

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104850.D
 Acq On : 26 Apr 2018 21:07
 Operator : JU/SJ
 Sample : J2585-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

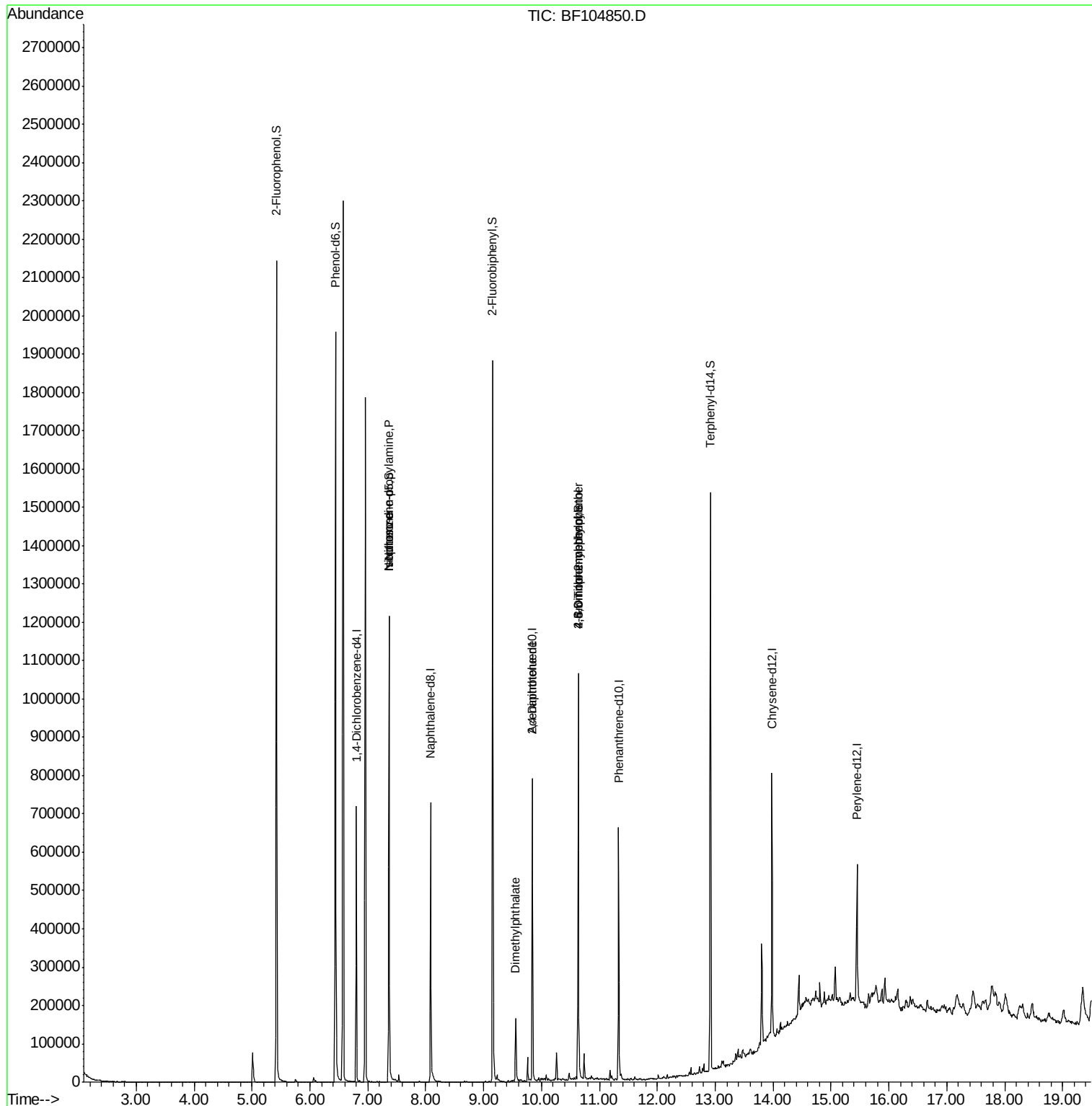
Quant Time: Apr 27 07:39:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

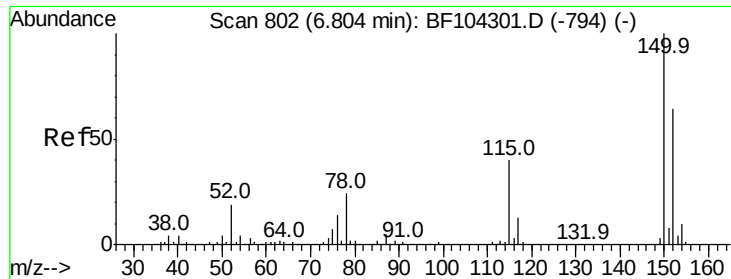
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101540	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	392752	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	152181	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	253910	20.00	ng	0.00
75) Chrysene-d12	13.98	240	217217	20.00	ng	0.00
86) Perylene-d12	15.45	264	159547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	641045	96.53	ng	0.00
7) Phenol-d6	6.45	99	762010	93.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	453873	75.46	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139001	88.05	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	572771	59.46	ng	0.00
78) Terphenyl-d14	12.92	244	474782	49.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	59101	11.085	ng	# 72
25) Isophorone	7.37	82	453869	35.684	ng	# 64
49) Dimethylphthalate	9.56	163	76745	6.395	ng	# 99
56) 2,4-Dinitrotoluene	9.84	165	19585	6.724	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	106	7.420	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8147	3.017	ng	# 1
76) Benzidine	12.92	184	6178	Below Cal		97

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

```
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Data File : BF104850.D  
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Operator  : JU/SJ  
Sample    : J2585-01  
Misc      :  
ALS Vial  : 21      Sample Multiplier: 1
```

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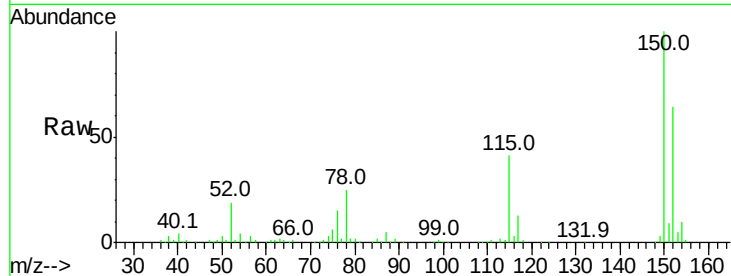


