

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112944.D
 Acq On : 8 Mar 2019 15:11
 Operator : JU/SJ
 Sample : K1783-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

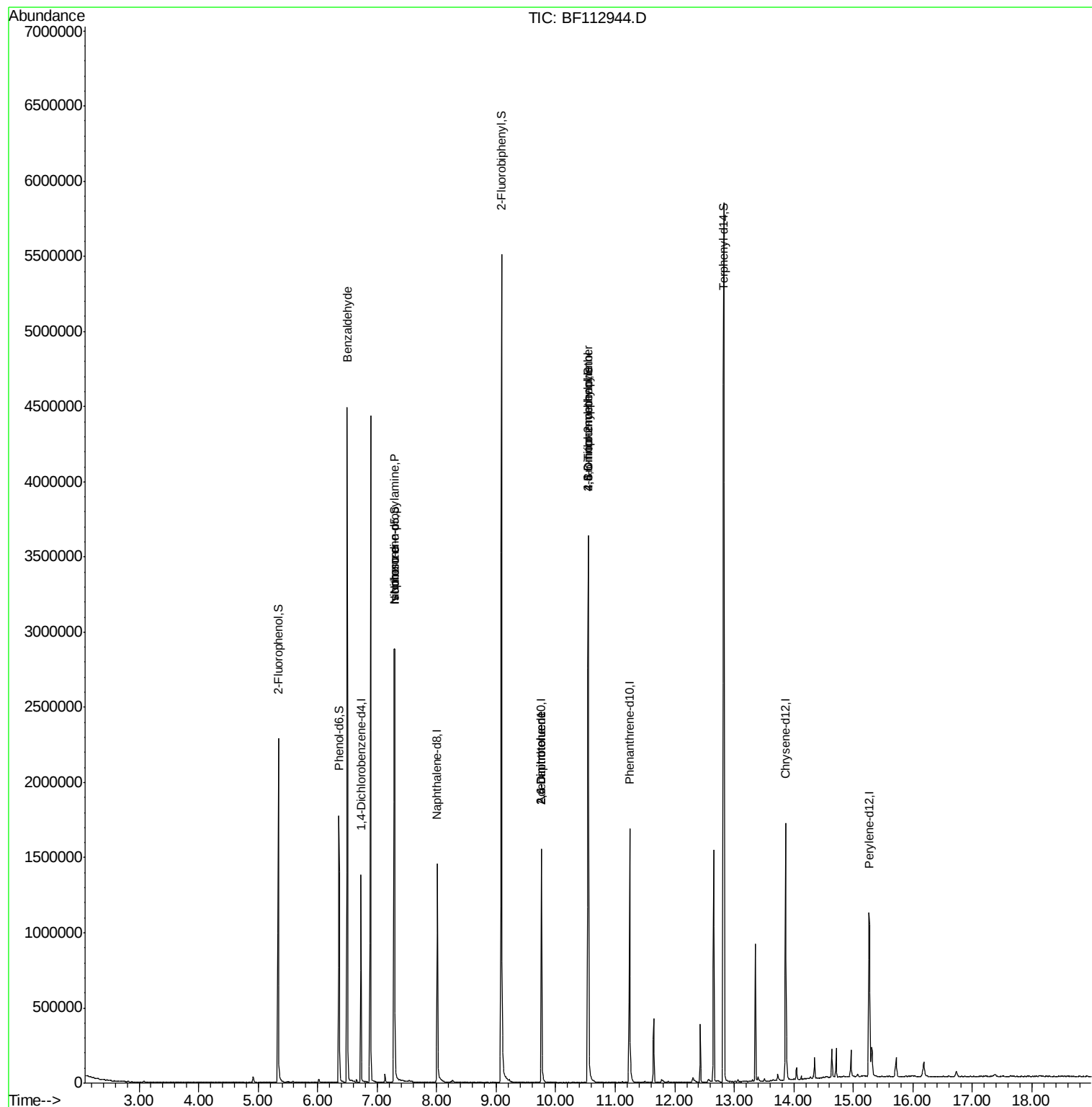
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196003	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	747491	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	359590	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	765250	20.00	ng	0.00
76) Chrysene-d12	13.86	240	716353	20.00	ng	-0.01
87) Perylene-d12	15.26	264	617811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	713881	56.66	ng	0.00
7) Phenol-d6	6.36	99	593872	37.52	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1147987	91.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	556766	145.85	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2064603	99.62	ng	-0.01
79) Terphenyl-d14	12.82	244	2427967	65.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	26645	2.336	ng	# 76
19) n-Nitroso-di-n-propylamine	7.29	70	150007	14.964	ng	# 76
25) Isophorone	7.29	82	1124451	41.783	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	45006	8.151	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	45006	6.558	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	764	4.832	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	31884	3.956	ng	# 1

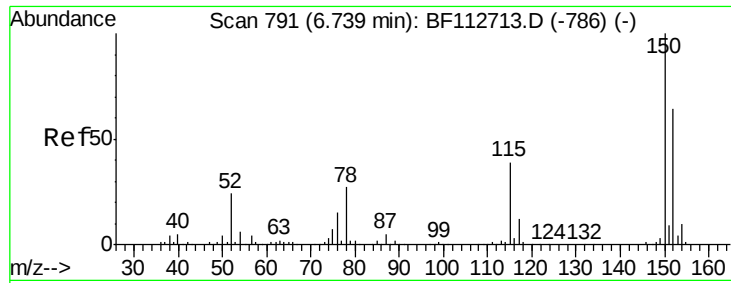
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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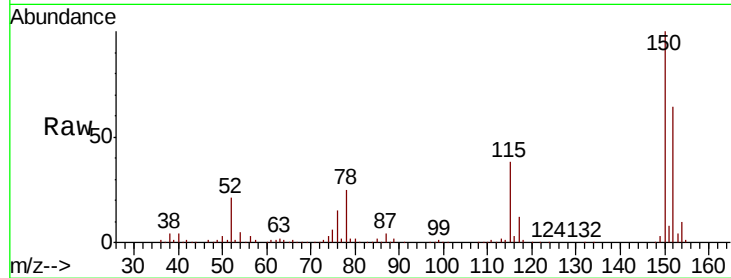


