

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109448.D
 Acq On : 28 Sep 2018 23:22
 Operator : JU/SJ
 Sample : J5101-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1329

Quant Time: Sep 29 02:14:51 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

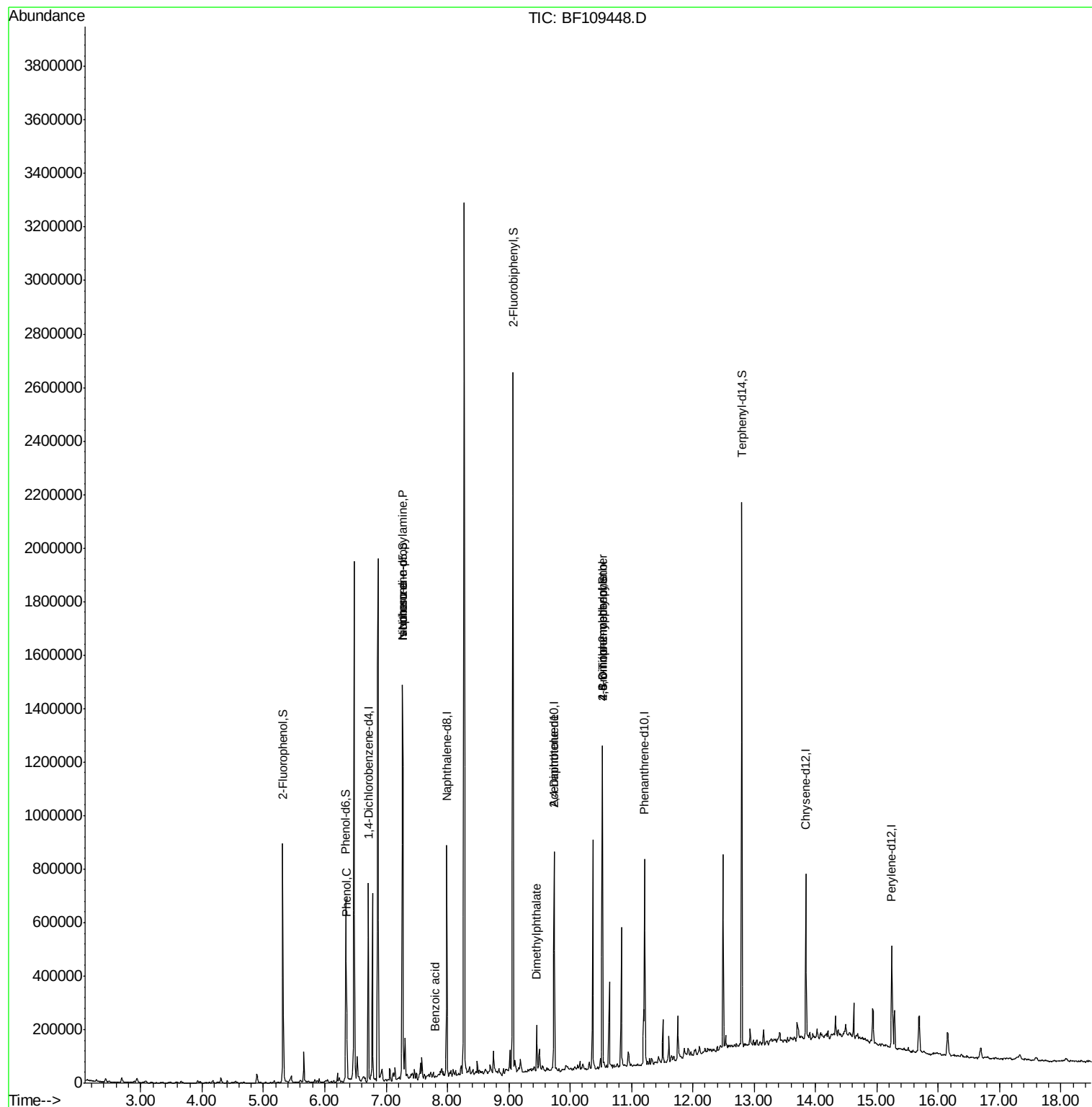
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102846	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	347581	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	140065	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247156	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199904	20.00	ng	0.00
86) Perylene-d12	15.24	264	165519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	263787	42.25	ng	0.00
7) Phenol-d6	6.35	99	209172	26.25	ng	-0.01
23) Nitrobenzene-d5	7.27	82	466209	79.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	147932	107.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	778972	83.88	ng	0.00
78) Terphenyl-d14	12.80	244	691795	84.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32780	3.633	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	65998	12.641	ng	# 79
25) Isophorone	7.27	82	423048	39.899	ng	# 64
32) Benzoic acid	7.79	122	275	6.872	ng	# 1
49) Dimethylphthalate	9.46	163	58568	5.749	ng	98
56) 2,4-Dinitrotoluene	9.74	165	18396	7.206	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	319	6.798	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	8861	3.229	ng	# 1

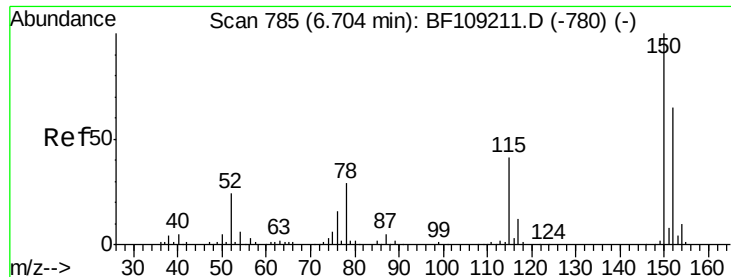
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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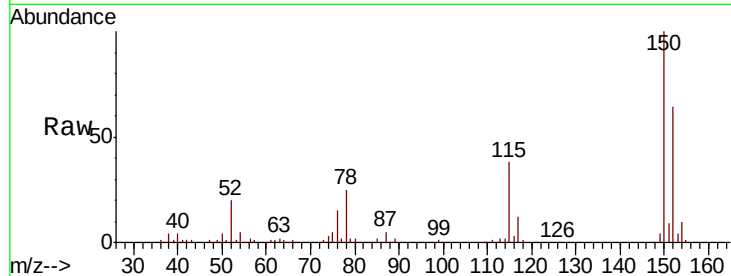