#1

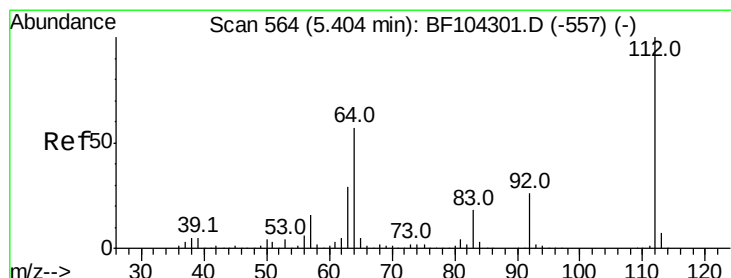
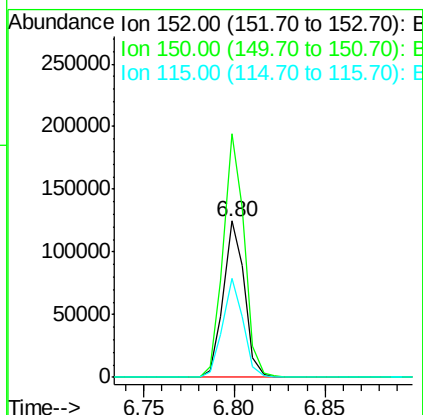
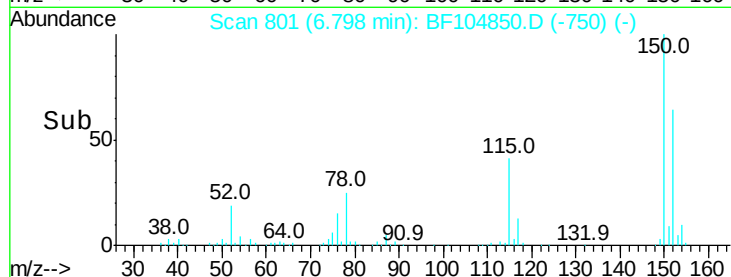
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104850.D
Acq: 26 Apr 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101540
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 63.3 50.1 75.1



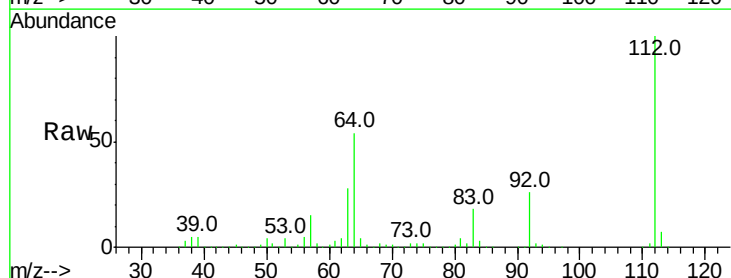
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



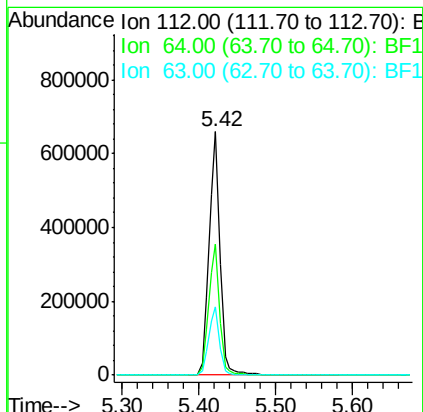
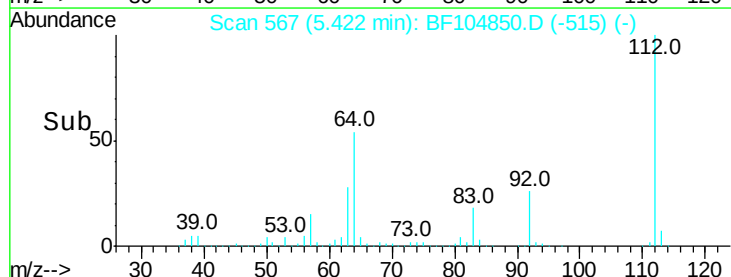
#5

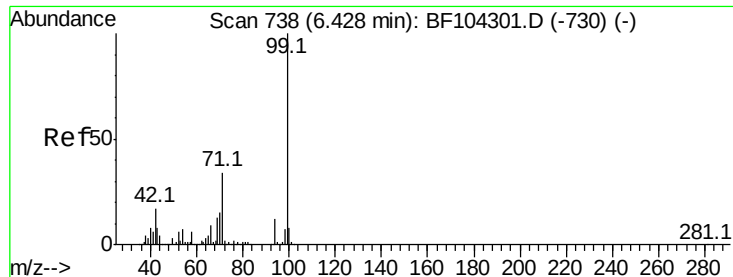
2-Fluorophenol
Concen: 96.533 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104850.D
Acq: 26 Apr 2018 21:07

Tgt Ion:112 Resp: 641045
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.8 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: 93.392 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104850.D

Acq: 26 Apr 2018 21:07

Instrument :

BNA_F

ClientSampleId :

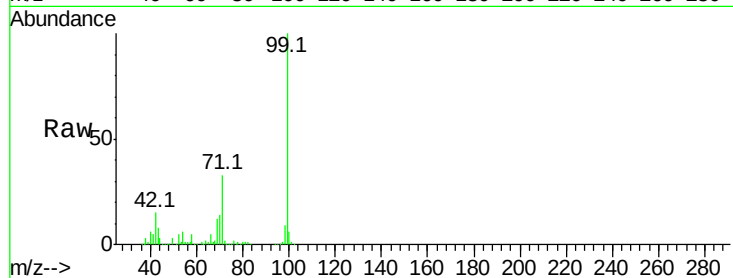
Tot Ion: 99 Resp: 762010

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

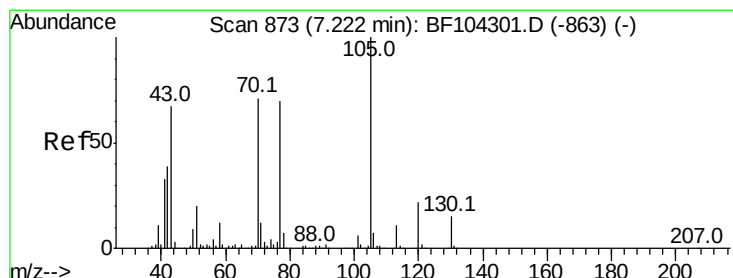
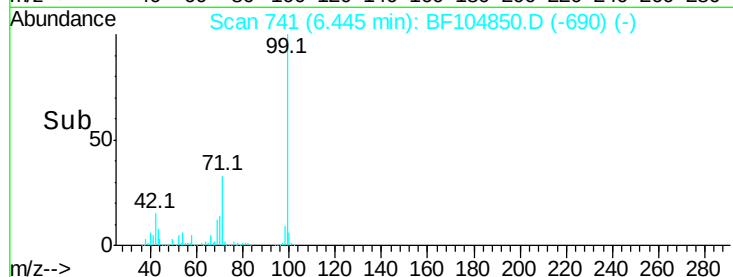
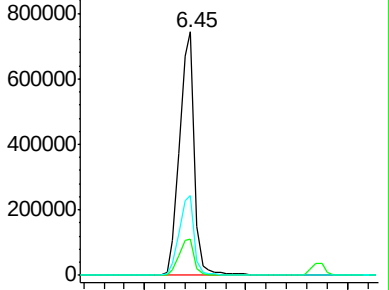
71 33.0 25.4 38.0



