

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109295.D
 Acq On : 25 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J5070-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:27:00 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	120547	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	448712	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	203585	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340649	20.00	ng	0.00
75) Chrysene-d12	13.85	240	267106	20.00	ng	0.00
86) Perylene-d12	15.25	264	204815	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	723660	98.88	ng	0.02
7) Phenol-d6	6.35	99	855259	91.58	ng	0.00
23) Nitrobenzene-d5	7.27	82	632355	83.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	225283	112.25	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1147657	85.02	ng	0.00
78) Terphenyl-d14	12.80	244	1000156	91.89	ng	0.00

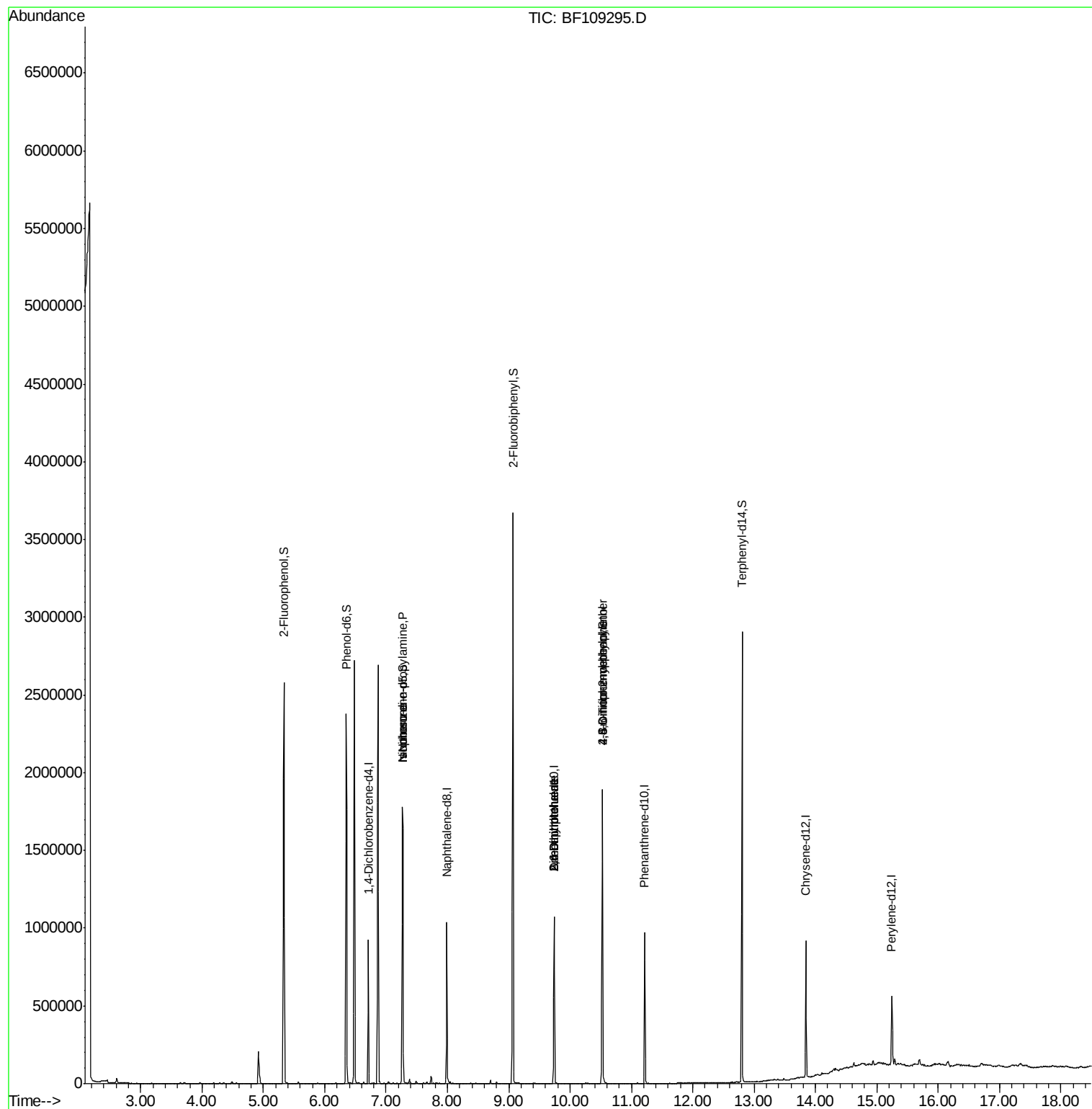
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	85756	14.014	ng	# 79
25) Isophorone	7.27	82	571726	41.769	ng	# 64
49) Dimethylphthalate	9.75	163	58907	3.978	ng	# 1
50) 2,6-Dinitrotoluene	9.74	165	25099	8.558	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	25099	6.764	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.53	198	365	6.751	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	13409	3.545	ng	# 1

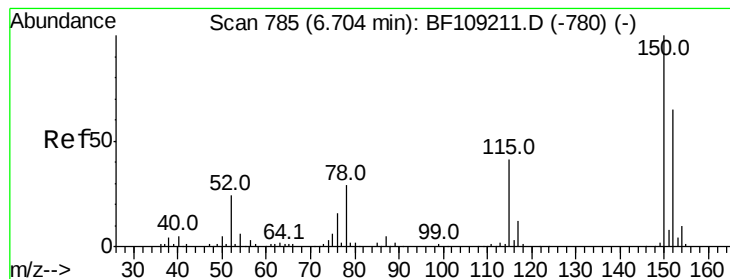
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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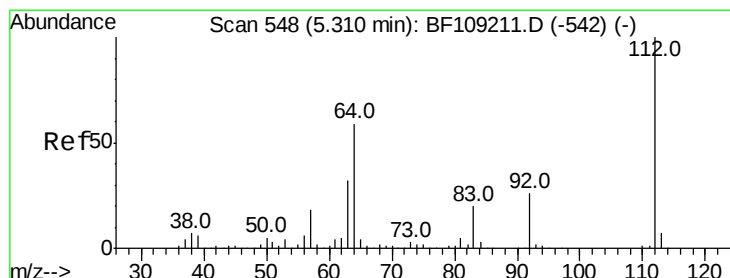
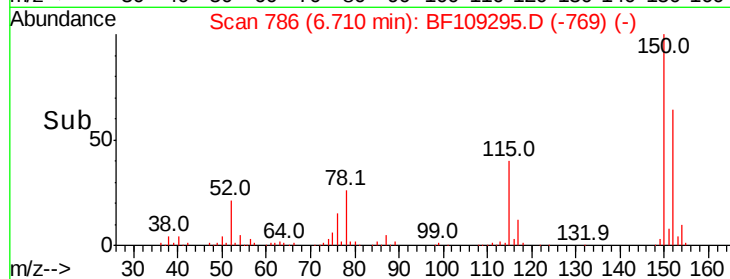
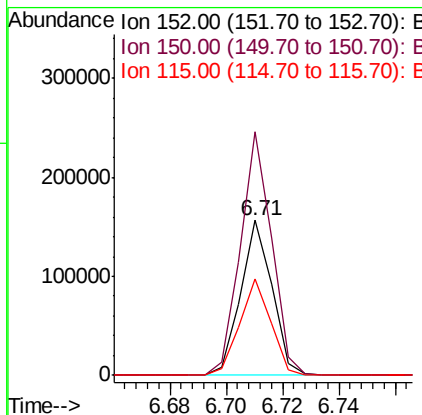
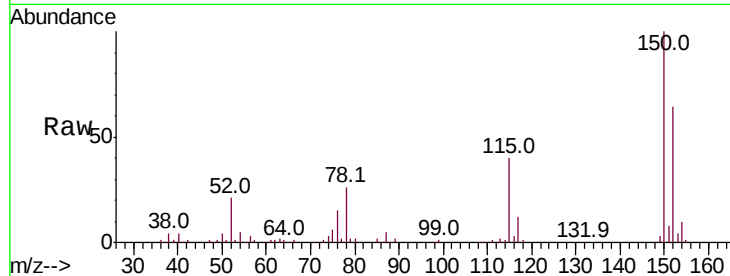