#1

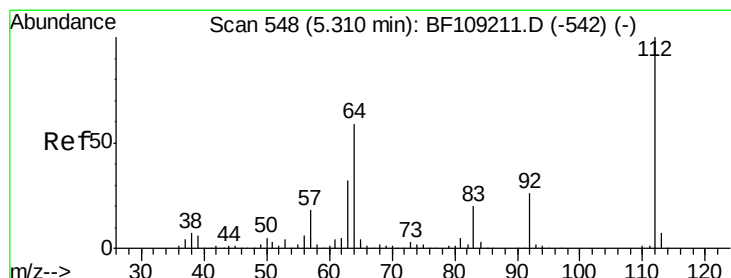
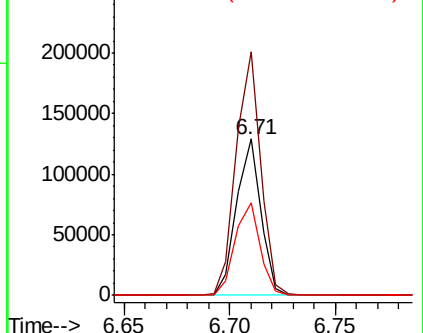
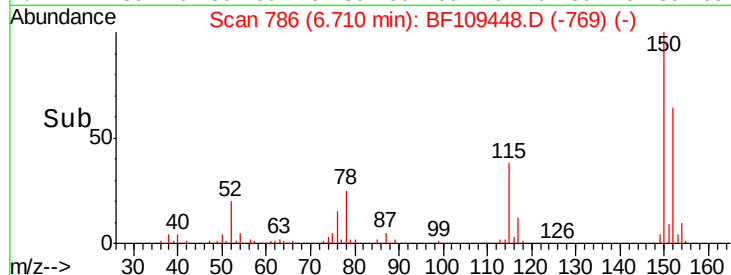
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Instrument :
BNA_F
ClientSampleId :
C-1329

Tgt Ion:152 Resp: 102846
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.0 50.1 75.1



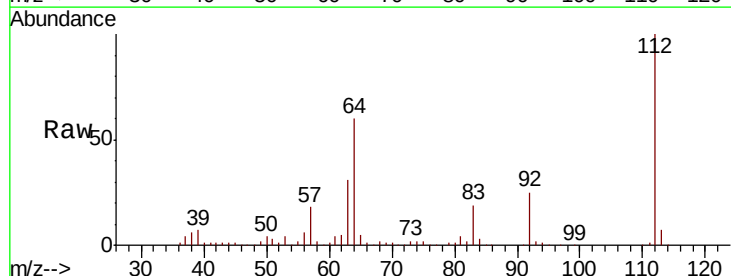
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



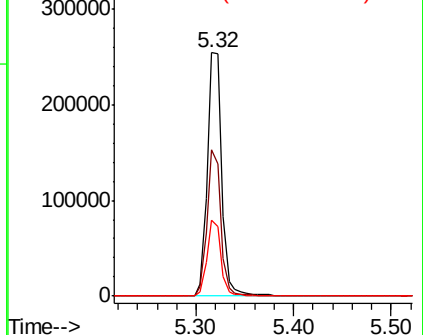
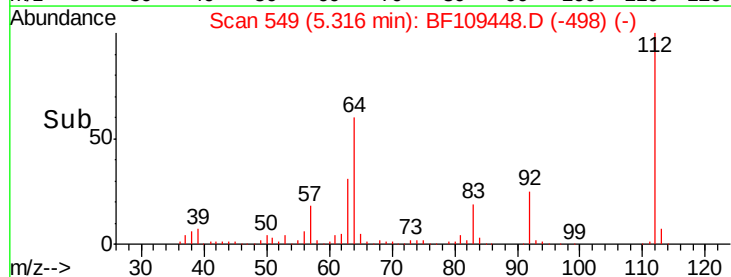
#5

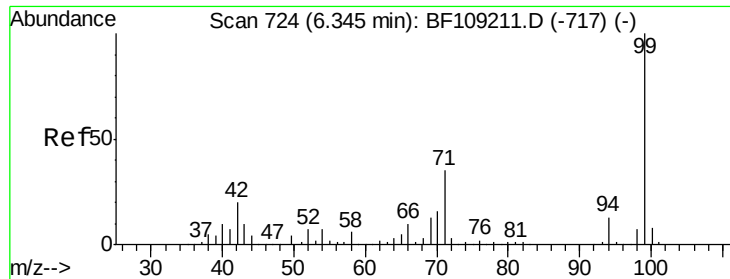
2-Fluorophenol
Concen: 42.245 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion:112 Resp: 263787
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.0 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: 26.252 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

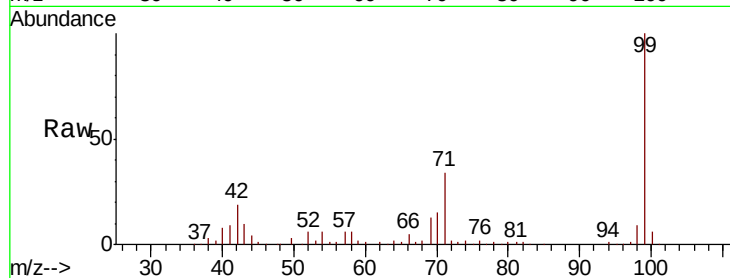
Tgt Ion: 99 Resp: 209172

Ion Ratio Lower Upper

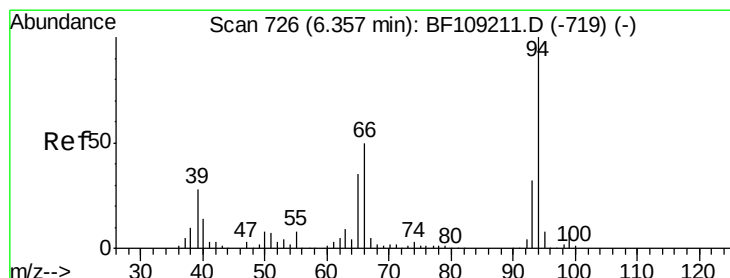
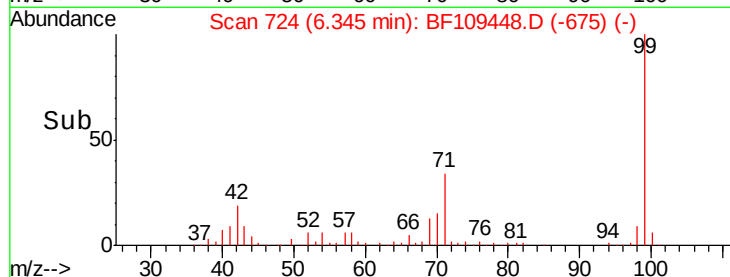
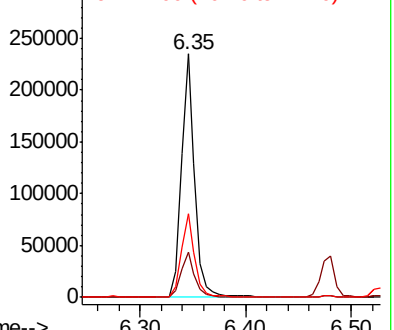
99 100

42 18.7 14.5 21.7

71 34.1 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: 3.633 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

