

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102152.D
 Acq On : 17 Jan 2018 16:18
 Operator : SJ/JU
 Sample : J1021-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

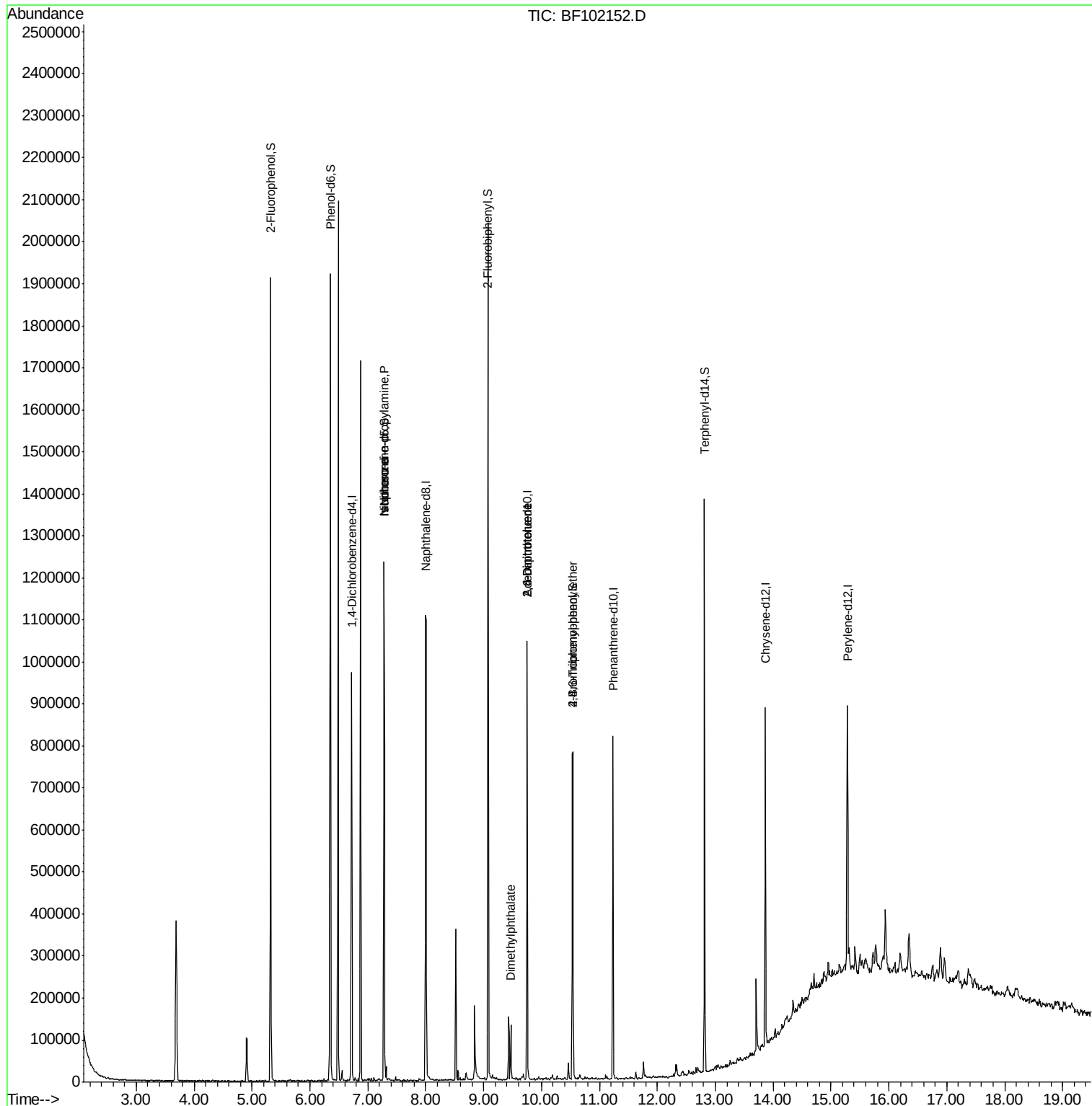
Quant Time: Jan 18 01:05:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

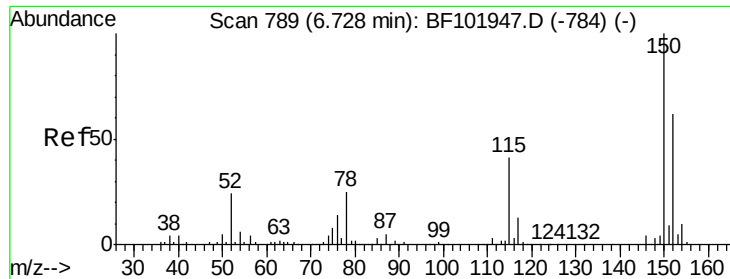
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141999	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	508356	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	185421	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	262910	20.00	ng	0.00
75) Chrysene-d12	13.86	240	266030	20.00	ng	-0.01
86) Perylene-d12	15.29	264	281306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	506251	50.34	ng	0.00
7) Phenol-d6	6.35	99	561836	46.83	ng	0.00
23) Nitrobenzene-d5	7.28	82	351122	40.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	89006	55.00	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	578300	48.72	ng	-0.01