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :

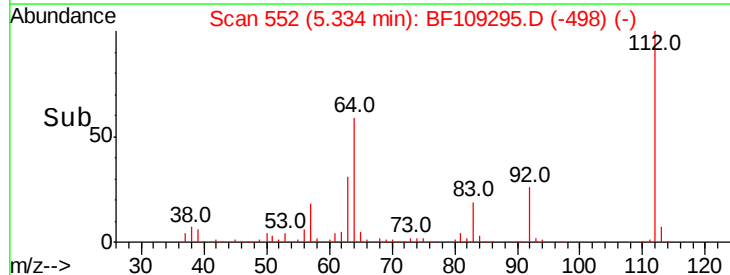
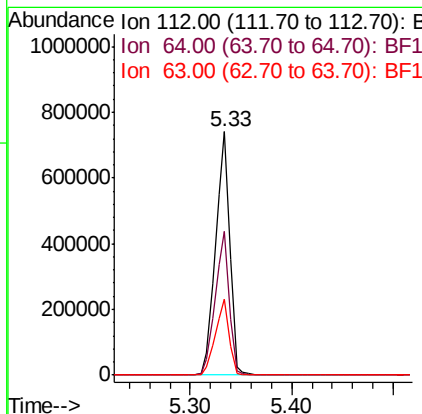
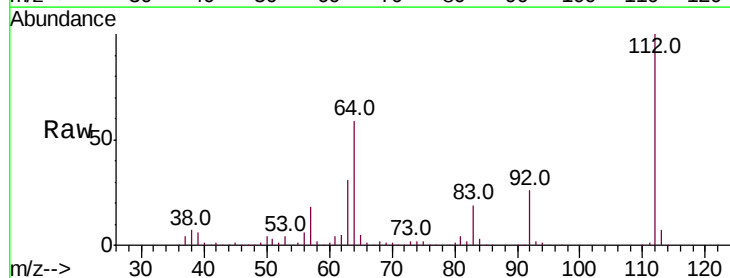
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.4	50.1	75.1



#5

2-Fluorophenol
 Concen: 98.876 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 91.578 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

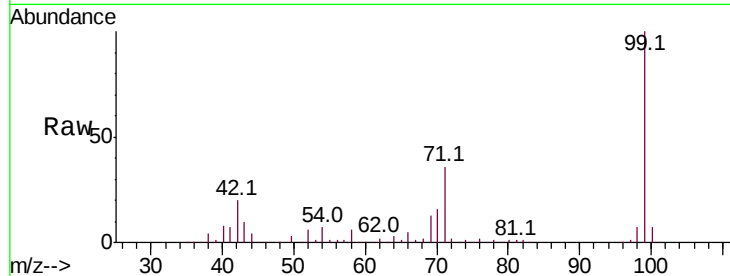
Tot Ion: 99 Resp: 855259

Ion Ratio Lower Upper

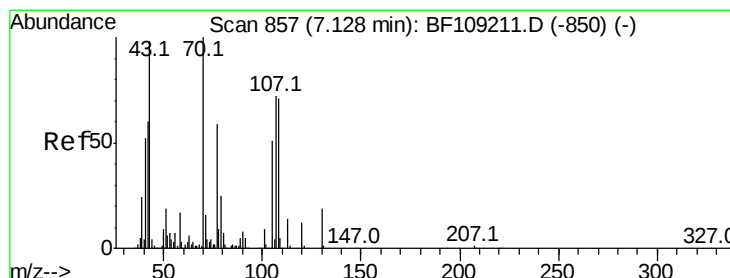
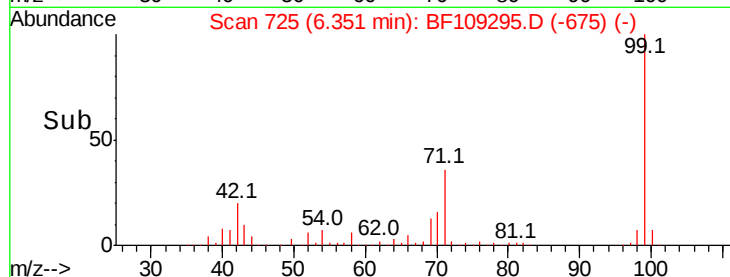
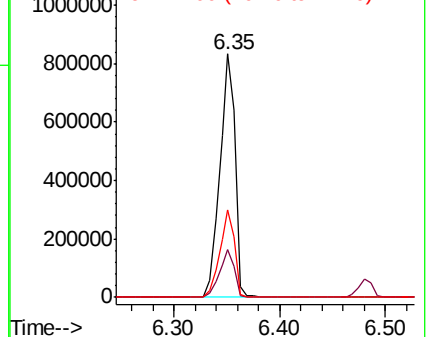
99 100

42 19.9 14.5 21.7

71 36.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.014 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

