

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109902.D
 Acq On : 16 Oct 2018 13:53
 Operator : JU/SJ
 Sample : J5524-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 14:55:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

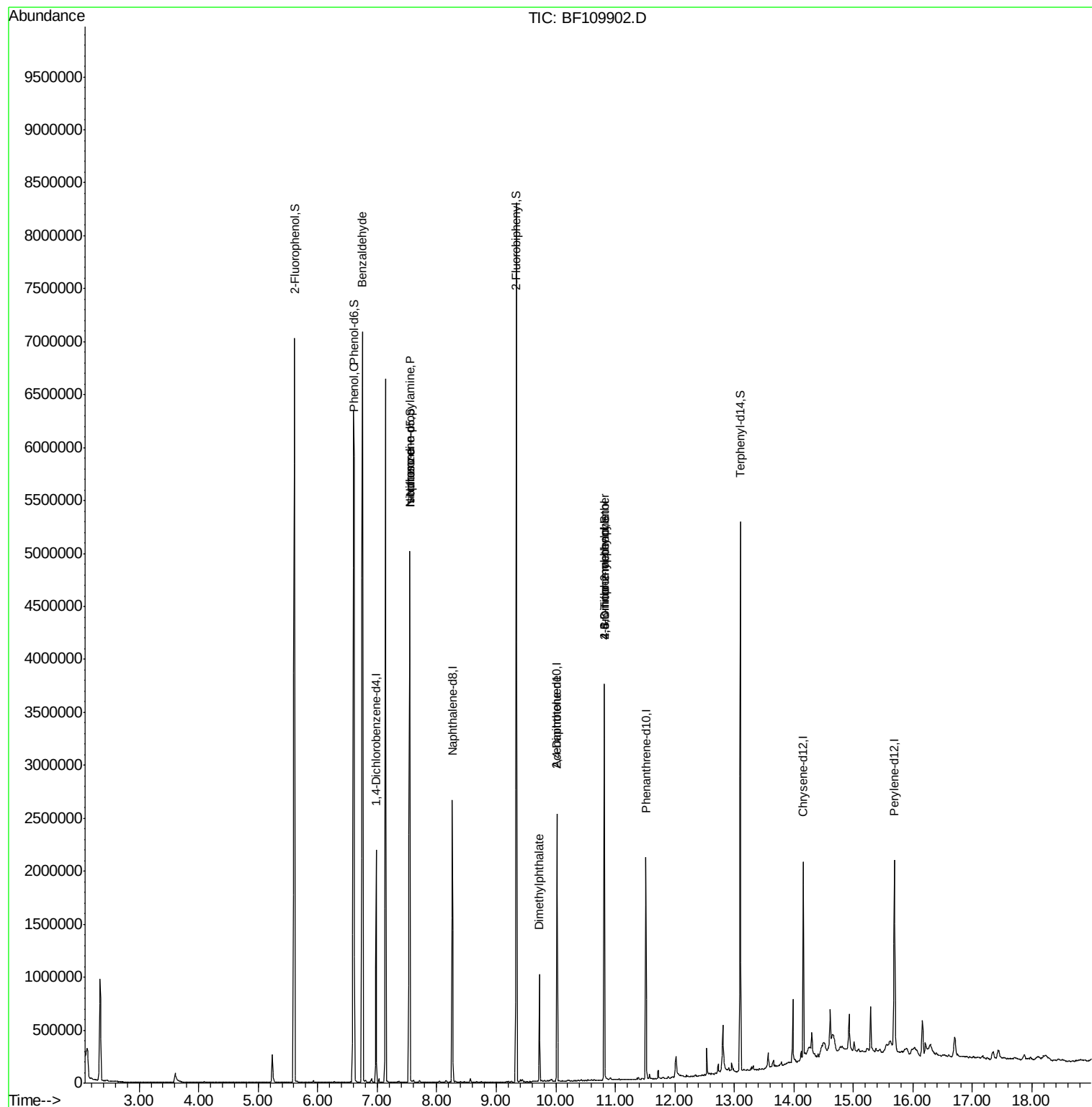
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	287928	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1104718	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	478712	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	715417	20.00	ng	0.00
76) Chrysene-d12	14.16	240	619679	20.00	ng	0.00
87) Perylene-d12	15.69	264	677282	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2170456	119.49	ng	0.02
7) Phenol-d6	6.60	99	2739616	121.46	ng	0.01
23) Nitrobenzene-d5	7.55	82	1724788	105.17	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	436332	105.28	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2607658	86.92	ng	0.00
79) Terphenyl-d14	13.10	244	1867655	63.29	ng	0.01
Target Compounds						
9) Benzaldehyde	6.75	77	50331	3.434	ng	81
10) Phenol	6.62	94	148177	6.085	ng	# 62
19) n-Nitroso-di-n-propylamine	7.55	70	232869	16.080	ng	# 80
25) Isophorone	7.55	82	1724752	53.526	ng	# 67
50) Dimethylphthalate	9.73	163	363732	10.730	ng	99
57) 2,4-Dinitrotoluene	10.02	165	61996	11.478	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	927	8.203	ng	# 1
67) 4-Bromophenyl-phenylether	10.82	248	27959	3.606	ng	# 1

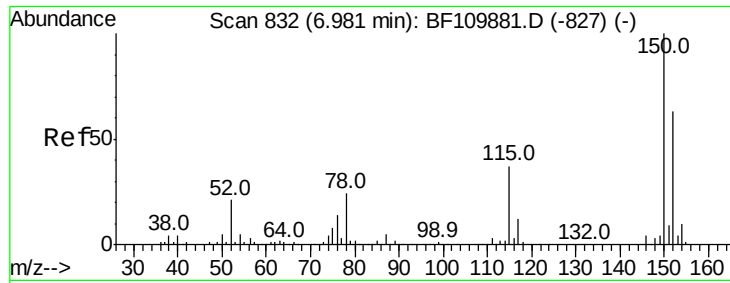
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Oct 16 14:55:35 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
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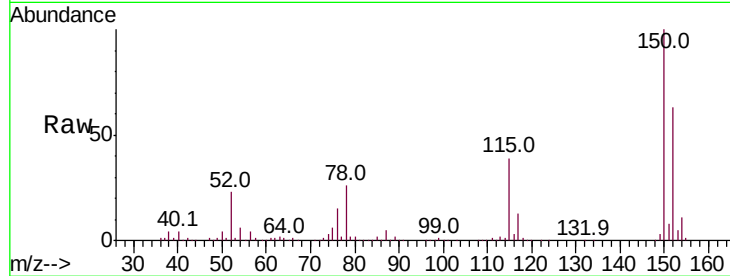