#1

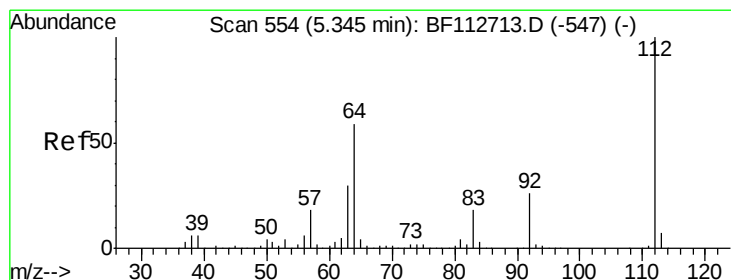
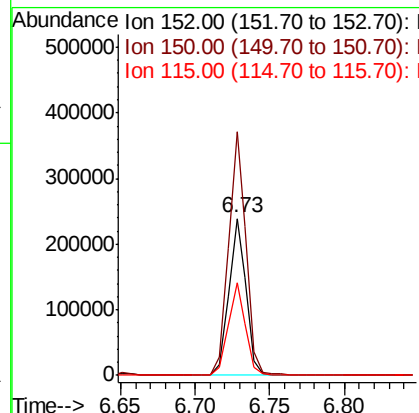
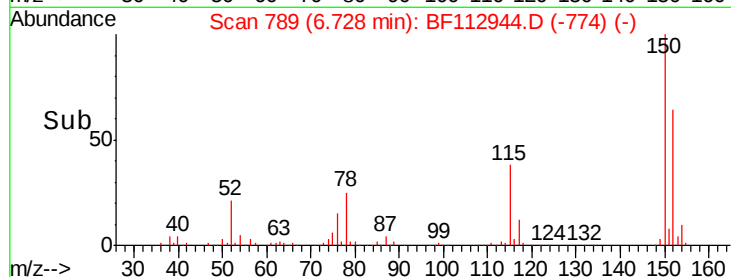
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 196003
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 59.0 48.2 72.4



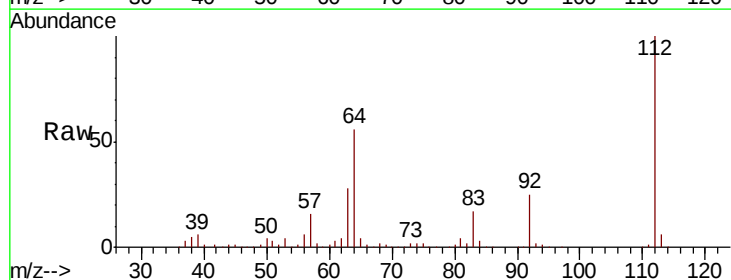
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



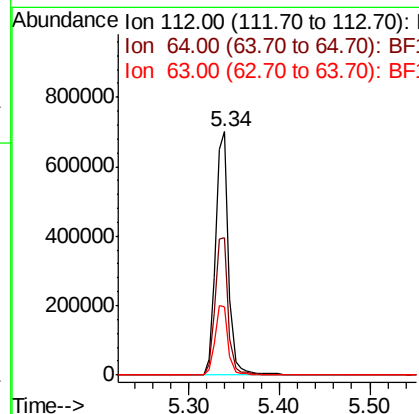
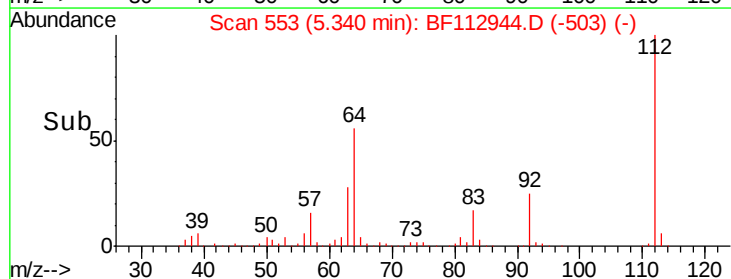
#5

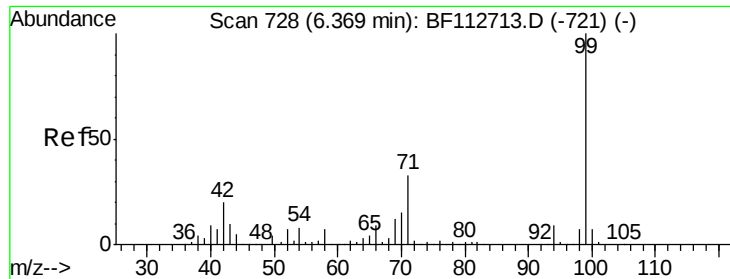
2-Fluorophenol
Concen: 56.656 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion:112 Resp: 713881
Ion Ratio Lower Upper
112 100
64 56.3 47.6 71.4
63 28.0 24.4 36.6



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: 37.520 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

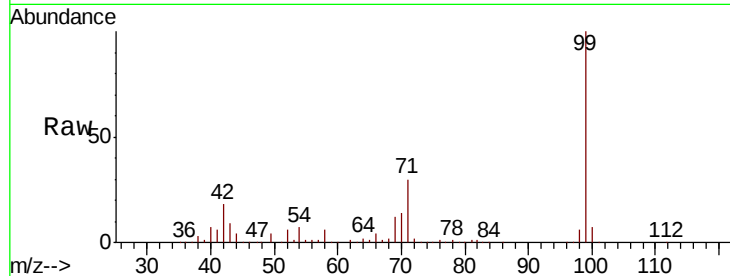
Tot Ion: 99 Resp: 593872

Ion Ratio Lower Upper

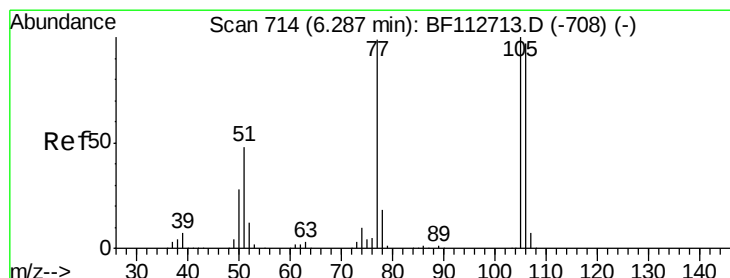
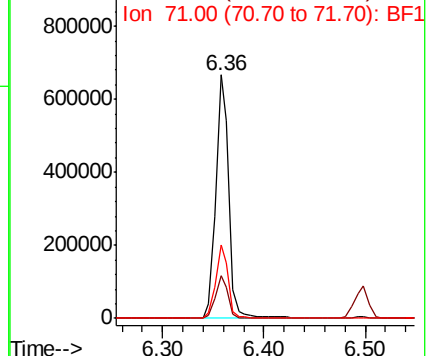
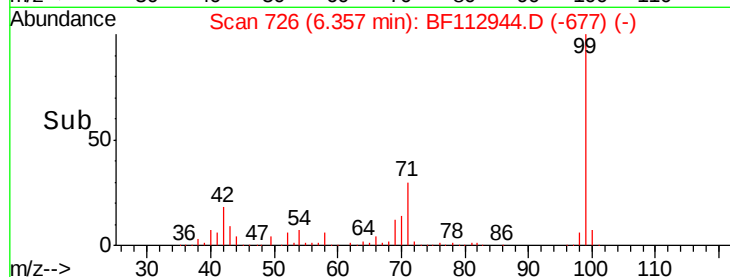
99 100

42 17.7 16.3 24.5

71 30.0 26.2 39.4



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: 2.336 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.21 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