78) Terphenyl-d14	12.82	244	405576	31.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	46917	5.967	ng	# 80
25) Isophorone	7.28	82	347261	20.316	ng	# 64
49) Dimethylphthalate	9.47	163	51300	3.449	ng	97
50) 2,6-Dinitrotoluene	9.75	165	23479	7.902	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	23479	6.305	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	5838	2.103	ng	# 1

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

```
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Data File : BF102152.D  
Acq On    : 17 Jan 2018  16:18  
Operator  : SJ/JU  
Sample    : J1021-01 2X  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Quant Time: Jan 18 01:05:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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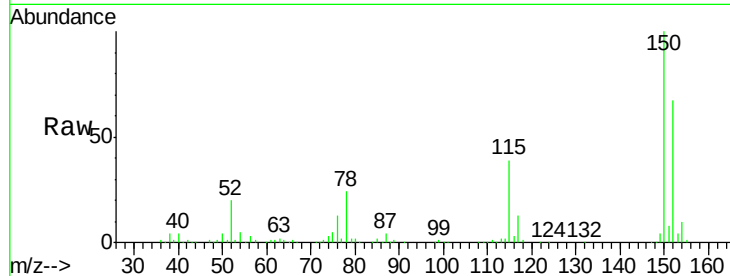


#1

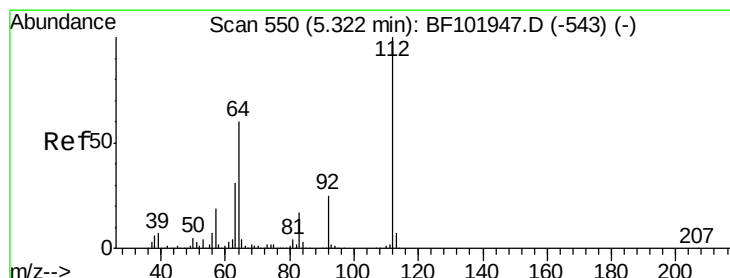
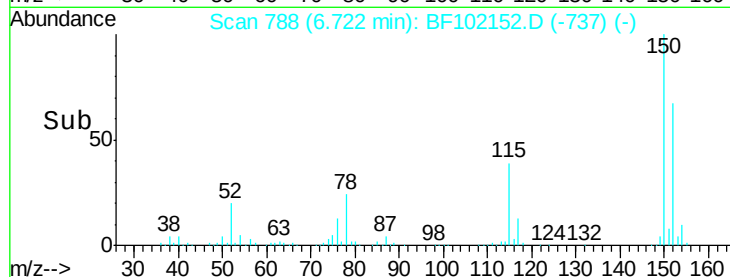
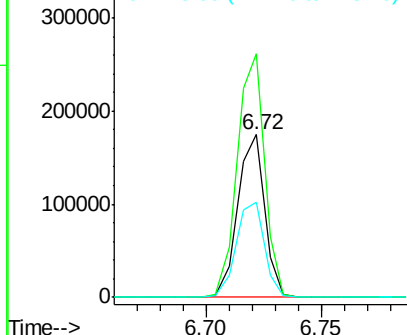