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.7	184.1
115	61.6	49.1	73.7

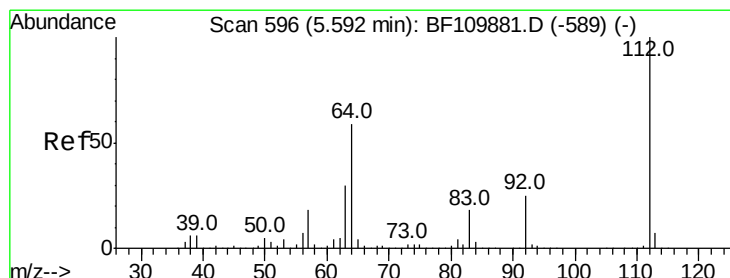
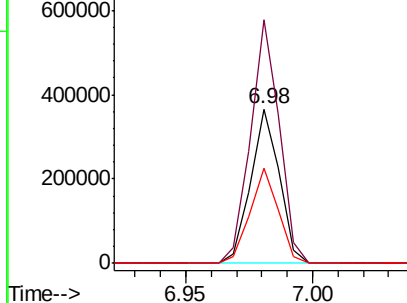
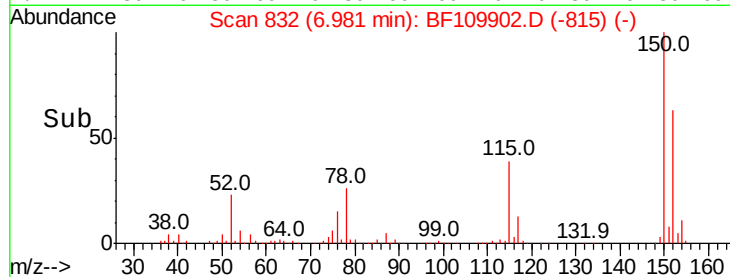


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

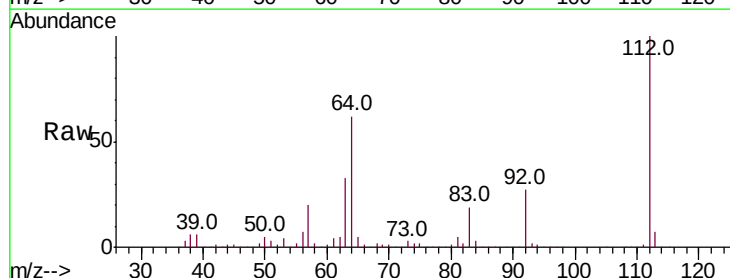
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.490 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5

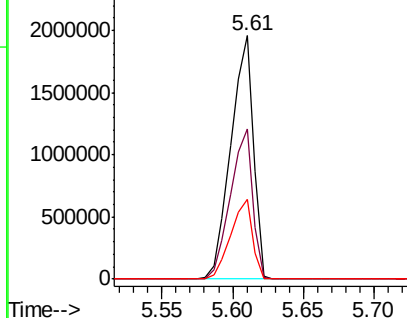
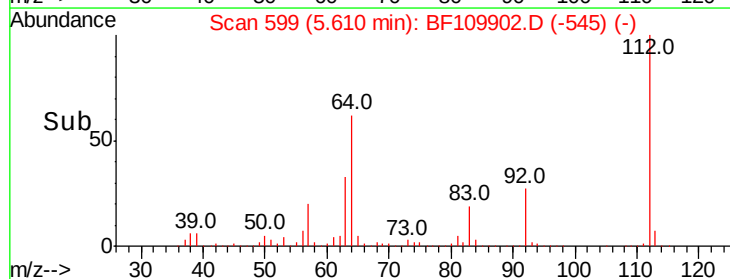


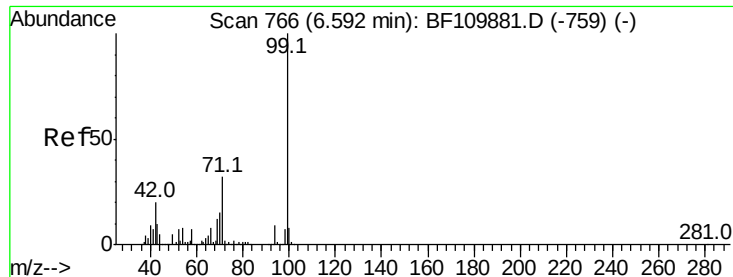
Abundance

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: 121.463 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

BNA_F

ClientSampled :

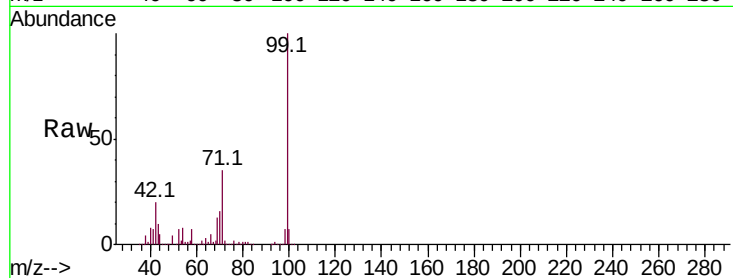
Tot Ion: 99 Resp: 2739616

Ion Ratio Lower Upper

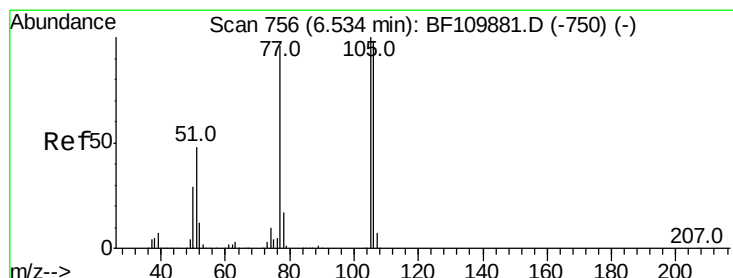
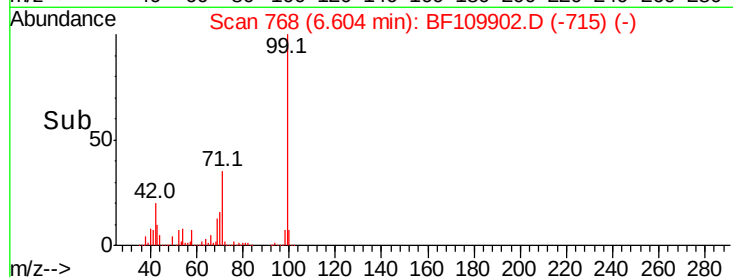
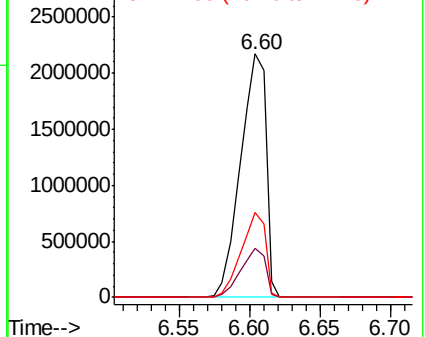
99 100

42 20.4 15.8 23.6

71 34.6 28.0 42.0



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: 3.434 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.22 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