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: 11.085 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104850.D

Acq: 26 Apr 2018 21:07

Tgt Ion: 70 Resp: 59101

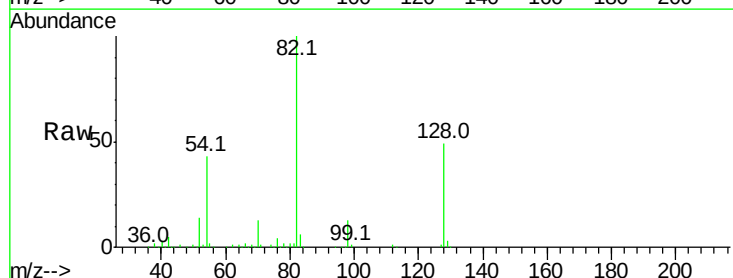
Ion Ratio Lower Upper

70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

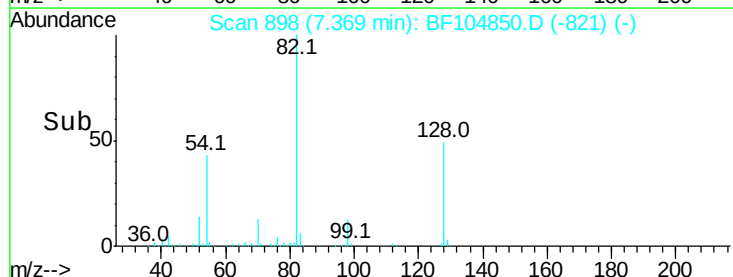
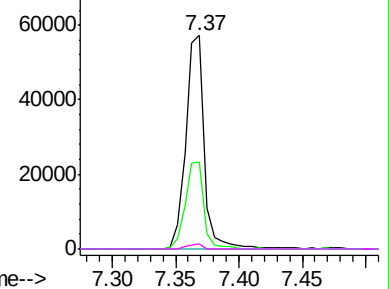


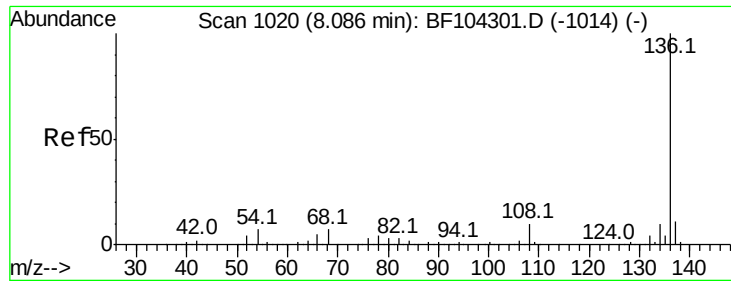
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

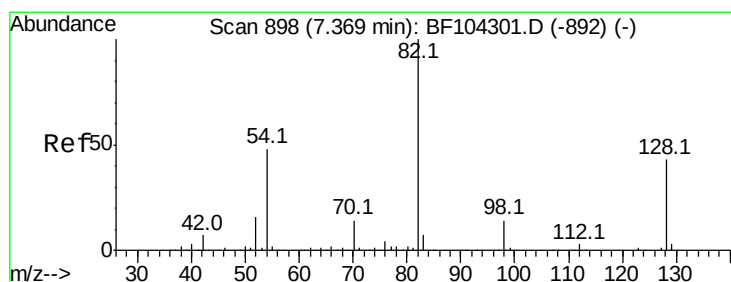
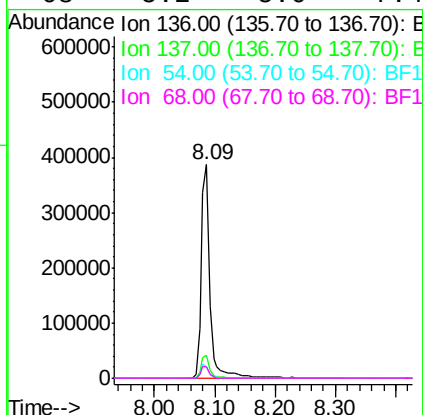
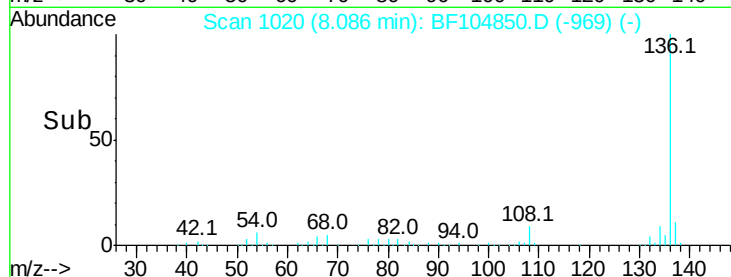
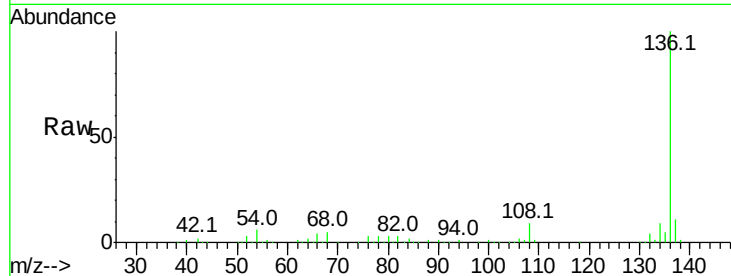




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104850.D
Acq: 26 Apr 2018 21:07

