

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103281.D
 Acq On : 27 Feb 2018 23:20
 Operator : SJ/JU
 Sample : J1705-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 03:23:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

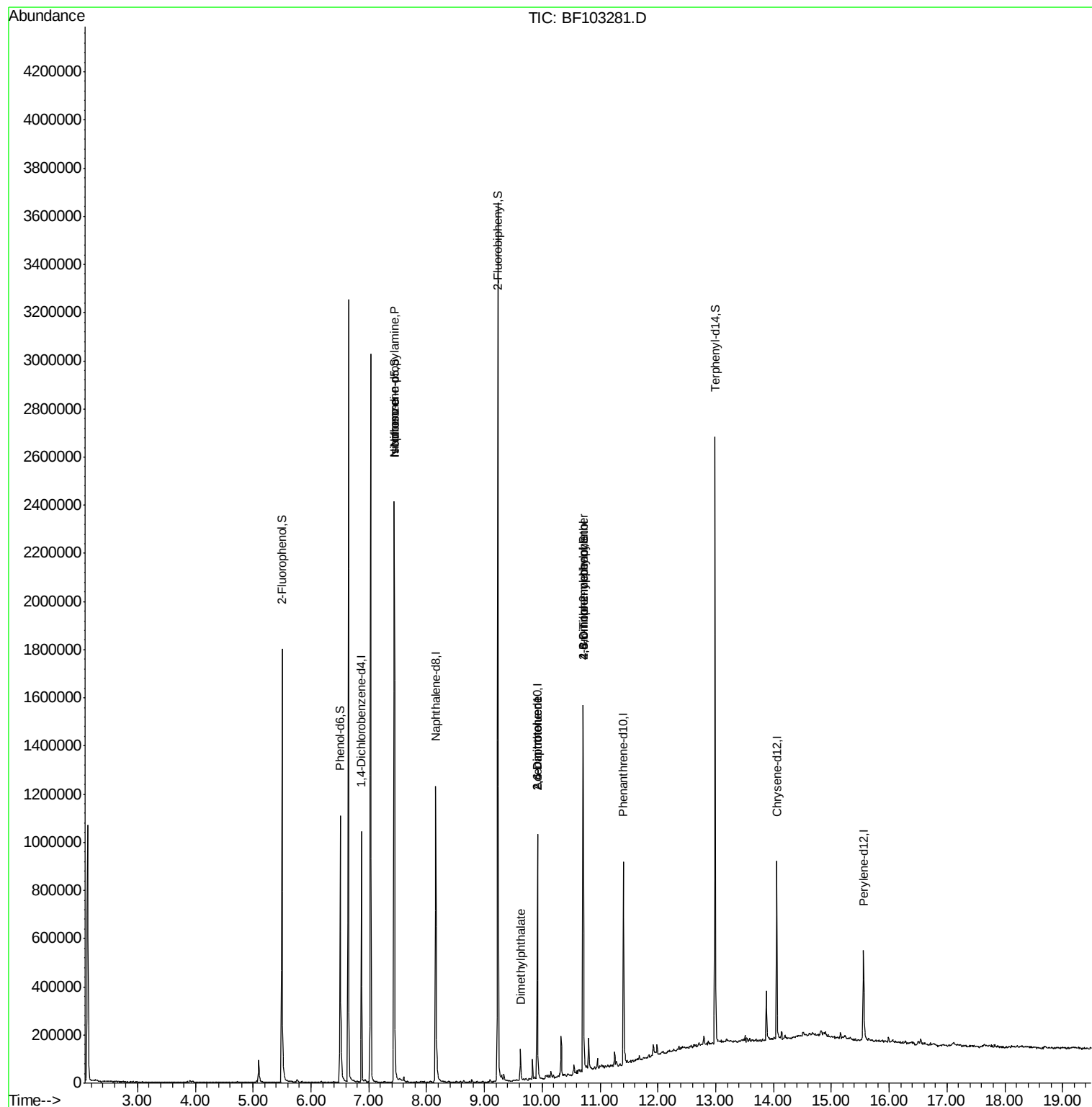
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139612	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	552615	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	206795	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	301312	20.00	ng	0.00
75) Chrysene-d12	14.06	240	247446	20.00	ng	0.00
86) Perylene-d12	15.56	264	172274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	527963	57.19	ng	0.00
7) Phenol-d6	6.50	99	384734	34.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	836465	86.44	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	187039	106.85	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1213360	107.62	ng	0.00
78) Terphenyl-d14	12.99	244	899641	87.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	823	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	112126	15.95	ng	80
25) Isophorone	7.44	82	836460	43.89	ng	64
49) Dimethylphthalate	9.62	163	50341	3.03	ng	99
50) 2,6-Dinitrotoluene	9.92	165	26443	7.60	ng	26
56) 2,4-Dinitrotoluene	9.92	165	26443	6.01	ng	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	358	5.12	ng	1
66) 4-Bromophenyl-phenylether	10.71	248	12718	4.05	ng	1

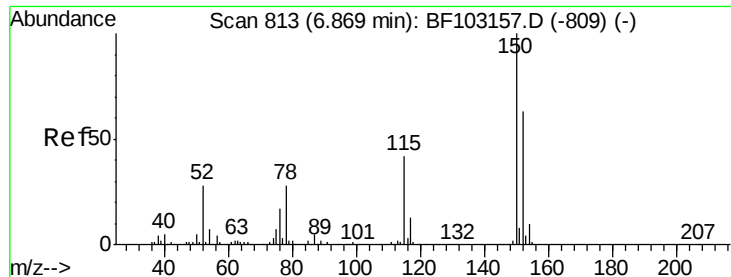
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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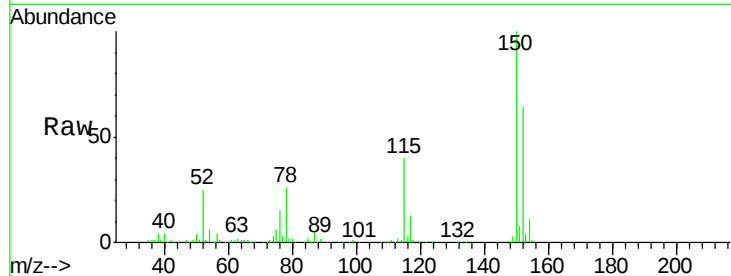