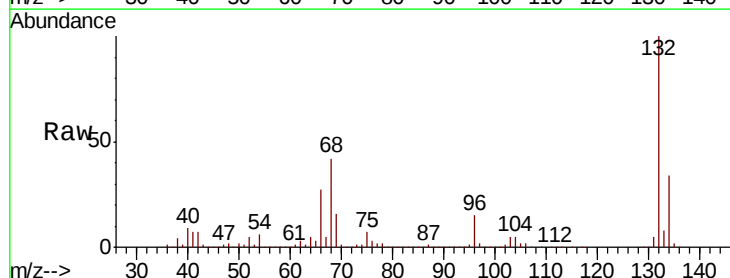
Tgt Ion: 77 Resp: 26645

Ion Ratio Lower Upper

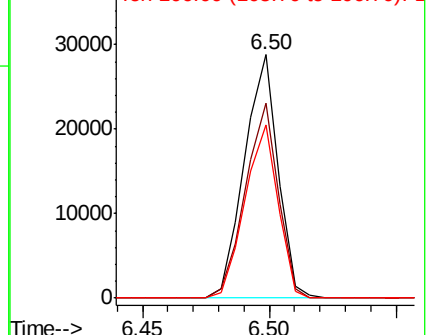
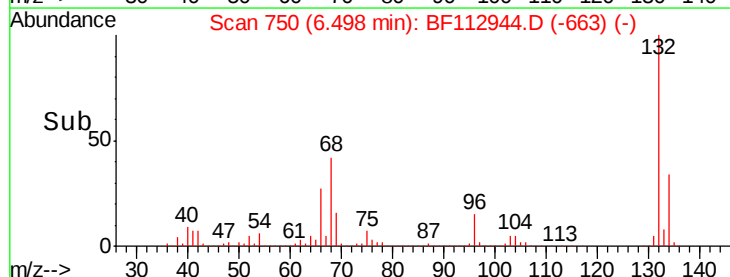
77 100

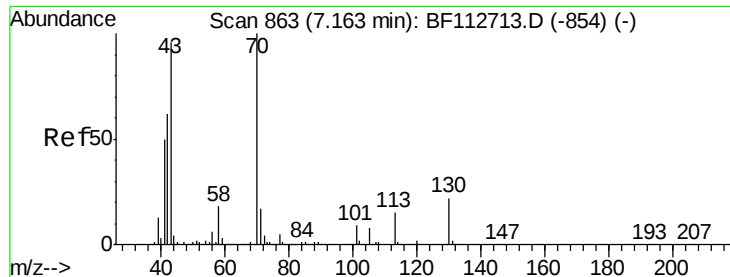
105 80.0 81.4 121.4#

106 71.2 78.3 118.3#



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

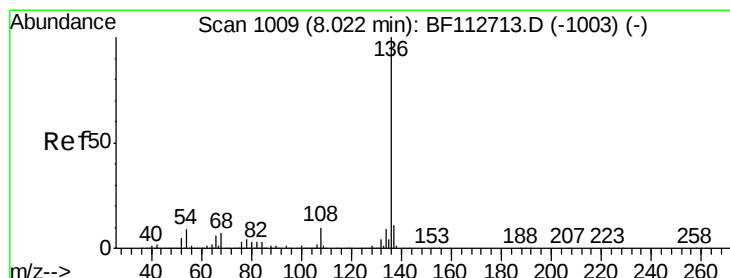
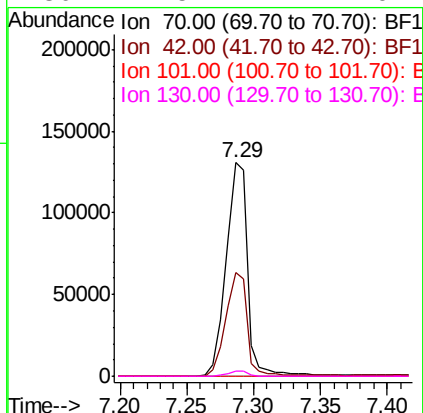
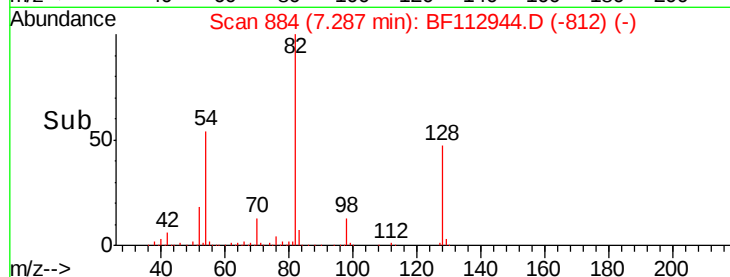
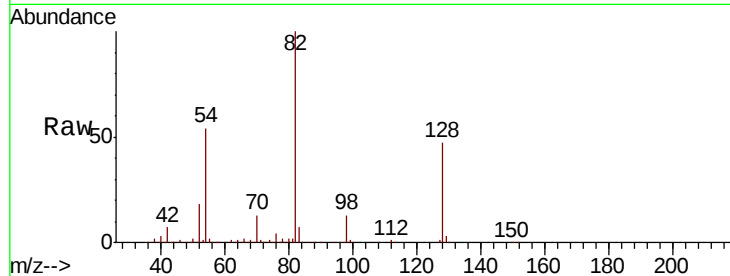




#19
n-Nitroso-di-n-propylamine
Concen: 14.964 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

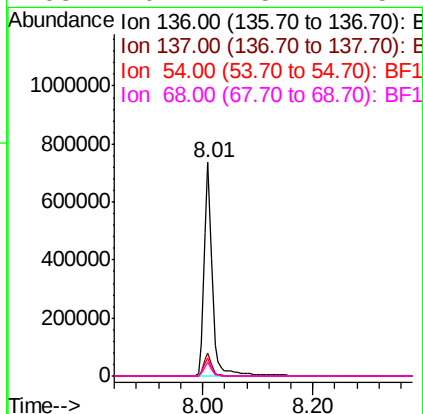
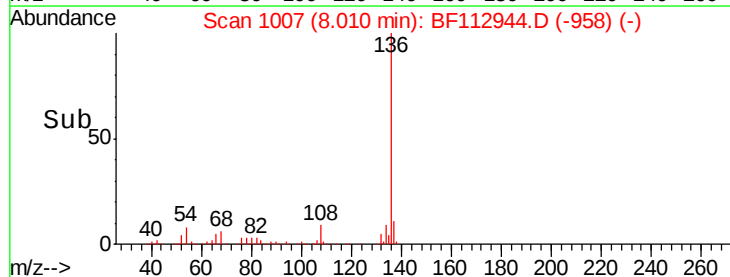
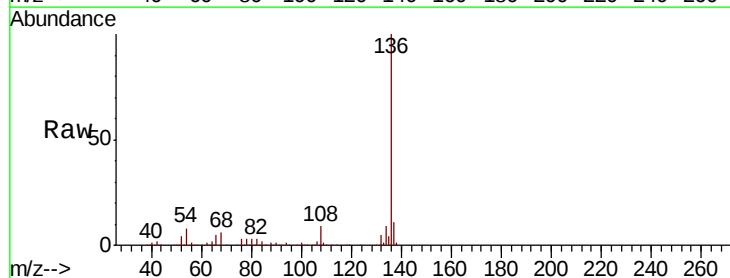
Instrument :
BNA_F
ClientSampleId :