Tgt Ion: 70 Resp: 85756

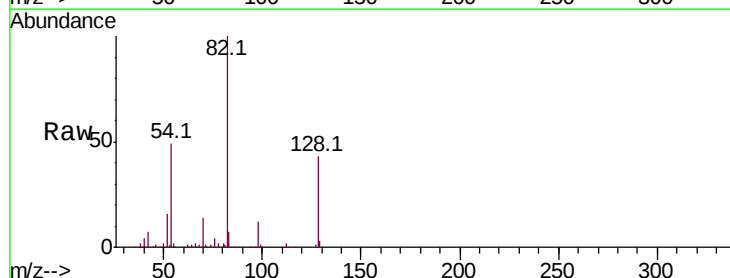
Ion Ratio Lower Upper

70 100

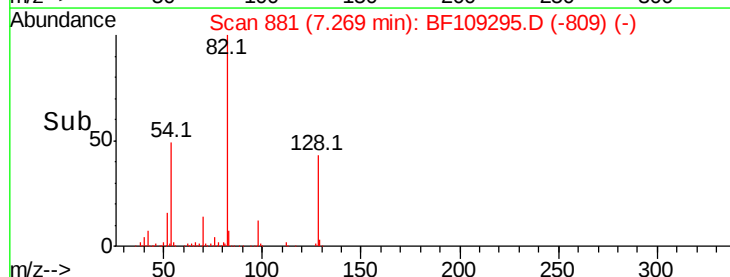
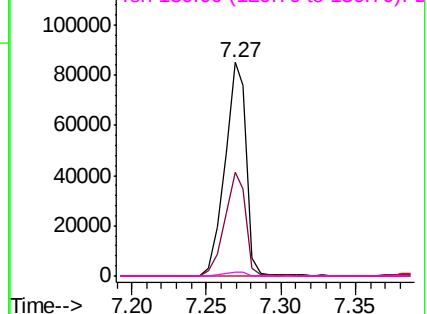
42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 448712

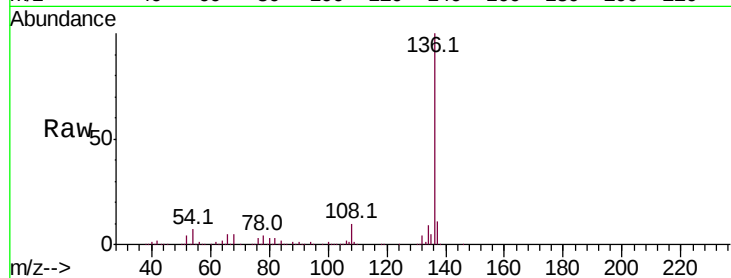
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.7 6.6 9.8

68 5.4 5.0 7.4

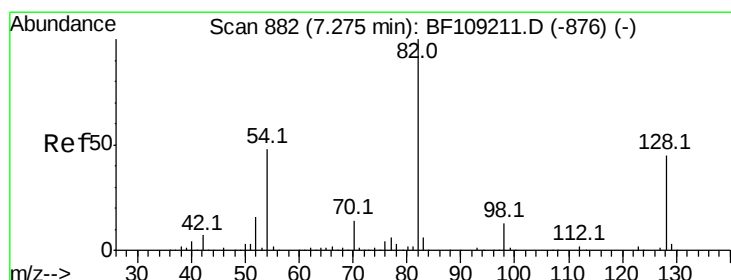
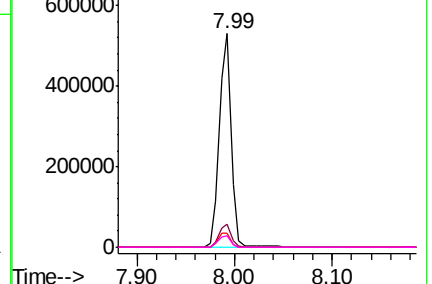
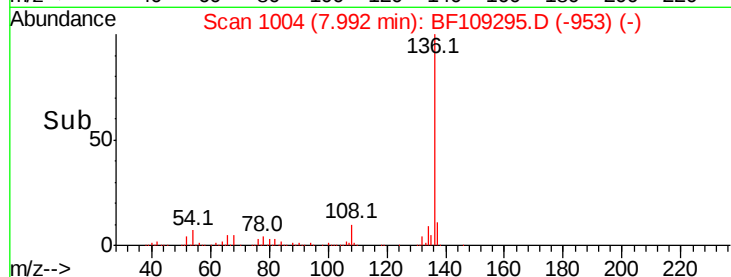


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 83.191 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109295.D

Acq: 25 Sep 2018 19:29

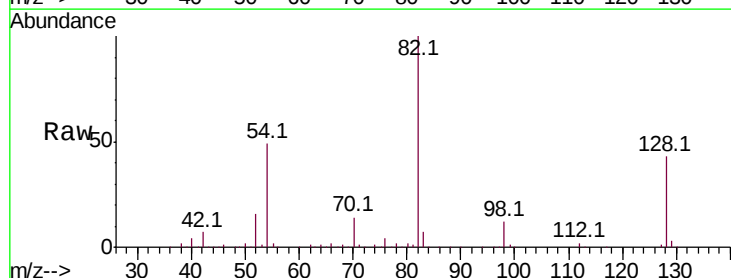
Tgt Ion: 82 Resp: 632355

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

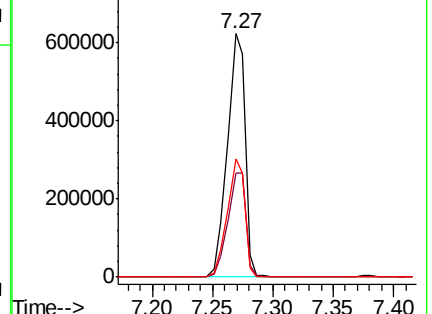
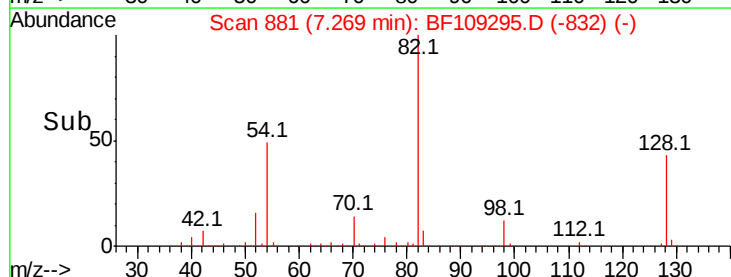
54 48.7 41.4 62.2