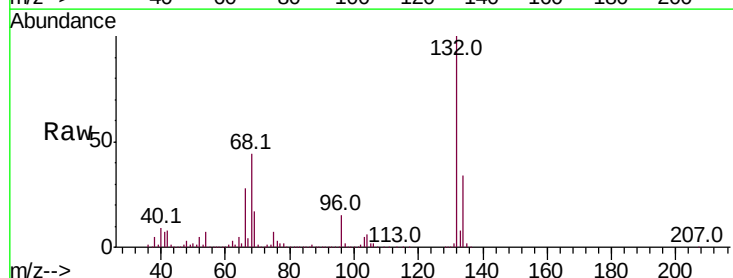
Tgt Ion: 77 Resp: 50331

Ion Ratio Lower Upper

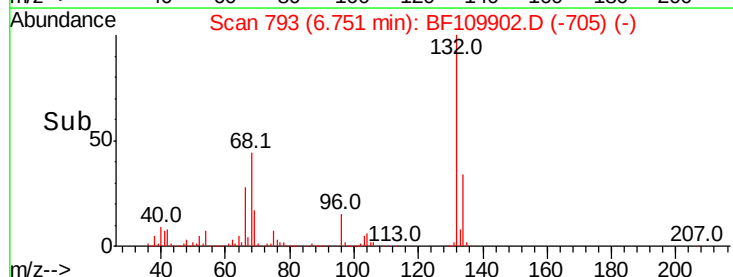
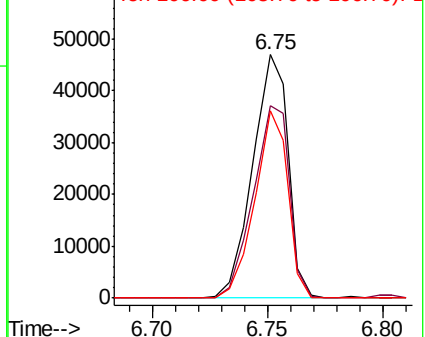
77 100

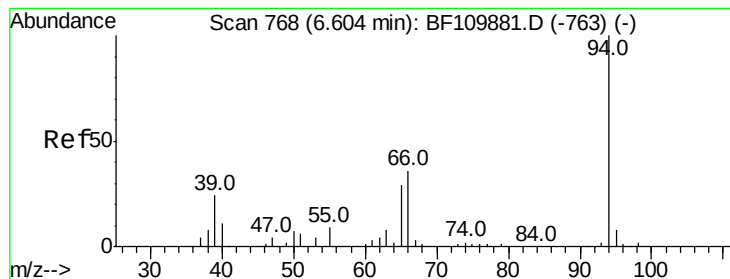
105 79.0 78.6 118.6

106 77.2 74.8 114.8



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





#10

Phenol

Concen: 6.085 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

BNA_F

ClientSampled :

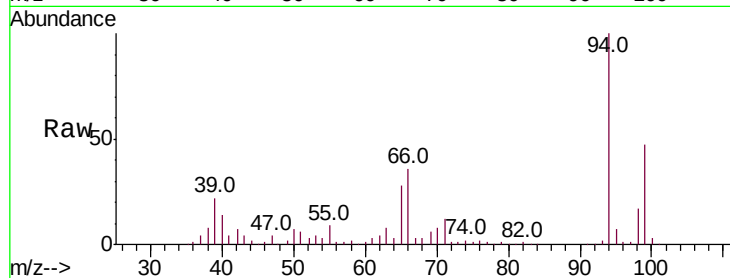
Tot Ion: 94 Resp: 148177

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

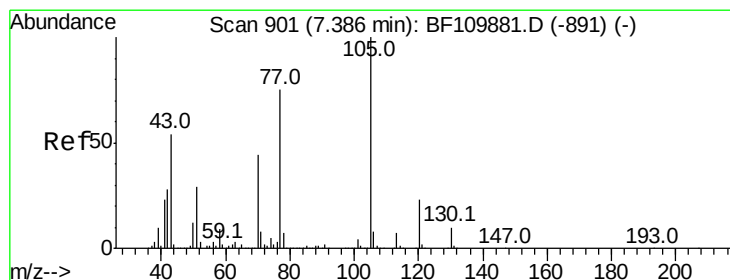
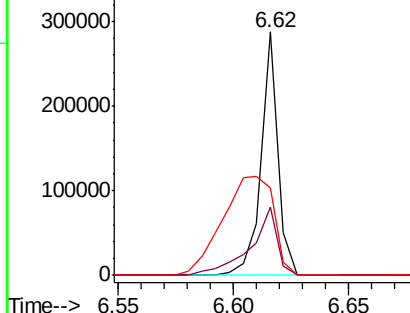
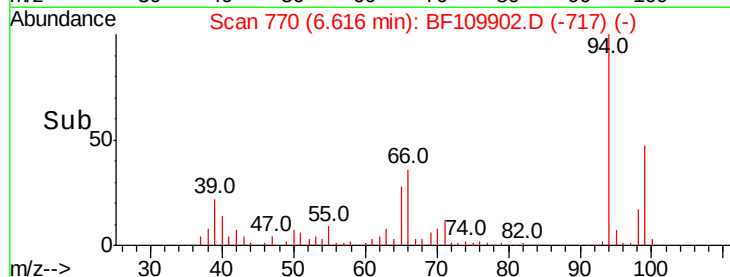
66 35.9 54.5 94.5#



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: 16.080 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.16 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Tgt Ion: 70 Resp: 232869

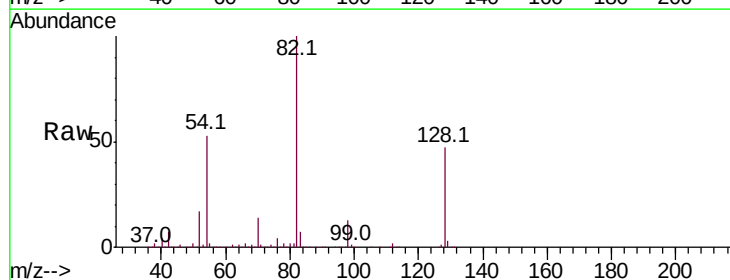
Ion Ratio Lower Upper

70 100

42 49.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

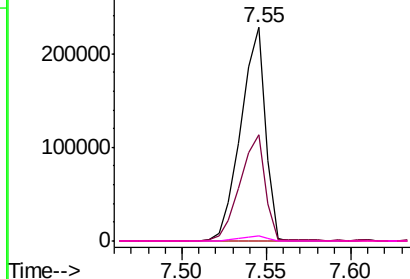
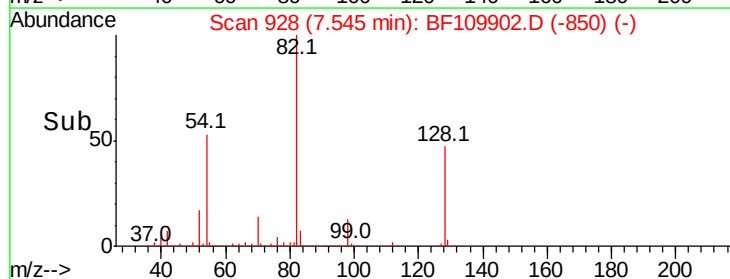


