

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109531.D
 Acq On : 3 Oct 2018 5:23
 Operator : JU/SJ
 Sample : J5187-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 09:11:35 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

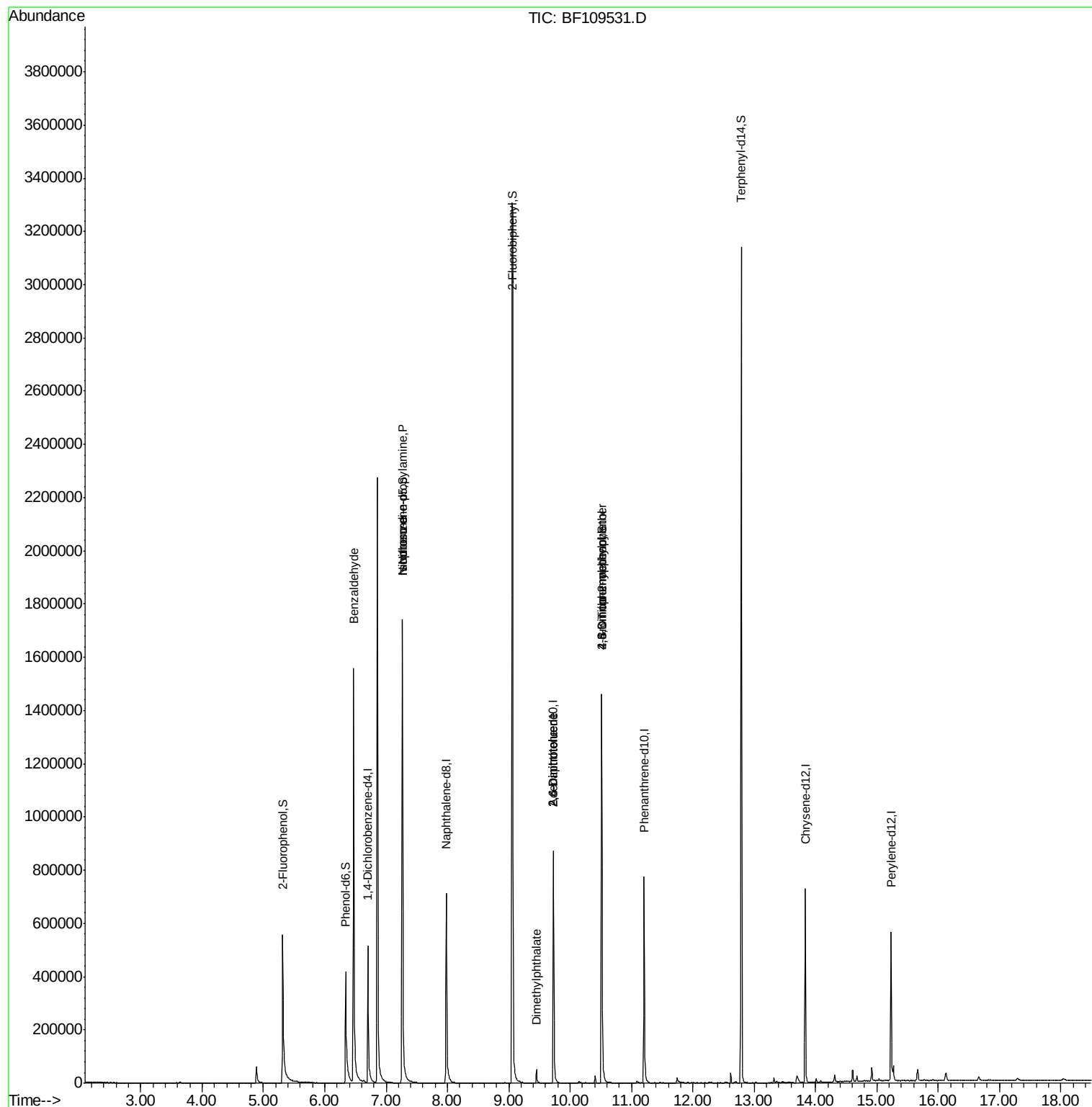
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106013	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	403151	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	188556	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	343405	20.00	ng	0.00
75) Chrysene-d12	13.83	240	249234	20.00	ng	-0.01
86) Perylene-d12	15.23	264	260377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	260674	40.50	ng	0.00
7) Phenol-d6	6.34	99	214315	26.09	ng	-0.02
23) Nitrobenzene-d5	7.27	82	729528	106.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	198951	107.03	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1302847	104.21	ng	-0.01
78) Terphenyl-d14	12.79	244	1171536	115.36	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	11462	2.172	ng	# 71
19) n-Nitroso-di-n-propylamine	7.27	70	98614	18.324	ng	# 76
25) Isophorone	7.27	82	711368	57.844	ng	# 64
49) Dimethylphthalate	9.45	163	29903	2.180	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	23002	8.469	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	23002	6.693	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	309	6.714	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11788	3.091	ng	# 1

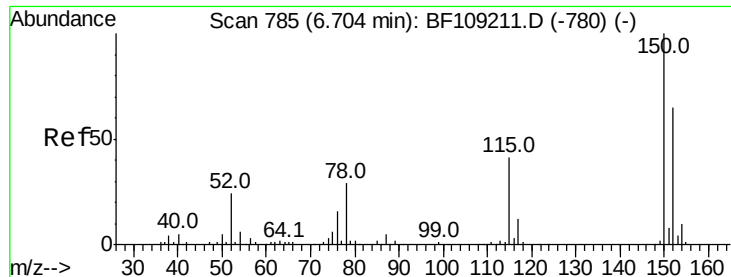
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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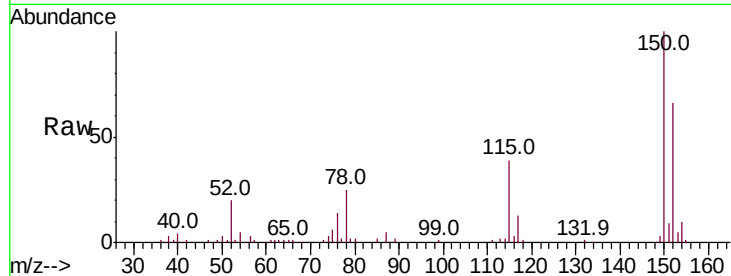