#1

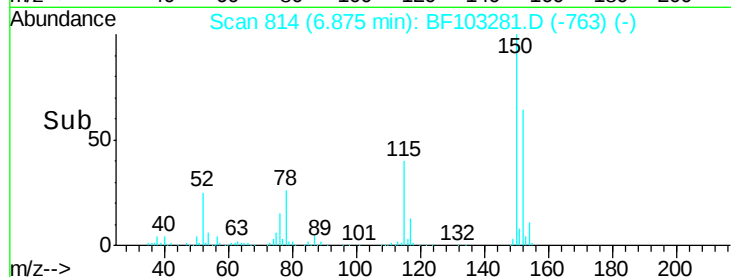
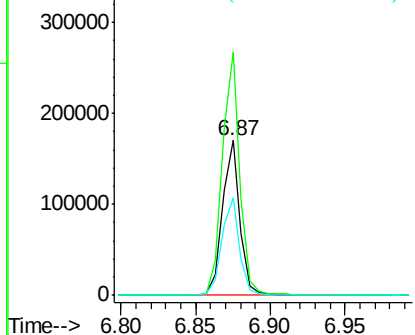
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139612
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 63.3 50.1 75.1



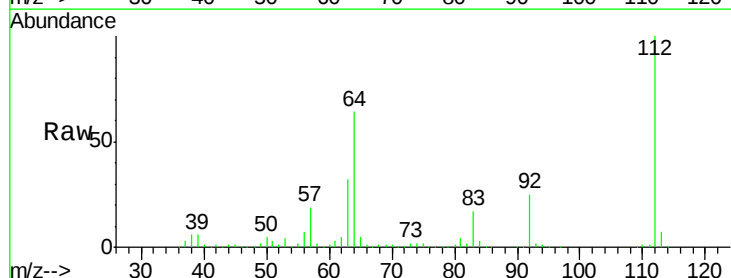
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



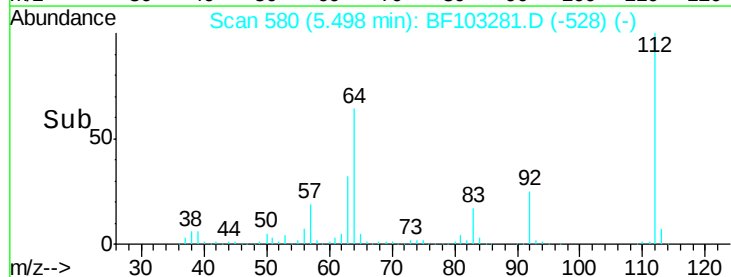
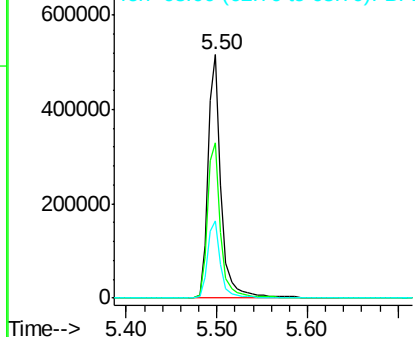
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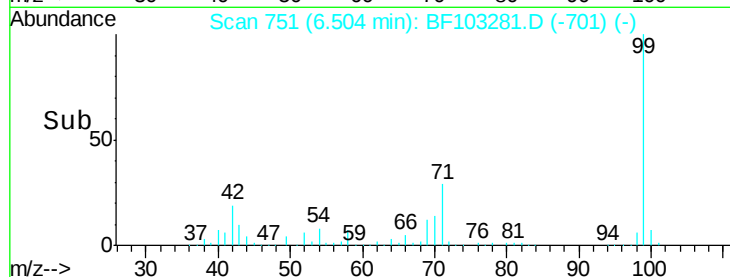
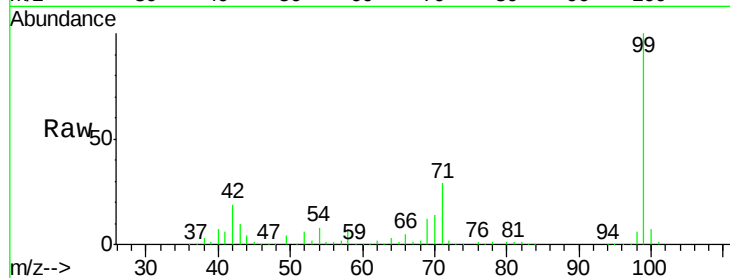
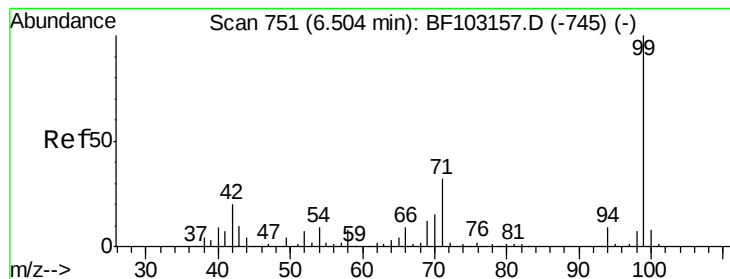
2-Fluorophenol
Concen: 57.19 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Tgt Ion:112 Resp: 527963
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 31.7 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: 34.06 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampled :

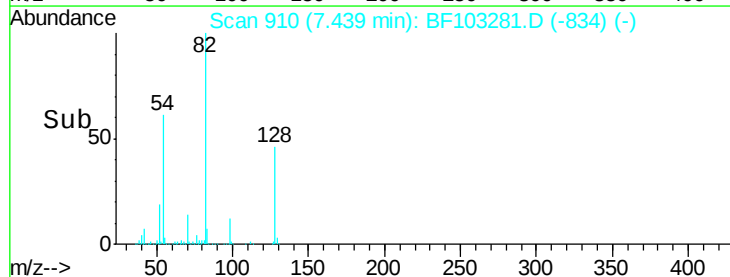
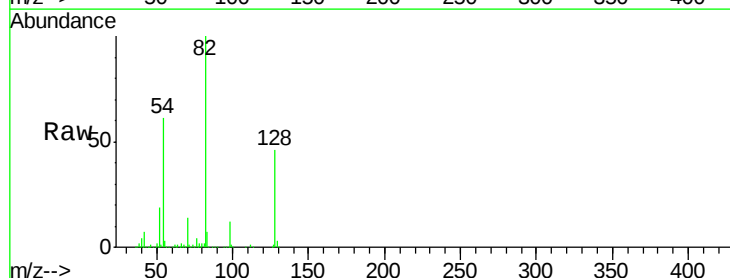
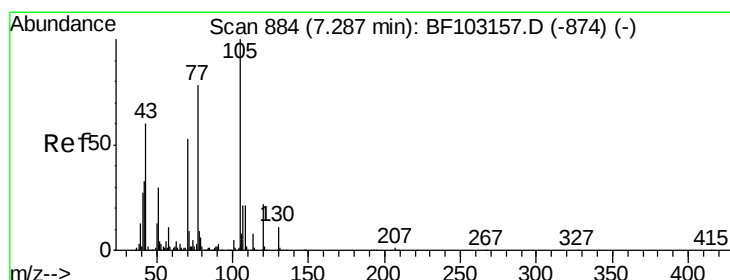
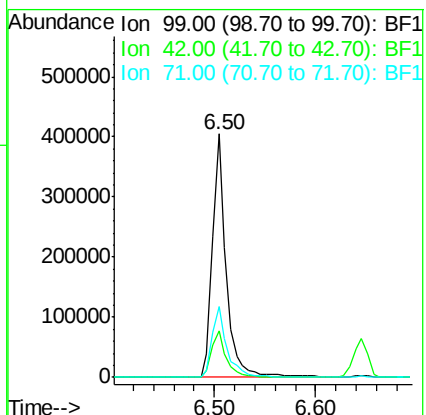
Tot Ion: 99 Resp: 384734