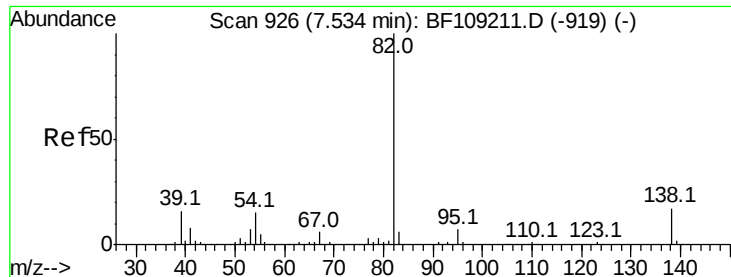


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

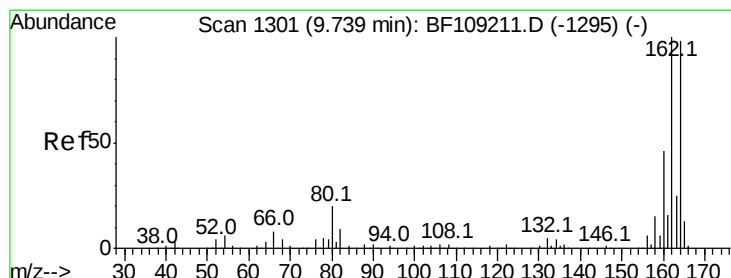
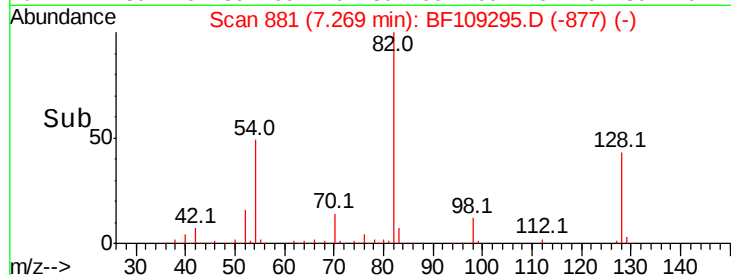
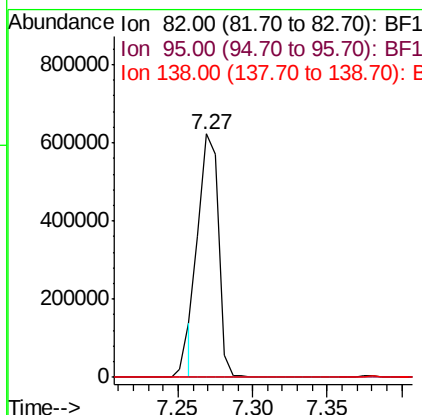
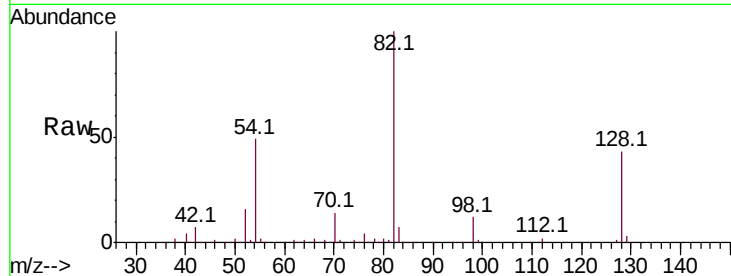




#25
Isophorone
Concen: 41.769 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

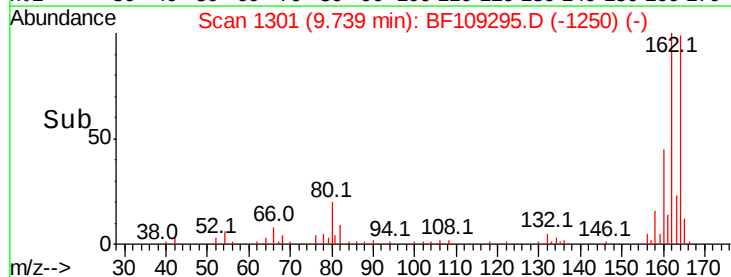
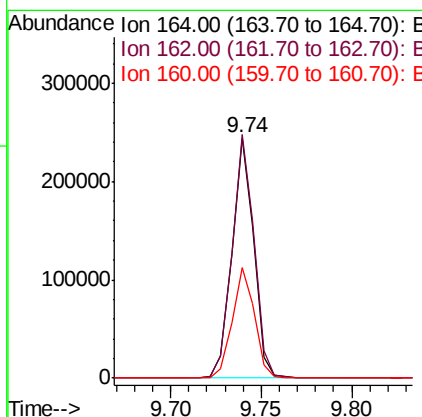
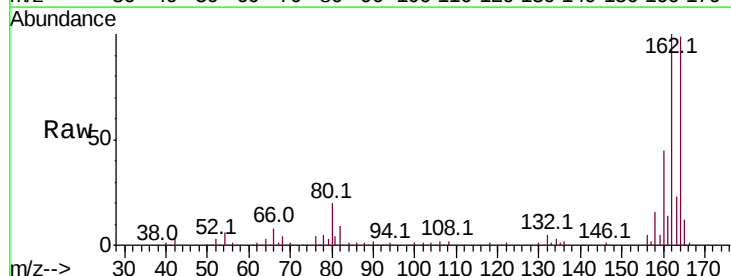
Instrument :
BNA_F
ClientSampled :

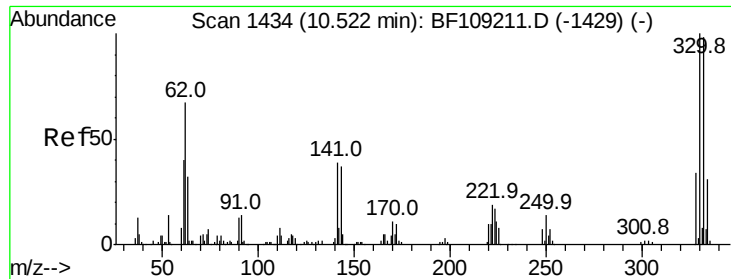
Tot Ion: 82 Resp: 571726
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

Tgt Ion:164 Resp: 203585
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.8 38.3 57.5

