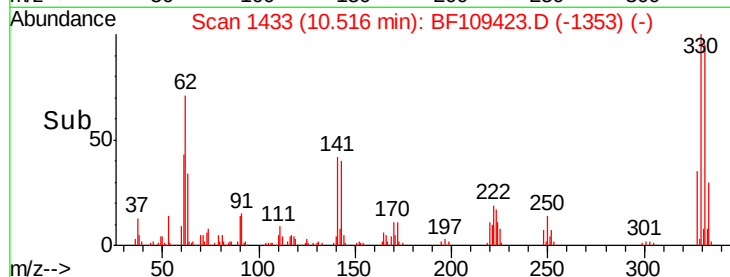
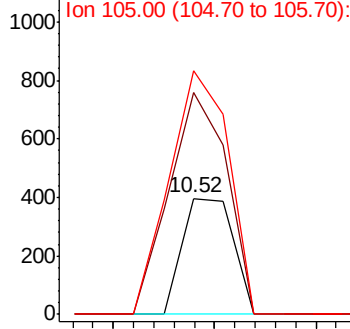
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.726 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 190.7 37.7 77.7#
 105 209.8 36.3 76.3#

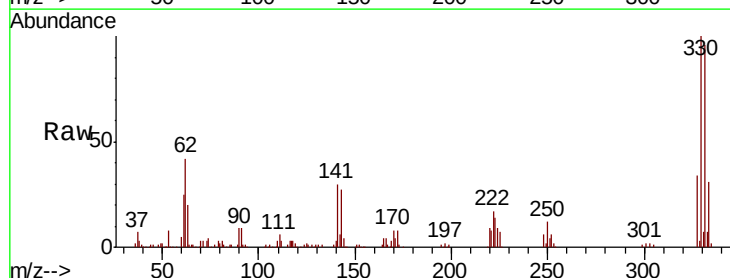


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

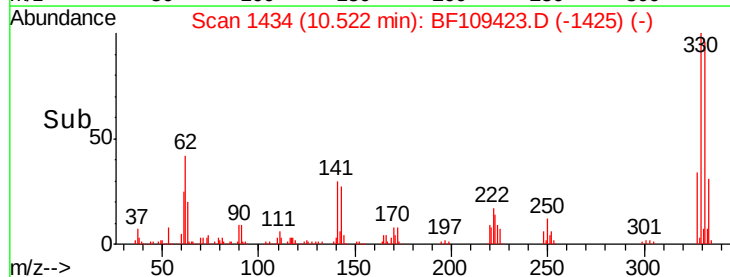
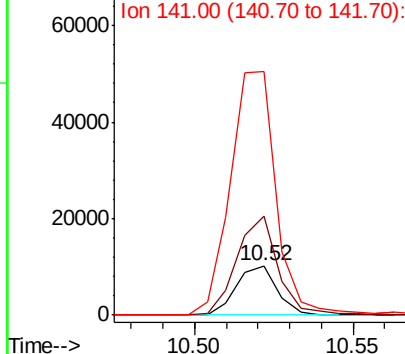


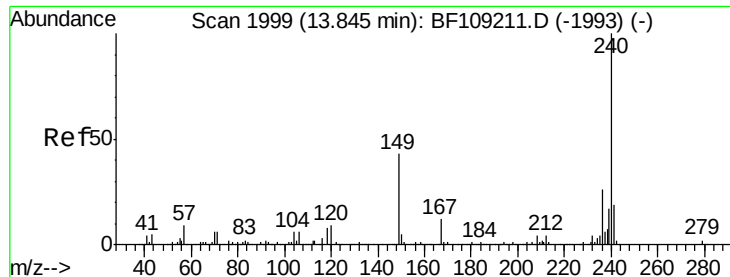
#66
 4-Bromophenyl-phenylether
 Concen: 2.819 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Tgt Ion:248 Resp: 9063
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 495.5 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: BF109423.D

Acq: 28 Sep 2018 9:38

Instrument :

BNA_F

ClientSampleId :