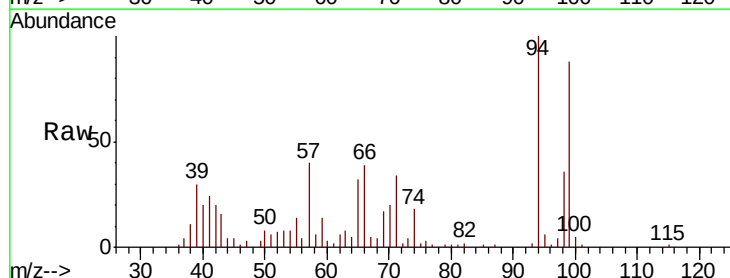
Tgt Ion: 94 Resp: 32780

Ion Ratio Lower Upper

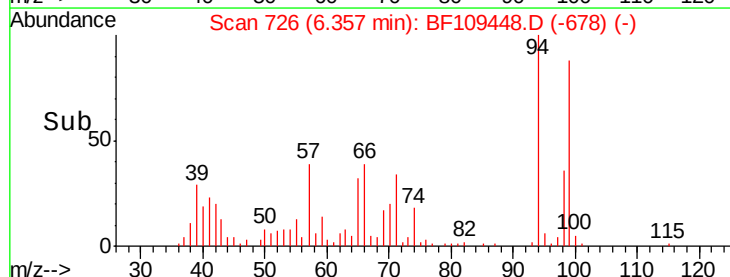
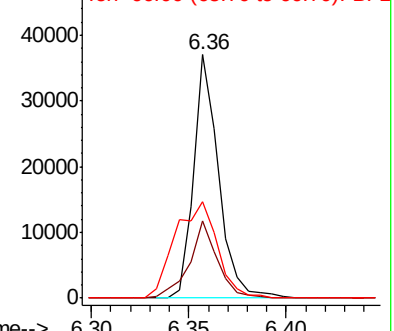
94 100

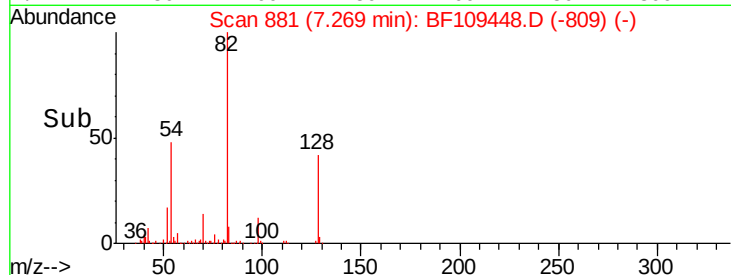
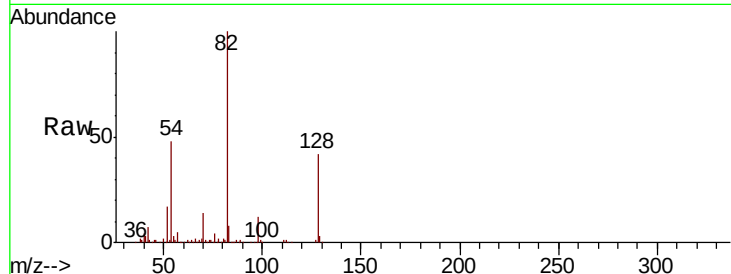
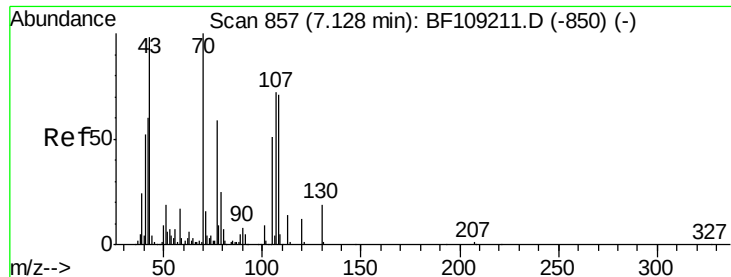
65 31.7 7.9 47.9

66 39.4 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

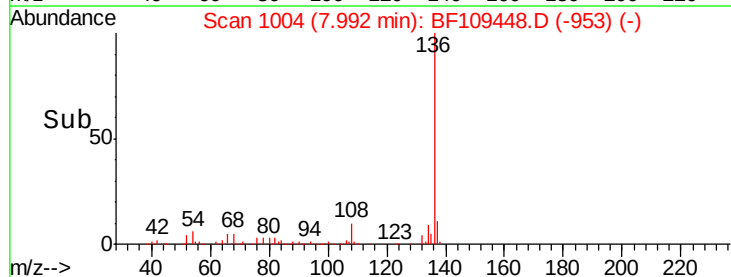
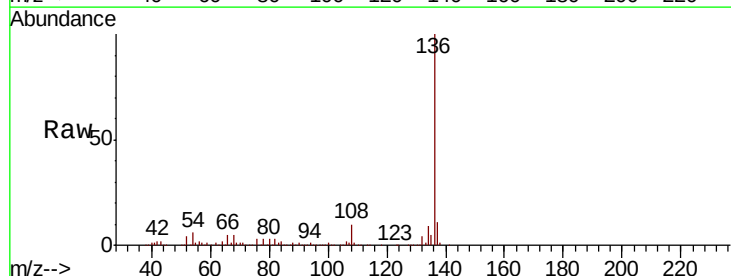
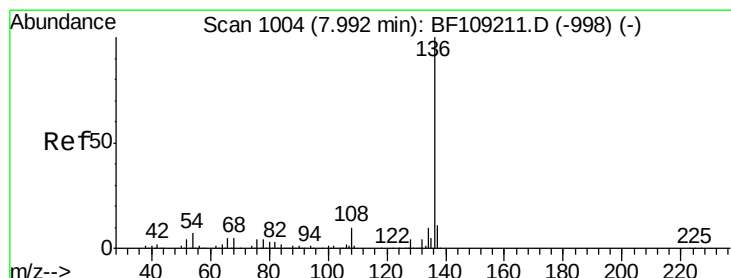
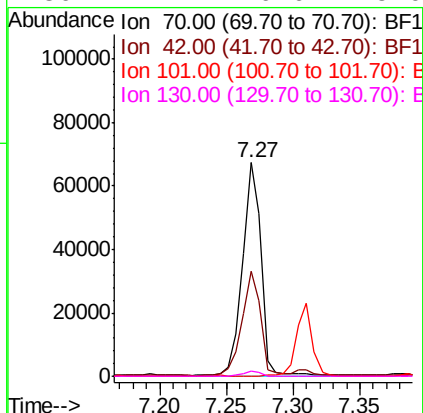




#19
n-Nitroso-di-n-propylamine
Concen: 12.641 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

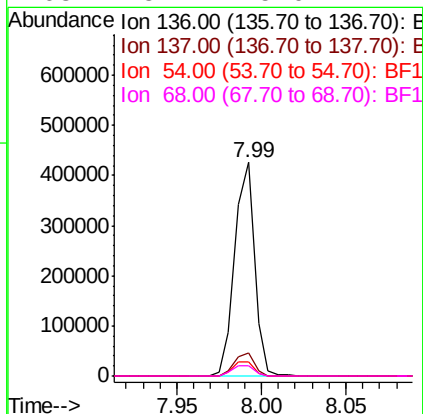
Instrument :
BNA_F
ClientSampled :
C-1329

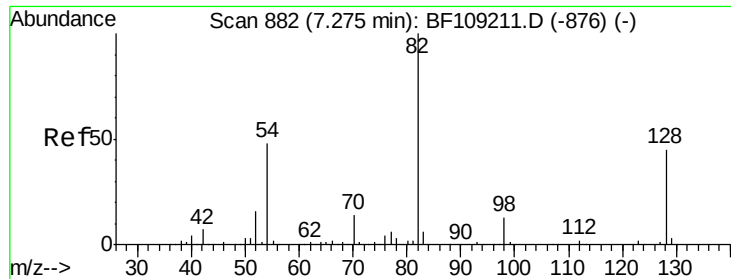
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.1	5.0	7.4