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 29.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.95 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Tgt Ion: 70 Resp: 112126

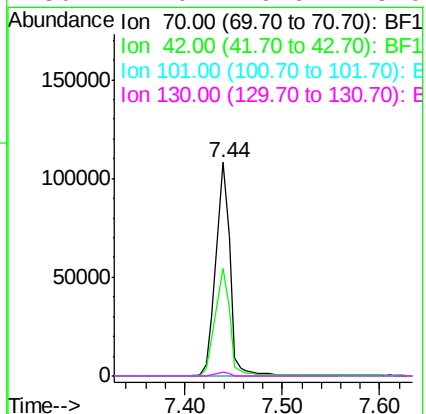
Ion Ratio Lower Upper

70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

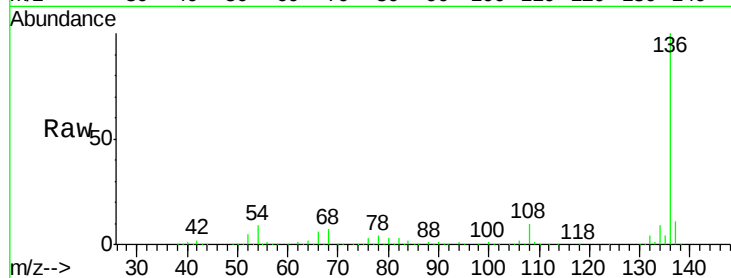




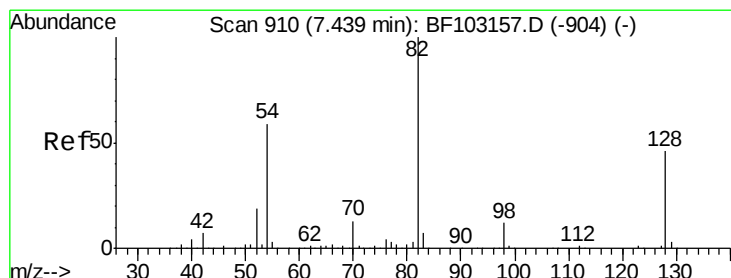
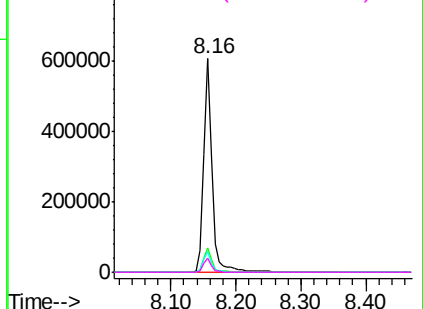
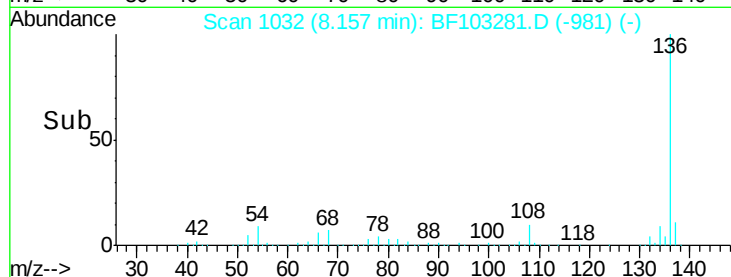
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	552615
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.4	6.6 9.8
68	6.6	5.0 7.4

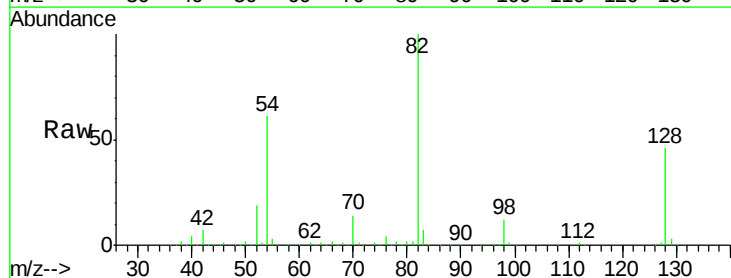


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

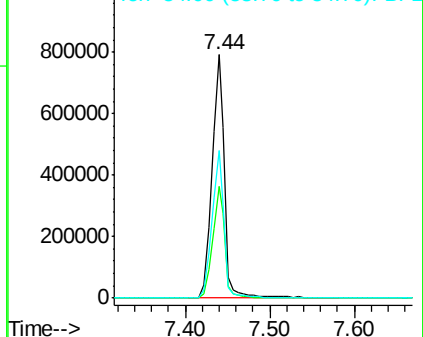
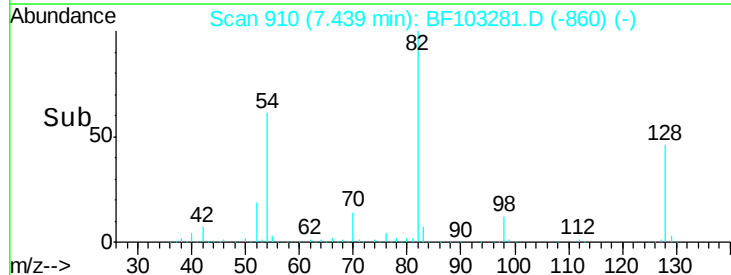


#23
Nitrobenzene-d5
Concen: 86.44 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Tgt Ion: 82	Resp:	836465
Ion Ratio	Lower	Upper
82	100	
128	45.8	36.1 54.1
54	60.5	41.4 62.2



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





#25

Isophorone

Concen: 43.89 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampleId :