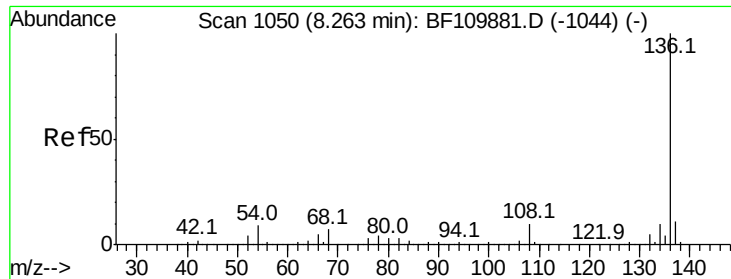
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

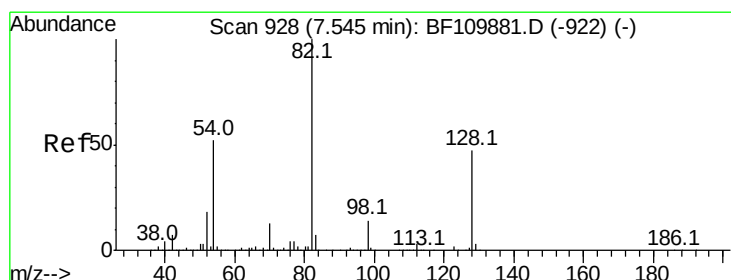
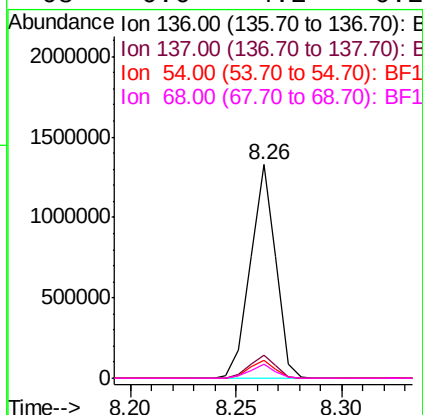
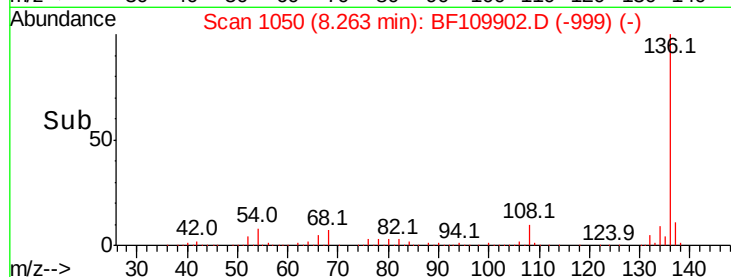
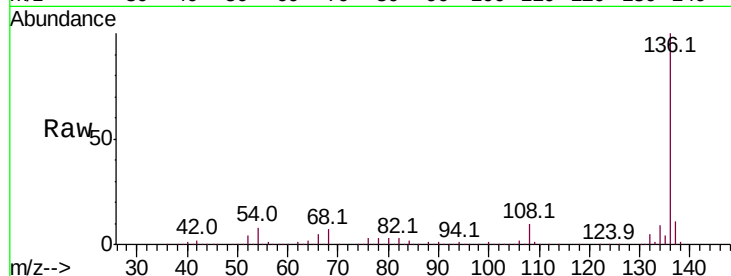




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

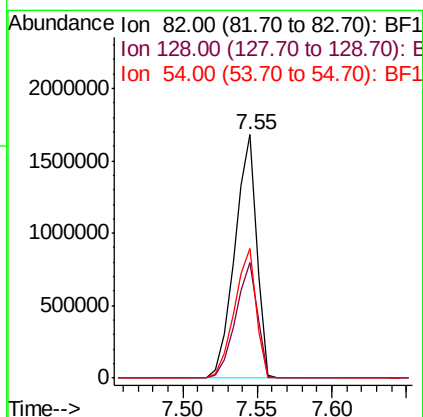
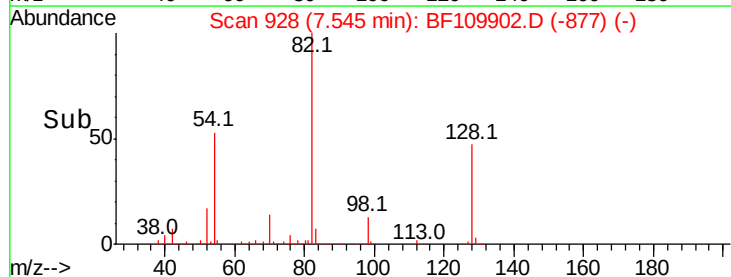
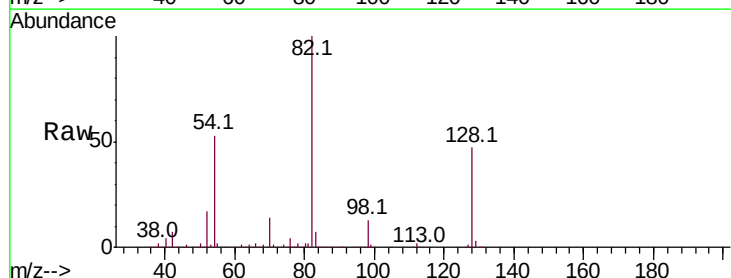
Instrument :
BNA_F
ClientSampleId :

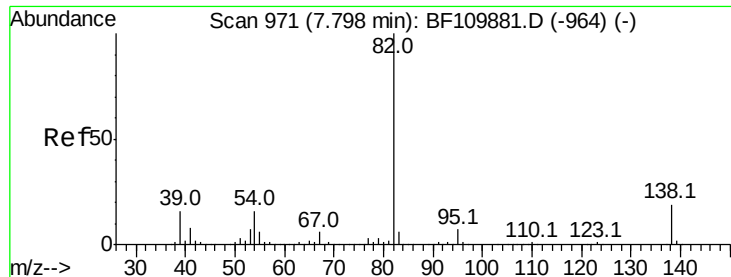
Tot Ion:136 Resp: 1104718
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.4 8.2#
68 6.6 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 105.175 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion: 82 Resp: 1724788
Ion Ratio Lower Upper
82 100
128 47.5 34.2 51.2
54 53.1 38.6 58.0





#25

Isophorone

Concen: 53.526 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.25 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

BNA_F

ClientSampleId :