#1

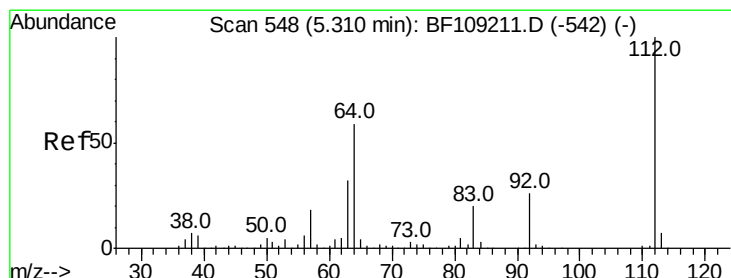
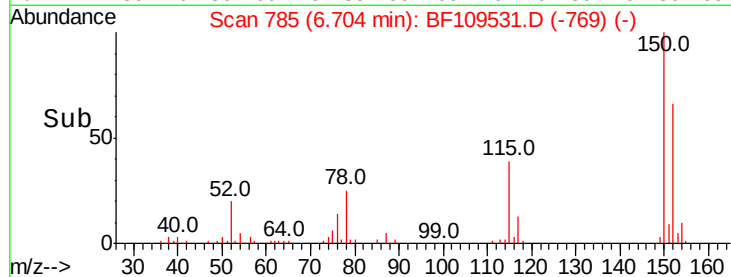
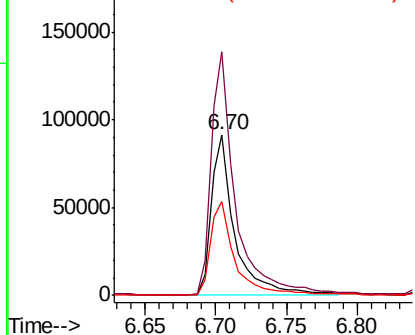
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	58.5	50.1	75.1



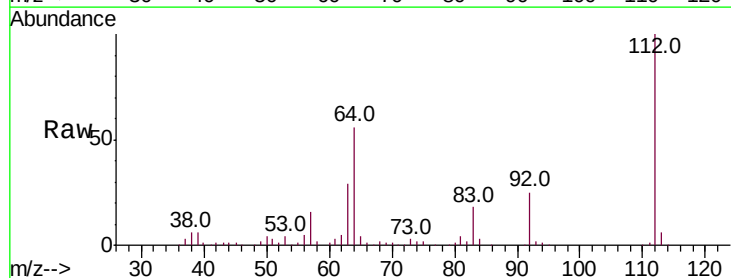
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



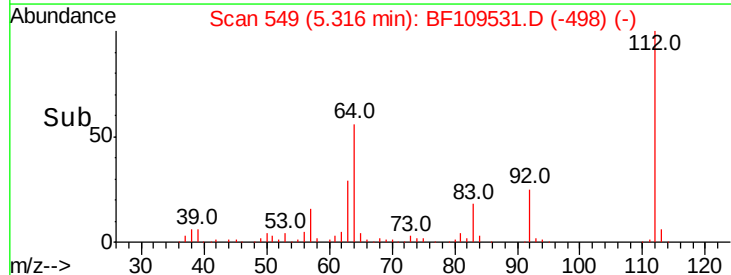
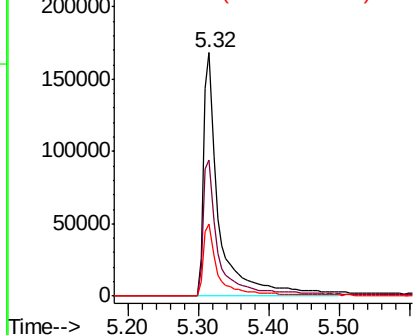
#5

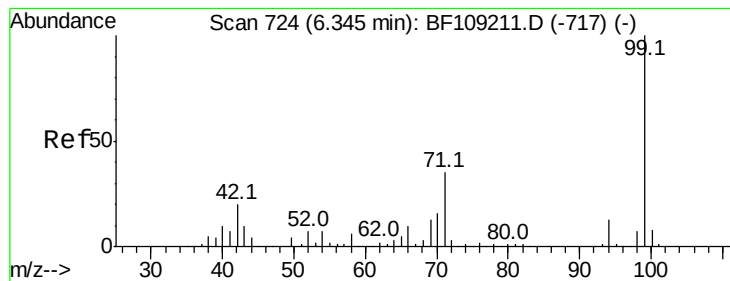
2-Fluorophenol
Concen: 40.500 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.5	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: 26.094 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109531.D

Acq: 3 Oct 2018 5:23

Instrument :

BNA_F

ClientSampleId :

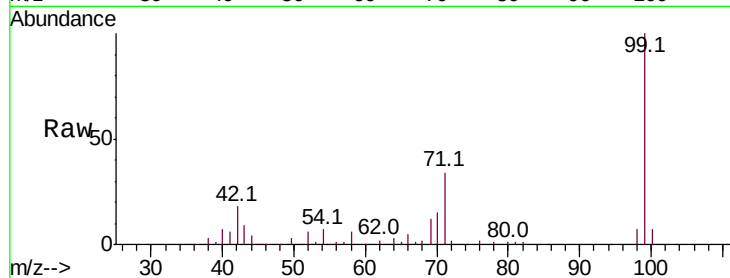
Tot Ion: 99 Resp: 214315

Ion Ratio Lower Upper

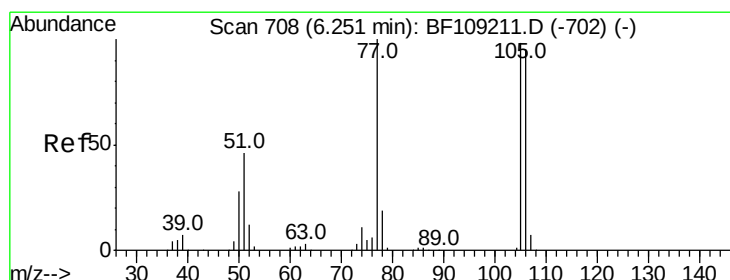
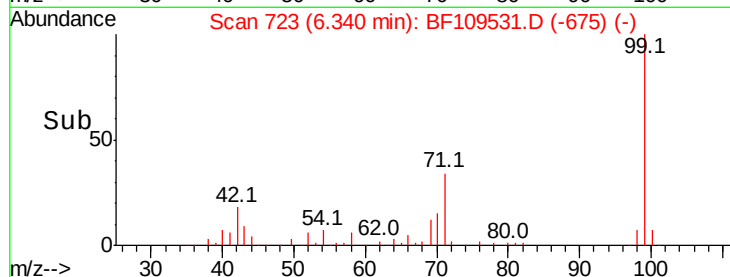
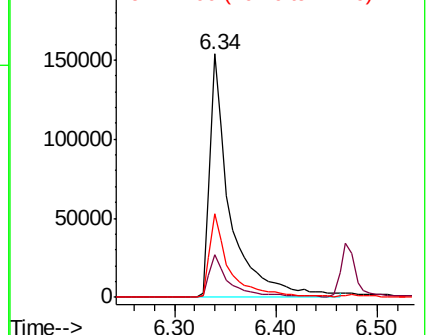
99 100