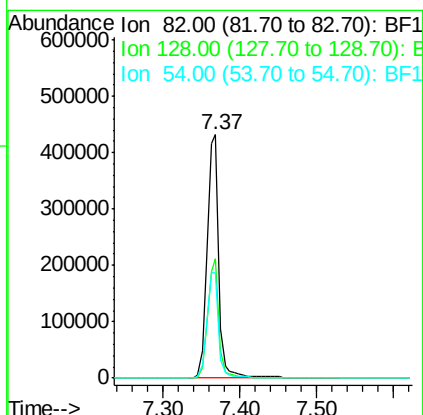
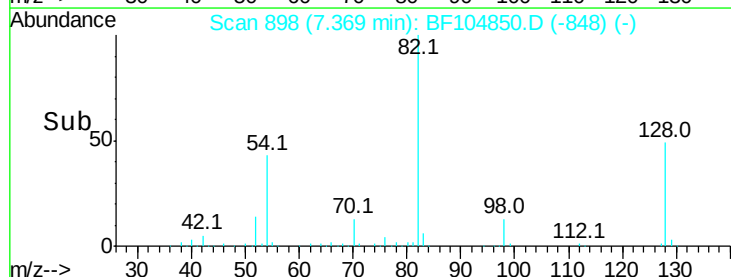
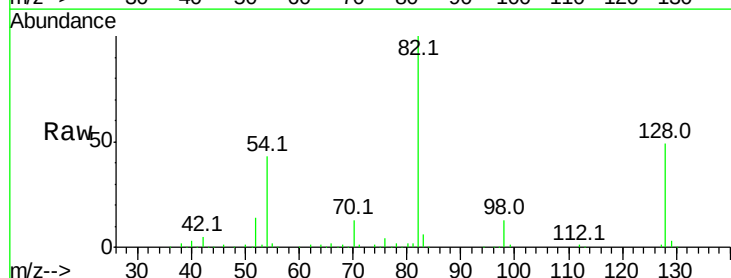
Instrument :
BNA_F
ClientSampled :

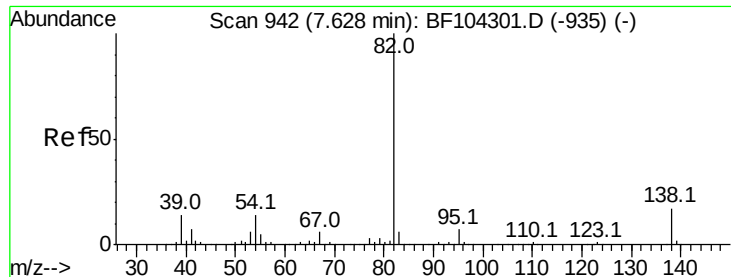
Tot Ion:	136	Resp:	392752
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.7	6.6	9.8#
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.460 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104850.D
Acq: 26 Apr 2018 21:07

Tgt Ion:	82	Resp:	453873
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	43.3	41.4	62.2





#25

Isophorone

Concen: 35.684 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104850.D

Acq: 26 Apr 2018 21:07

Instrument :

BNA_F

ClientSampleId :

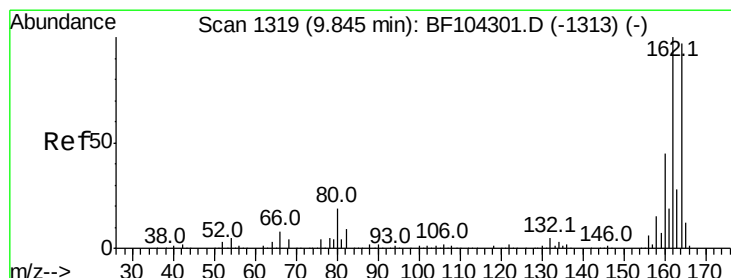
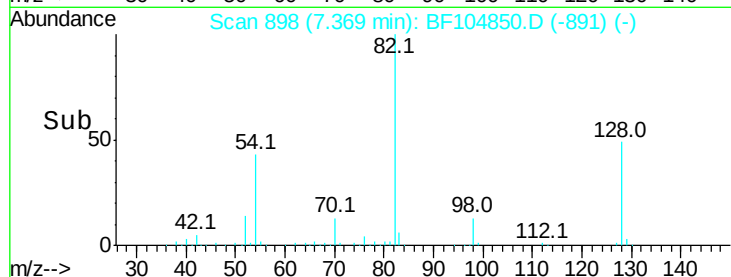
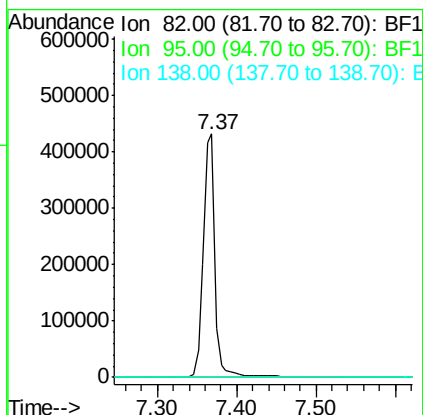
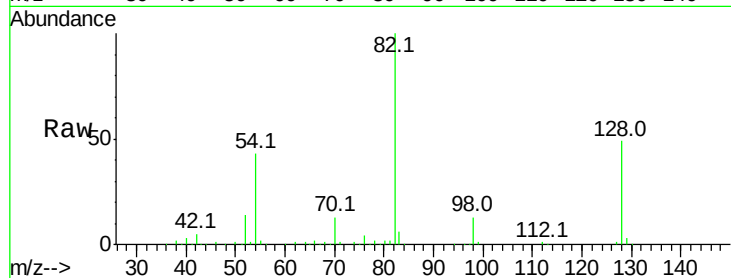
Tot Ion: 82 Resp: 453869

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104850.D

Acq: 26 Apr 2018 21:07

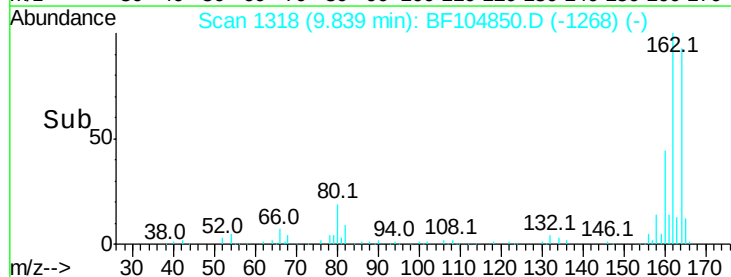
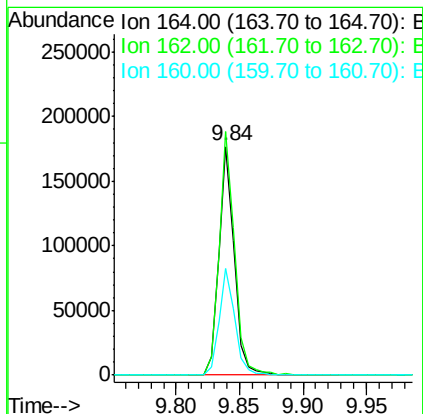
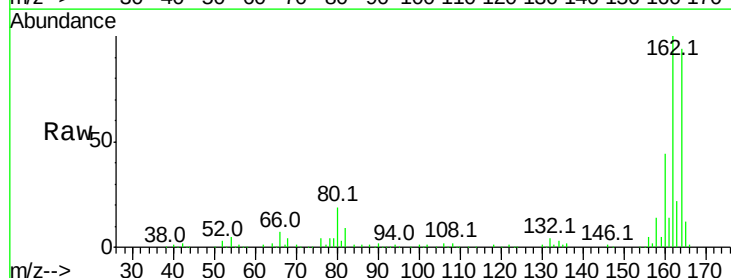
Tgt Ion:164 Resp: 152181