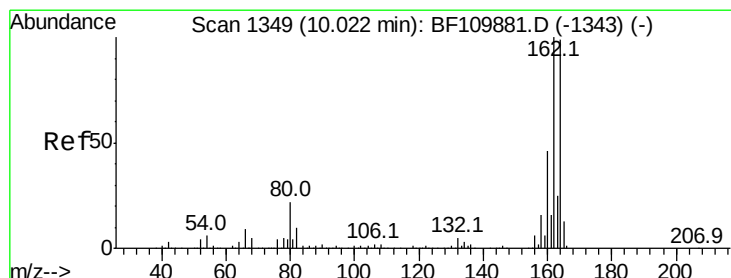
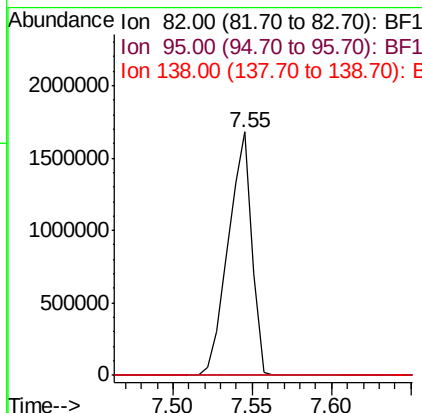
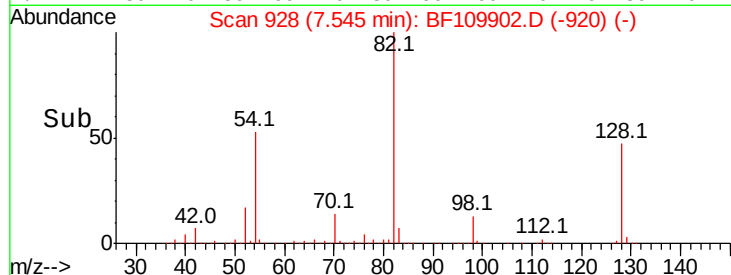
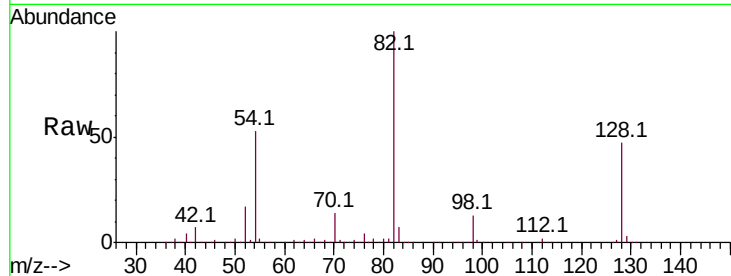
Tot Ion: 82 Resp: 1724752

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

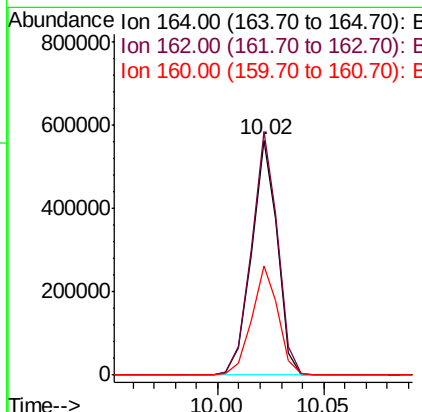
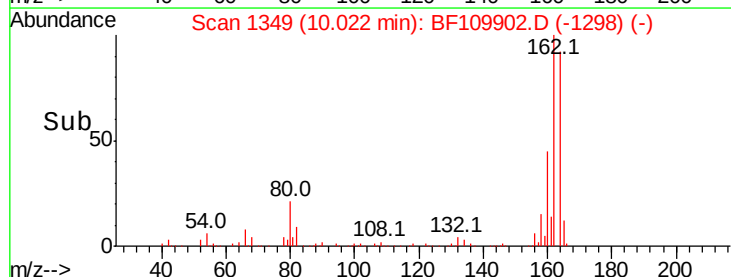
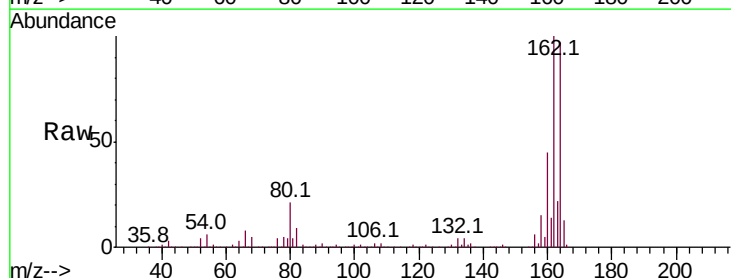
Tgt Ion:164 Resp: 478712

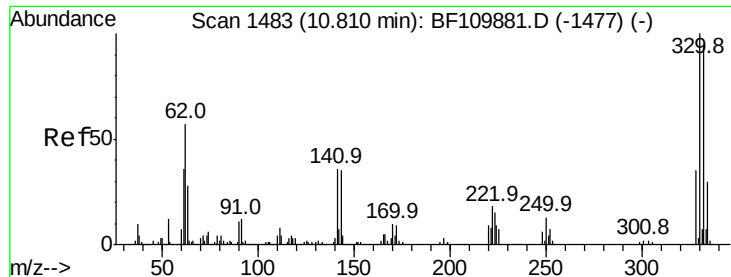
Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

160 46.4 37.0 55.6

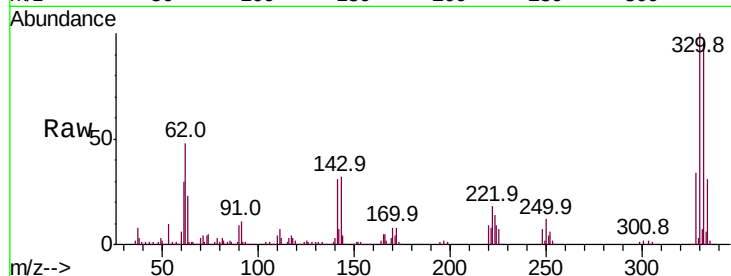




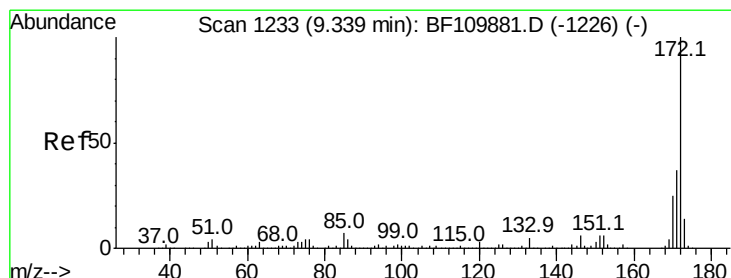
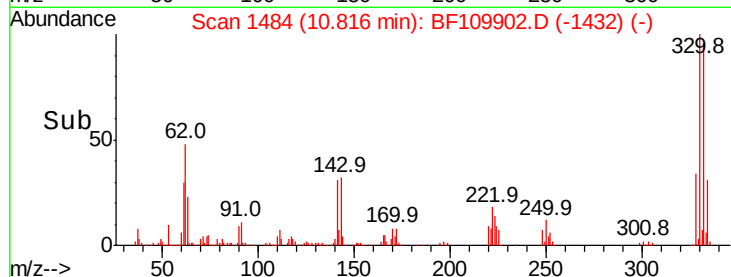
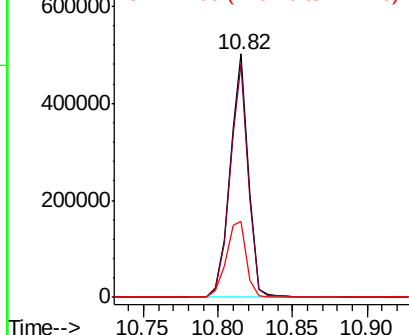
#42
 2,4,6-Tribromophenol
 Concen: 105.278 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	34.7	27.0	40.4