42 17.6 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



#9

Benzaldehyde

Concen: 2.172 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109531.D

Acq: 3 Oct 2018 5:23

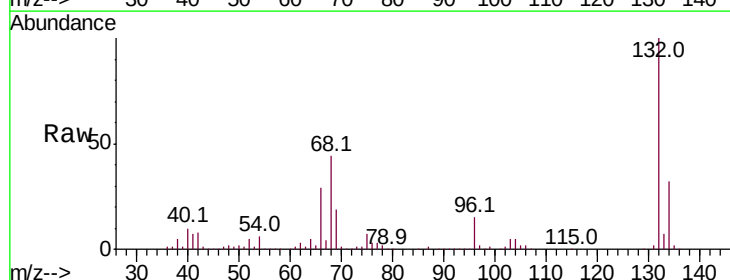
Tgt Ion: 77 Resp: 11462

Ion Ratio Lower Upper

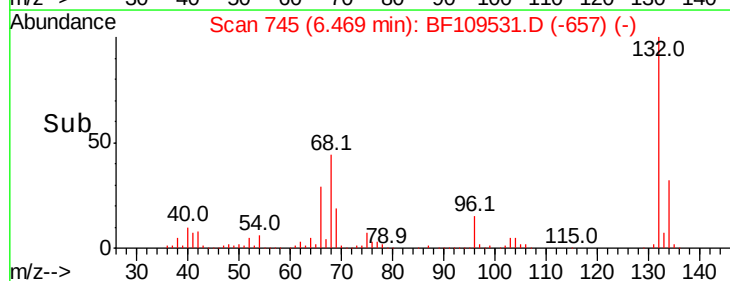
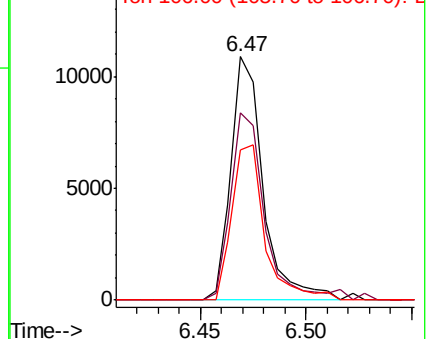
77 100

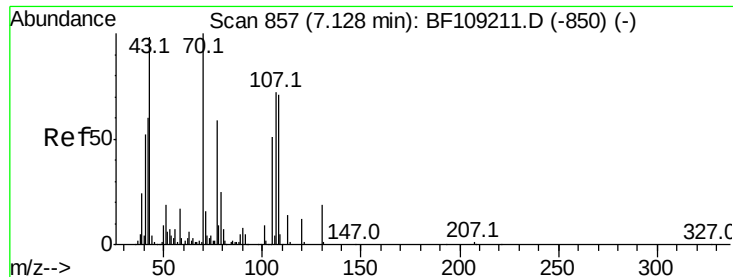
105 76.7 81.1 121.1#

106 61.8 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

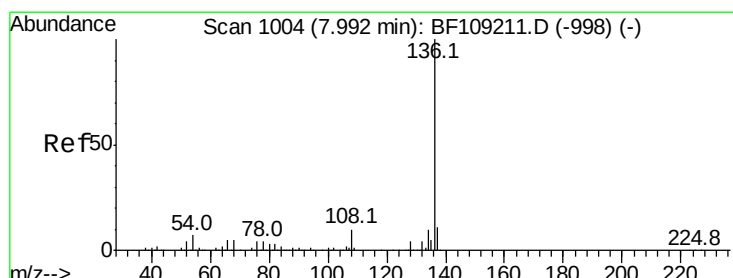
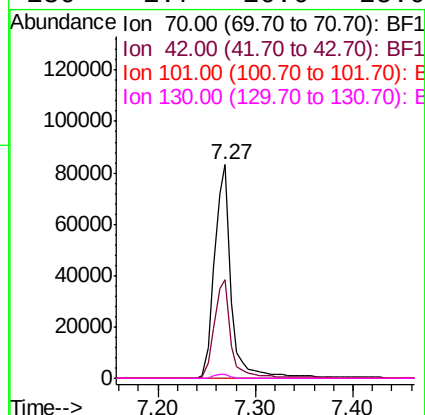
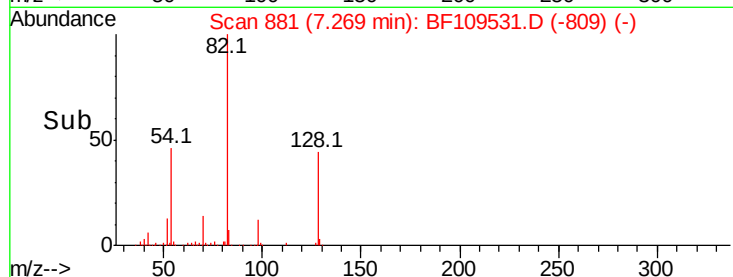
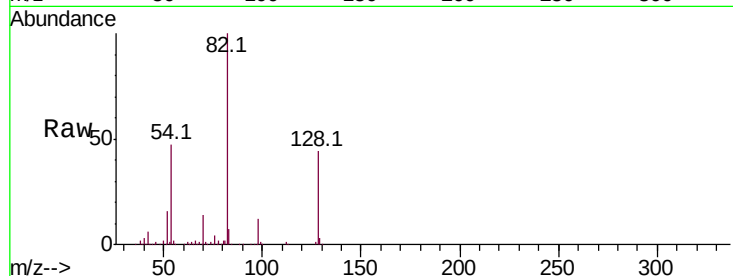




#19
n-Nitroso-di-n-propylamine
Concen: 18.324 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

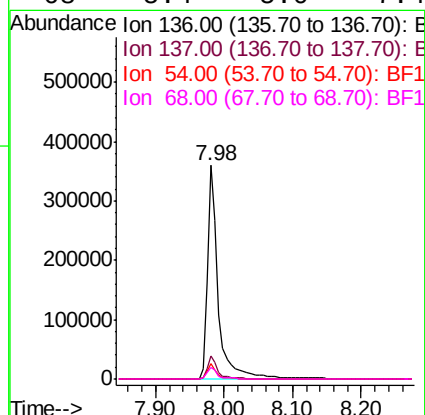
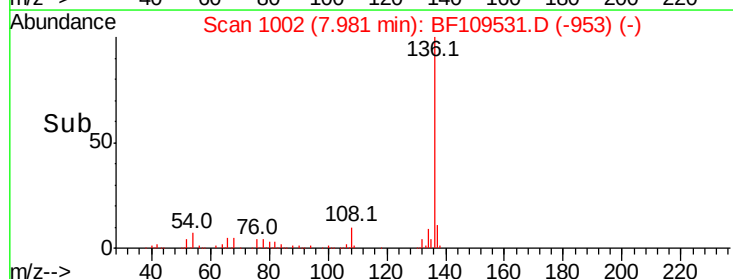
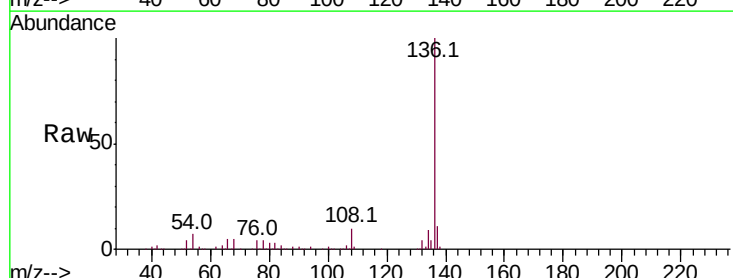
Instrument :
BNA_F
ClientSampleId :

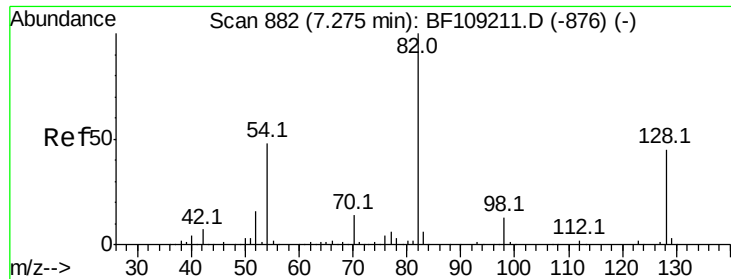
Tot Ion: 70 Resp: 98614
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Tgt Ion: 136 Resp: 403151
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.6 9.8
68 5.4 5.0 7.4