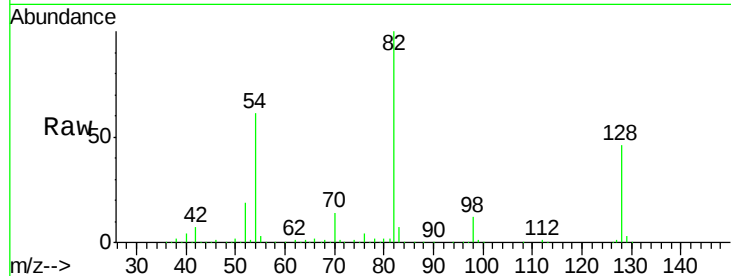
Tot Ion: 82 Resp: 836460

Ion Ratio Lower Upper

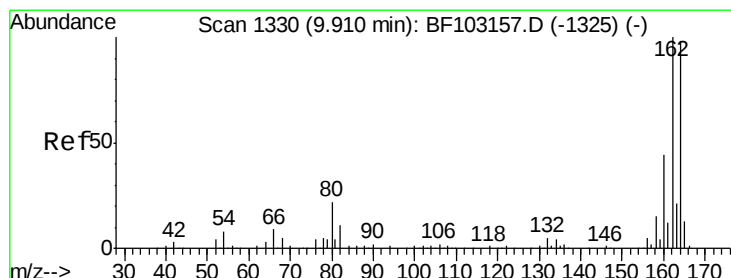
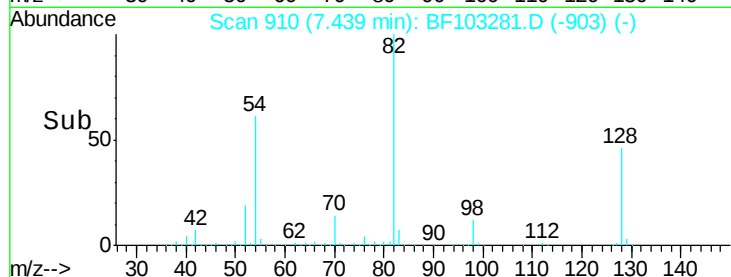
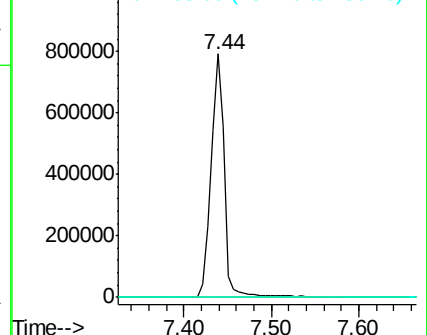
82 100

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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

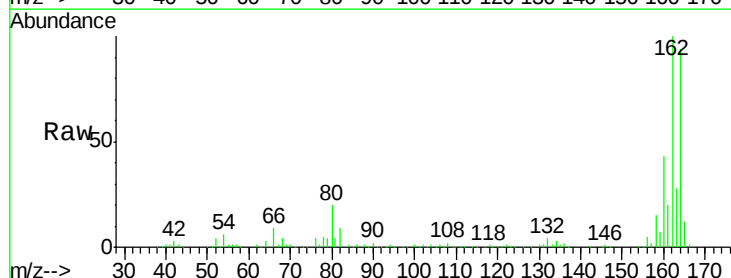
Tgt Ion: 164 Resp: 206795

Ion Ratio Lower Upper

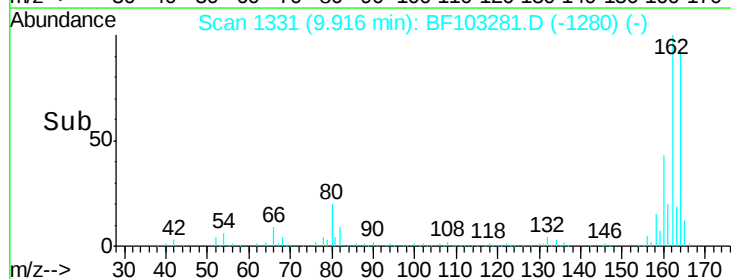
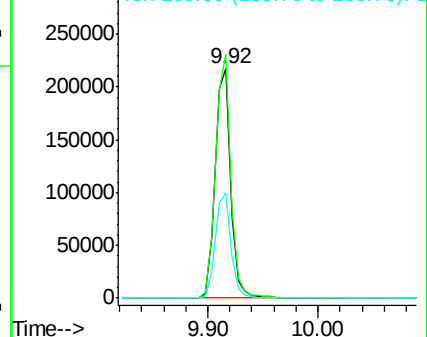
164 100