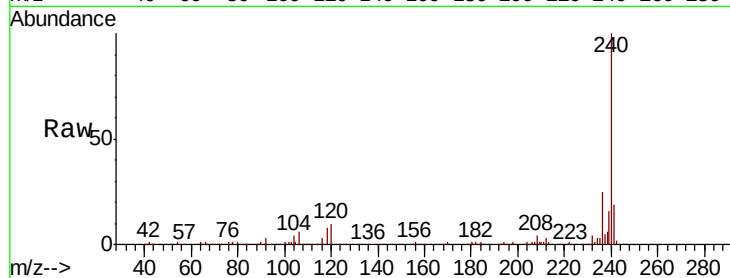
Tot Ion:240 Resp: 236472

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

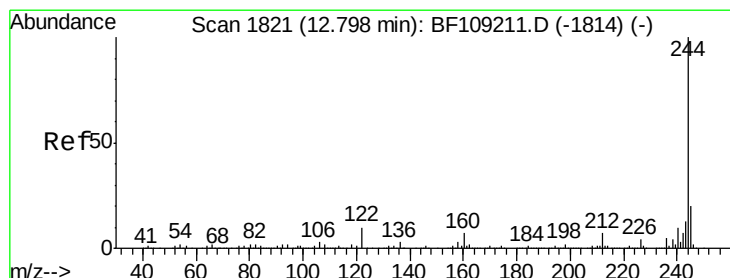
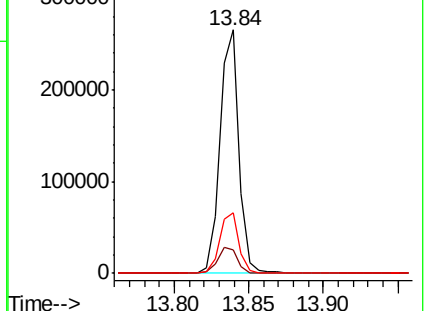
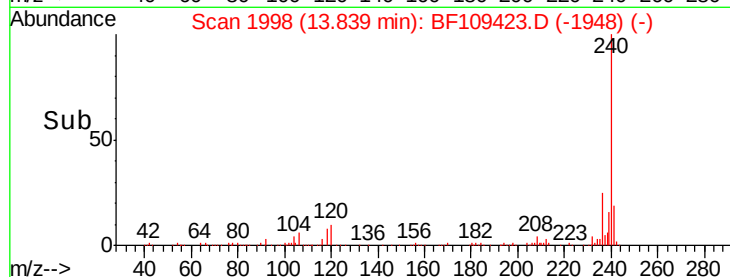
236 25.0 20.7 31.1



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: 90.303 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

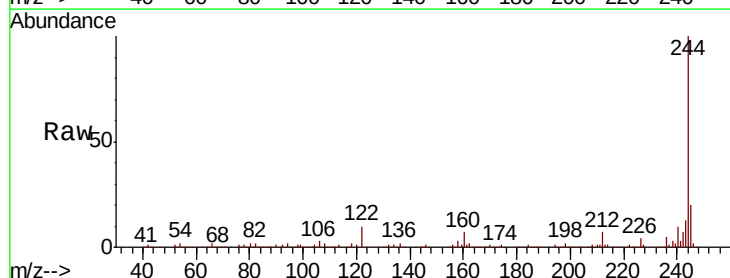
Tgt Ion:244 Resp: 870117

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

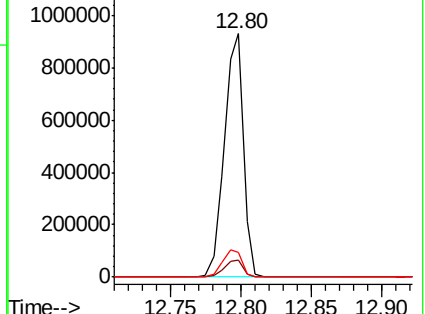
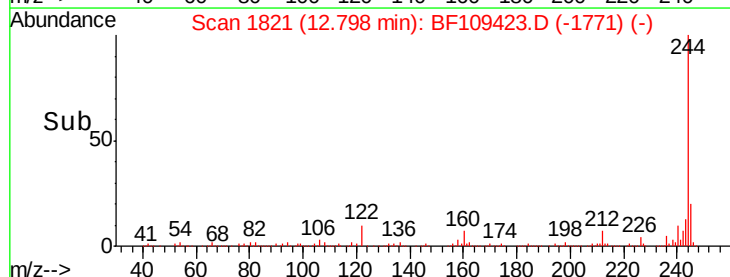
122 10.1 11.0 16.4#

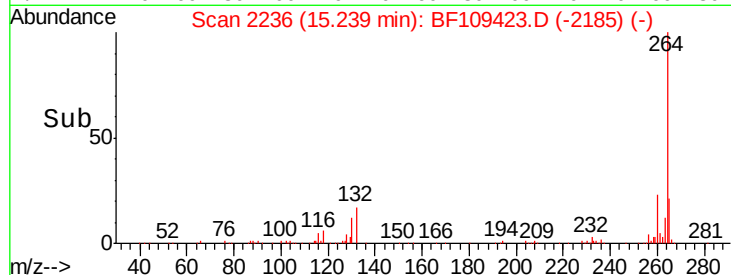
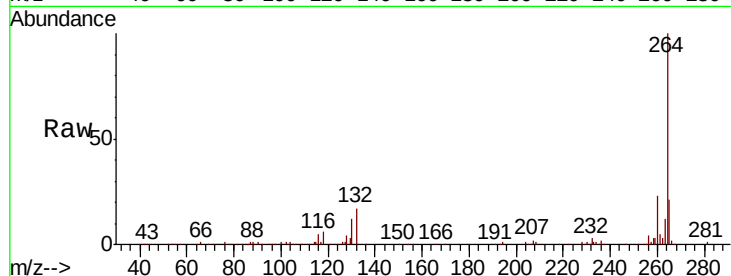
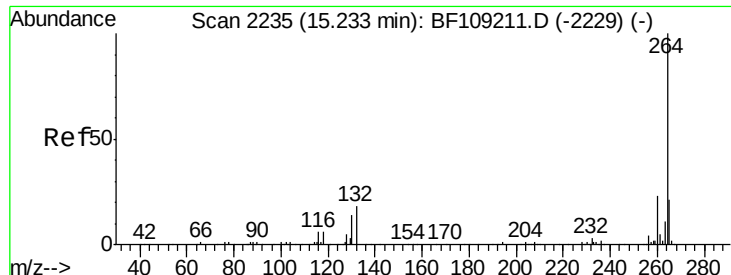


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	194987
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