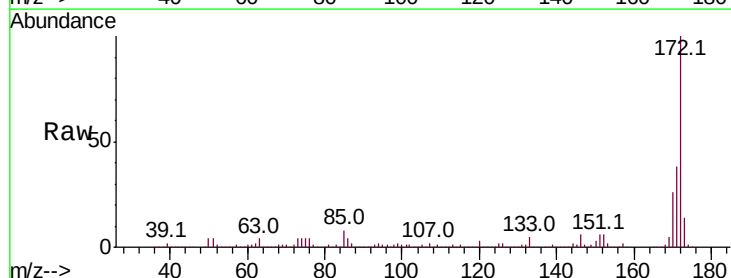


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

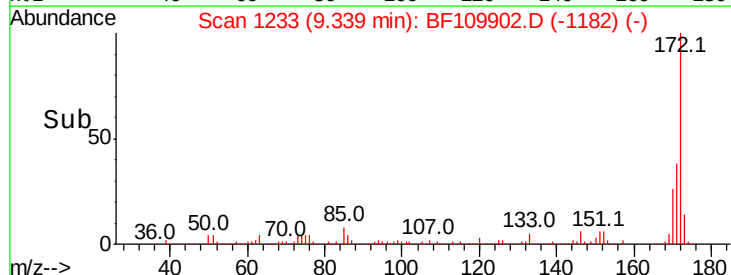
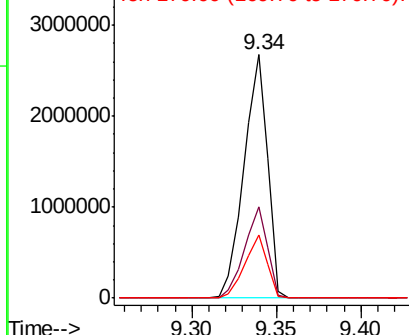


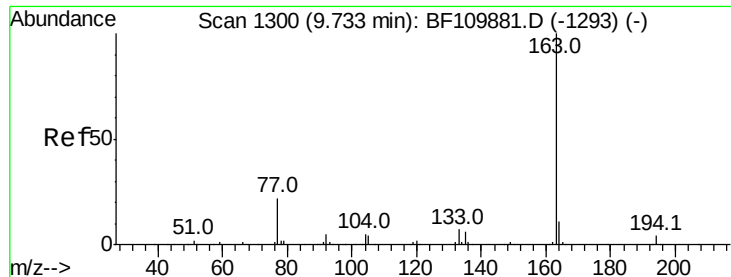
#45
 2-Fluorobiphenyl
 Concen: 86.919 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	43.0
170	25.7	19.7	29.5



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

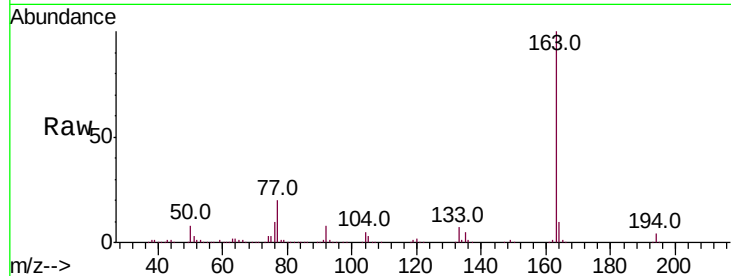




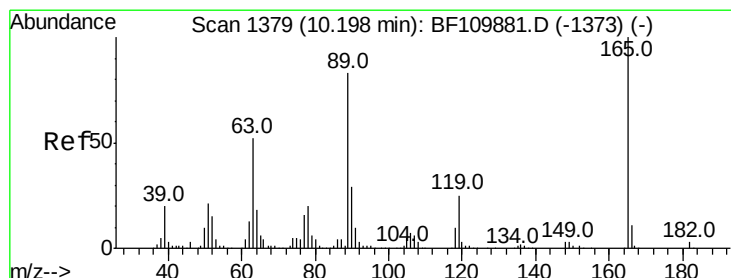
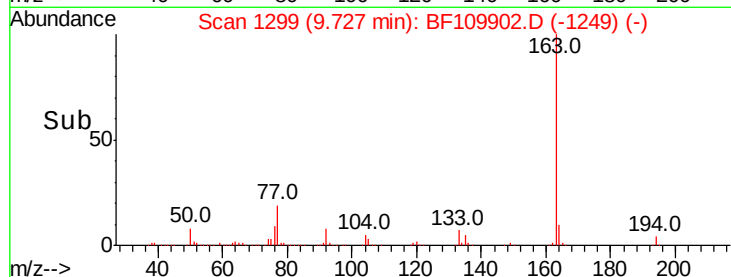
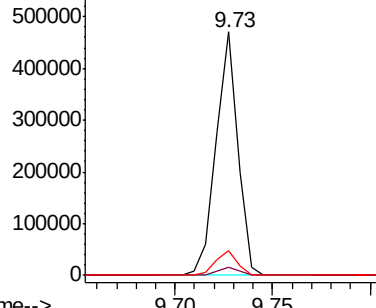
#50
 Dimethylphthalate
 Concen: 10.730 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot	Ion:163	Resp:	363732
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	8.1	12.1

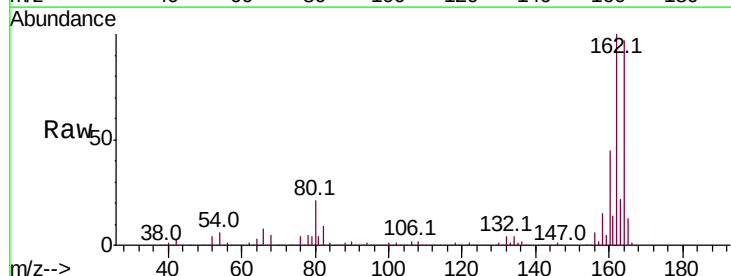


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

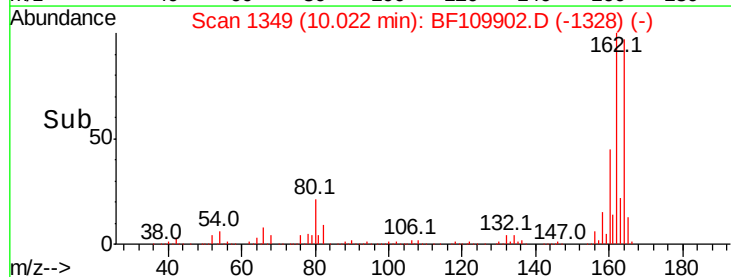
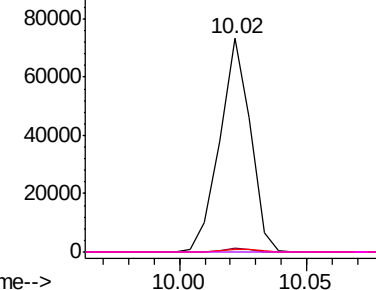