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141999
Ion Ratio Lower Upper
152 100
150 149.7 124.6 186.8
115 58.1 50.1 75.1



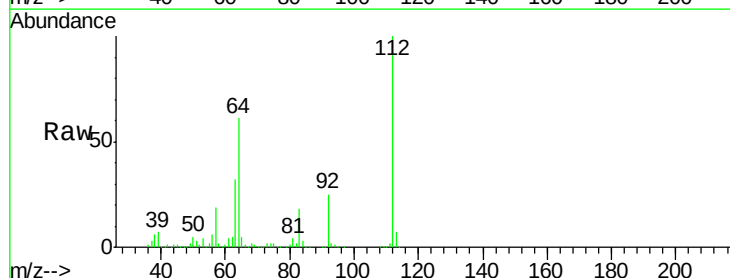
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



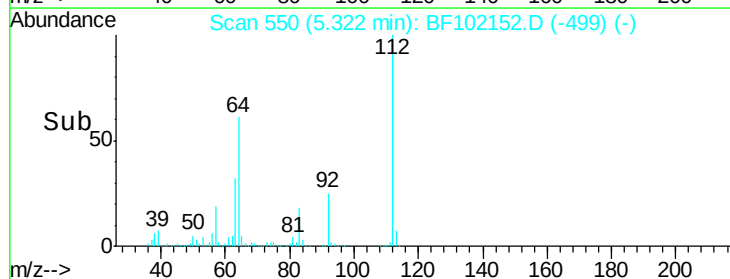
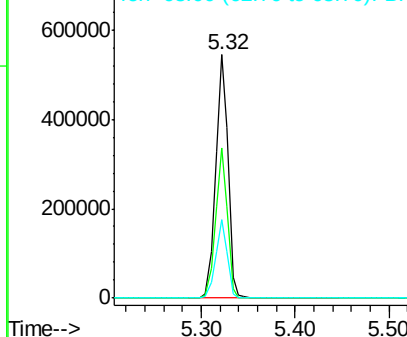
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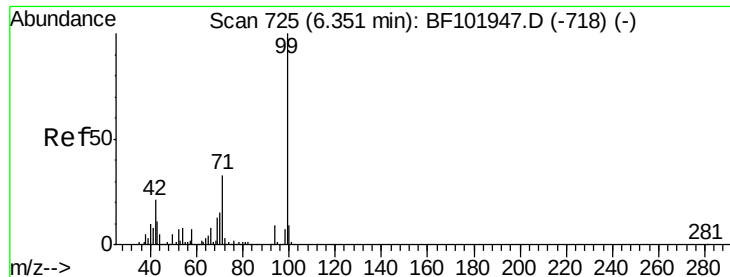
2-Fluorophenol
Concen: 50.343 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion:112 Resp: 506251
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.0 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: 46.828 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

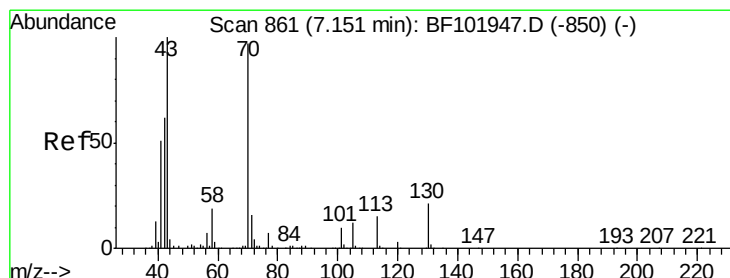
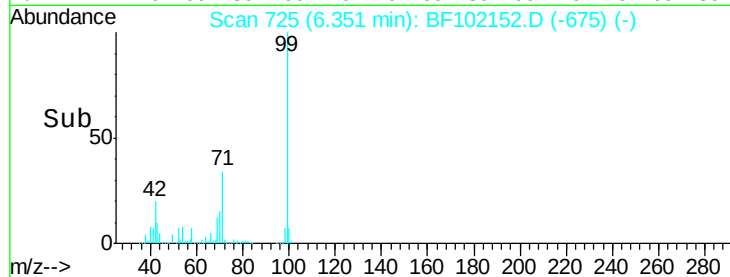
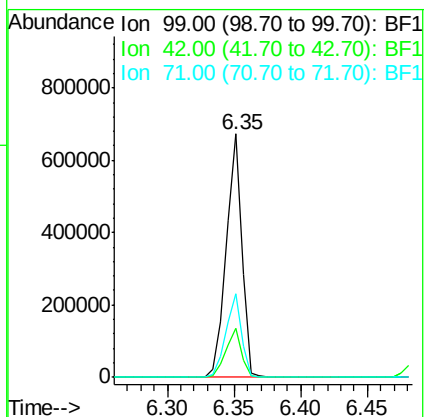
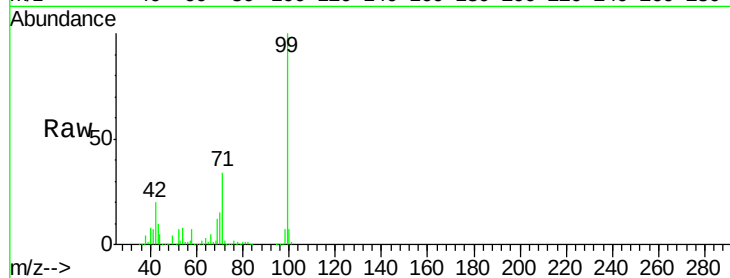
Tot Ion: 99 Resp: 561836

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.967 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Tgt Ion: 70 Resp: 46917