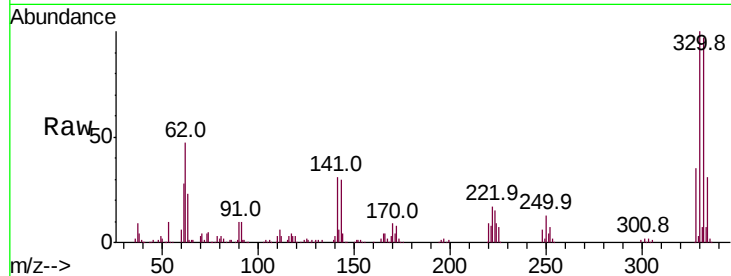




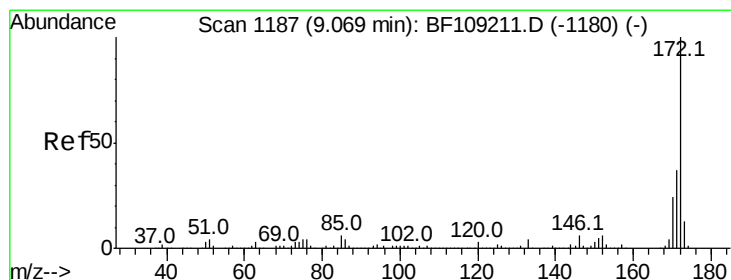
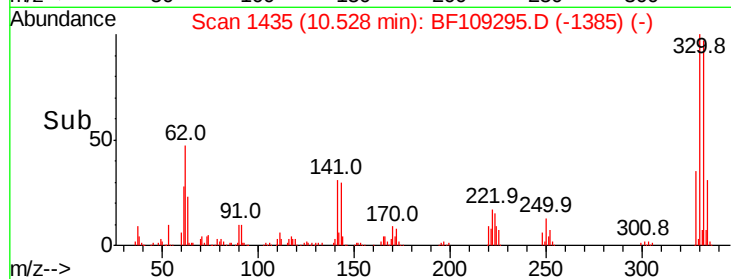
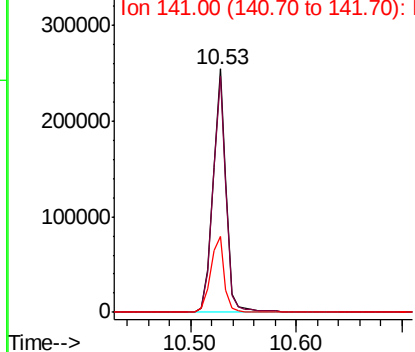
#41
 2,4,6-Tribromophenol
 Concen: 112.253 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.3	29.9	44.9

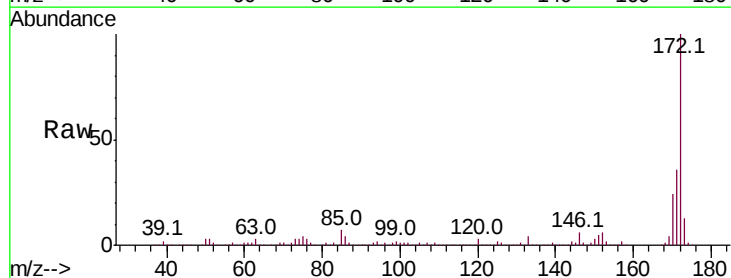


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

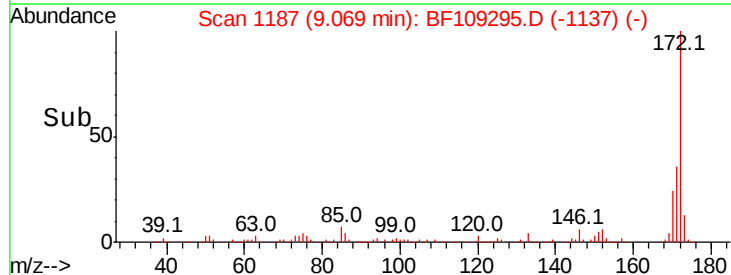
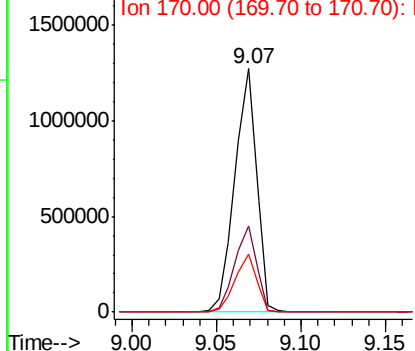


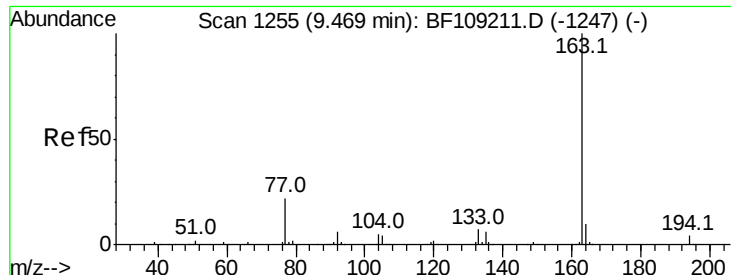
#44
 2-Fluorobiphenyl
 Concen: 85.020 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	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

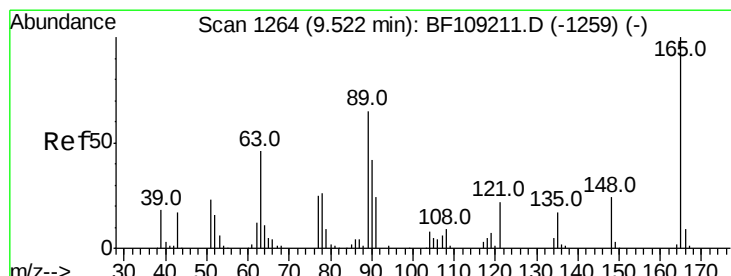
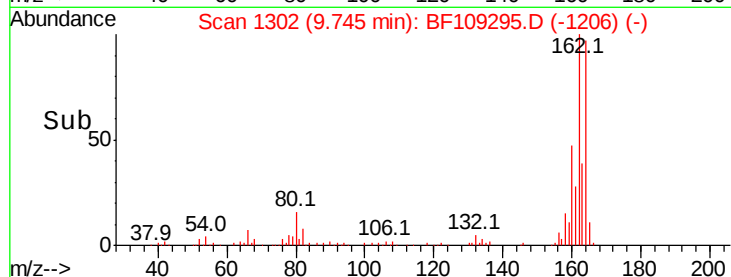
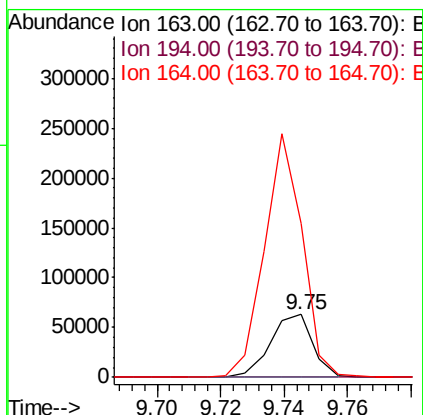
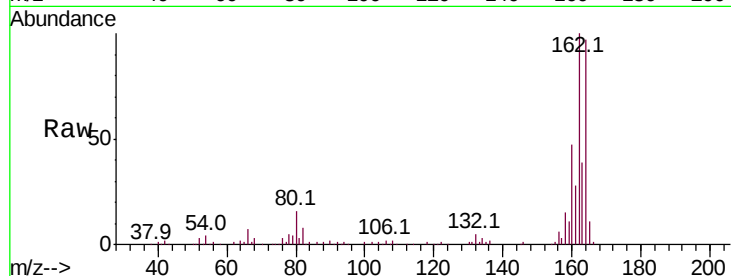