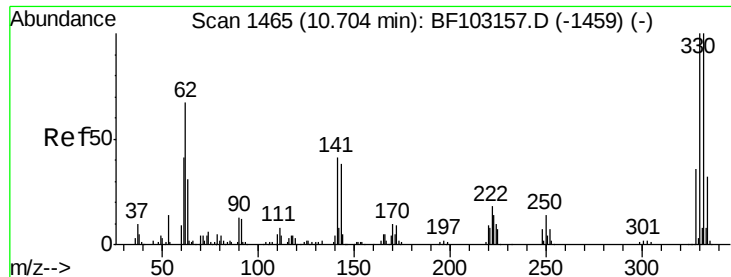
162 106.3 86.1 129.1

160 46.2 38.3 57.5



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

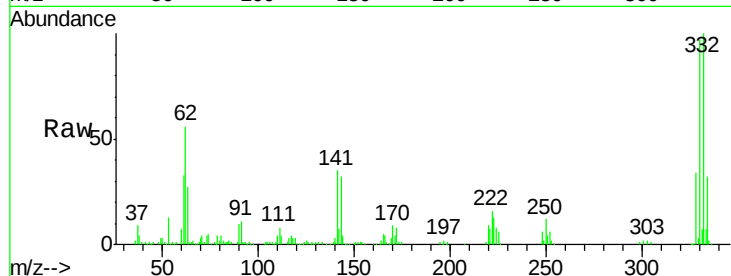




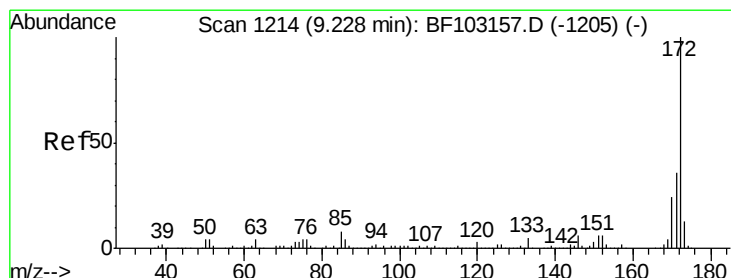
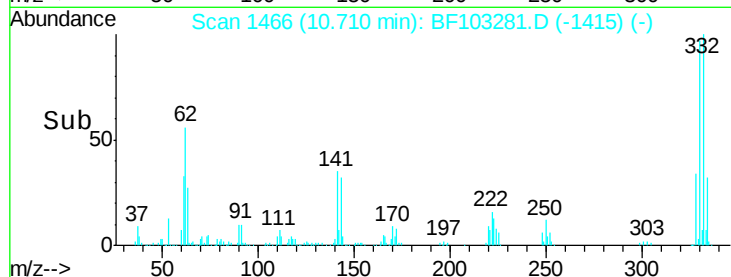
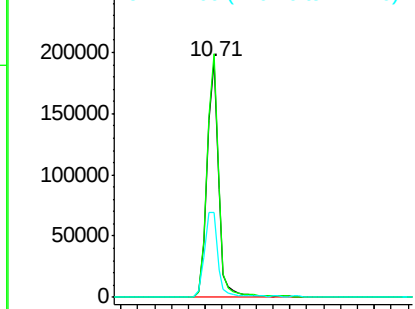
#41
 2,4,6-Tribromophenol
 Concen: 106.85 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 187039
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 41.9 29.9 44.9

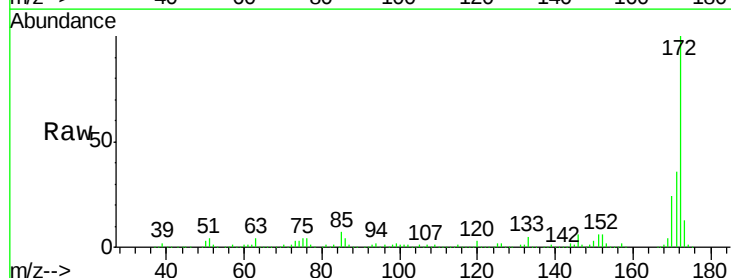


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

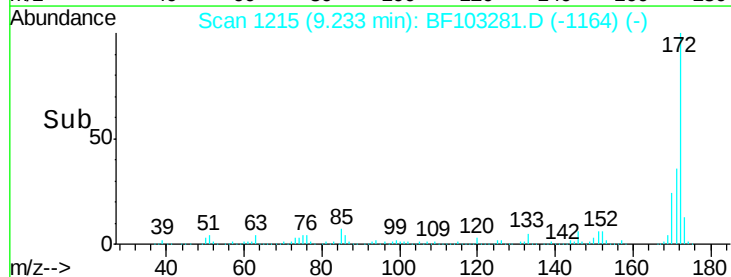
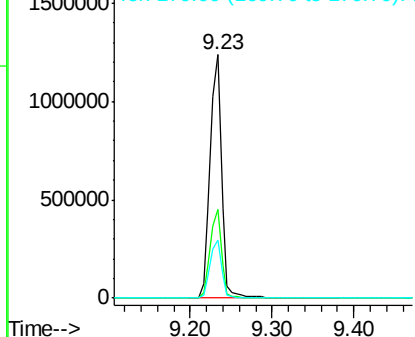


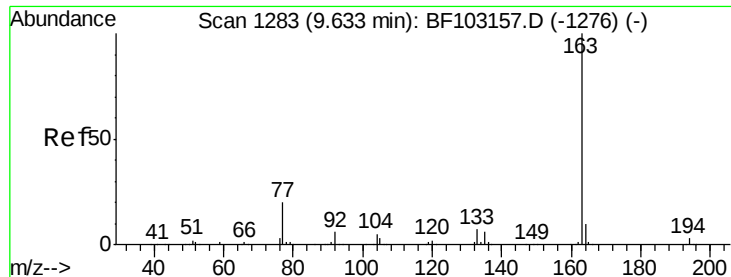
#44
 2-Fluorobiphenyl
 Concen: 107.62 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Tgt Ion:172 Resp: 1213360
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 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

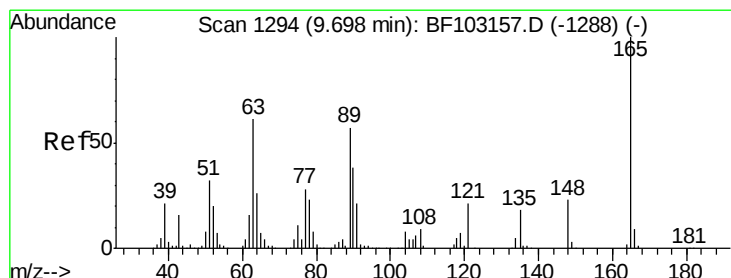
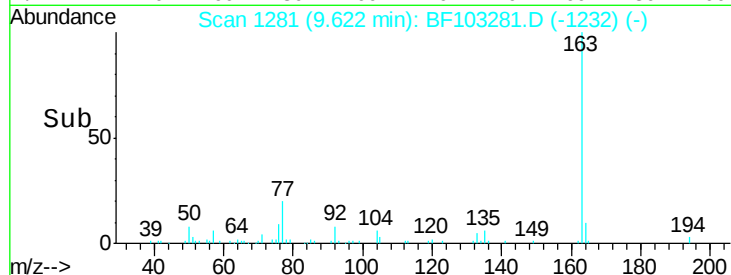
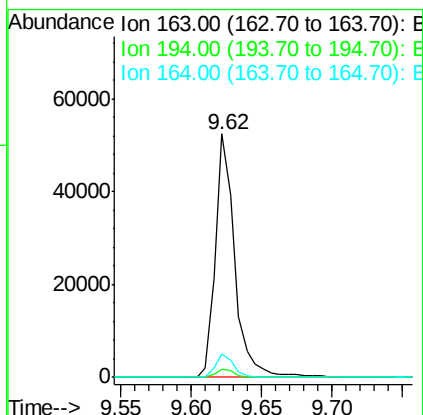
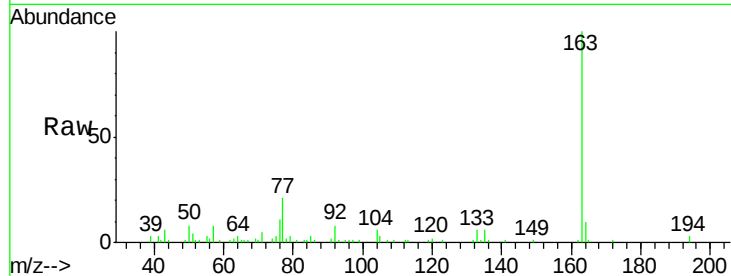




#49
Dimethylphthalate
Concen: 3.03 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

