

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101375.D
 Acq On : 13 Dec 2017 20:41
 Operator : SJ/JU
 Sample : I6816-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:08:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

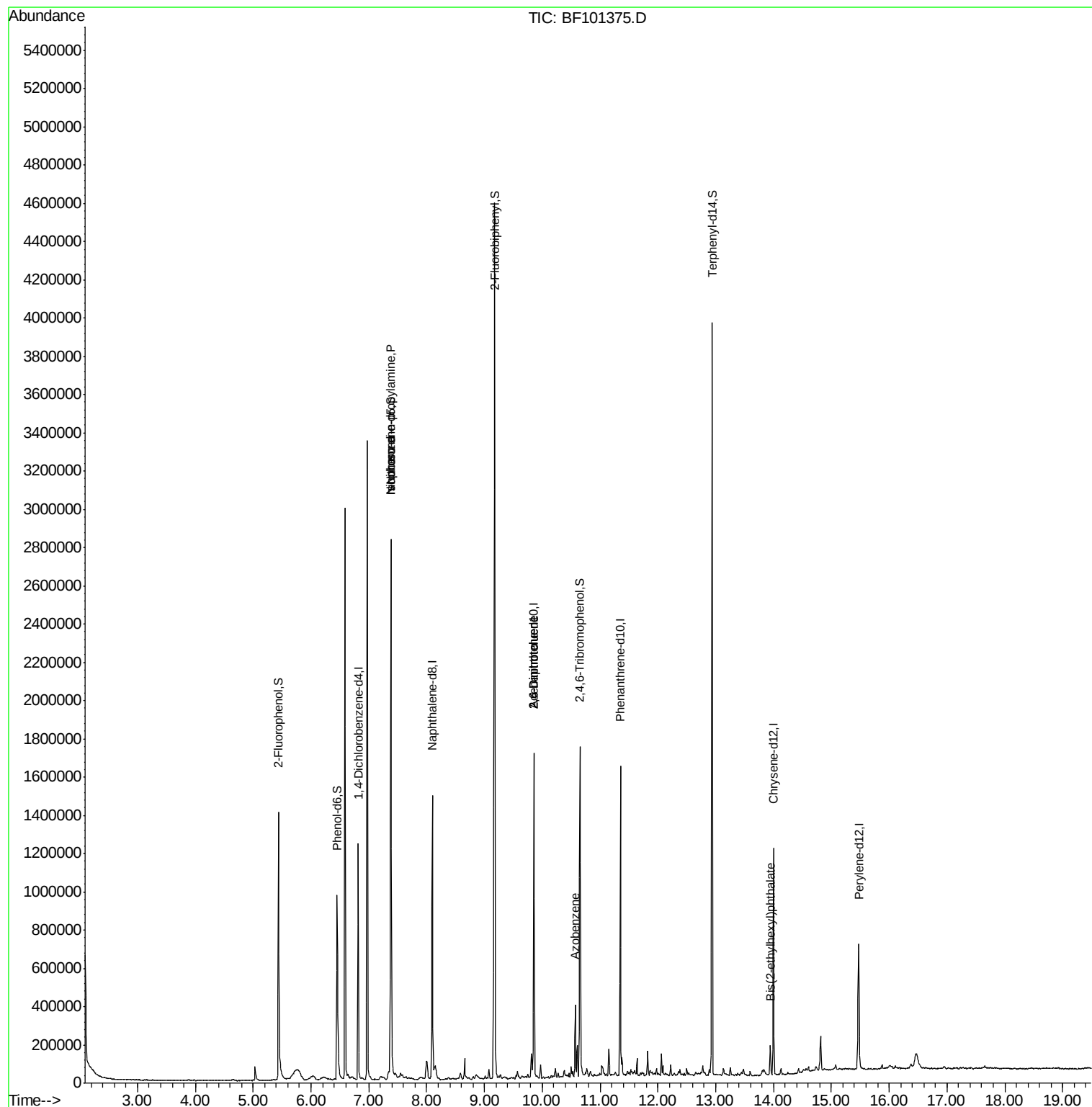
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174975	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	719697	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	321740	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	593027	20.00	ng	0.00
75) Chrysene-d12	14.00	240	383730	20.00	ng	0.00
86) Perylene-d12	15.47	264	321377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	497205	46.96	ng	0.00
7) Phenol-d6	6.45	99	388575	30.23	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1020186	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	203701	52.70	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1717423	73.03	ng	-0.01
78) Terphenyl-d14	12.94	244	1488381	84.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	146103	16.875	ng	# 85
25) Isophorone	7.39	82	1008654	48.945	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	41235	7.545	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	41235	5.630	ng	# 24
62) Azobenzene	10.57	77	62391	2.873	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	46855	2.815	ng	# 98