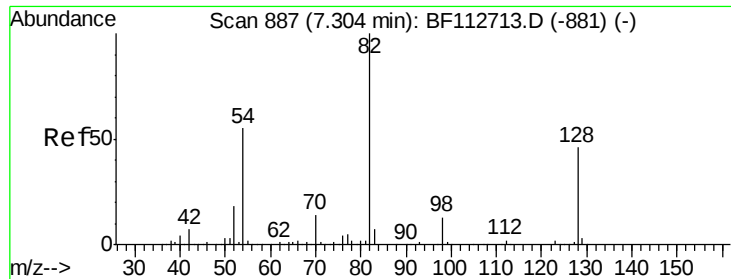
Tot Ion: 70 Resp: 150007
Ion Ratio Lower Upper
70 100
42 48.7 49.9 74.9#
101 0.0 7.4 11.2#
130 2.5 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion: 136 Resp: 747491
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 7.3 10.9
68 6.4 5.4 8.2

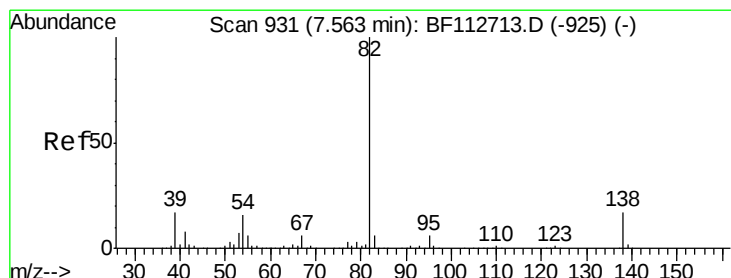
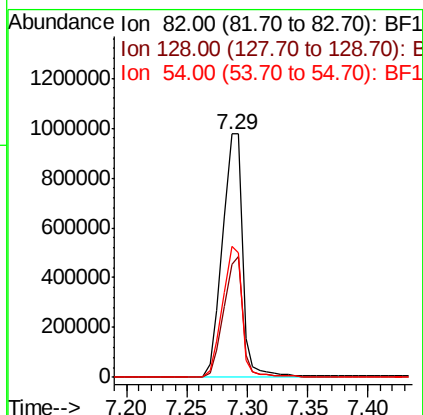
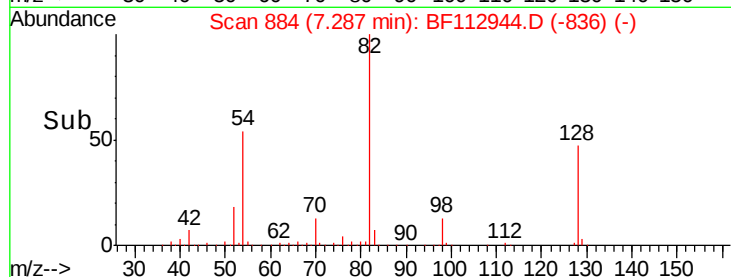
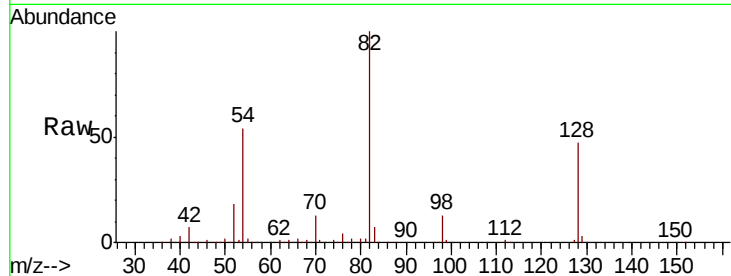




#23
Nitrobenzene-d5
Concen: 91.898 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

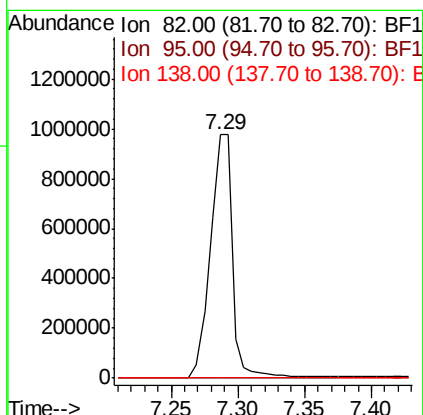
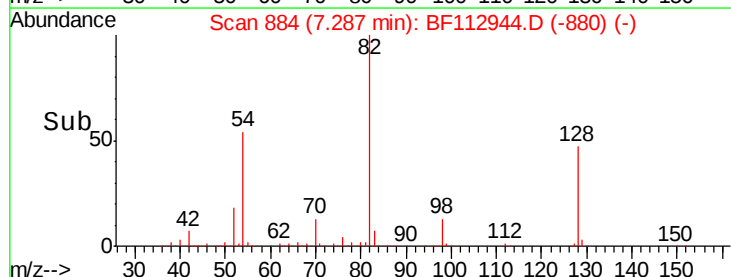
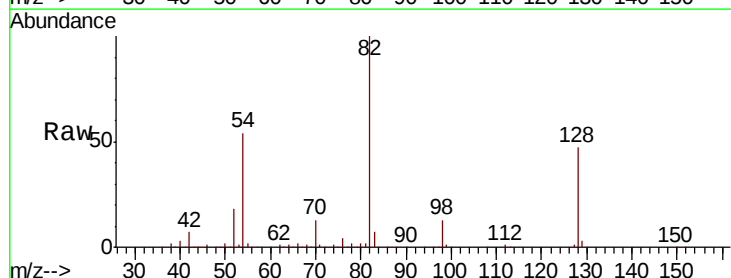
Instrument :
BNA_F
ClientSampleId :

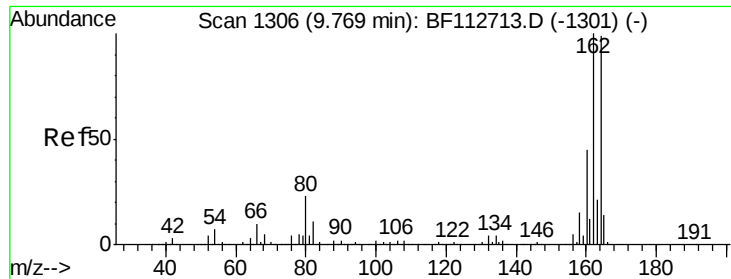
Tot Ion: 82 Resp: 1147987
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 53.6 43.7 65.5