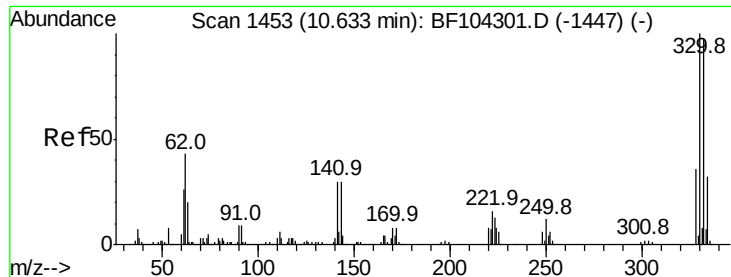
Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

160 46.5 38.3 57.5

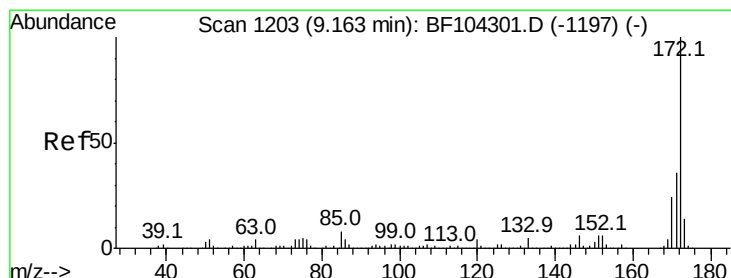
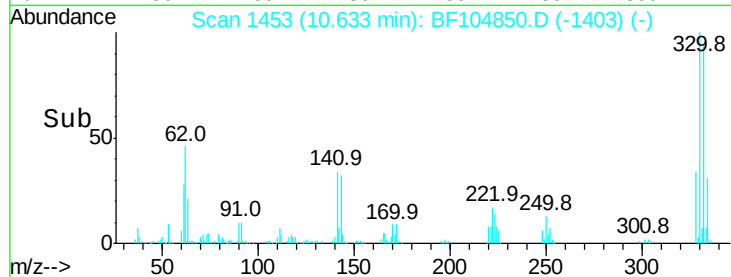
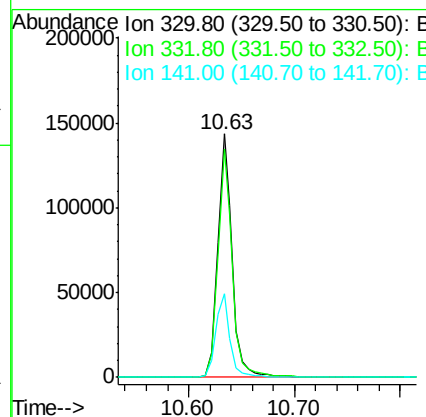
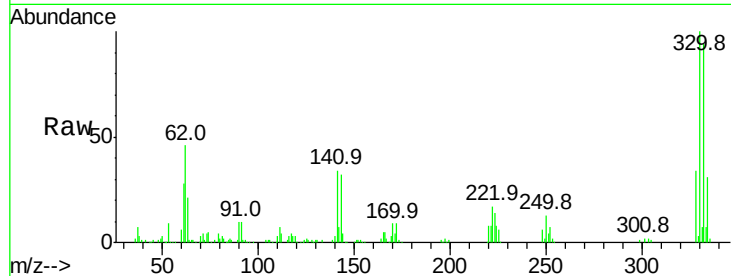




#41
 2,4,6-Tribromophenol
 Concen: 88.053 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

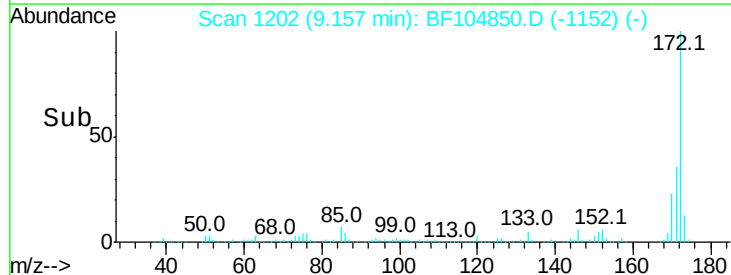
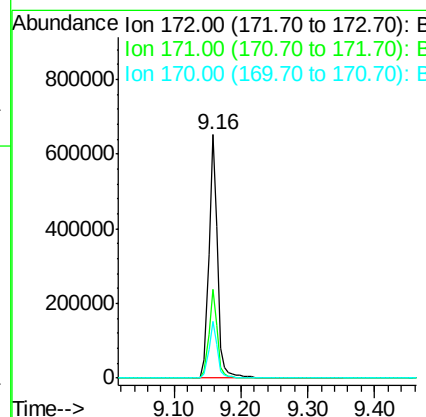
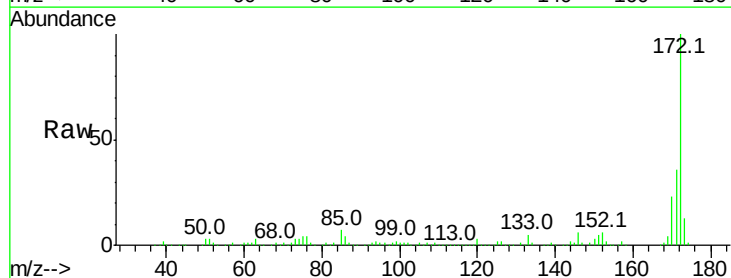
Instrument :
 BNA_F
 ClientSampled :