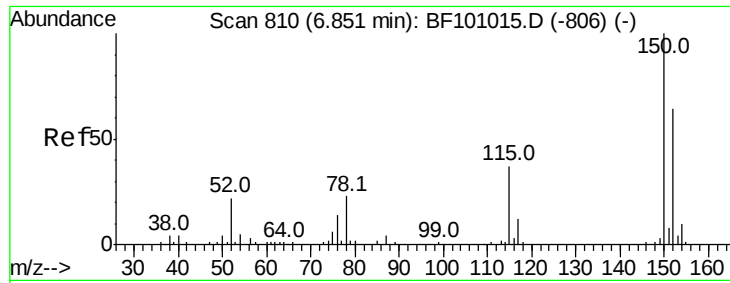
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121317\
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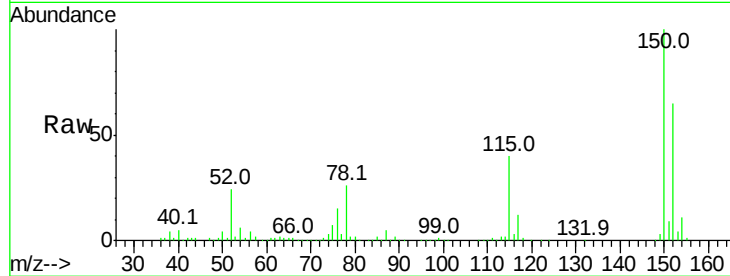


#1

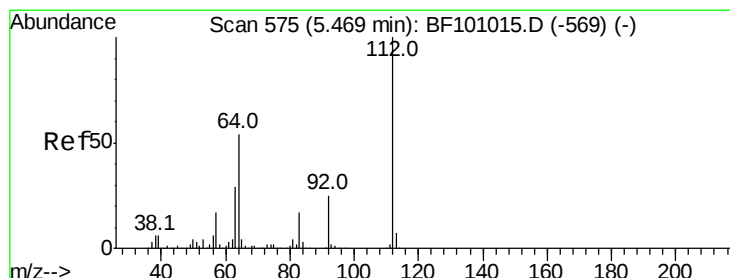
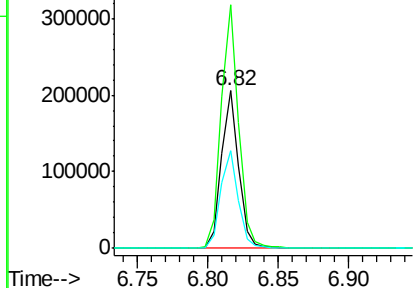
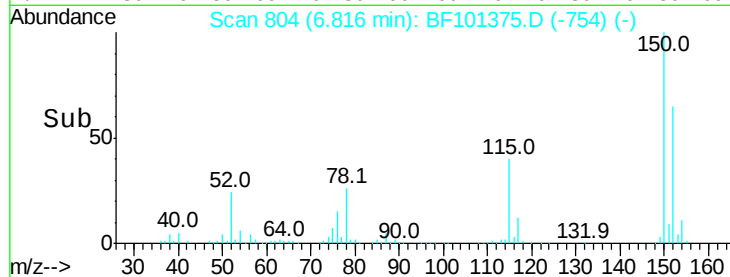
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174975
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.8 50.1 75.1