#49
Dimethylphthalate
Concen: 3.978 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.26 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

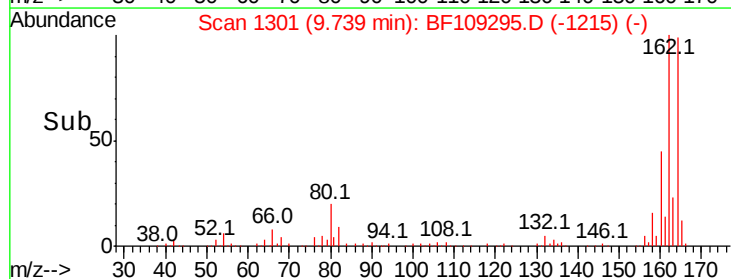
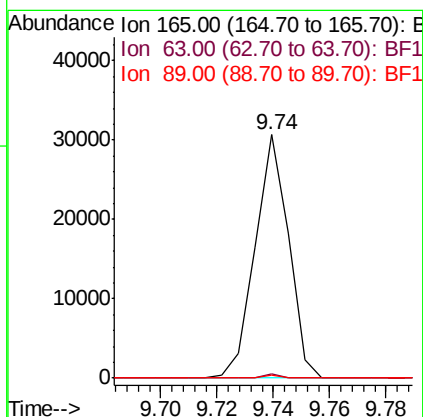
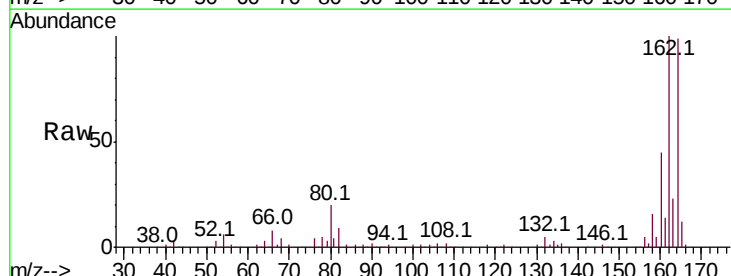
Instrument :
BNA_F
ClientSampleId :

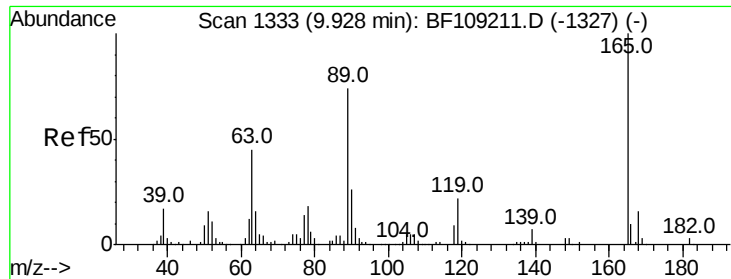
Tot Ion:163 Resp: 58907
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 247.0 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

Tgt Ion:165 Resp: 25099
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.4 44.0 66.0#

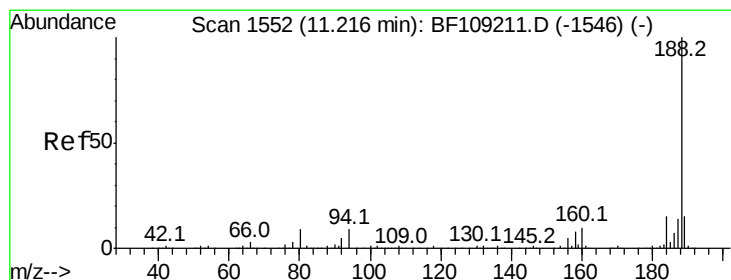
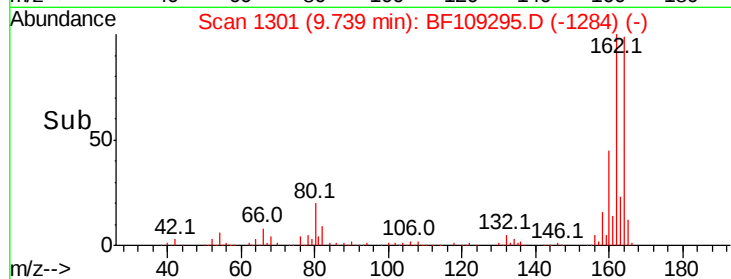
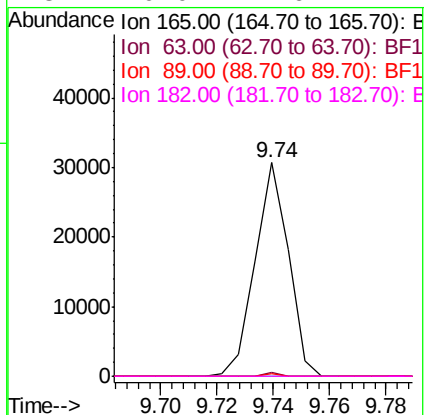
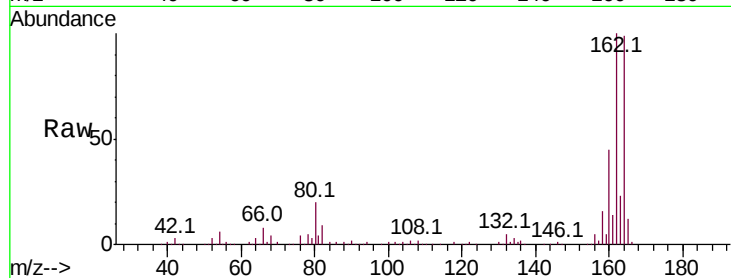




#56
 2,4-Dinitrotoluene
 Concen: 6.764 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