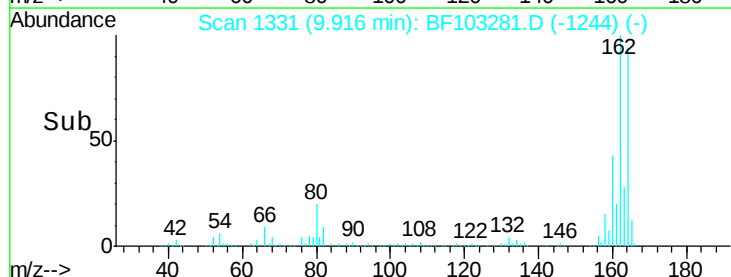
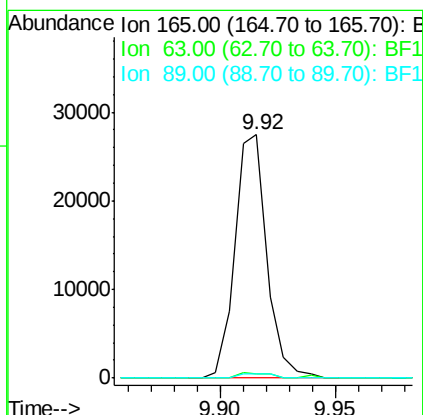
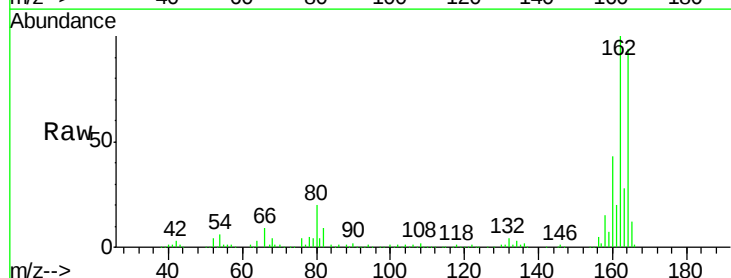
Instrument :
BNA_F
ClientSampleId :

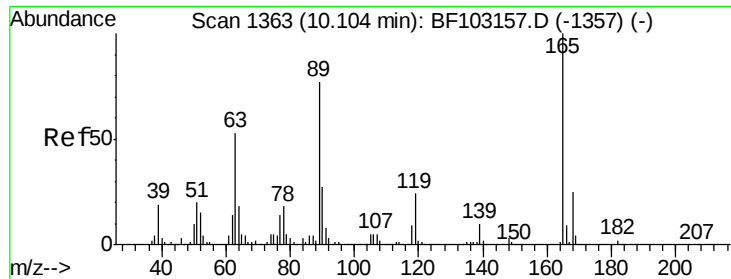
Tot Ion:163 Resp: 50341
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Tgt Ion:165 Resp: 26443
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.8 44.0 66.0#

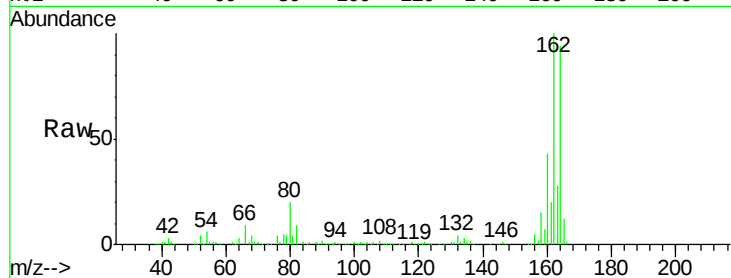




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

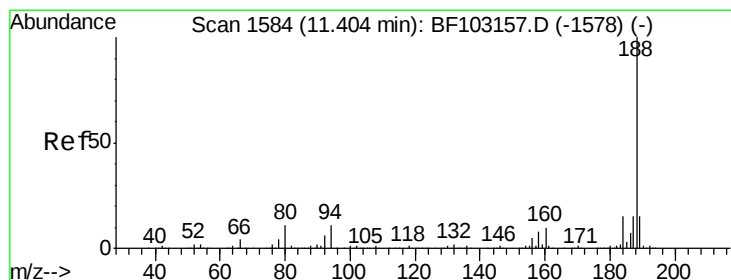
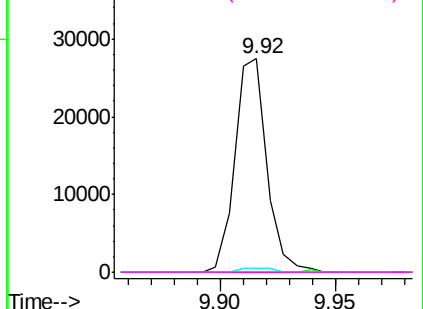
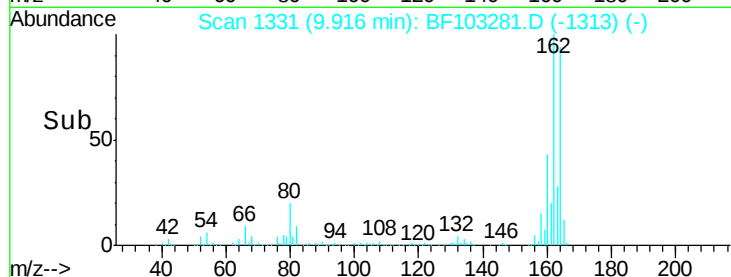


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

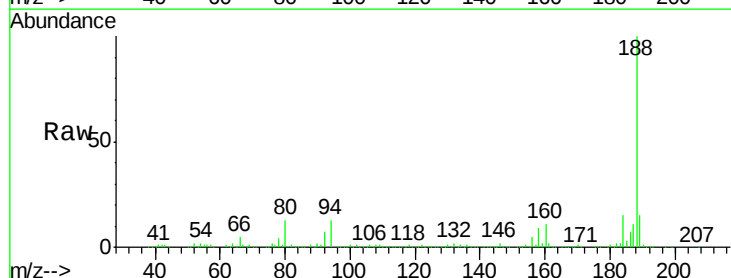
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

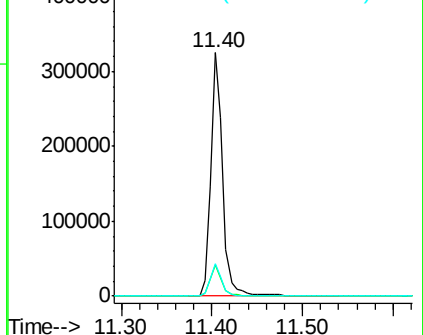
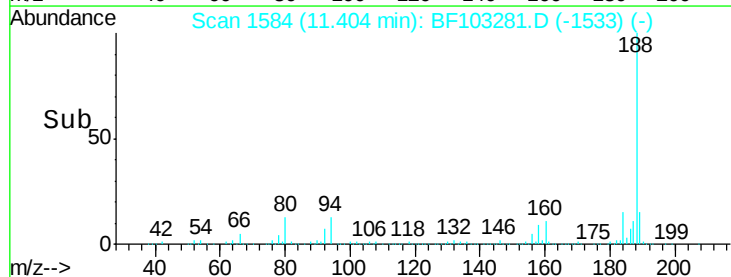
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	8.5	12.7#
80	13.4	9.2	13.8