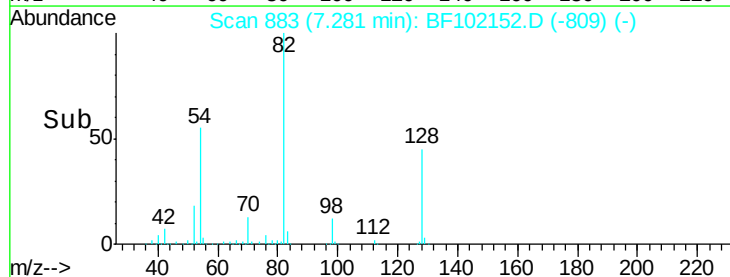
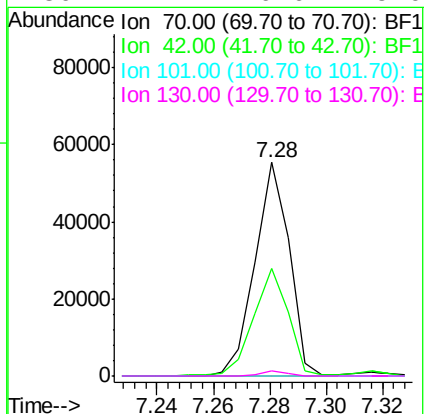
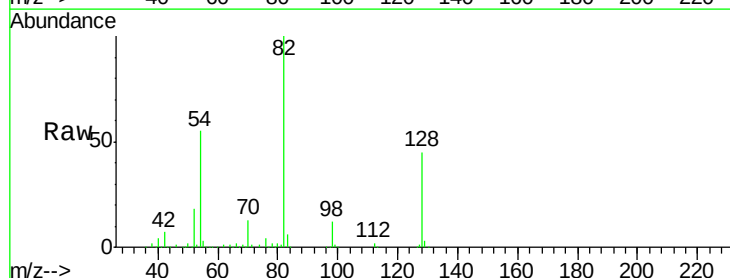
Ion Ratio Lower Upper

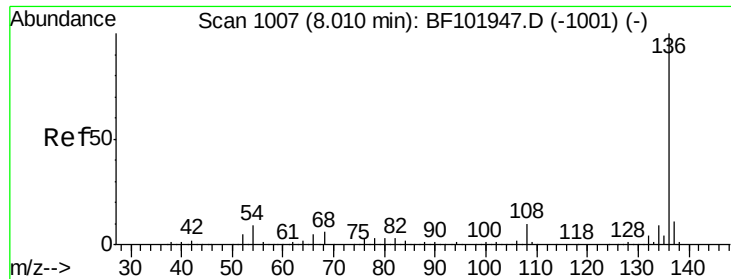
70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

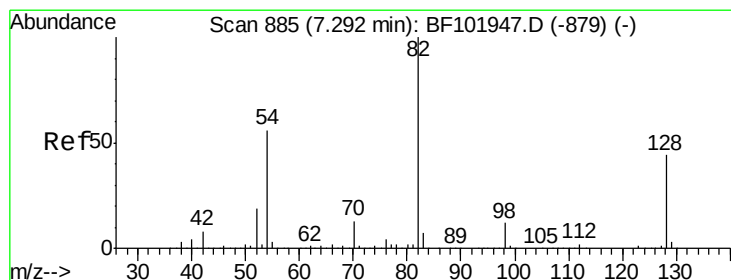
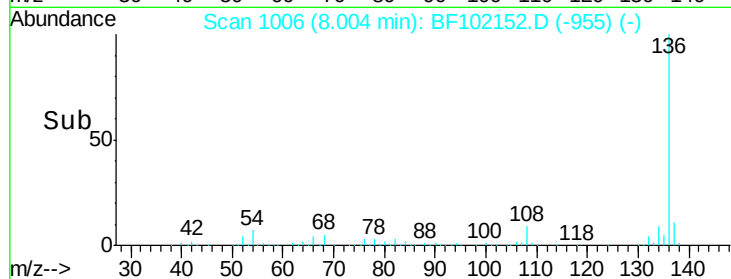
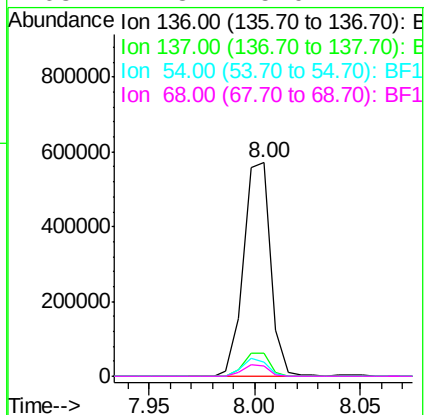
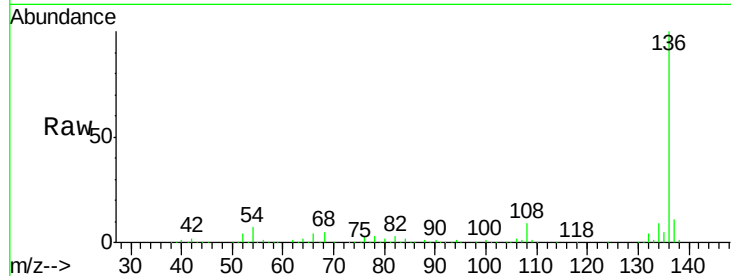




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

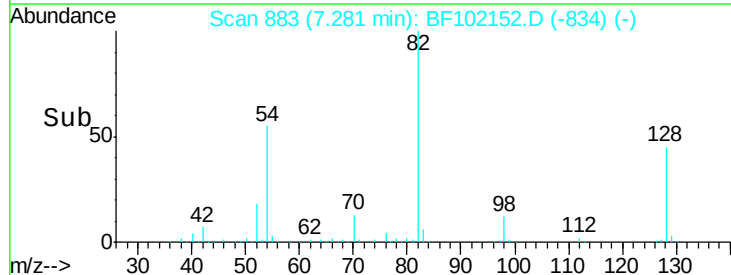
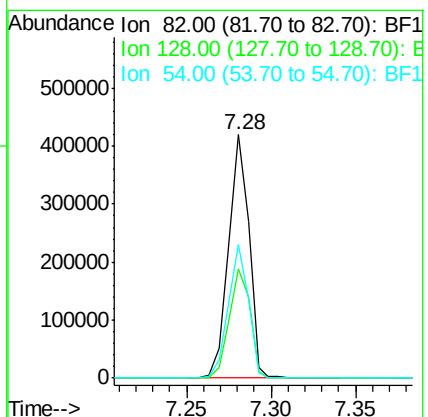
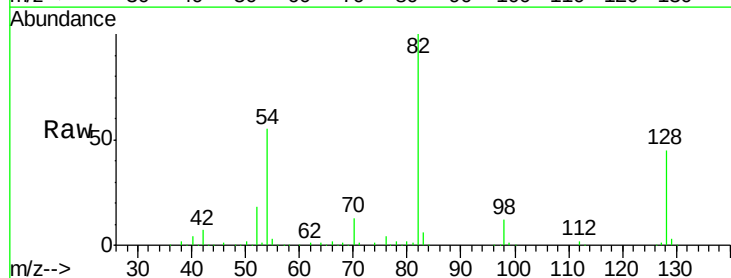
Instrument :
BNA_F
ClientSampleId :

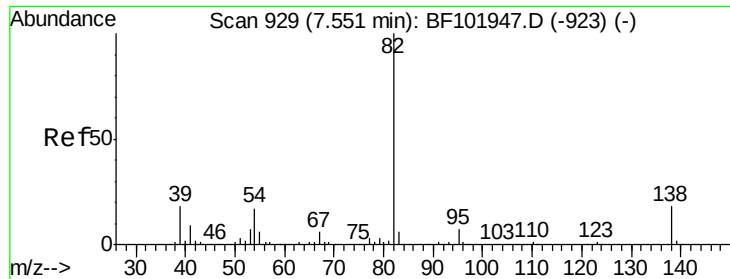
Tot Ion:136	Resp:	508356
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.8	6.6 9.8
68	4.8	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 40.588 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion: 82	Resp:	351122
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	54.6	41.4 62.2





#25