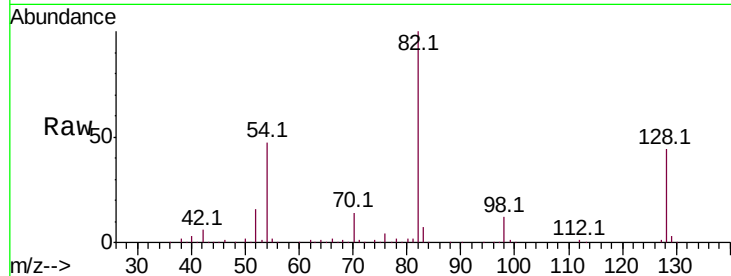




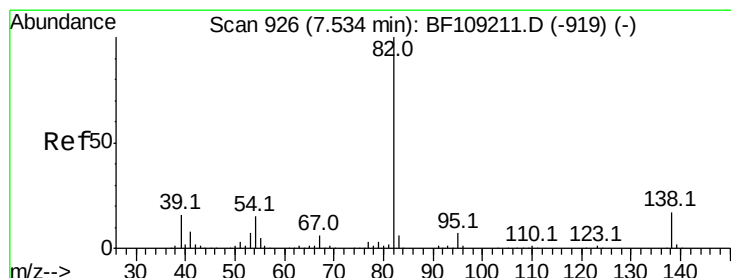
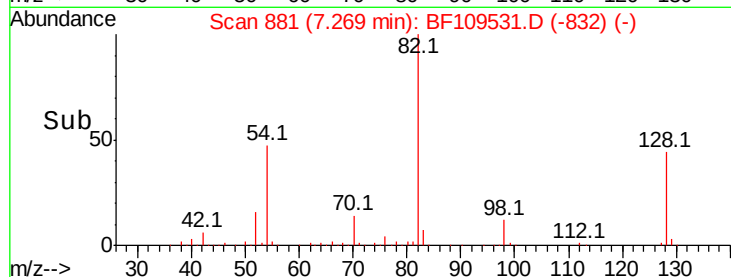
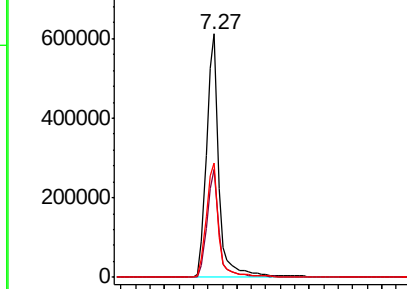
#23
Nitrobenzene-d5
Concen: 106.821 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	729528
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	47.0	41.4	62.2

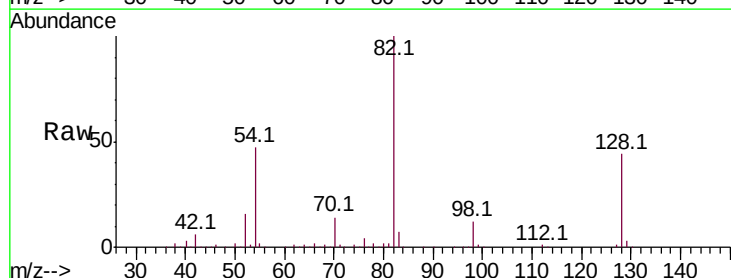


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

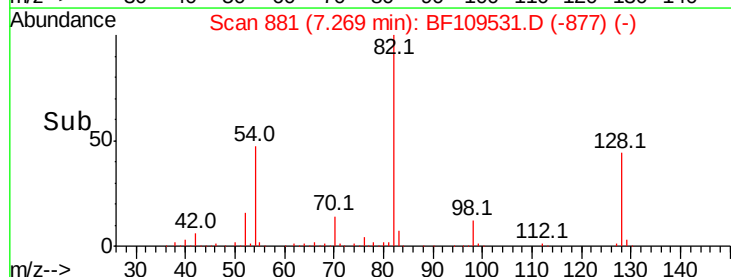
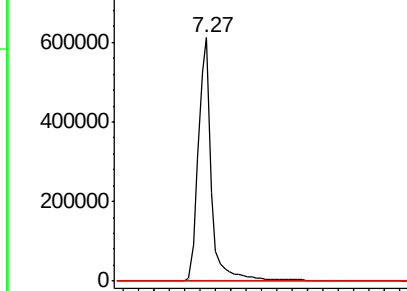


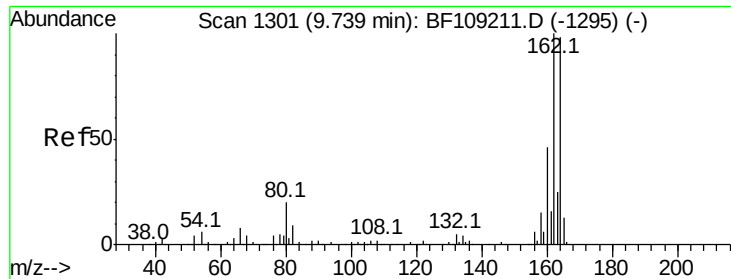
#25
Isophorone
Concen: 57.844 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Tgt Ion	82	Resp	711368
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

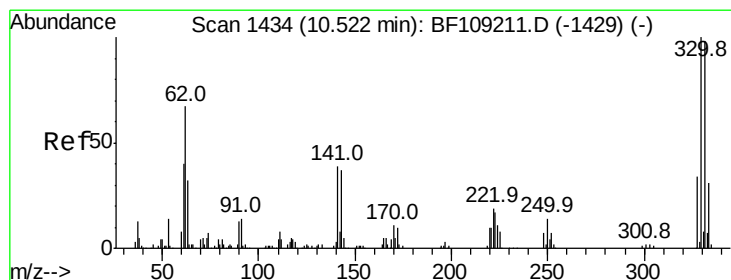
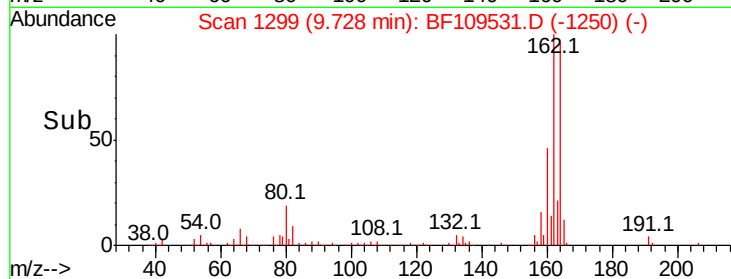
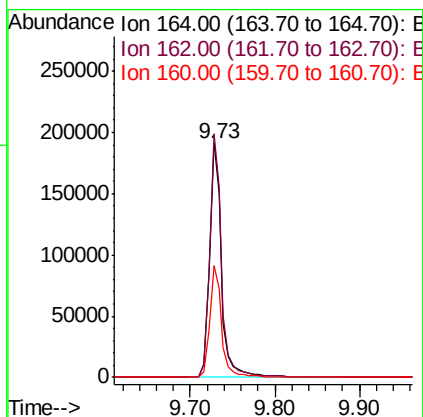
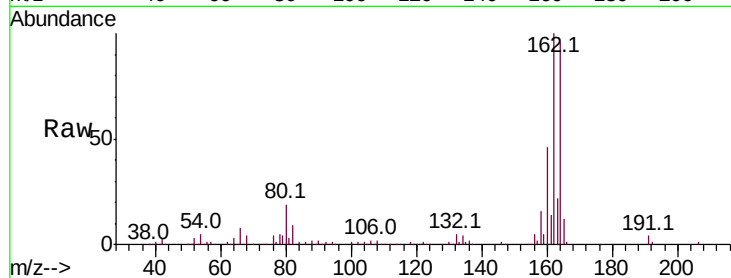