#25
Isophorone
Concen: 41.783 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion: 82 Resp: 1124451
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

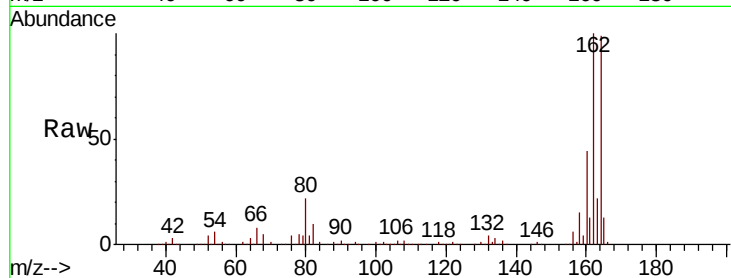




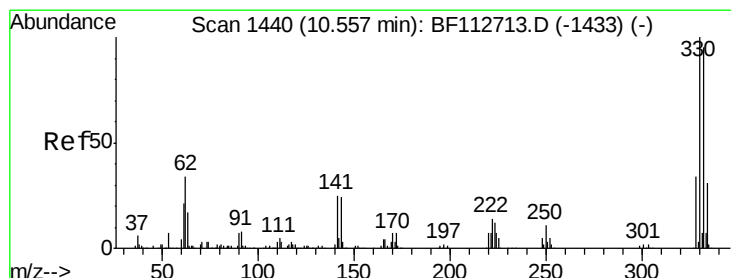
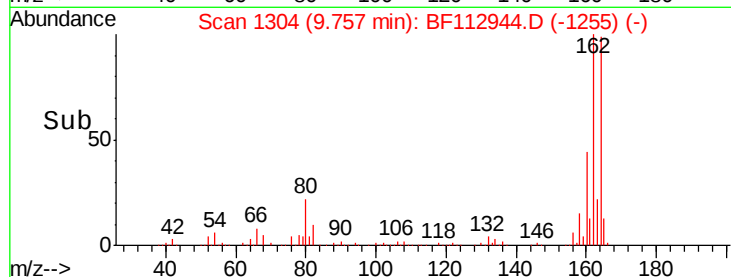
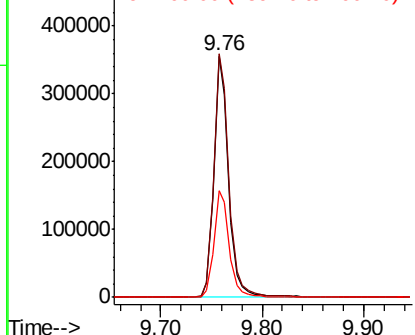
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 359590
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.3 36.0 54.0

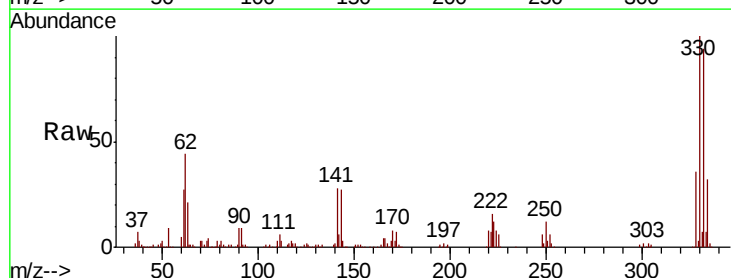


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

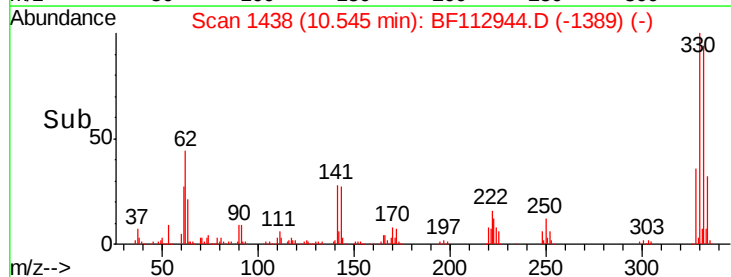
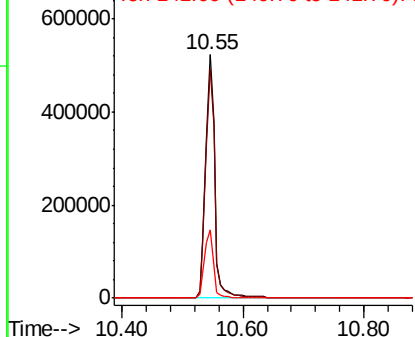


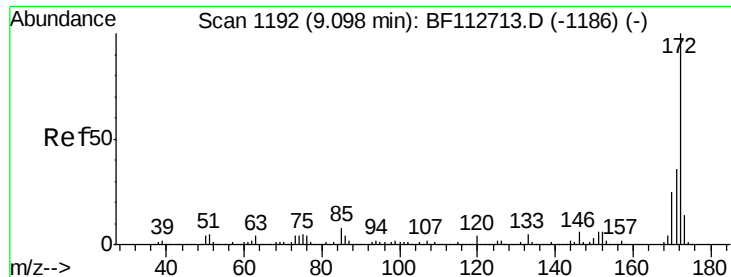
#42
2,4,6-Tribromophenol
Concen: 145.846 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion:330 Resp: 556766
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 27.8 27.0 40.6



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



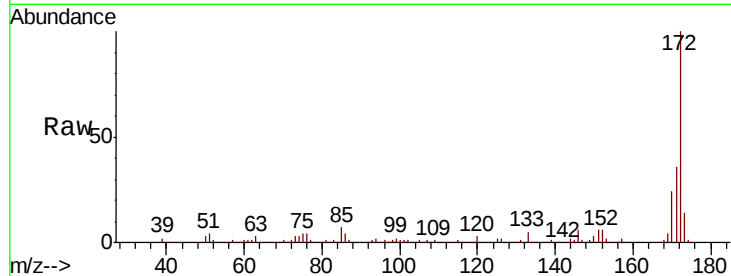


#45
 2-Fluorobiphenyl
 Concen: 99.617 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