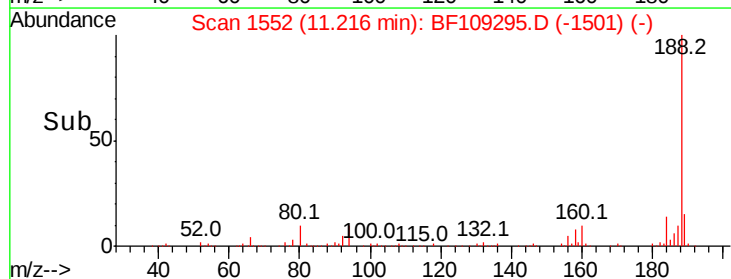
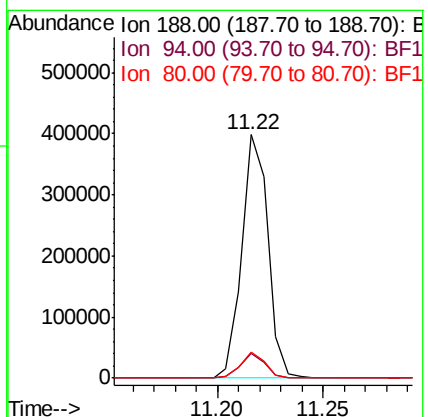
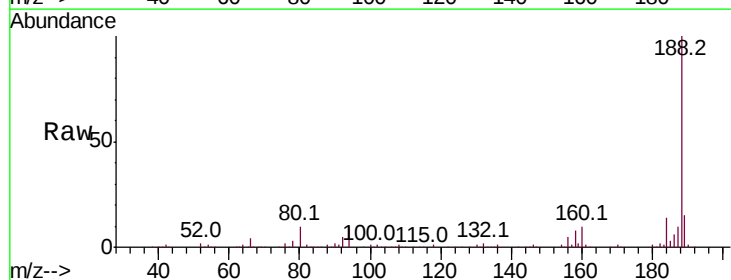
Instrument :
 BNA_F
 ClientSampleId :

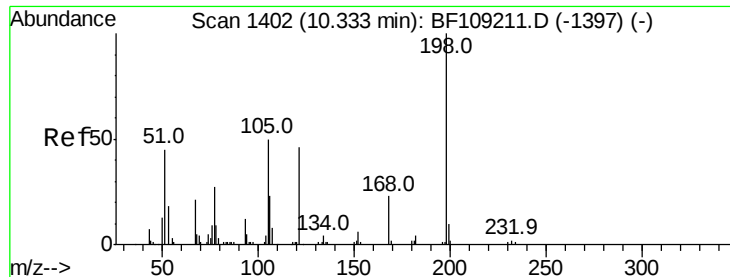
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8

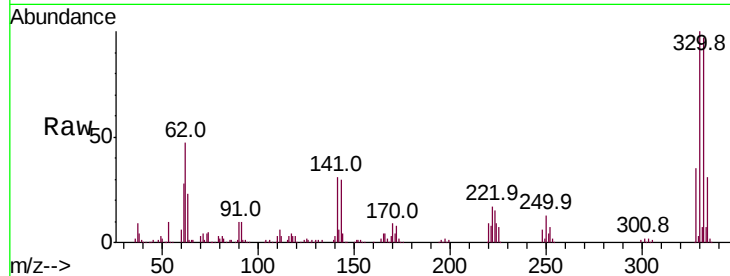




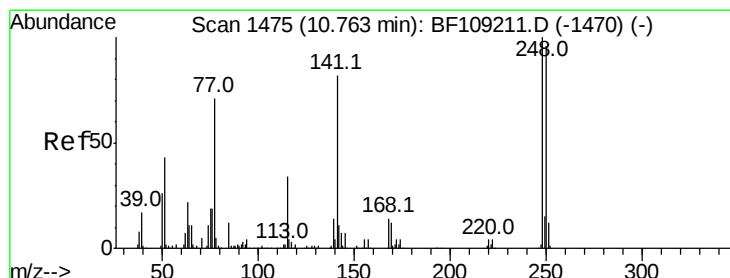
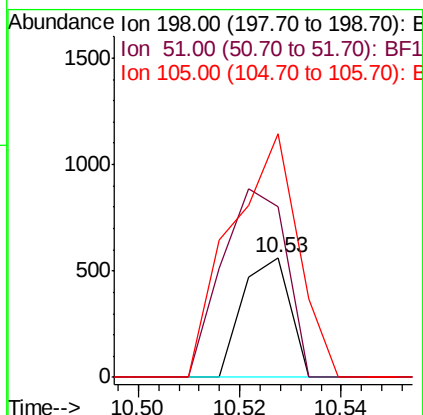
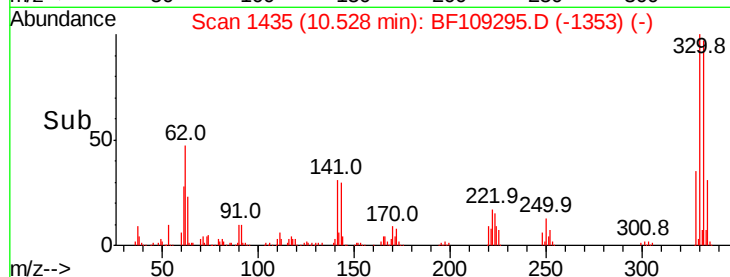
#64
4,6-Dinitro-2-methylphenol
Concen: 6.751 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 365
Ion Ratio Lower Upper
198 100
51 142.2 37.7 77.7#
105 202.8 36.3 76.3#

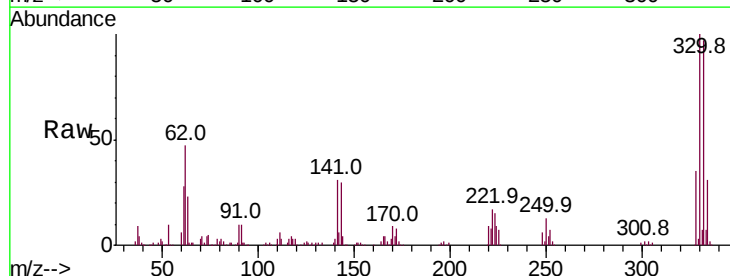


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

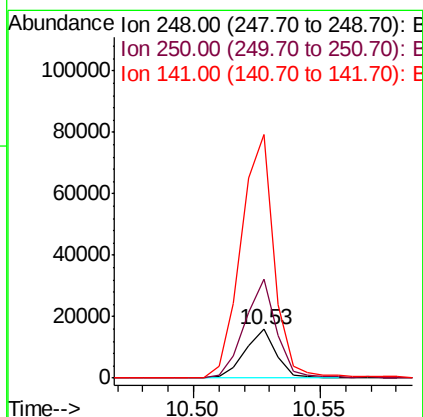
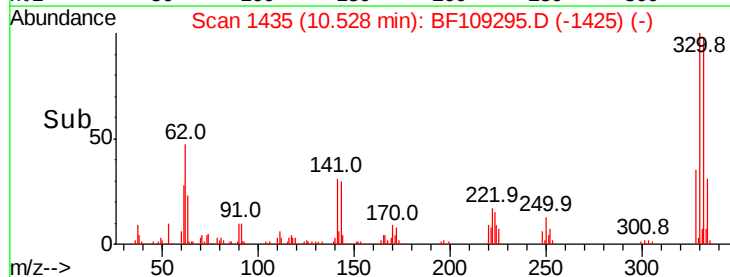