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

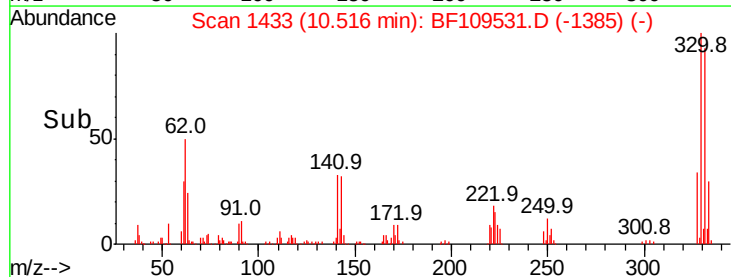
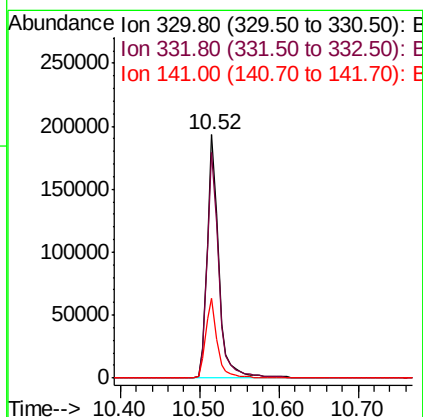
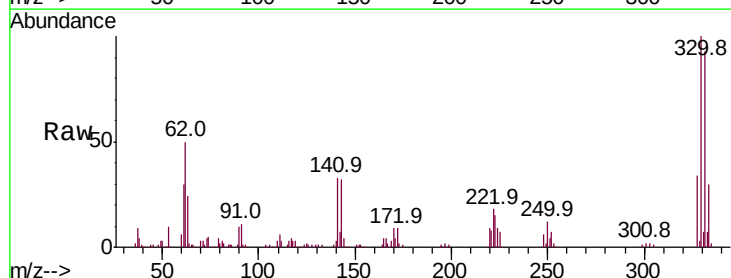
Instrument :
 BNA_F
 ClientSampleId :

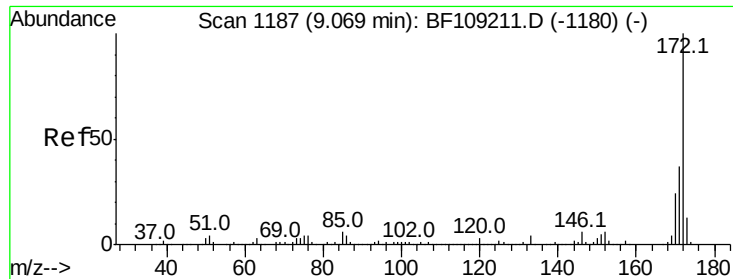
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 107.034 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.2	29.9	44.9

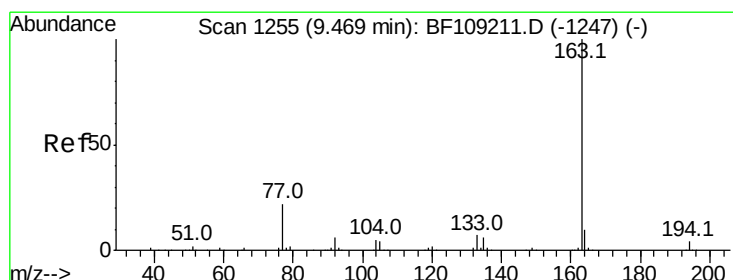
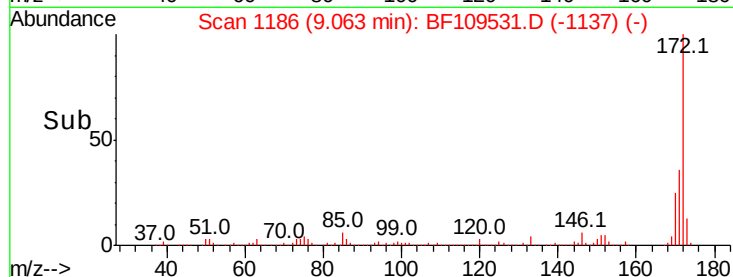
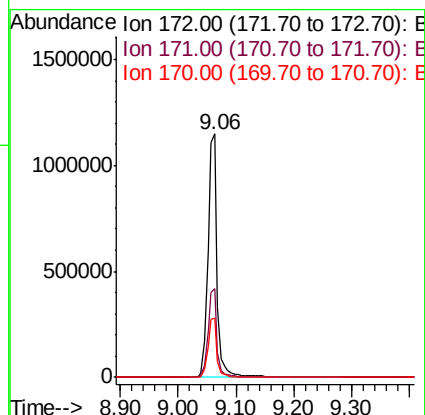
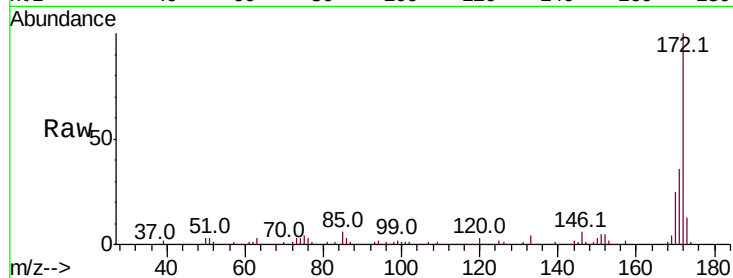




#44
2-Fluorobiphenyl
Concen: 104.210 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