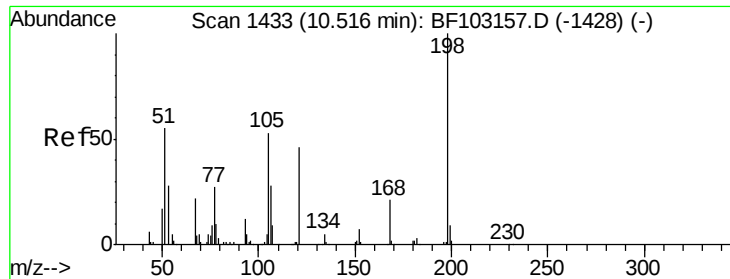


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

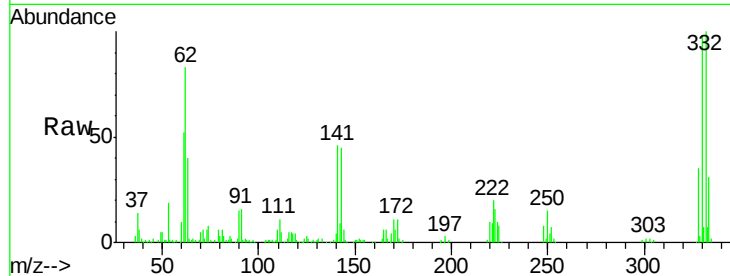




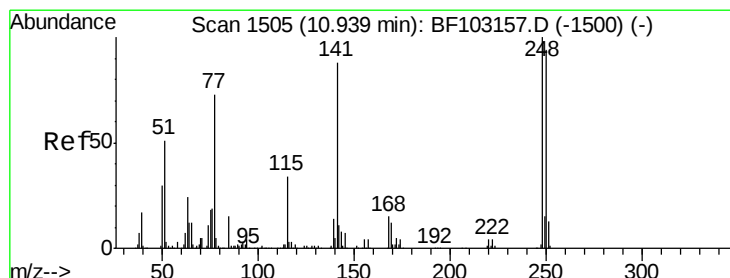
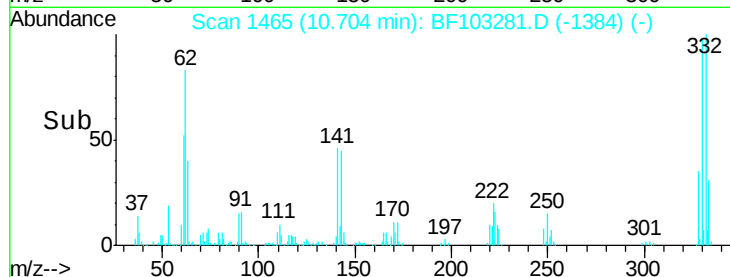
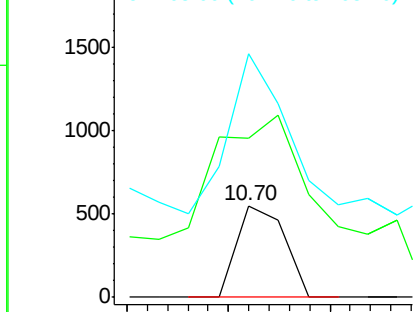
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.12 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 358
 Ion Ratio Lower Upper
 198 100
 51 172.7 37.7 77.7#
 105 265.3 36.3 76.3#

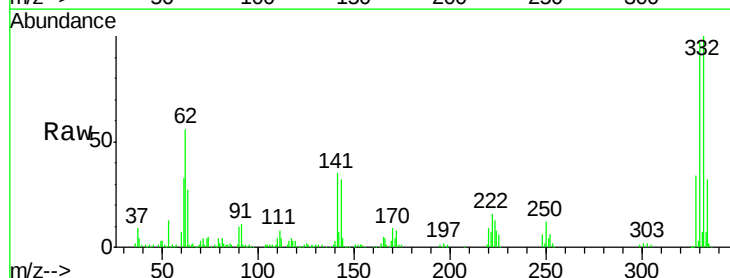


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

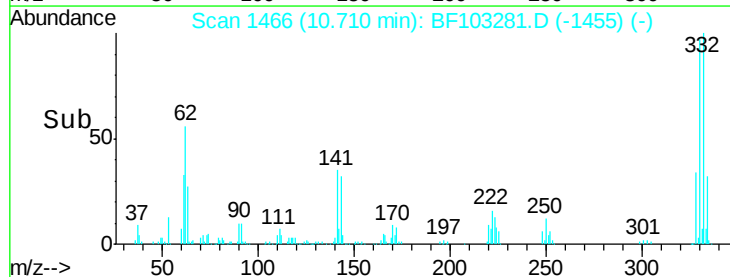
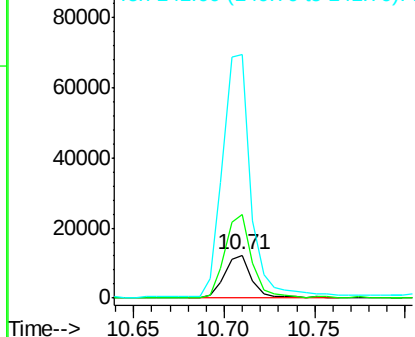


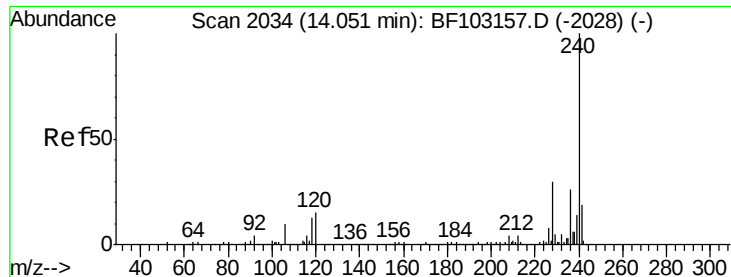
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103281.D
 Acq: 27 Feb 2018 23:20

Tgt Ion:248 Resp: 12718
 Ion Ratio Lower Upper
 248 100
 250 194.0 76.9 115.3#
 141 569.1 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

Instrument :

BNA_F

ClientSampleId :