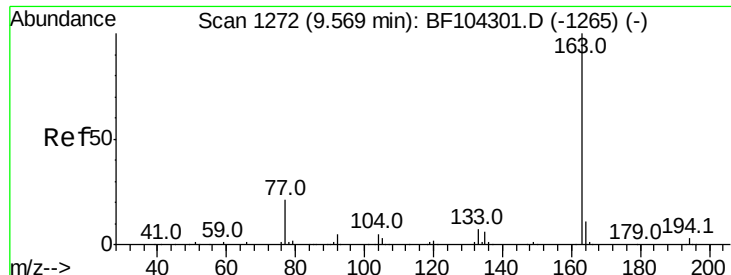
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 59.458 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.2	19.6	29.4

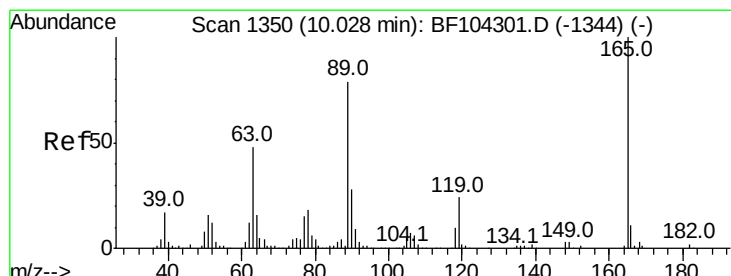
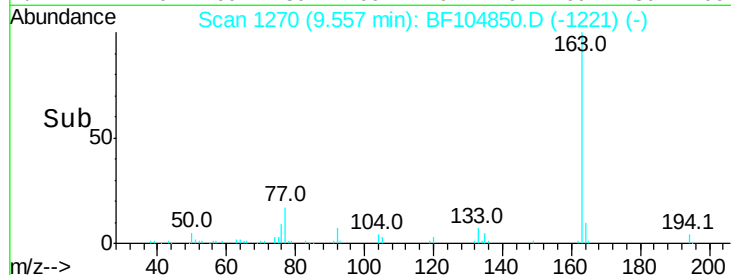
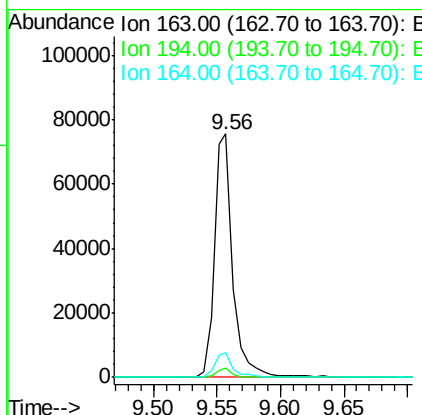
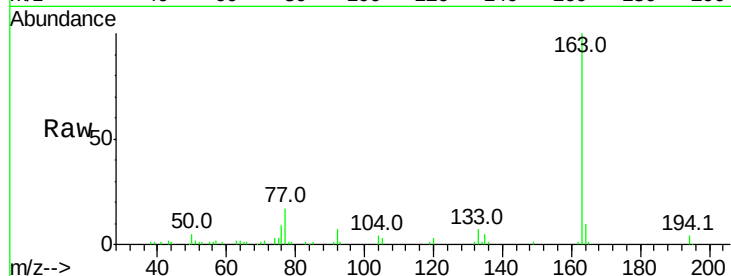




#49
 Dimethylphthalate
 Concen: 6.395 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

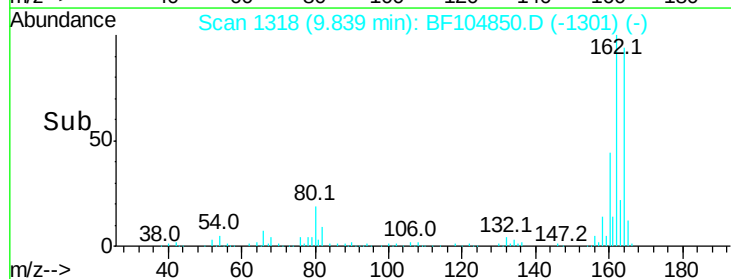
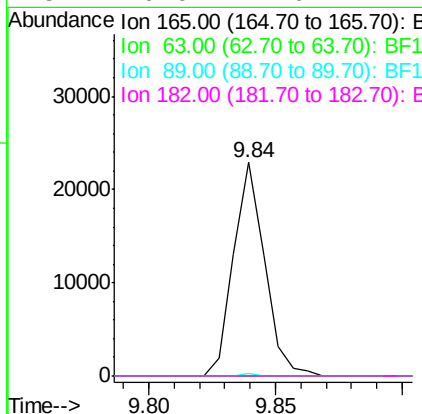
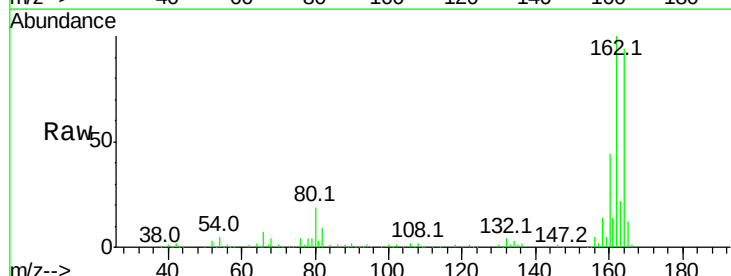
Instrument :
 BNA_F
 ClientSampleId :

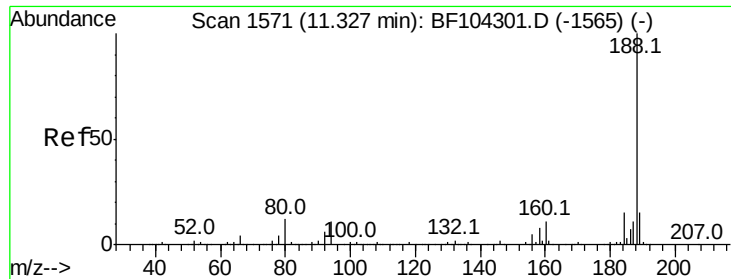
Tot Ion:163	Resp: 76745
Ion Ratio	Lower Upper
163 100	
194 3.9	2.7 4.1
164 10.1	8.2 12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Tgt Ion	165	Resp:	19585
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