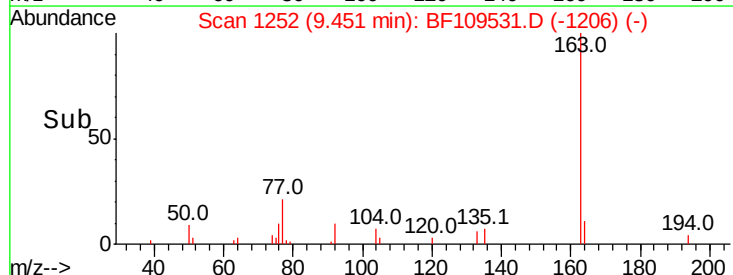
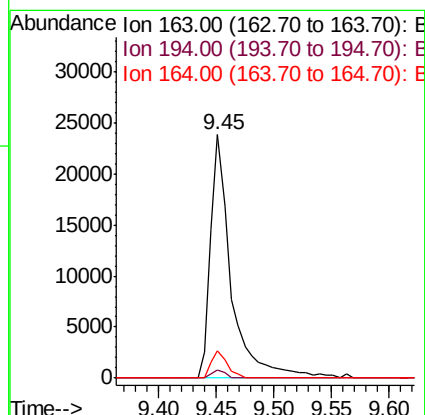
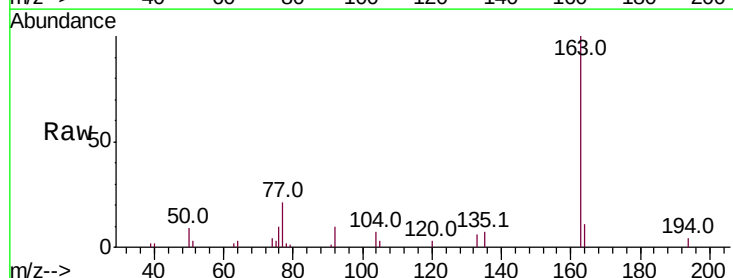
Instrument :
BNA_F
ClientSampleId :

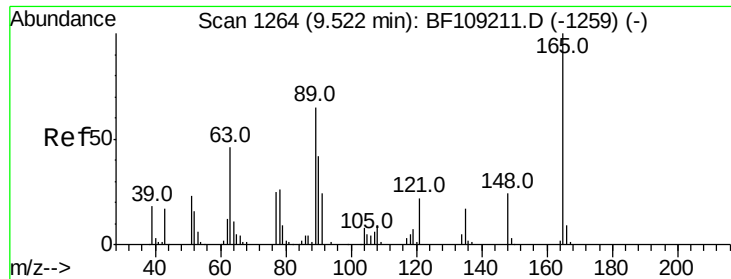
Tot Ion:172 Resp: 1302847
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 2.180 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Tgt Ion:163 Resp: 29903
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.0 8.2 12.2

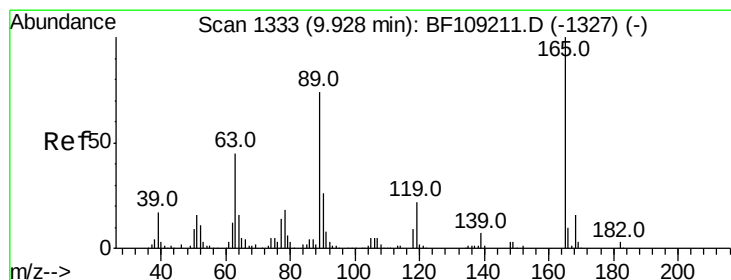
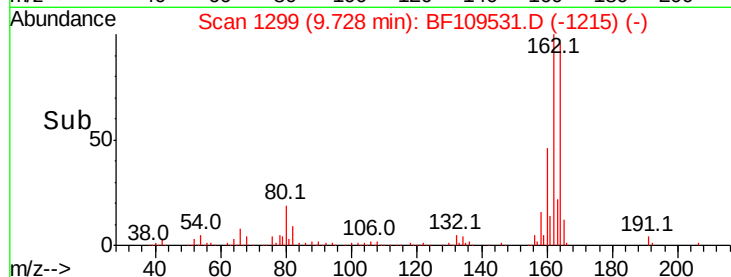
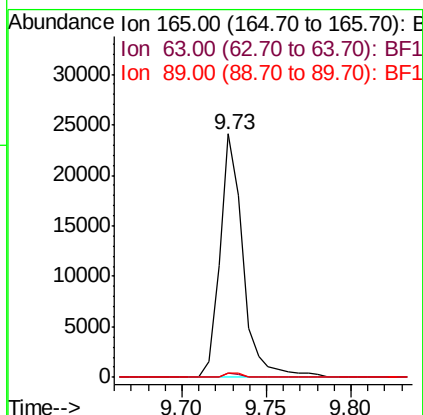
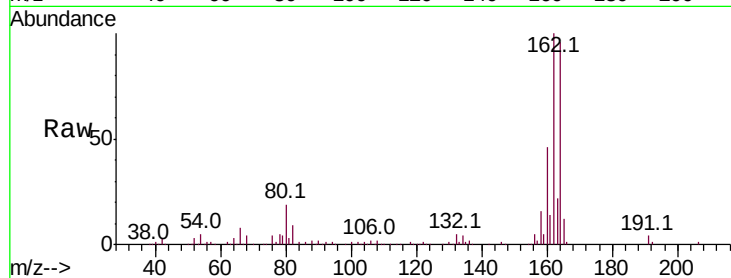




#50
 2,6-Dinitrotoluene
 Concen: 8.469 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

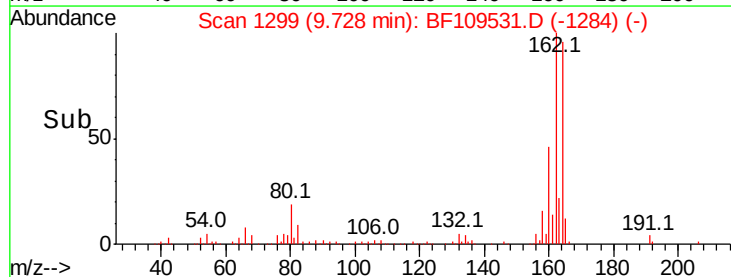
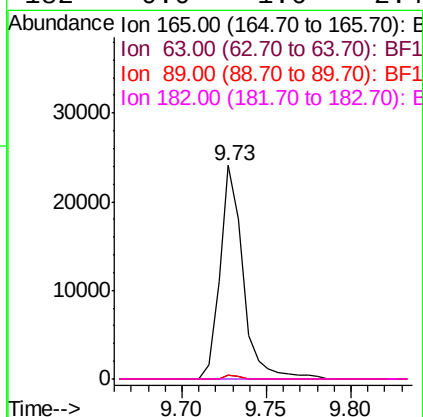
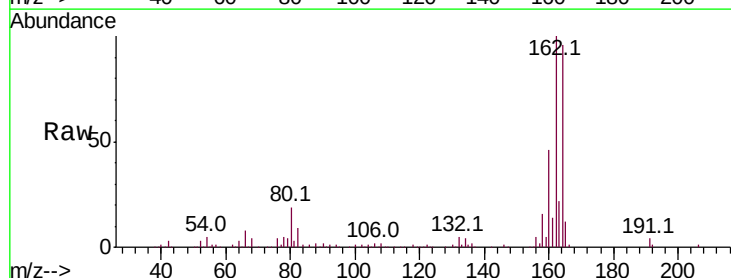
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 BNA_F
 ClientSampleId :

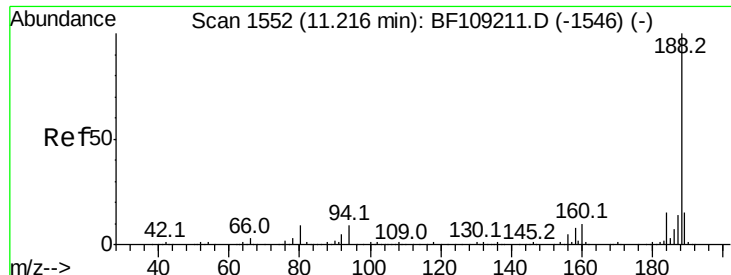
Tot Ion:165 Resp: 23002
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.7 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.693 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