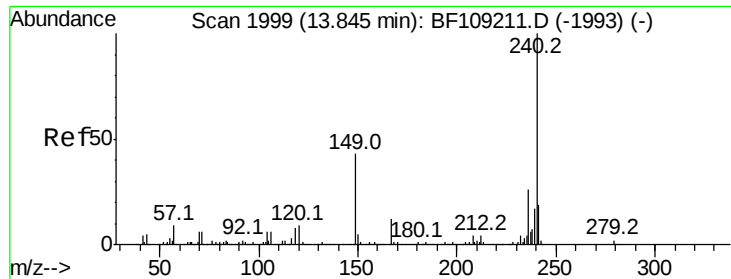
#66
4-Bromophenyl-phenylether
Concen: 3.545 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109295.D
Acq: 25 Sep 2018 19:29

Tgt Ion:248 Resp: 13409
Ion Ratio Lower Upper
248 100
250 202.6 76.9 115.3#
141 500.3 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

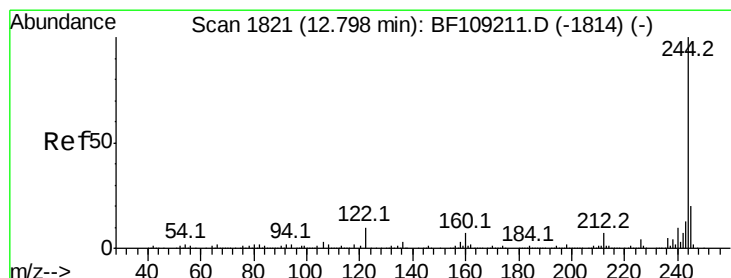
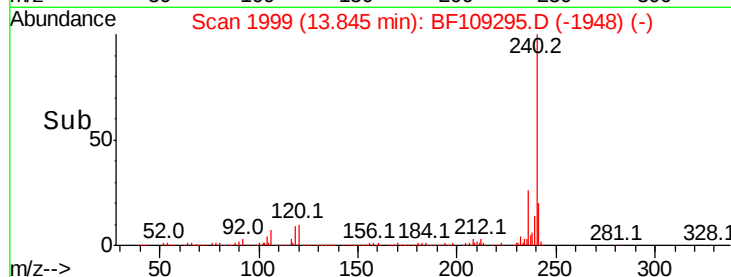
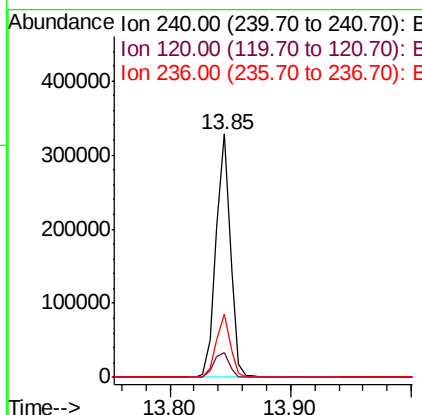
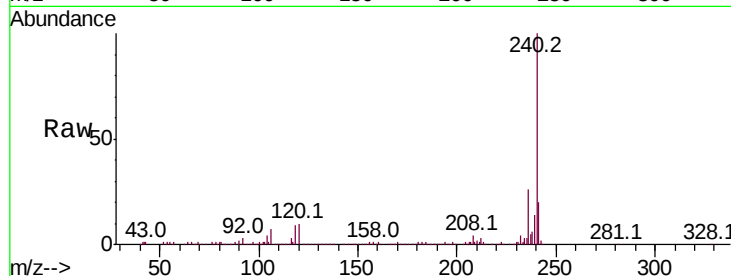




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

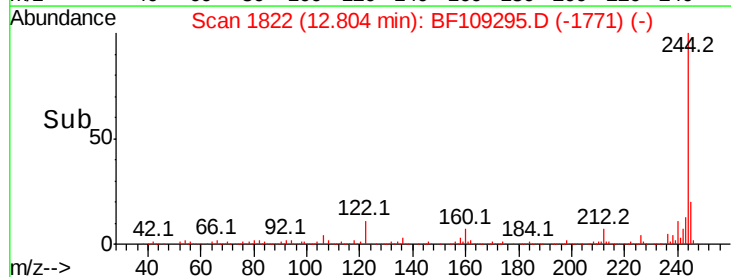
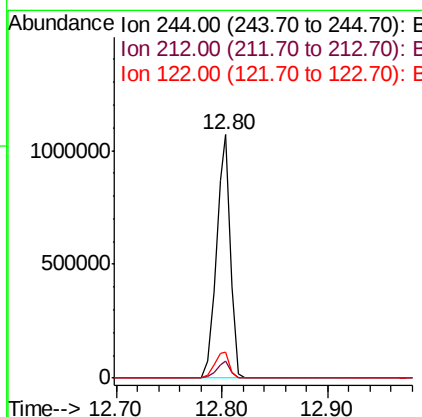
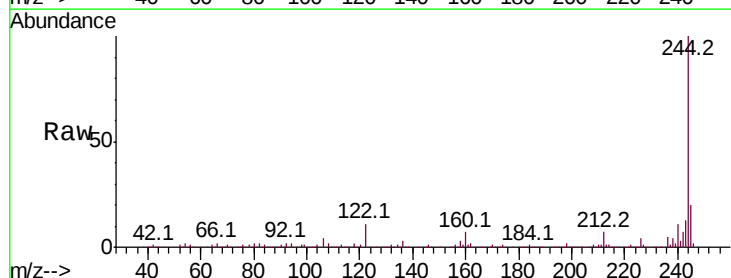
Instrument :
 BNA_F
 ClientSampled :

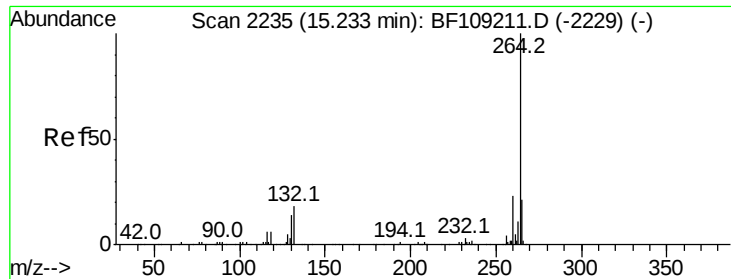
Tot Ion:240 Resp: 267106
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 91.894 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Tgt Ion:244 Resp: 1000156
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.7 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109295.D
 Acq: 25 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.5	26.3