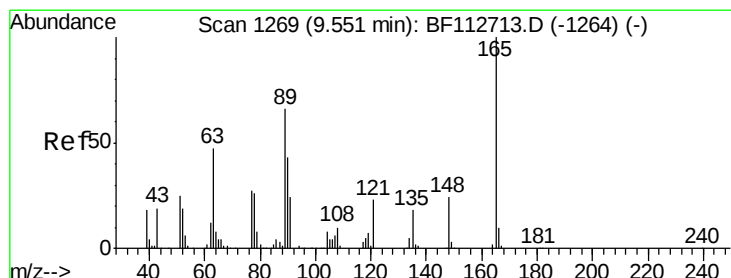
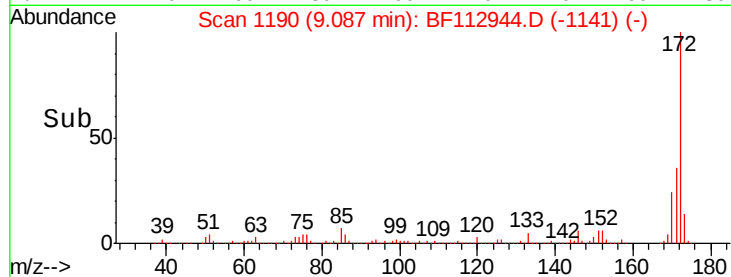
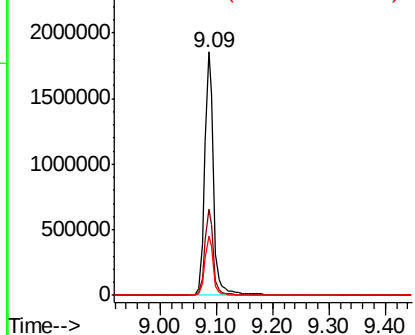
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2064603

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.5	20.0	30.0



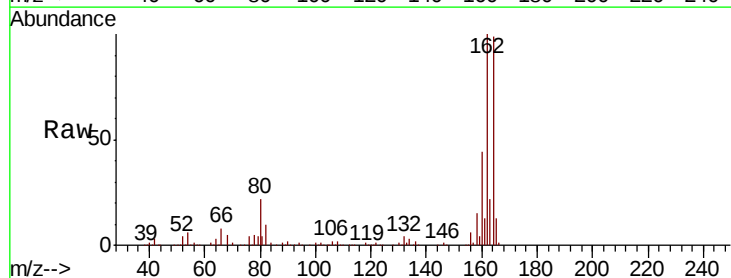
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



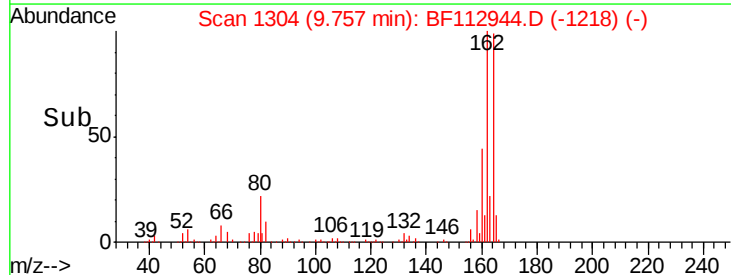
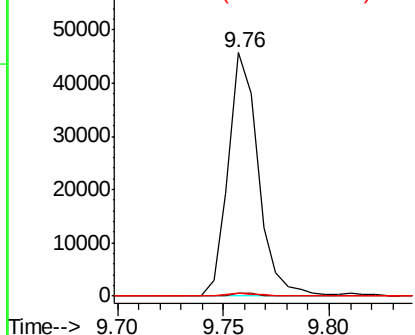
#51
 2,6-Dinitrotoluene
 Concen: 8.151 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

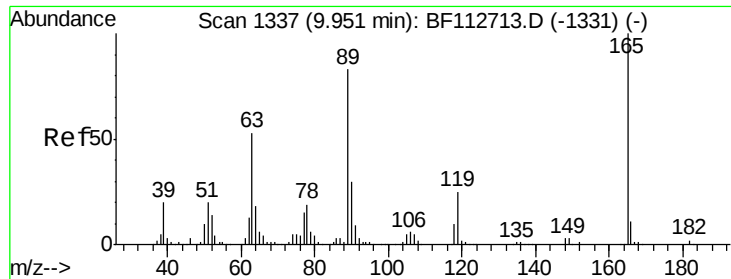
Tgt Ion:165 Resp: 45006

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.5	52.8	79.2#



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

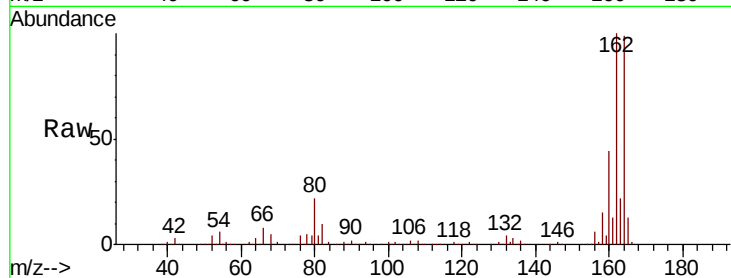




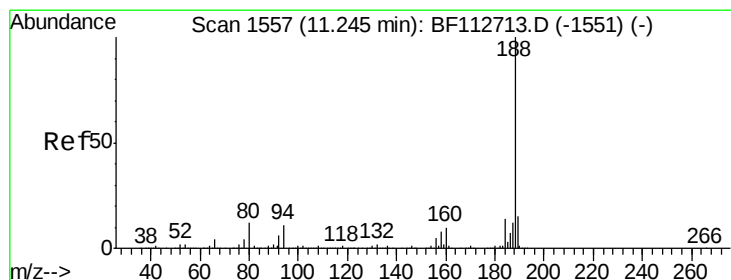
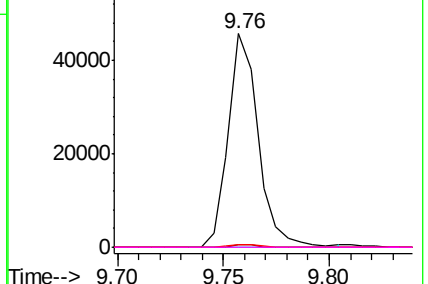
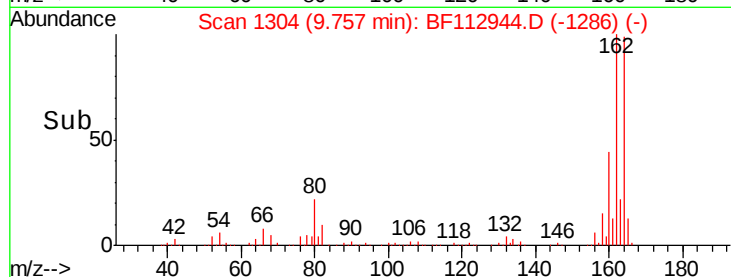
#57
 2,4-Dinitrotoluene
 Concen: 6.558 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	45006
Ion Ratio	Lower	Upper
165	100	
63	1.0	42.2 63.2#
89	1.5	66.2 99.4#
182	0.0	1.8 2.6#