Isophorone

Concen: 20.316 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

Instrument :

BNA_F

ClientSampleId :

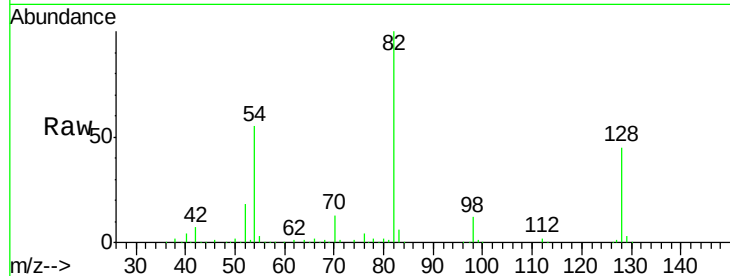
Tot Ion: 82 Resp: 347261

Ion Ratio Lower Upper

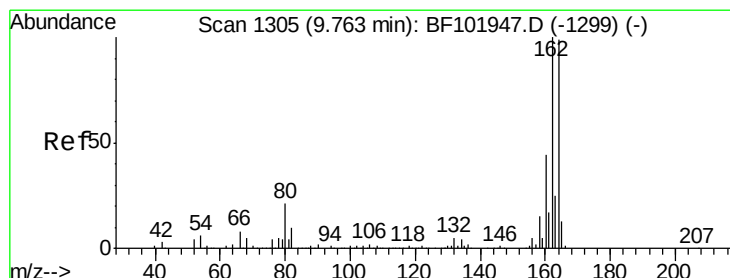
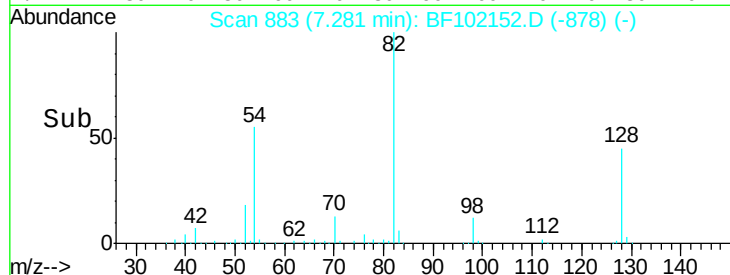
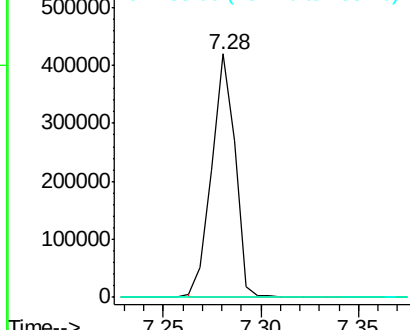
82 100

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102152.D

Acq: 17 Jan 2018 16:18

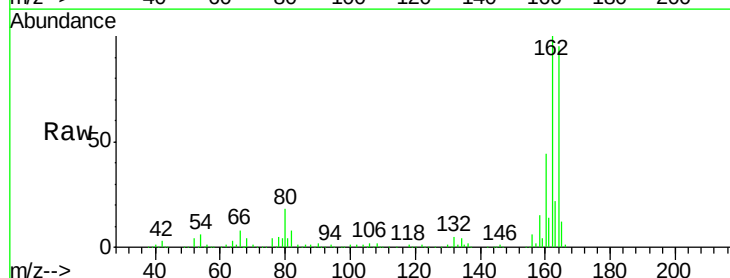
Tgt Ion:164 Resp: 185421

Ion Ratio Lower Upper

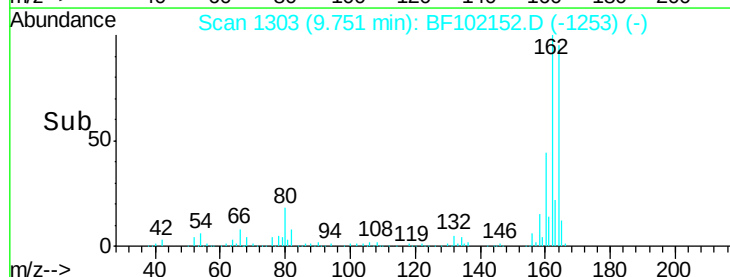
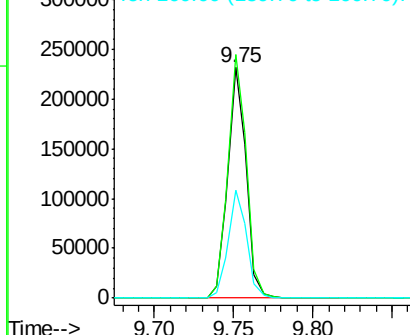
164 100

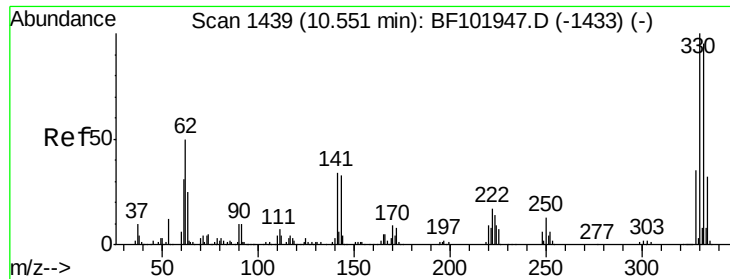
162 105.8 86.1 129.1

160 47.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

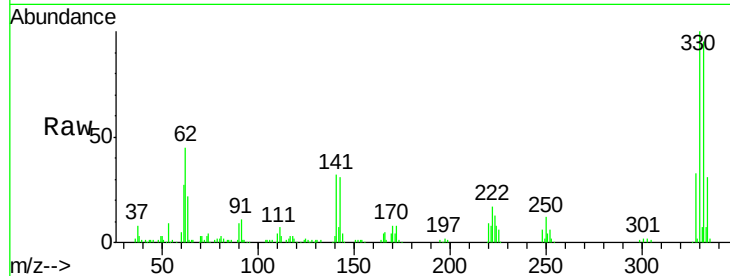




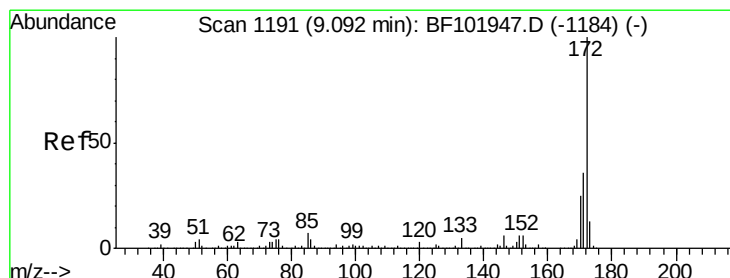
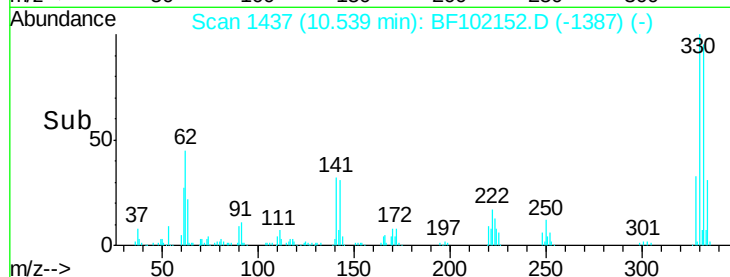
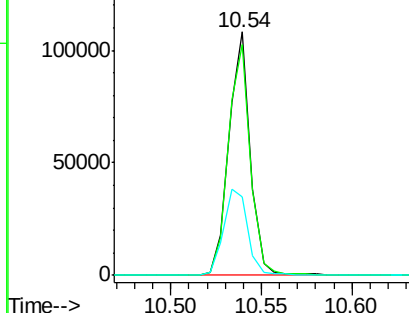
#41
 2,4,6-Tribromophenol
 Concen: 55.005 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.2	29.9	44.9