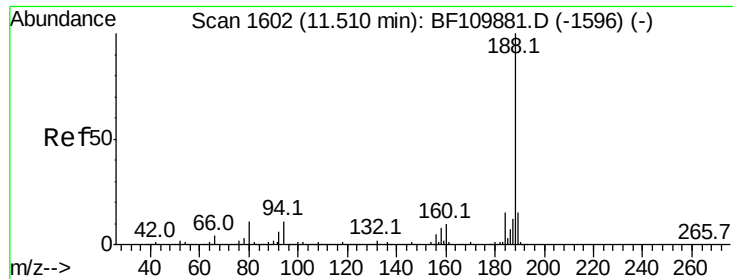
#57
 2,4-Dinitrotoluene
 Concen: 11.478 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.18 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Tgt Ion:165	Resp:	61996
Ion Ratio	Lower	Upper
165 100		
63 1.5	44.8	67.2#
89 1.4	62.2	93.4#
182 0.0	2.1	3.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

BNA_F

ClientSampled :

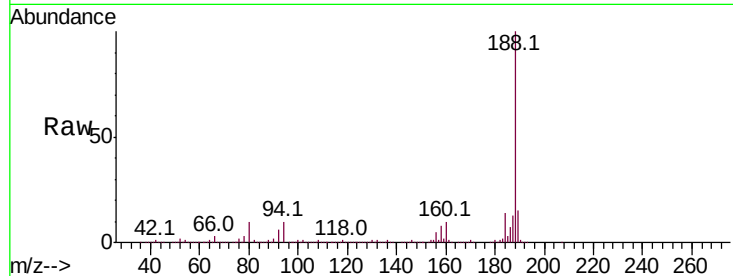
Tot Ion:188 Resp: 715417

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

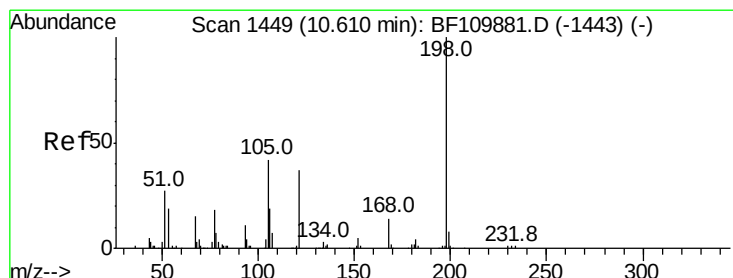
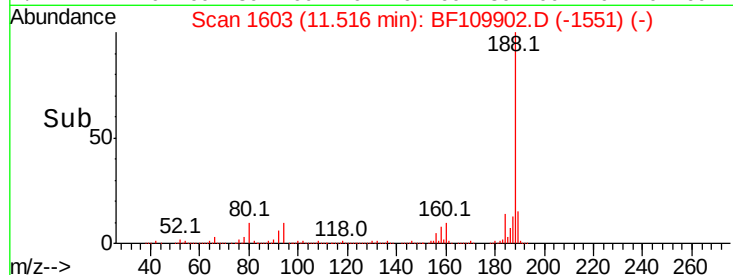
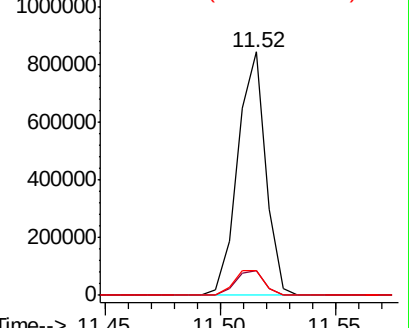
80 10.2 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.203 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.20 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

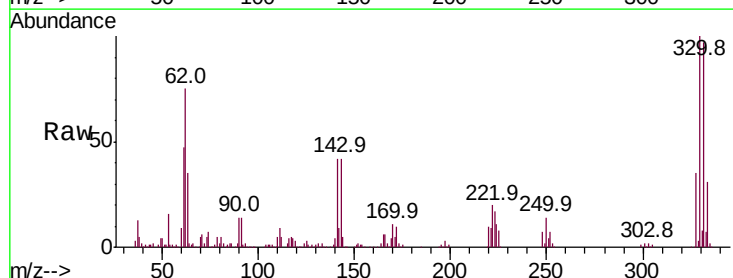
Tgt Ion:198 Resp: 927

Ion Ratio Lower Upper

198 100

51 228.9 22.8 62.8#

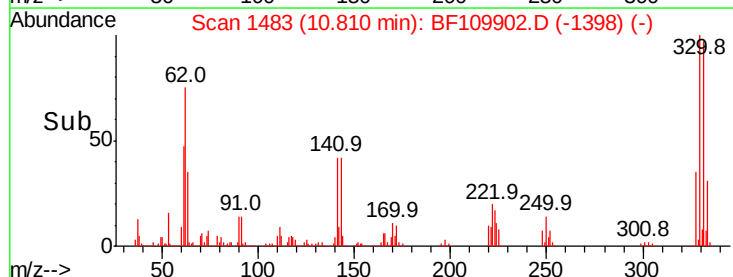
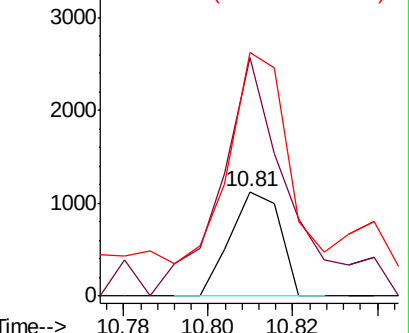
105 233.7 23.6 63.6#