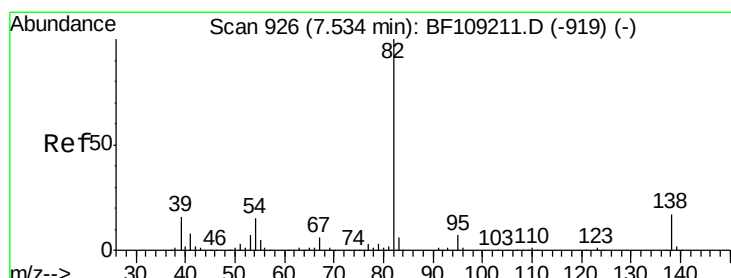
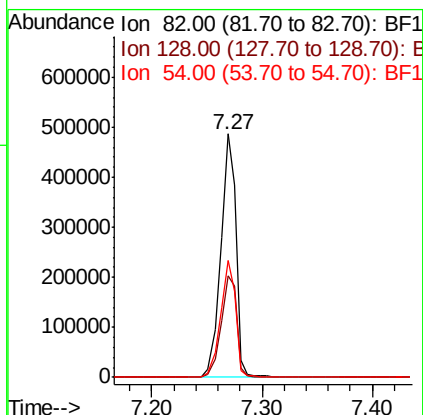
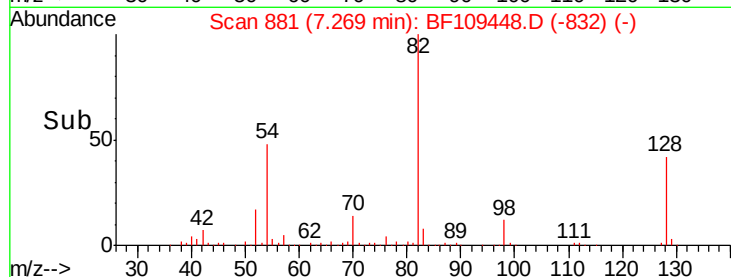
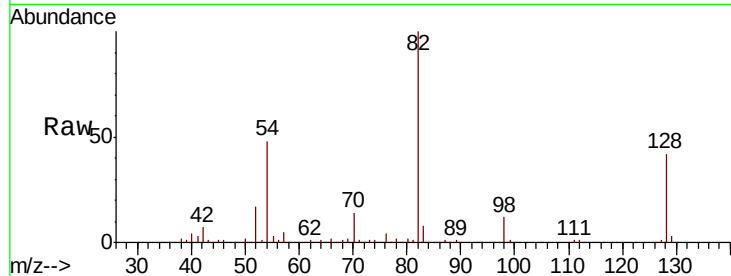




#23
 Nitrobenzene-d5
 Concen: 79.179 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

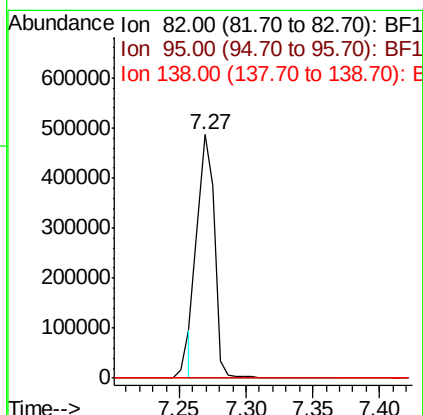
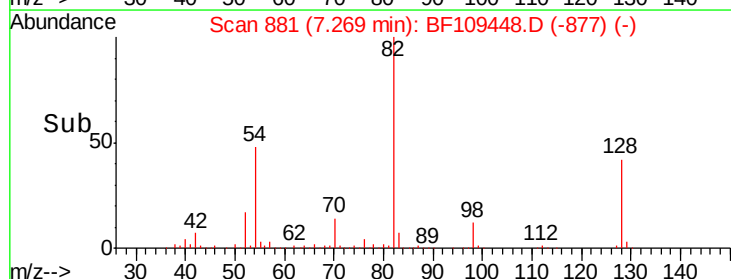
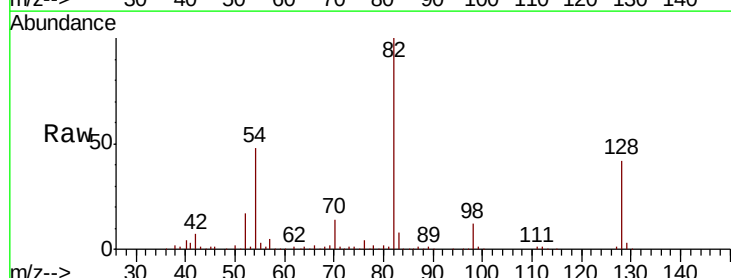
Instrument :
 BNA_F
 ClientSampleId :
 C-1329

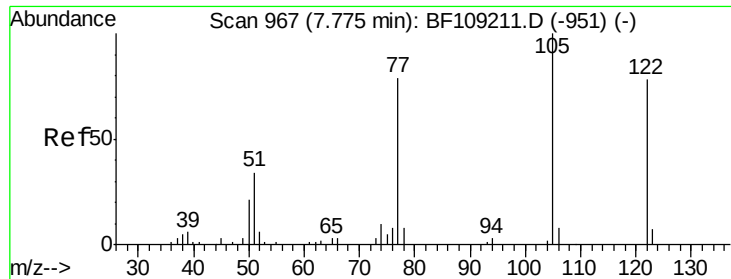
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	48.2	41.4	62.2



#25
 Isophorone
 Concen: 39.899 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

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





#32

Benzoic acid

Concen: 6.872 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

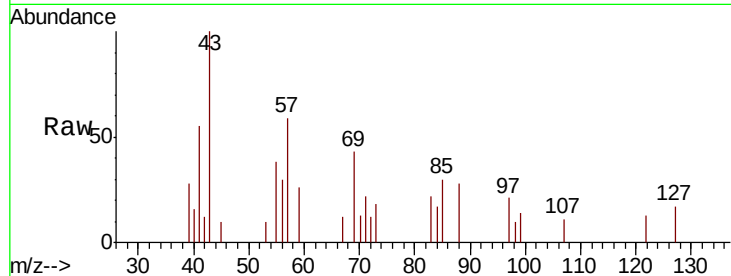
BNA_F

ClientSampled :