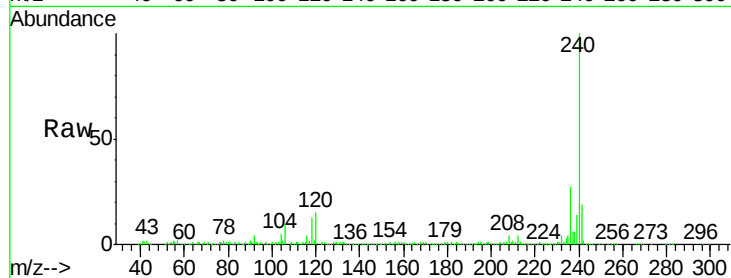
Tot Ion:240 Resp: 247446

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

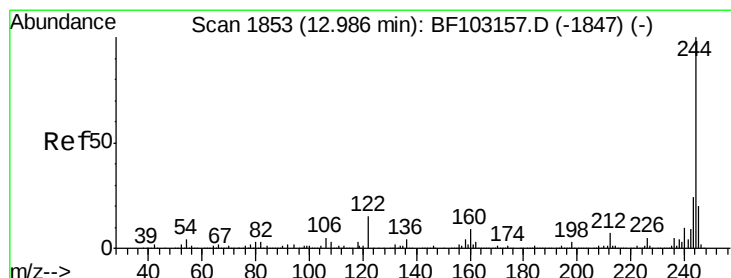
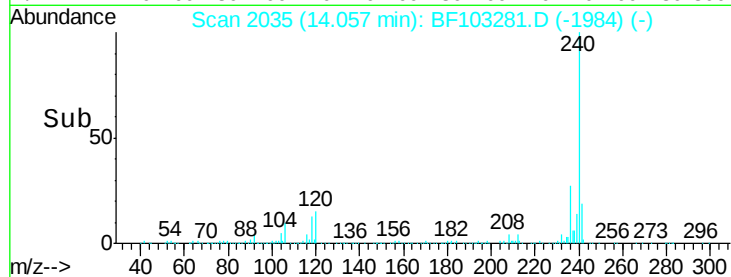
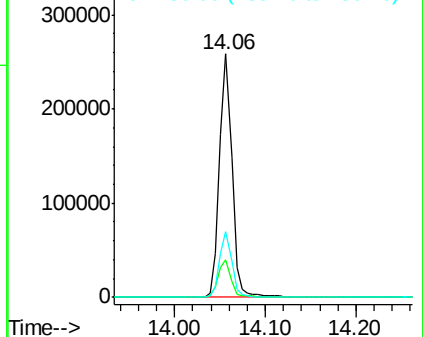
236 27.2 20.7 31.1



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: 87.40 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103281.D

Acq: 27 Feb 2018 23:20

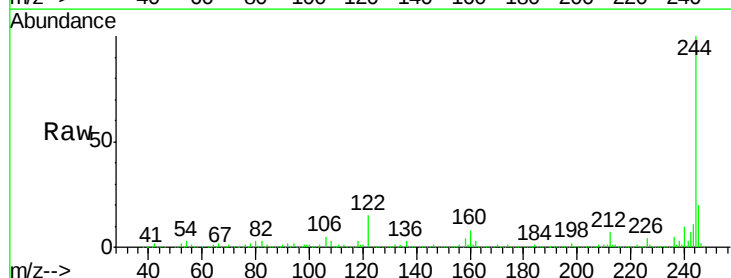
Tgt Ion:244 Resp: 899641

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

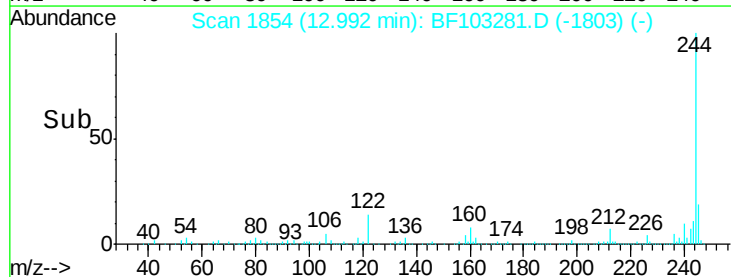
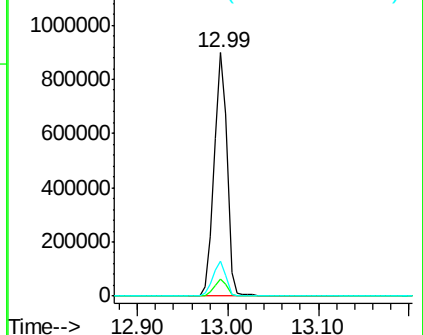
122 14.5 11.0 16.4

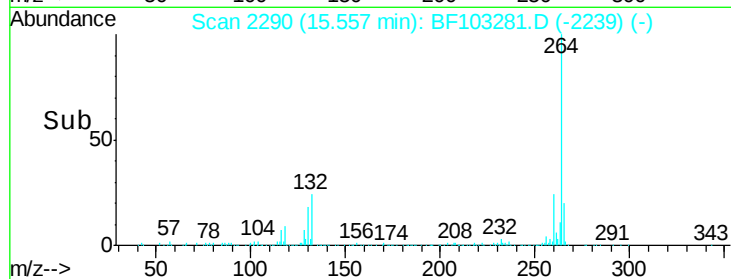
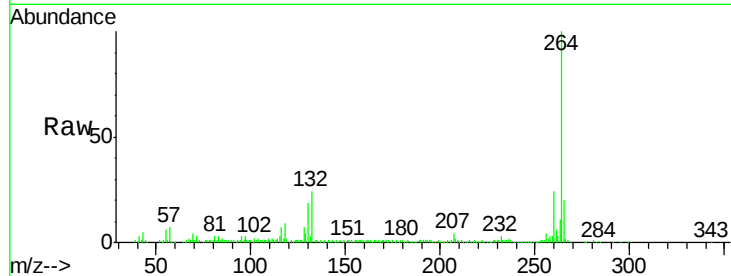
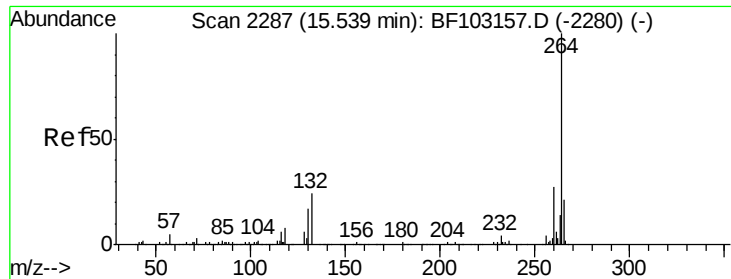


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103281.D
Acq: 27 Feb 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.1	17.5	26.3