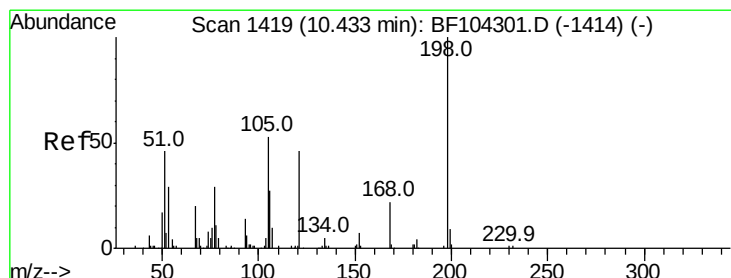
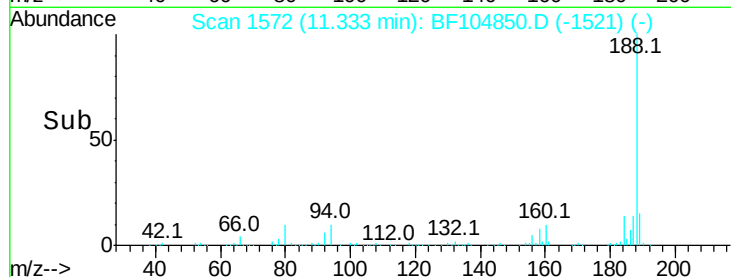
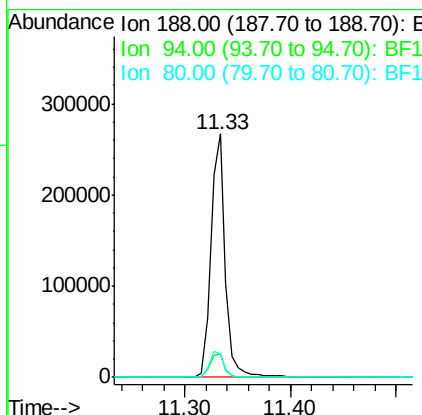
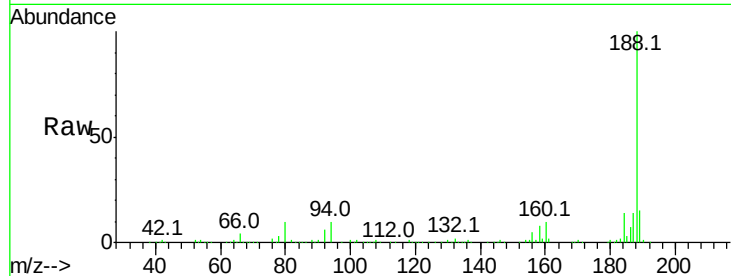




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

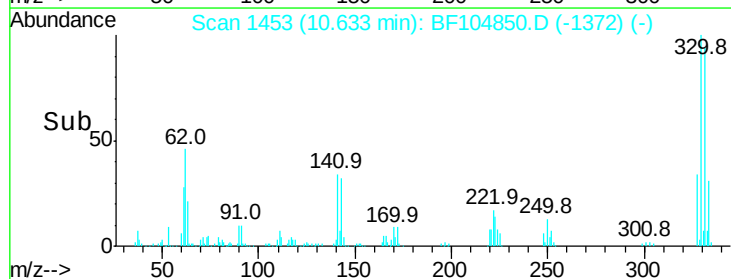
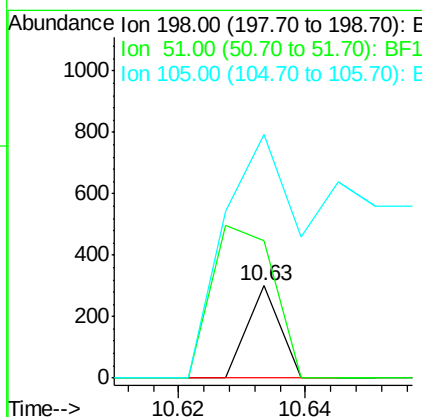
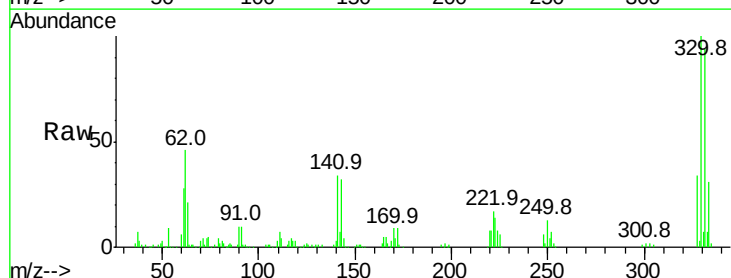
Instrument :
 BNA_F
 ClientSampleId :

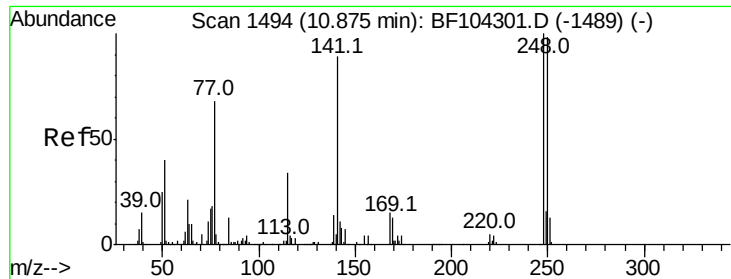
Tot Ion:188 Resp: 253910
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.420 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Tgt Ion:198 Resp: 106
 Ion Ratio Lower Upper
 198 100
 51 148.7 37.7 77.7#
 105 264.3 36.3 76.3#