C-1329

Tgt Ion:122 Resp: 275

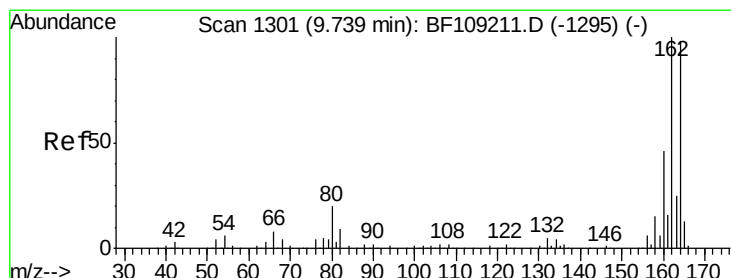
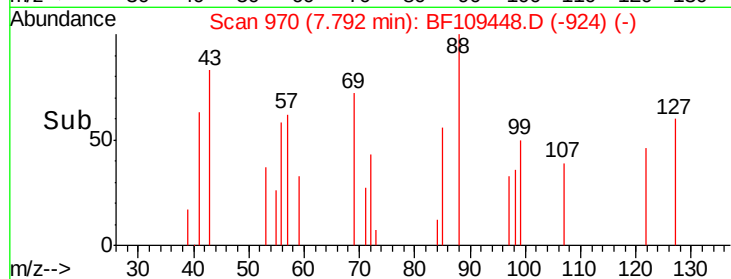
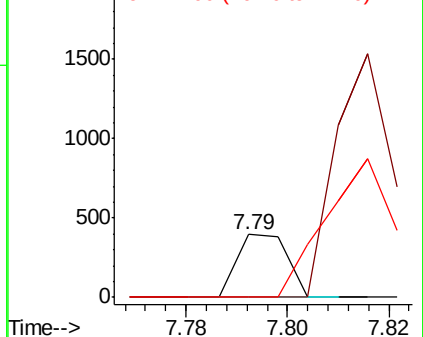
Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



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

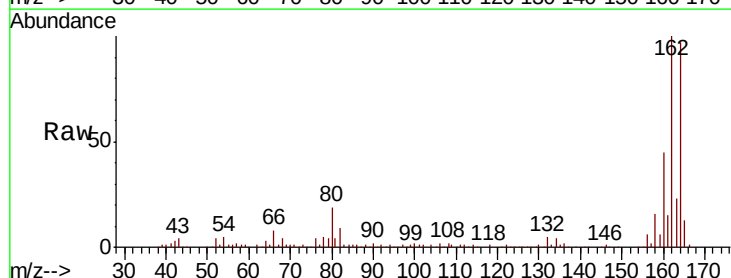
Delta R.T. 0.00 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Tgt Ion:164 Resp: 140065

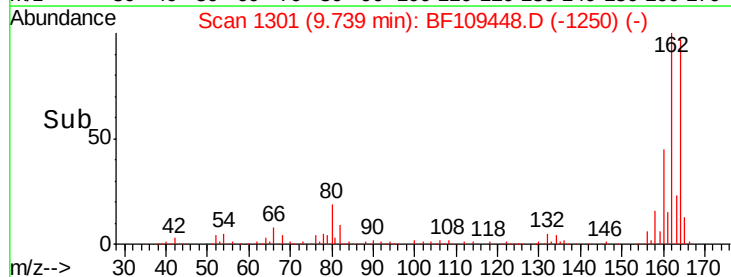
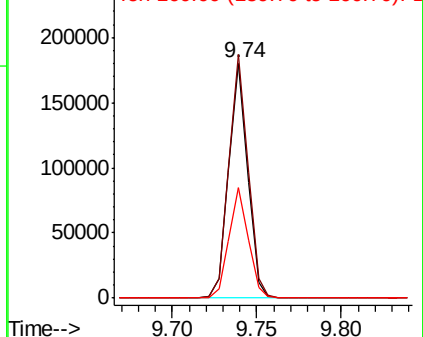
Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.8	38.3	57.5

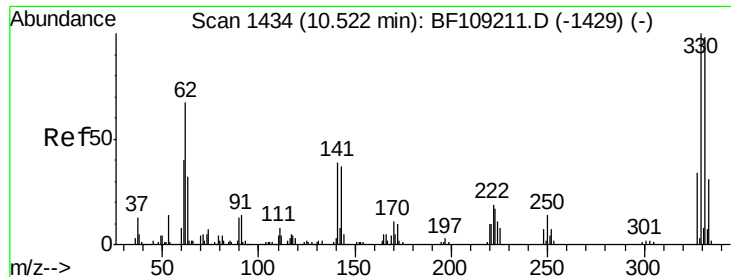


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

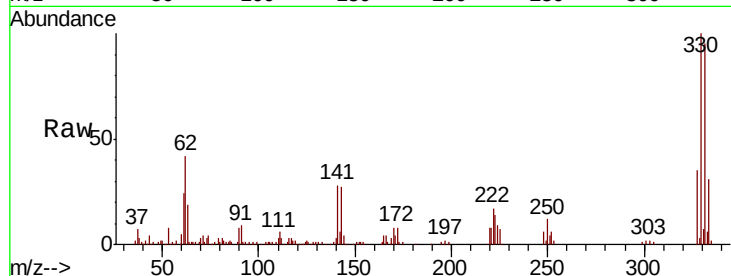




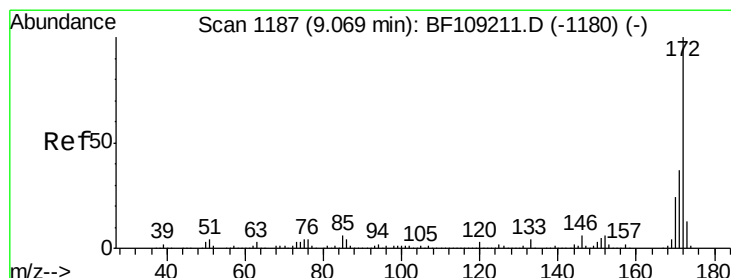
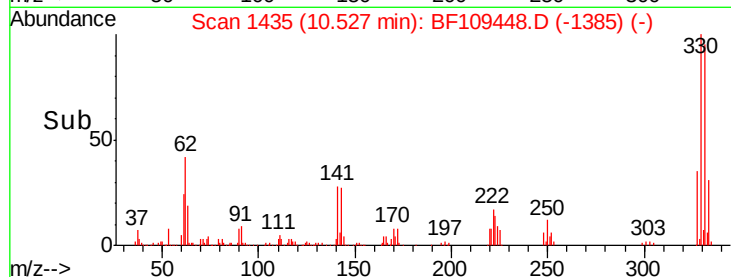
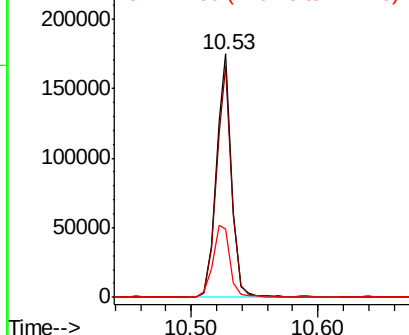
#41
 2,4,6-Tribromophenol
 Concen: 107.139 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

Instrument :
 BNA_F
 ClientSampled :
 C-1329

Tgt Ion:330 Resp: 147932
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.7 29.9 44.9