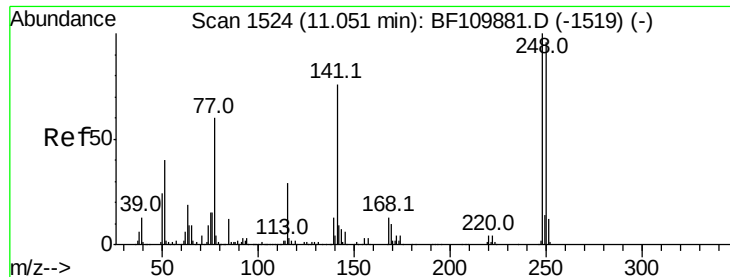


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

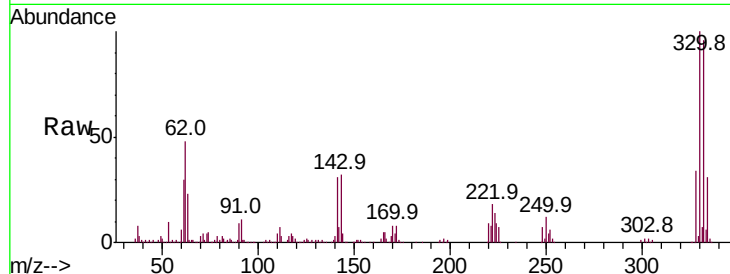




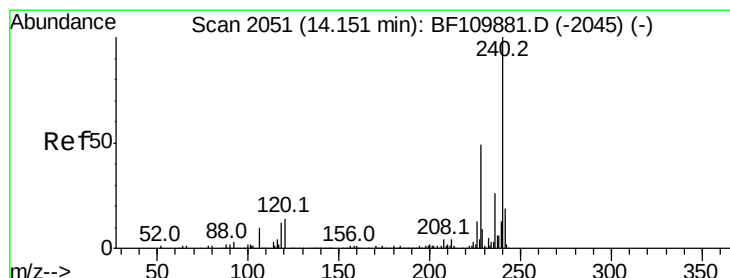
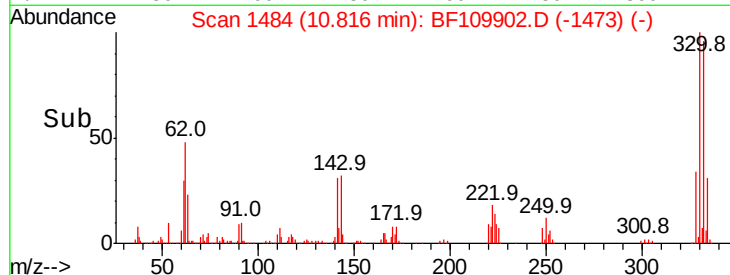
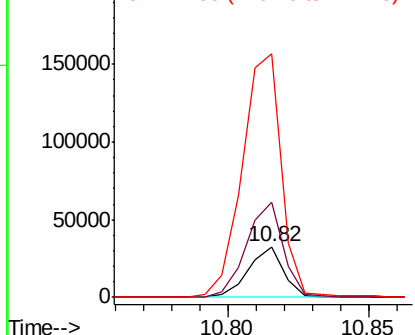
#67
 4-Bromophenyl-phenylether
 Concen: 3.606 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.24 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 27959
 Ion Ratio Lower Upper
 248 100
 250 186.2 79.4 119.2#
 141 479.6 55.9 83.9#

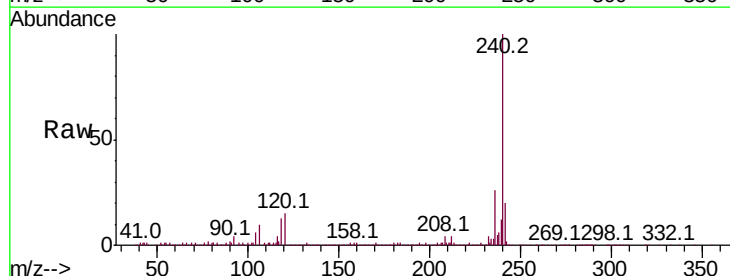


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

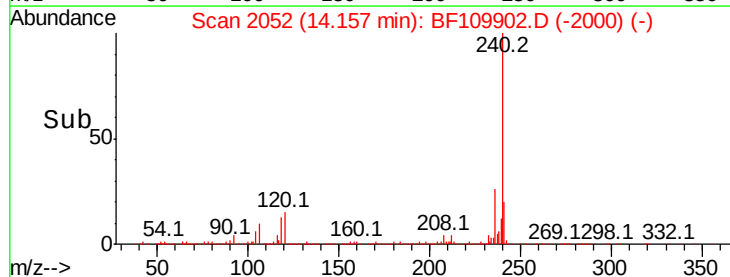
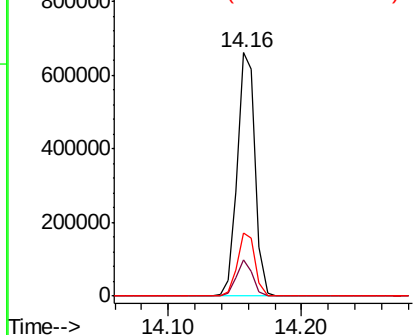


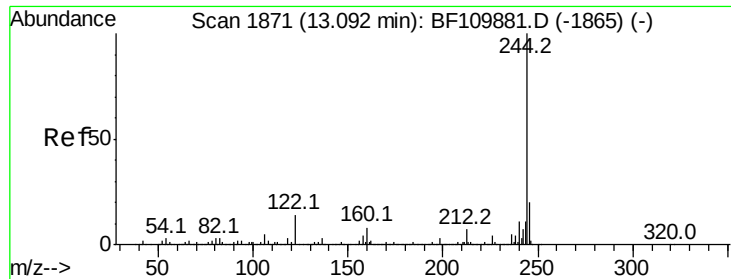
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Tgt Ion:240 Resp: 619679
 Ion Ratio Lower Upper
 240 100
 120 14.9 8.3 12.5#
 236 25.9 21.2 31.8



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



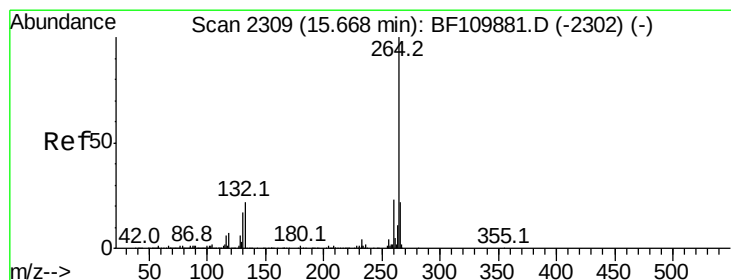
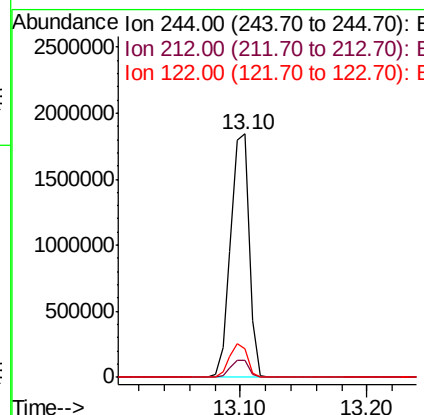
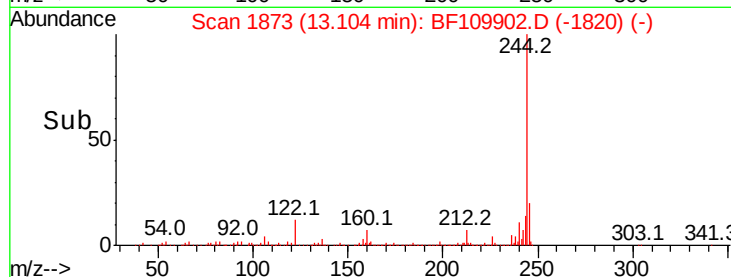
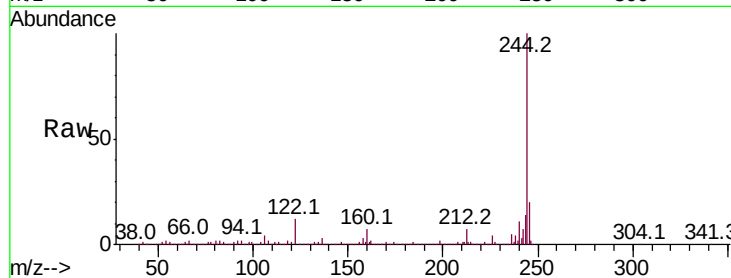


#79
 Terphenyl-d14
 Concen: 63.290 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1867655

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.02 min
 Lab File: BF109902.D
 Acq: 16 Oct 2018 13:53

Tgt Ion:264 Resp: 677282

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1