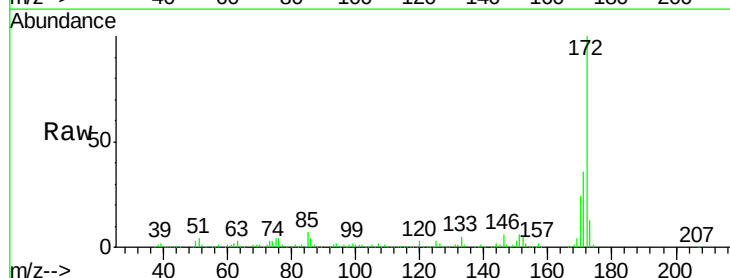


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

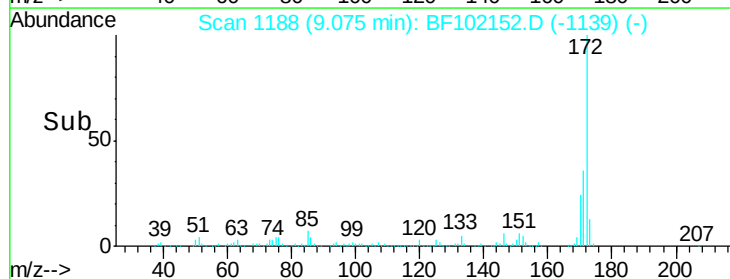
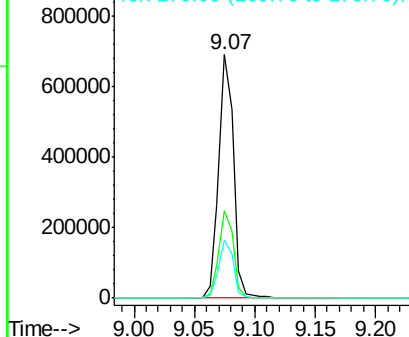


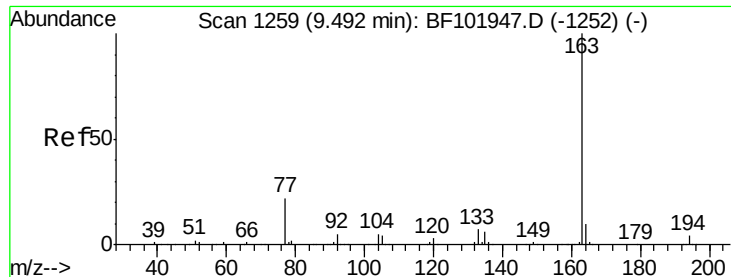
#44
 2-Fluorobiphenyl
 Concen: 48.725 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

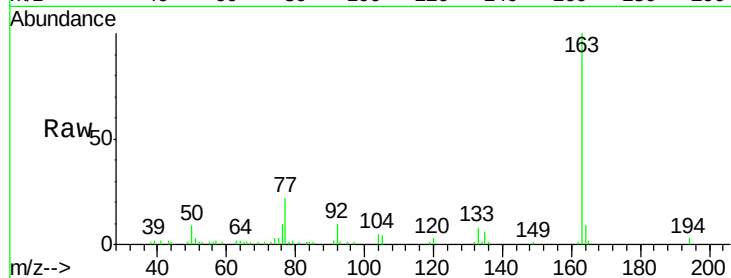




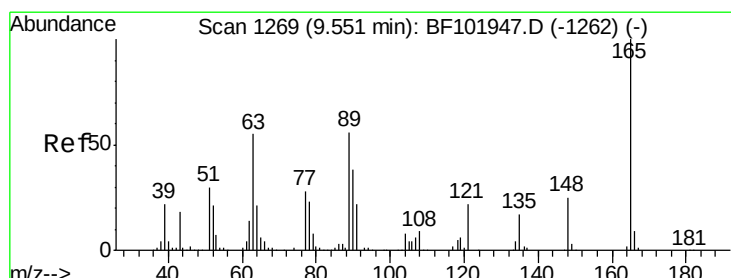
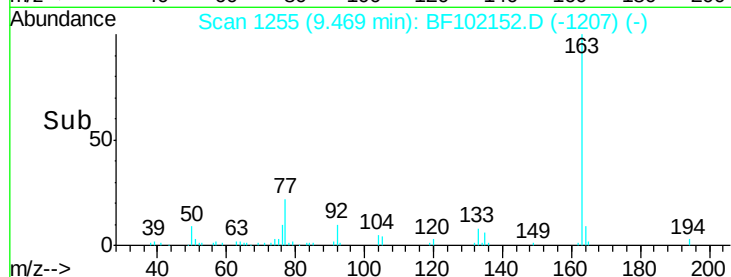
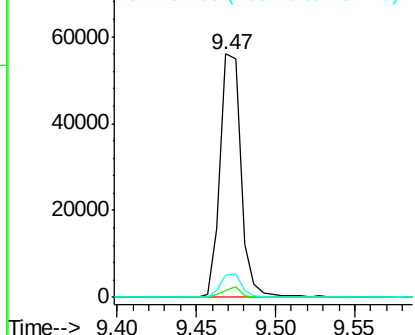
#49
Dimethylphthalate
Concen: 3.449 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 51300
Ion Ratio Lower Upper
163 100
194 2.7 2.7 4.1
164 9.2 8.2 12.2

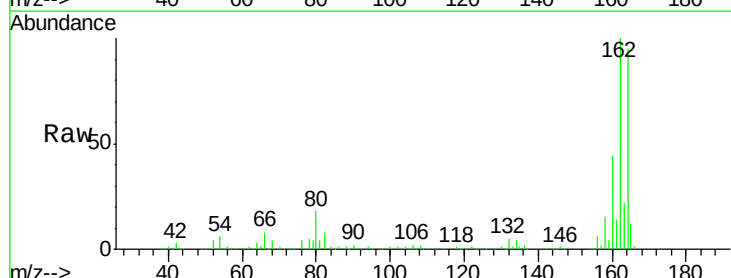


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

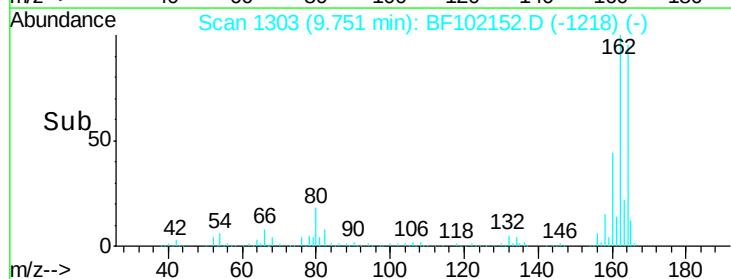
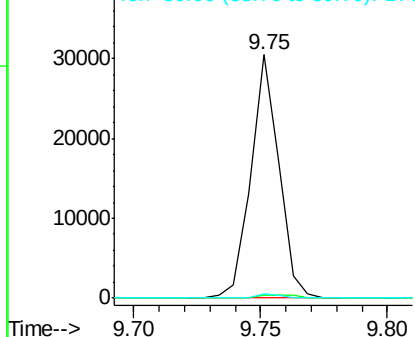


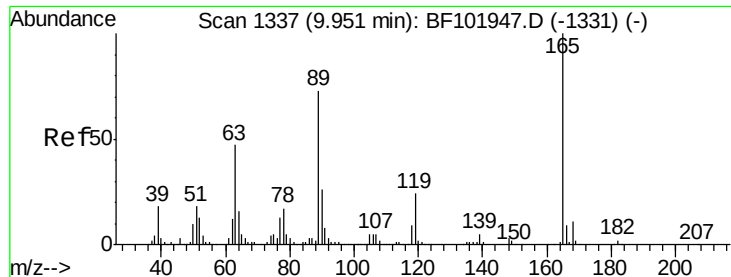
#50
2,6-Dinitrotoluene
Concen: 7.902 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion:165 Resp: 23479