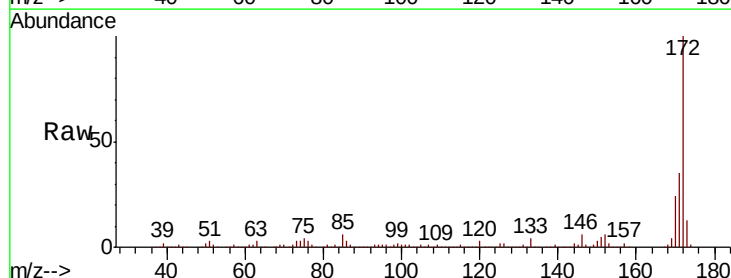


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

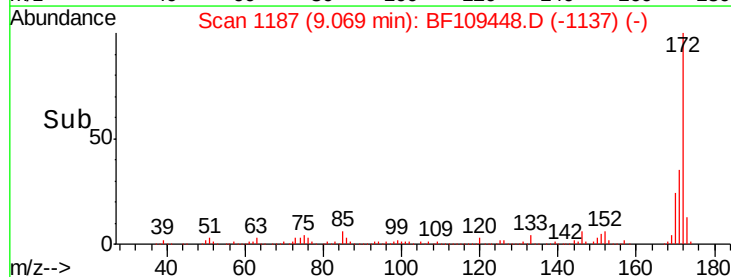
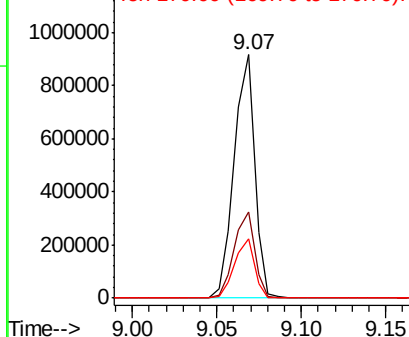


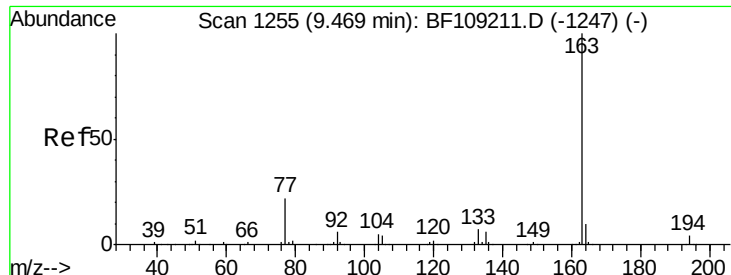
#44
 2-Fluorobiphenyl
 Concen: 83.878 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109448.D
 Acq: 28 Sep 2018 23:22

Tgt Ion:172 Resp: 778972
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.3 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

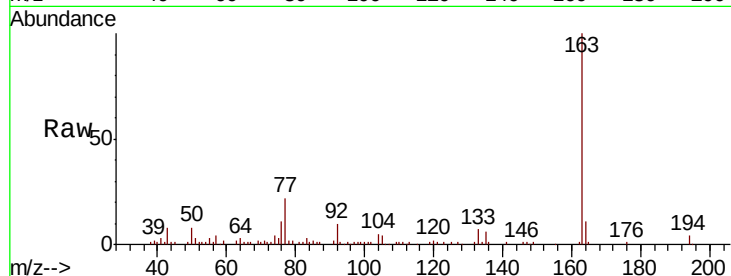




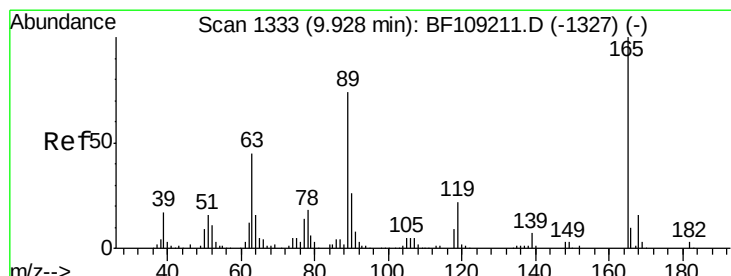
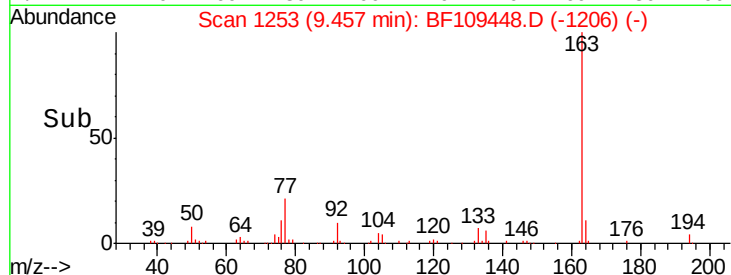
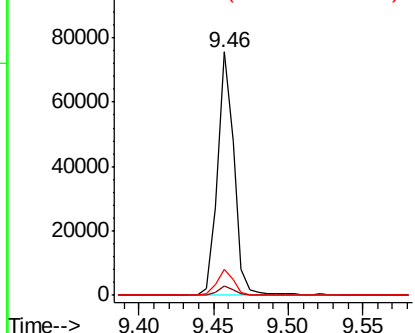
#49
Dimethylphthalate
Concen: 5.749 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Instrument :
BNA_F
ClientSampleId :
C-1329

Tgt Ion:163 Resp: 58568
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2

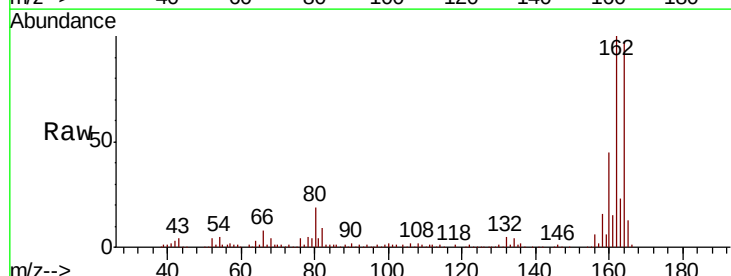


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

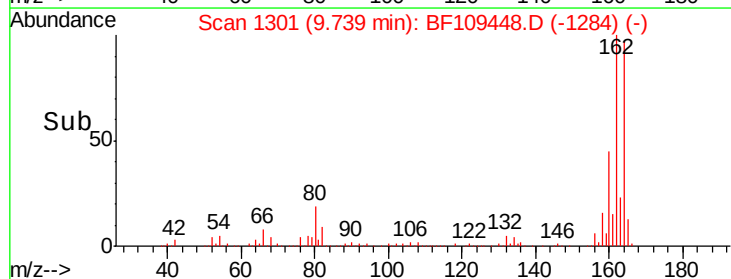
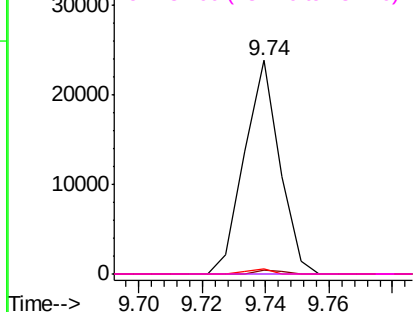


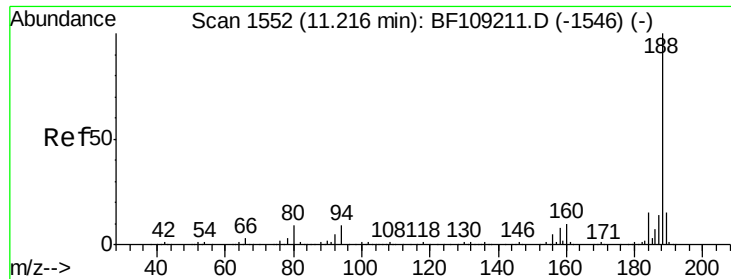
#56
2,4-Dinitrotoluene
Concen: 7.206 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion:165 Resp: 18396
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 2.3 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: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