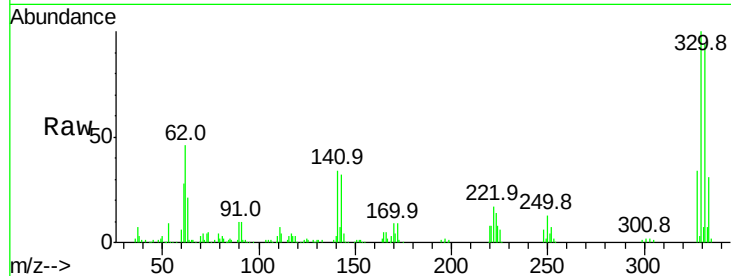




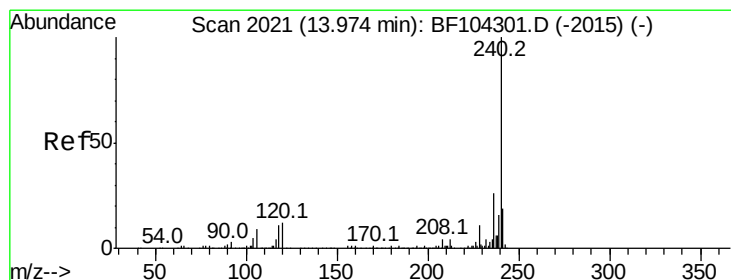
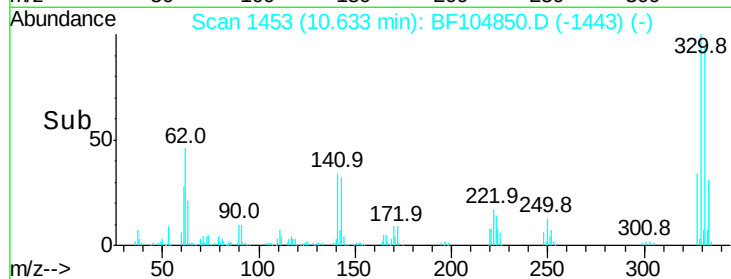
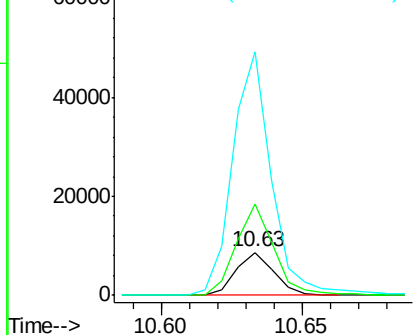
#66
 4-Bromophenyl-phenylether
 Concen: 3.017 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8147
 Ion Ratio Lower Upper
 248 100
 250 213.4 76.9 115.3#
 141 567.3 74.4 111.6#

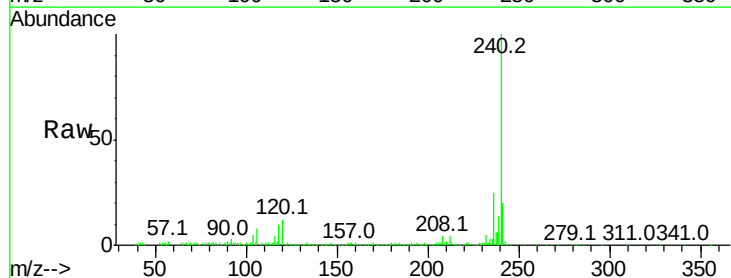


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

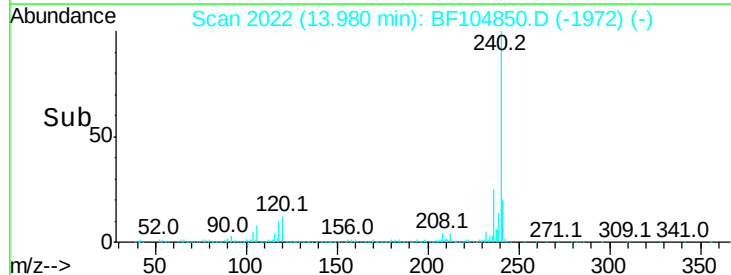
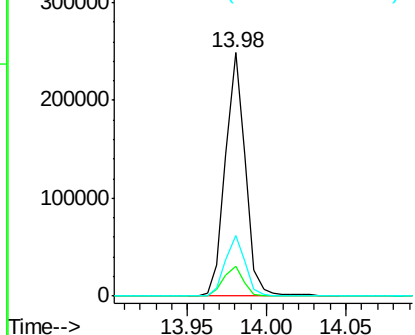


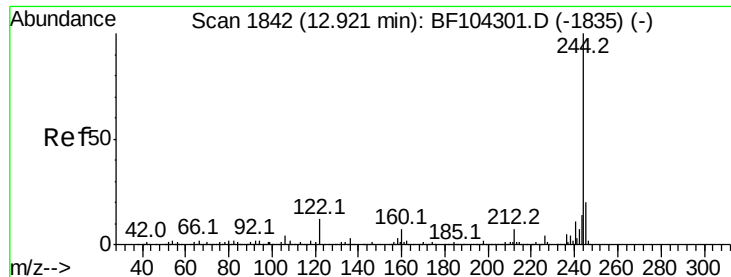
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Tgt Ion:240 Resp: 217217
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 24.8 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

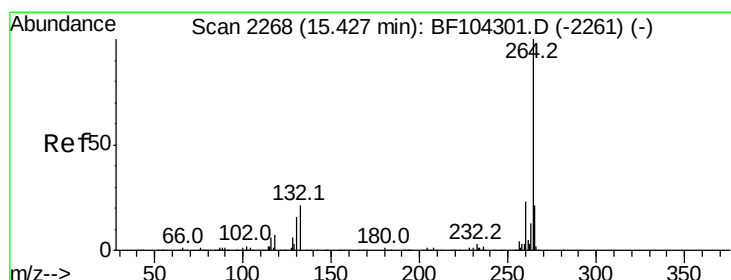
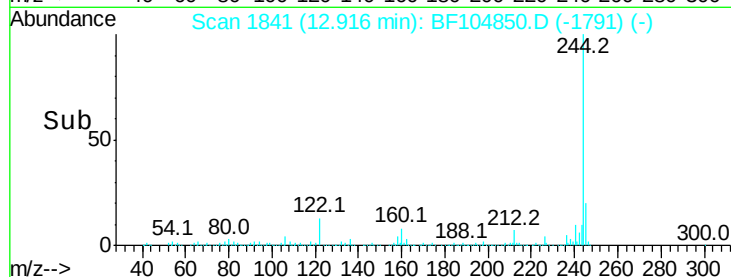
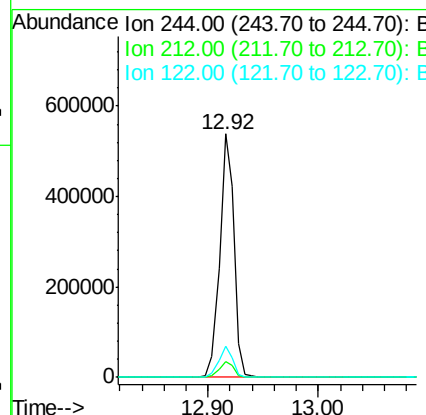
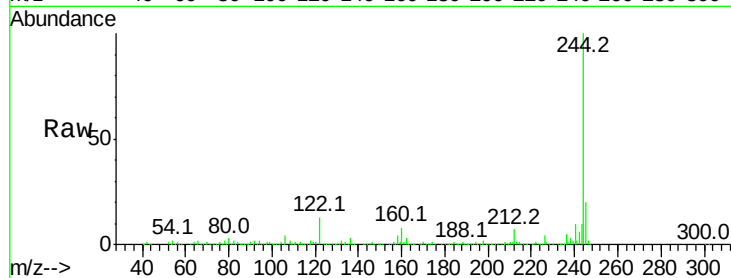




#78
 Terphenyl-d14
 Concen: 49.831 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 474782
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104850.D
 Acq: 26 Apr 2018 21:07

Tgt Ion:264 Resp: 159547
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.7 17.5 26.3