Tgt Ion:165 Resp: 23002
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.7 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: BF109531.D

Acq: 3 Oct 2018 5:23

Instrument :

BNA_F

ClientSampleId :

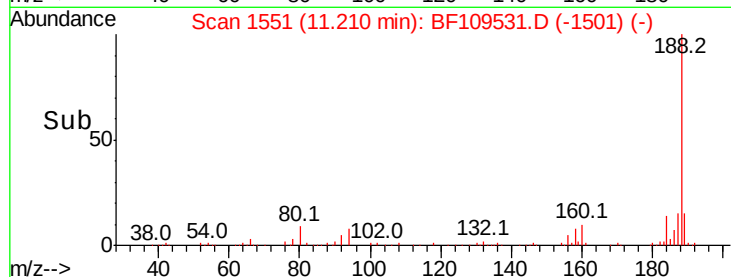
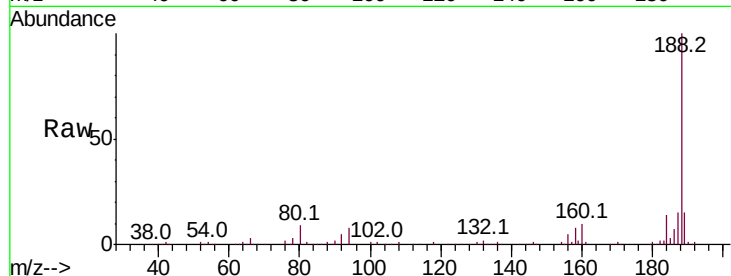
Tot Ion:188 Resp: 343405

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

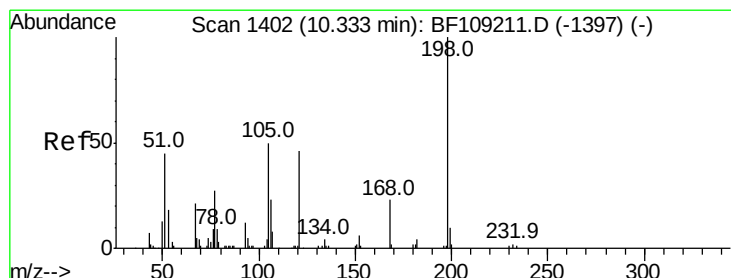
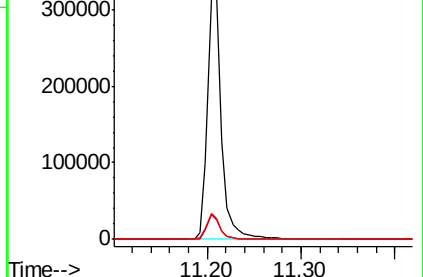
80 8.6 9.2 13.8#



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: 6.714 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.17 min

Lab File: BF109531.D

Acq: 3 Oct 2018 5:23

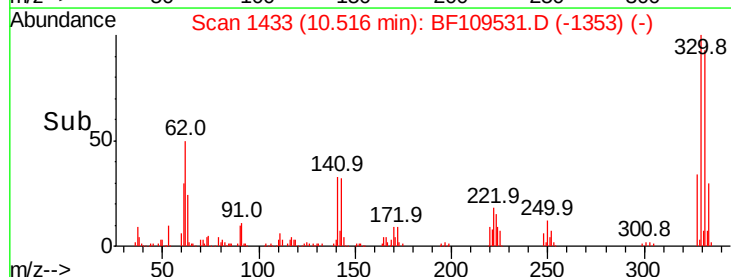
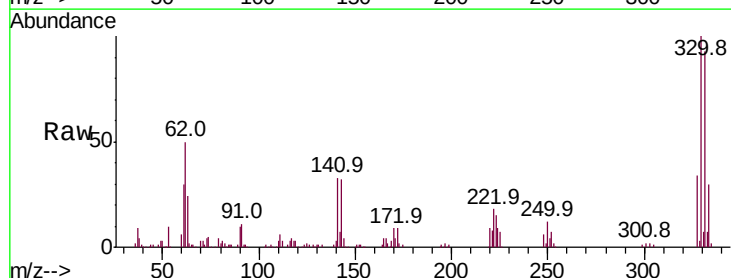
Tgt Ion:198 Resp: 309