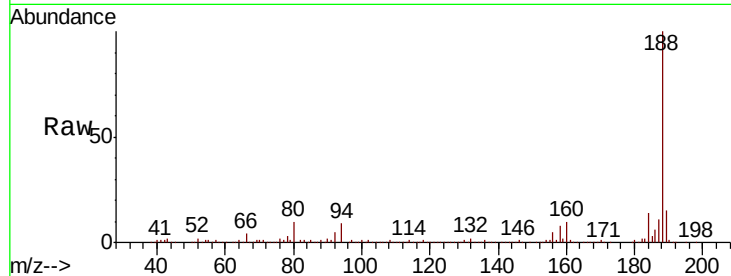
Tgt Ion:188 Resp: 247156

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

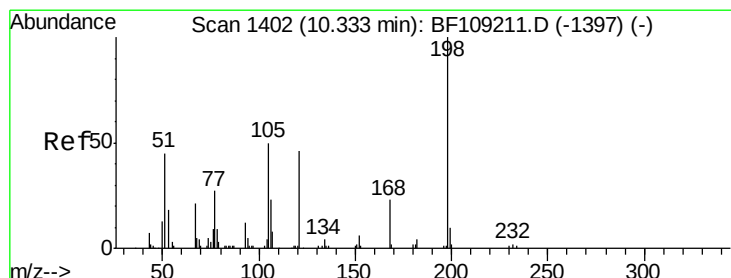
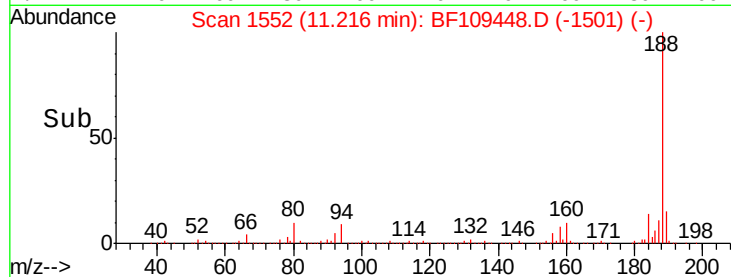
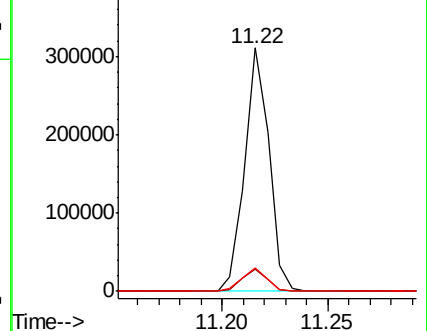
80 9.7 9.2 13.8



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: 6.798 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

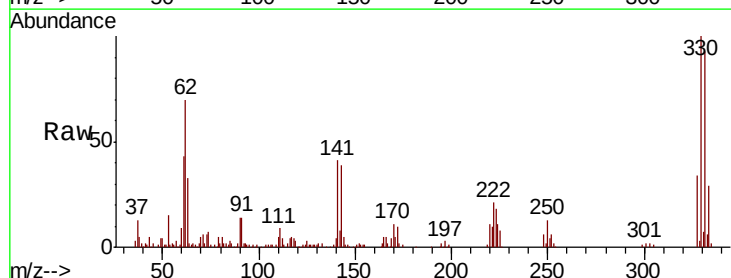
Tgt Ion:198 Resp: 319

Ion Ratio Lower Upper

198 100

51 202.2 37.7 77.7#

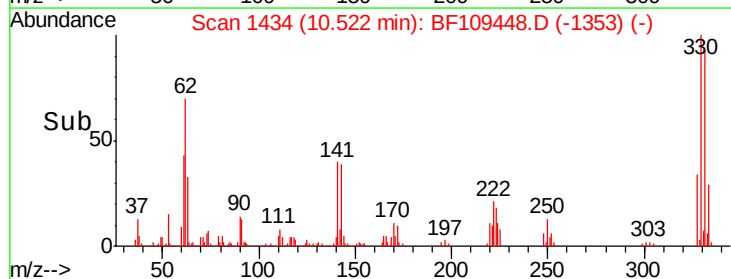
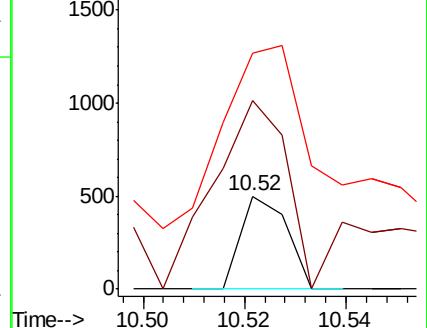
105 253.9 36.3 76.3#

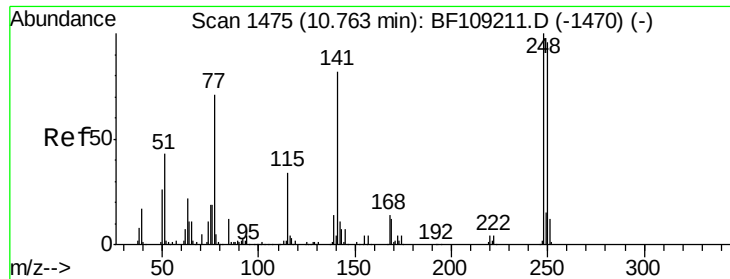


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

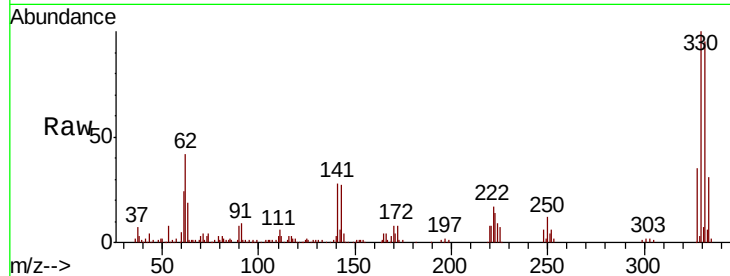




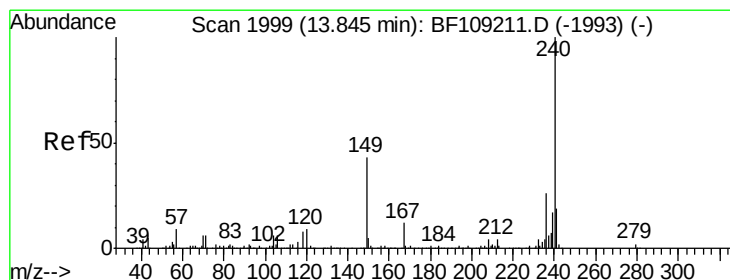
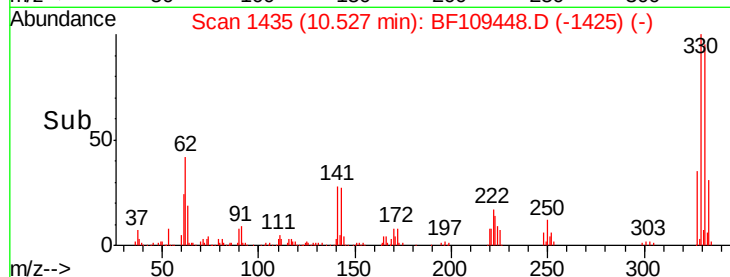
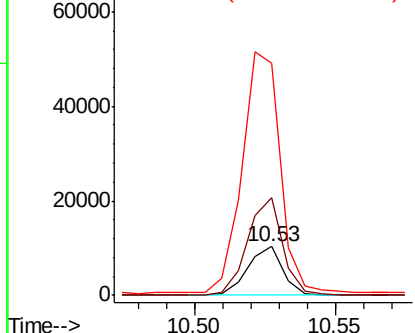
#66
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Instrument :
BNA_F
ClientSampleId :
C-1329