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.7 44.0 66.0#



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

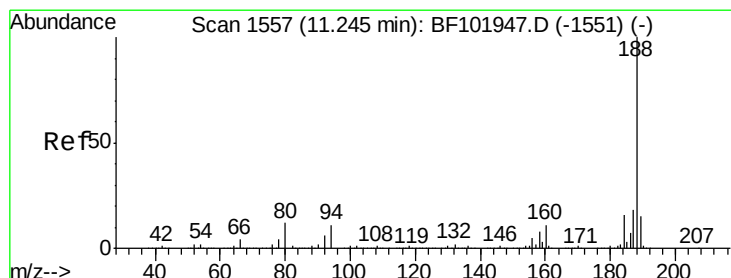
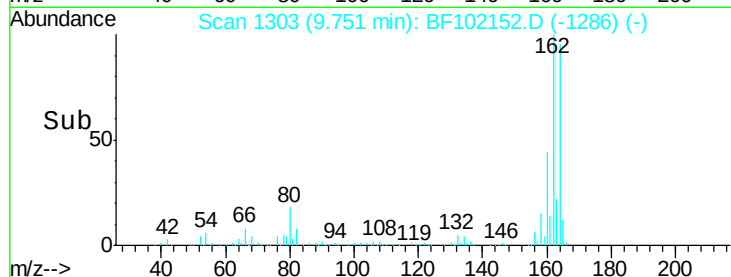
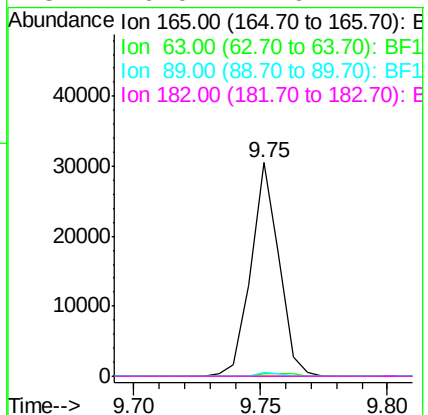
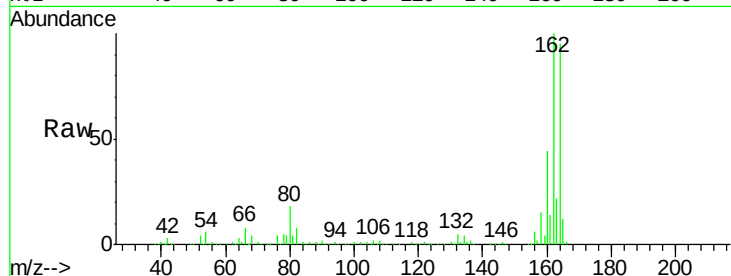




#56
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

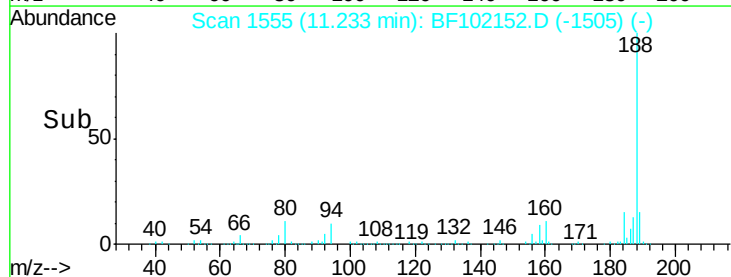
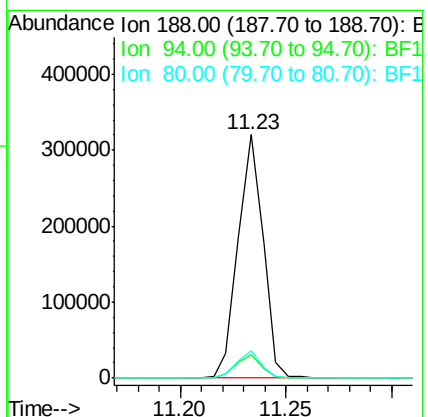
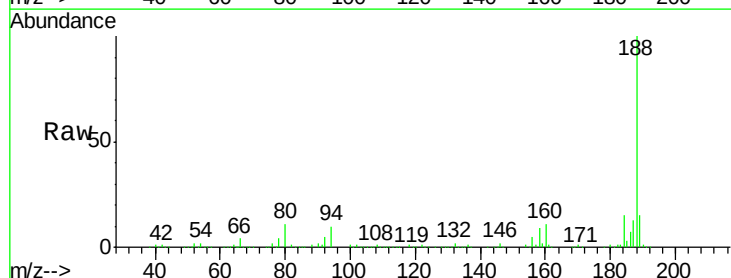
Instrument :
BNA_F
ClientSampleId :

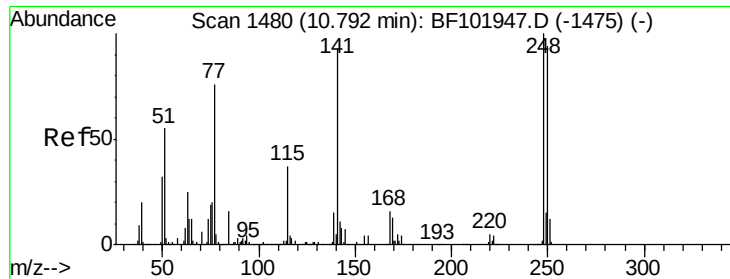
Tot Ion:165	Resp:	23479
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion:188	Resp:	262910
Ion Ratio	Lower	Upper
188	100	
94	9.6	8.5 12.7
80	11.3	9.2 13.8

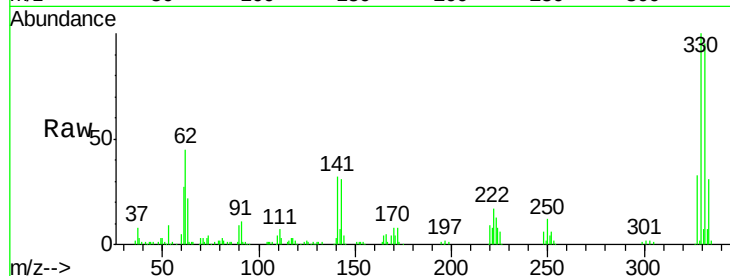




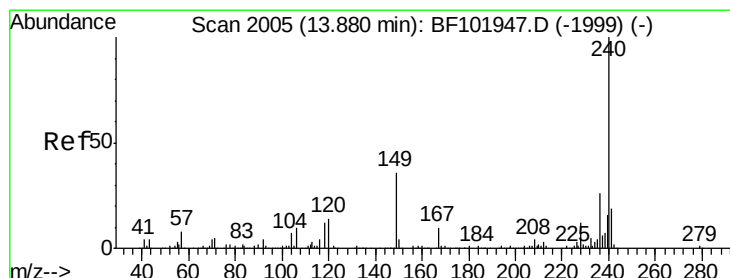
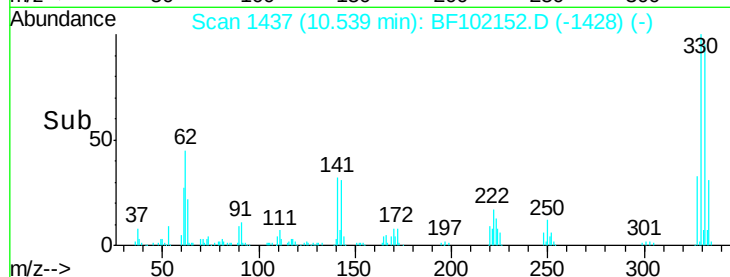
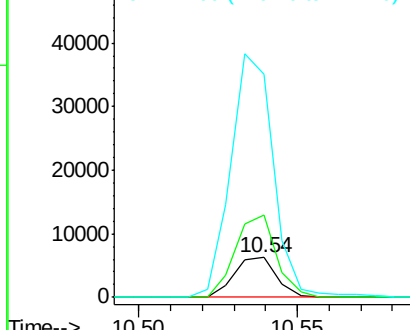
#66
4-Bromophenyl-phenylether
Concen: 2.103 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5838