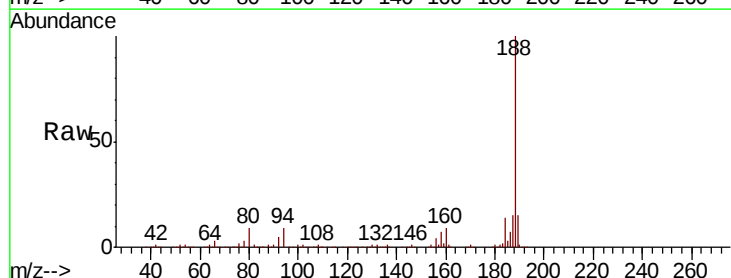


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

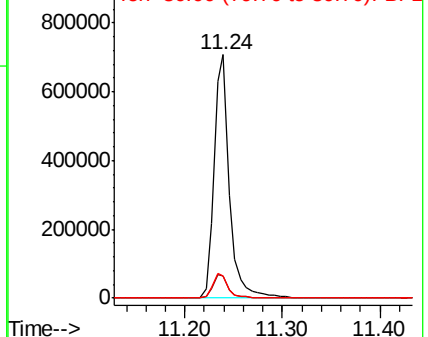
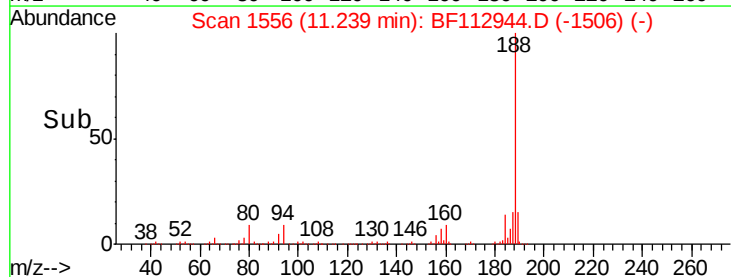


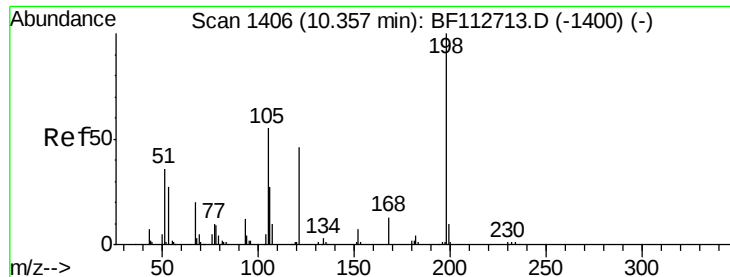
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Tgt Ion:188	Resp:	765250
Ion Ratio	Lower	Upper
188	100	
94	9.3	9.0 13.4
80	9.3	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

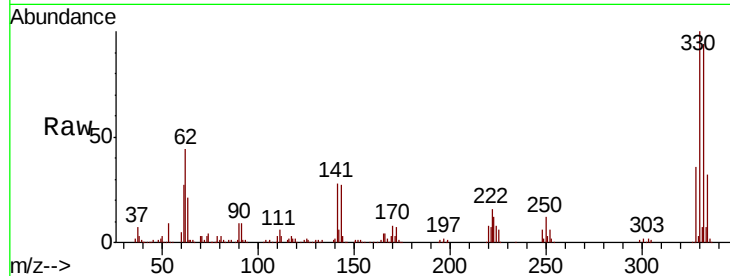




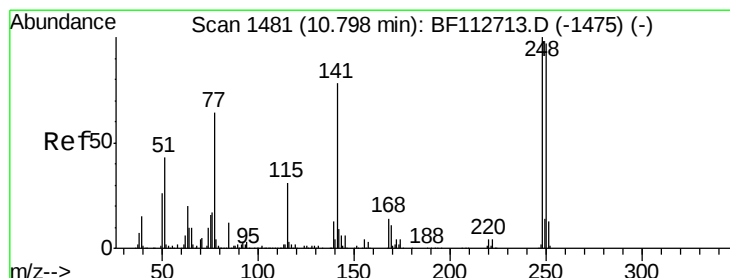
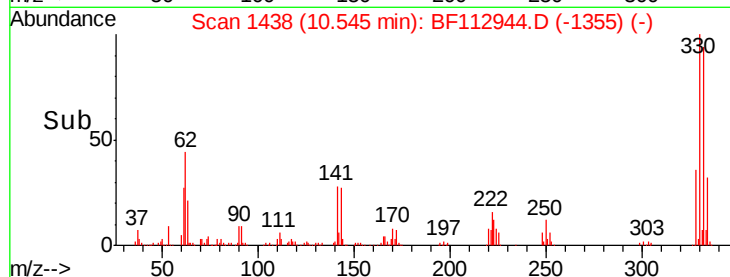
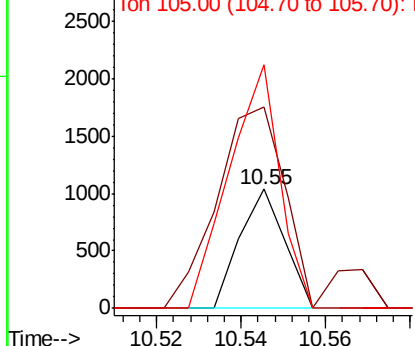
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.832 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 764
 Ion Ratio Lower Upper
 198 100
 51 169.0 43.8 83.8#
 105 204.0 36.5 76.5#

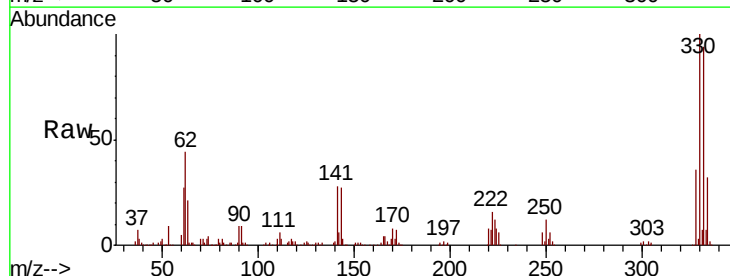


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

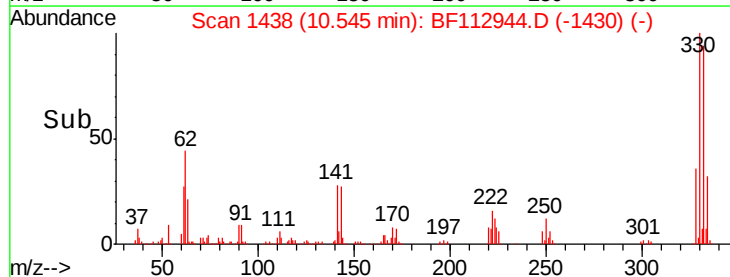
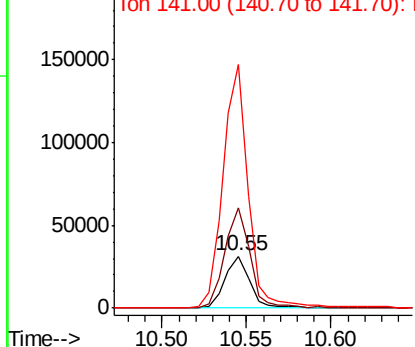