Tgt Ion:248 Resp: 8861
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 478.0 74.4 111.6#

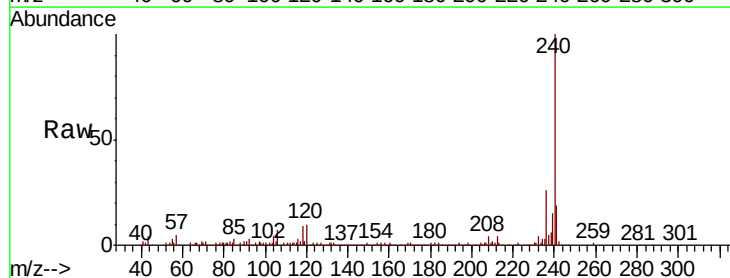


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

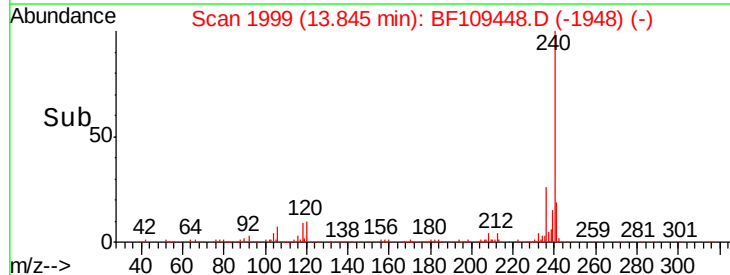
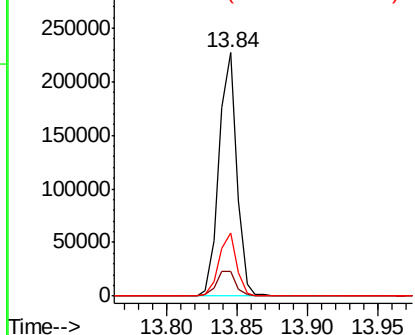


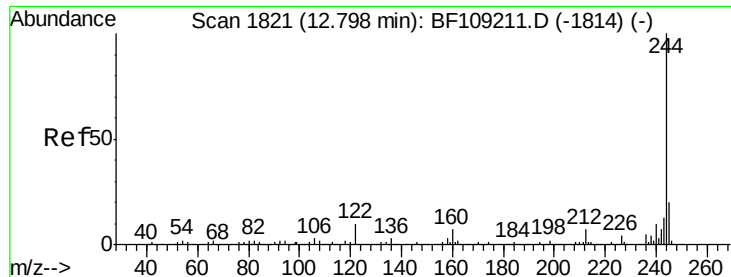
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109448.D
Acq: 28 Sep 2018 23:22

Tgt Ion:240 Resp: 199904
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.7 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: 84.930 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109448.D

Acq: 28 Sep 2018 23:22

Instrument :

BNA_F

ClientSampleId :

C-1329

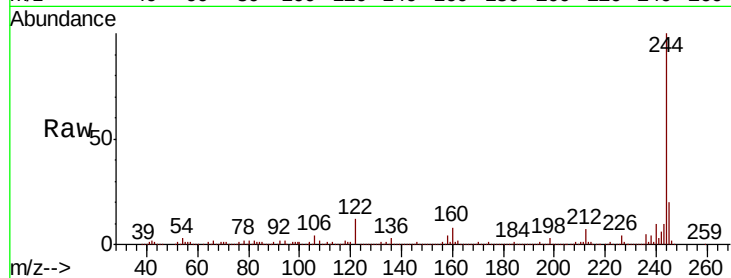
Tgt Ion:244 Resp: 691795

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

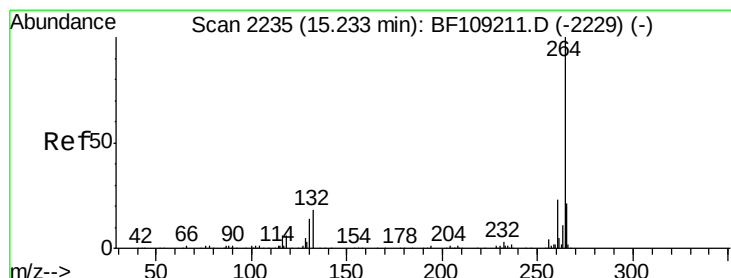
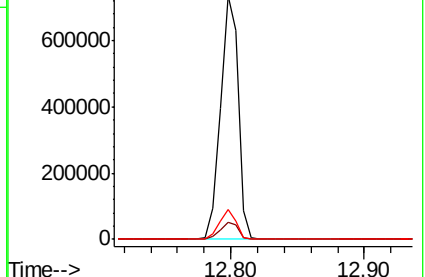
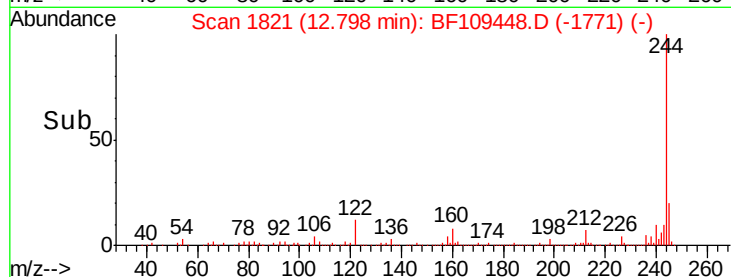
122 12.4 11.0 16.4



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: BF109448.D

Acq: 28 Sep 2018 23:22

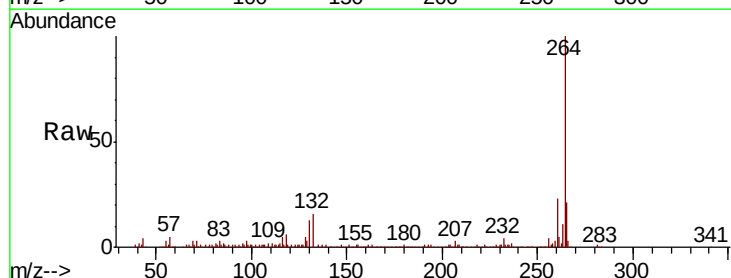
Tgt Ion:264 Resp: 165519

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