Ion Ratio Lower Upper
248 100
250 207.6 76.9 115.3#
141 559.6 74.4 111.6#

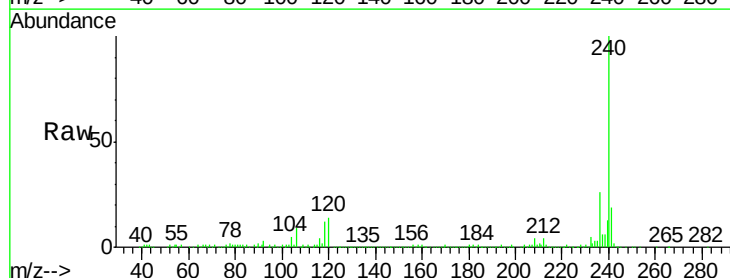


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

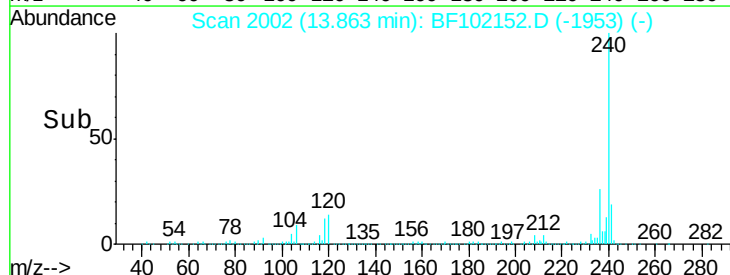
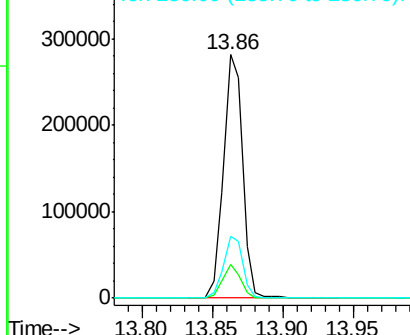


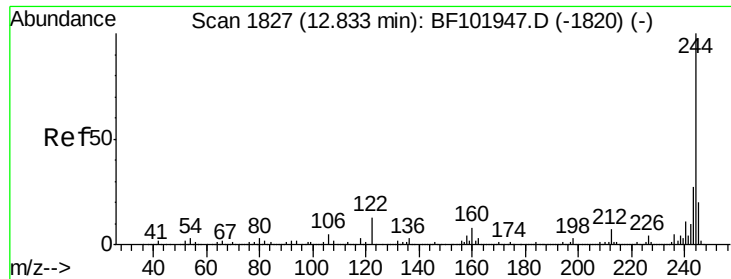
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102152.D
Acq: 17 Jan 2018 16:18

Tgt Ion:240 Resp: 266030
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.7 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

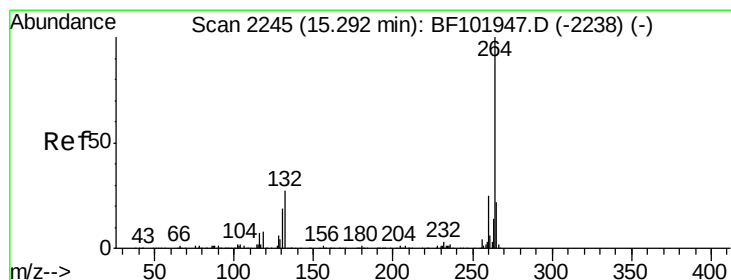
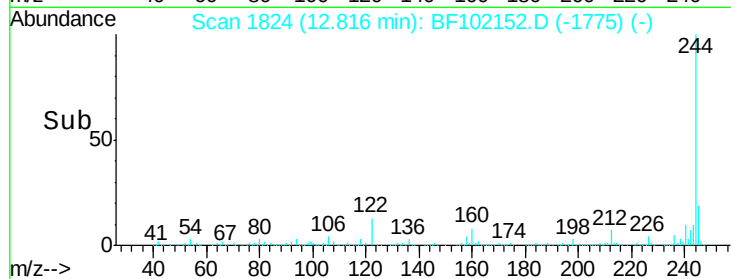
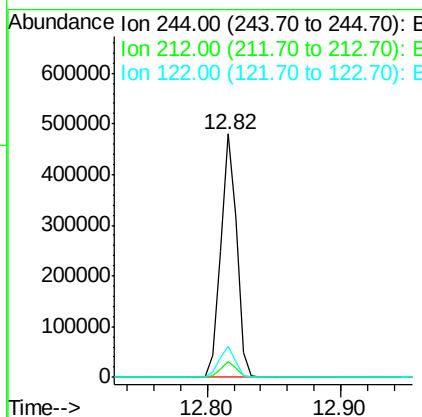
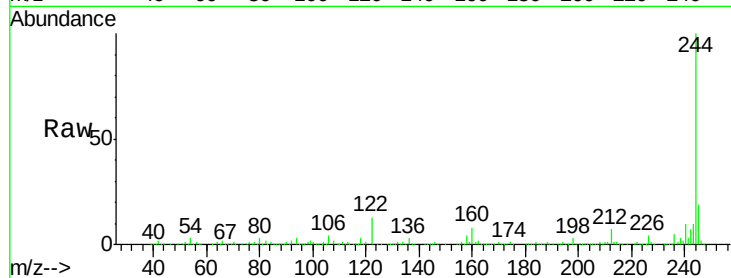




#78
 Terphenyl-d14
 Concen: 31.654 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 405576
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102152.D
 Acq: 17 Jan 2018 16:18

Tgt Ion:264 Resp: 281306
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.1 17.5 26.3