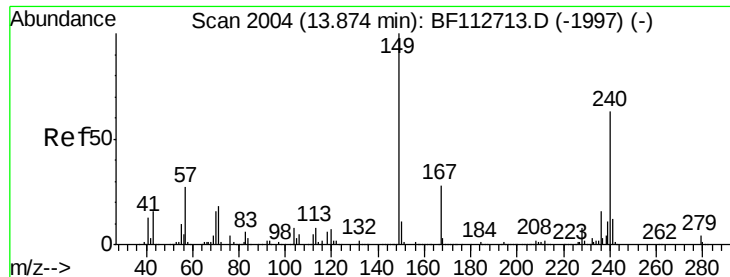
#67
 4-Bromophenyl-phenylether
 Concen: 3.956 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Tgt Ion:248 Resp: 31884
 Ion Ratio Lower Upper
 248 100
 250 193.6 77.5 116.3#
 141 471.6 62.4 93.6#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

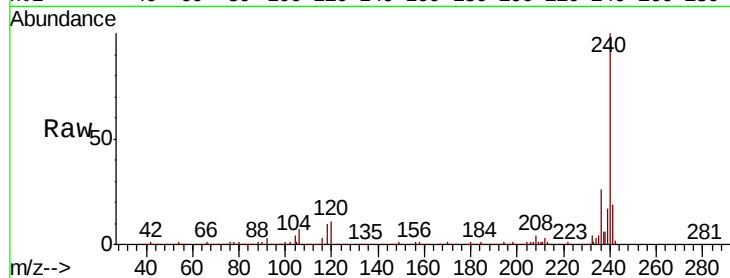
Tot Ion:240 Resp: 716353

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

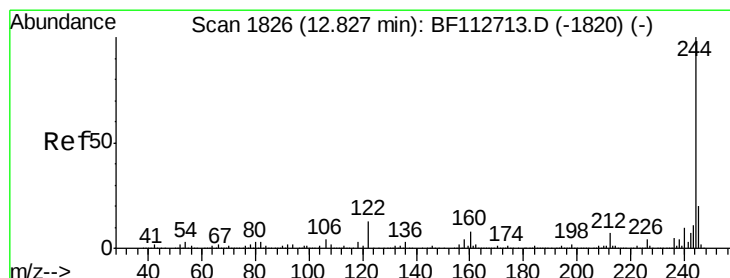
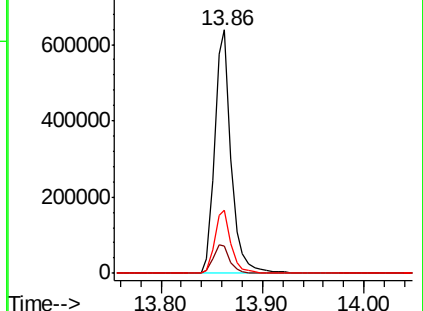
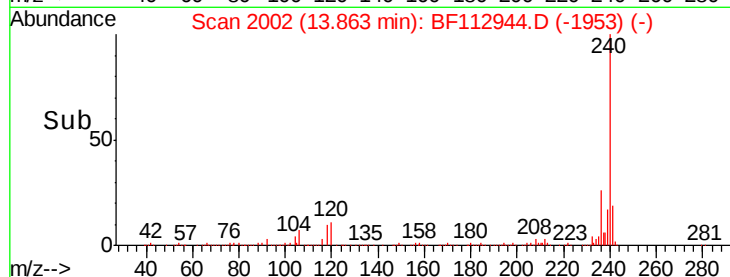
236 26.0 20.7 31.1



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



#79

Terphenyl-d14

Concen: 65.702 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

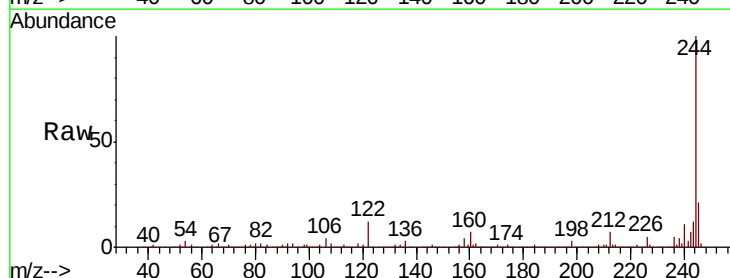
Tgt Ion:244 Resp: 2427967

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

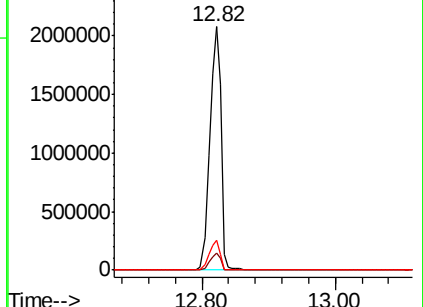
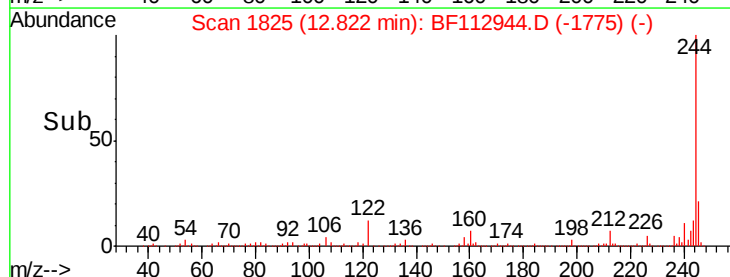
122 12.3 10.5 15.7

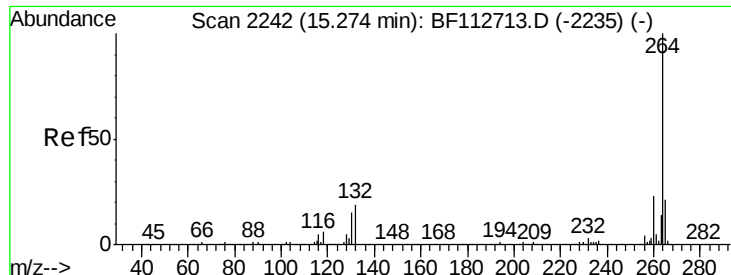


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



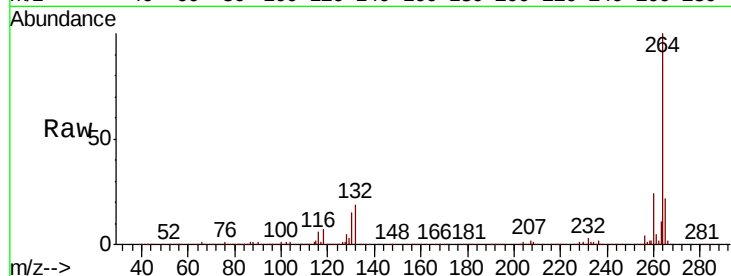


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 617811

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.5	17.2	25.8



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