Ion Ratio Lower Upper

198 100

51 176.7 37.7 77.7#

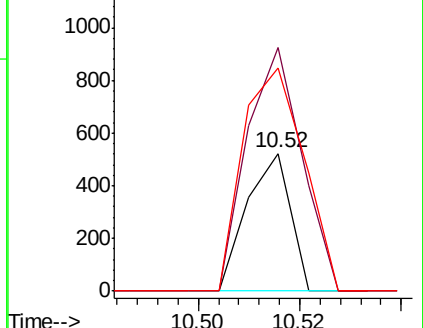
105 162.0 36.3 76.3#

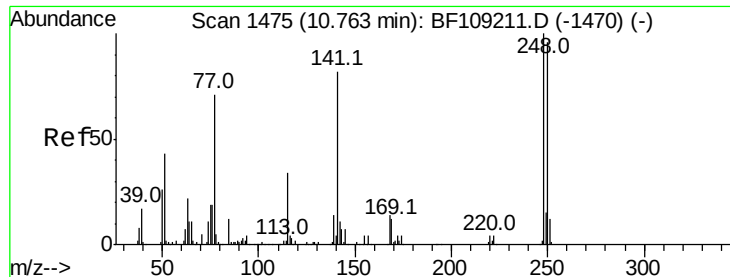


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

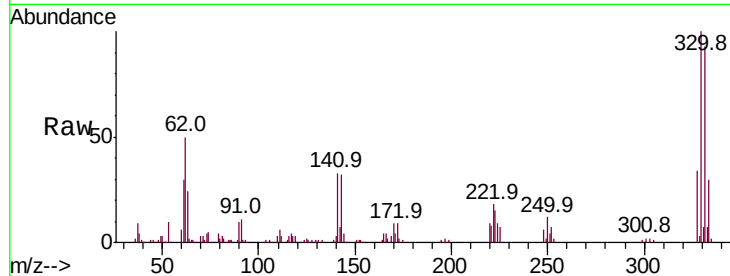




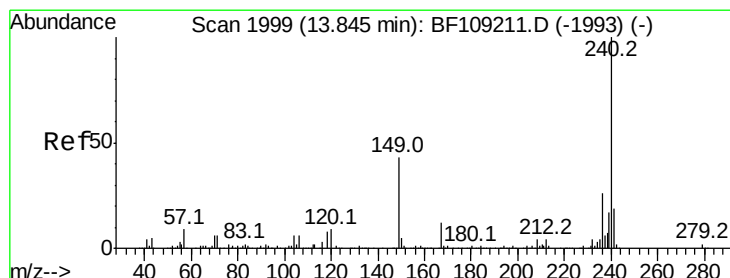
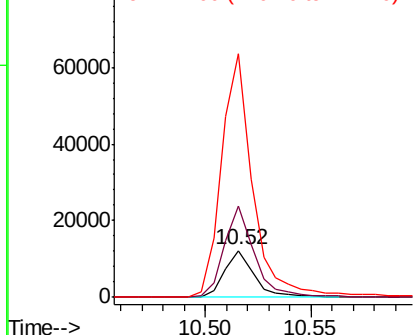
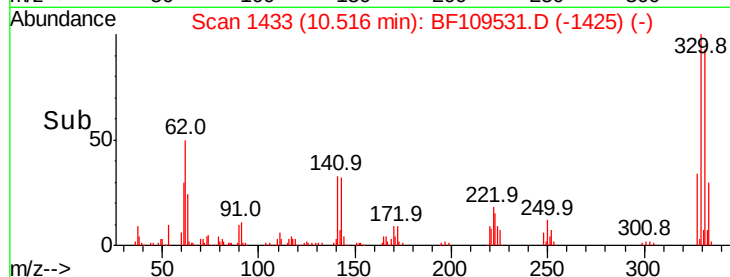
#66
4-Bromophenyl-phenylether
Concen: 3.091 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11788
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 521.7 74.4 111.6#

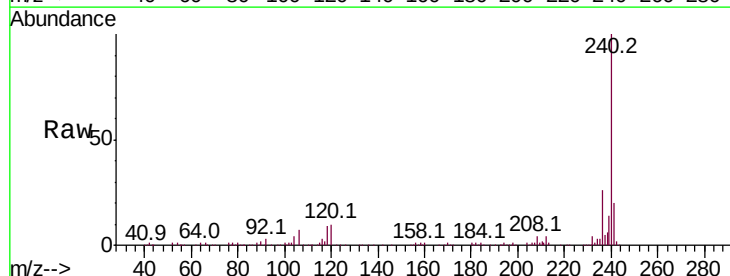


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

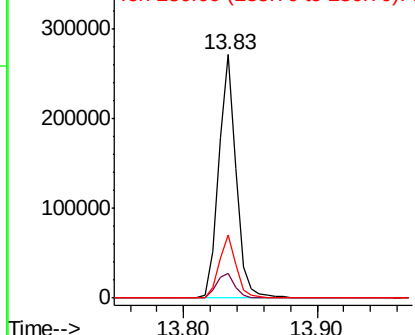
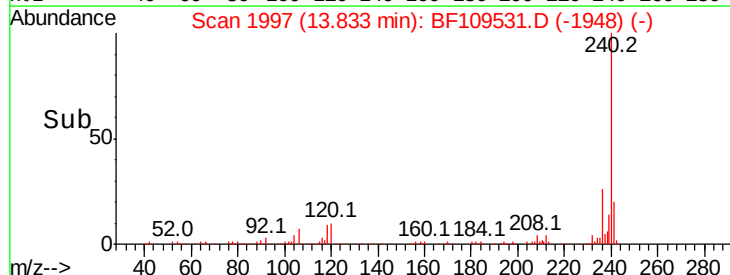


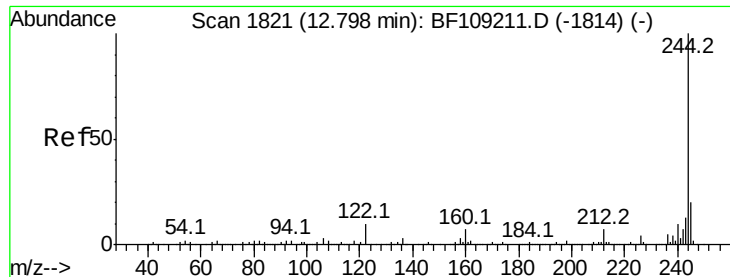
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109531.D
Acq: 3 Oct 2018 5:23

Tgt Ion:240 Resp: 249234
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.1 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

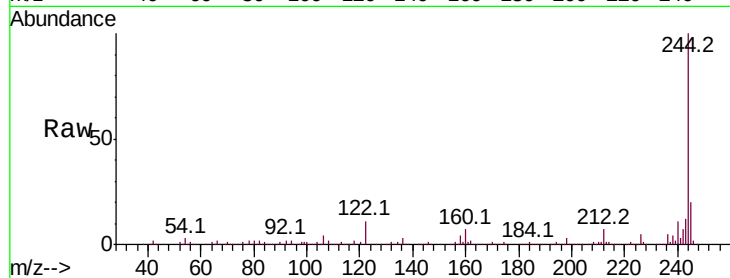




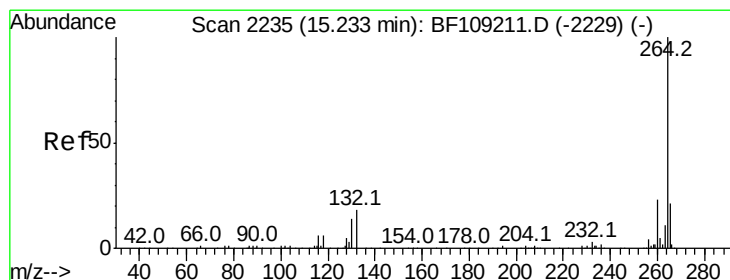
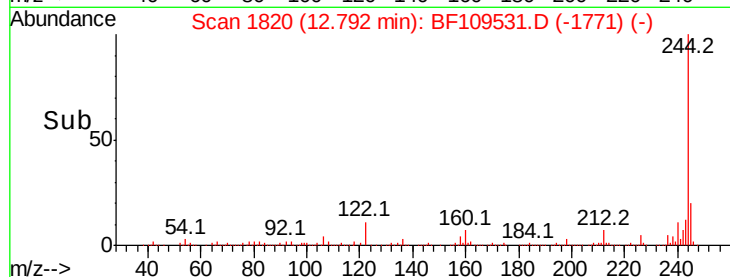
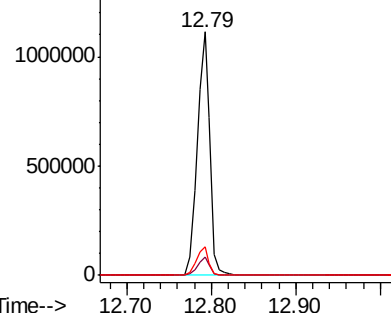
#78
 Terphenyl-d14
 Concen: 115.359 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1171536
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 11.5 11.0 16.4

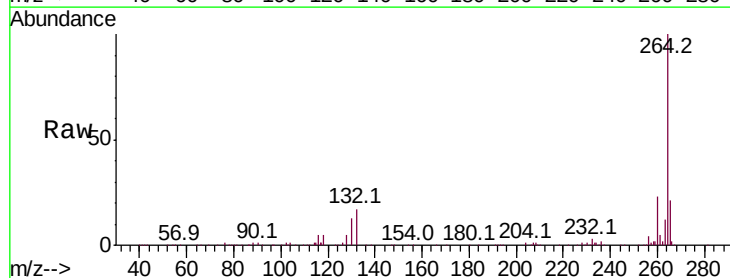


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109531.D
 Acq: 3 Oct 2018 5:23

Tgt Ion:264 Resp: 260377
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