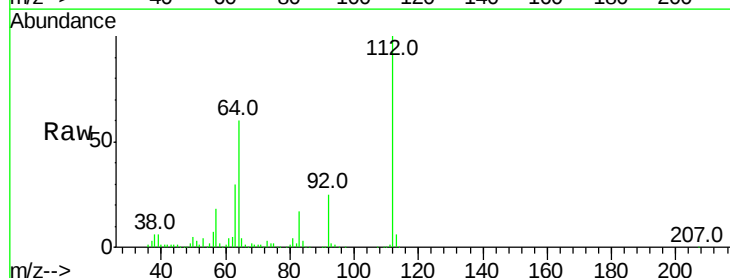
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



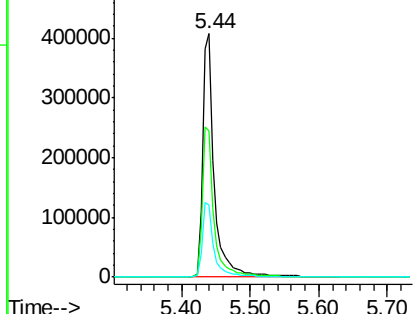
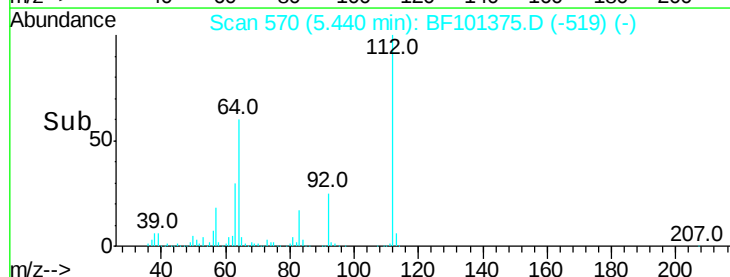
#5

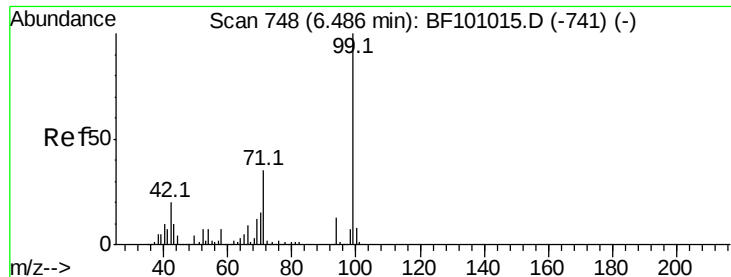
2-Fluorophenol
Concen: 46.955 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

Tgt Ion:112 Resp: 497205
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.8 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: 30.225 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Instrument :

BNA_F

ClientSampleId :

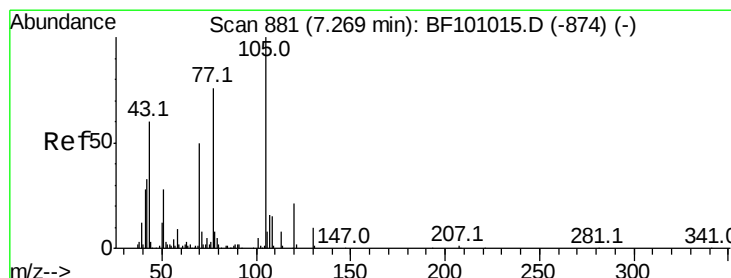
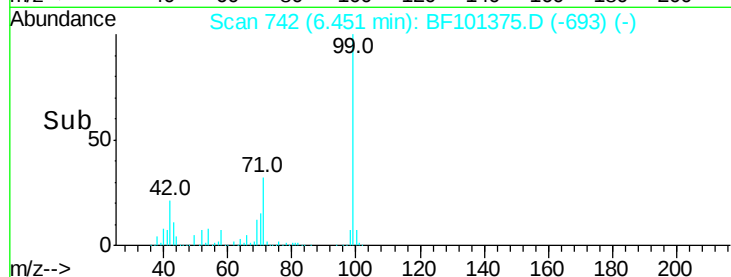
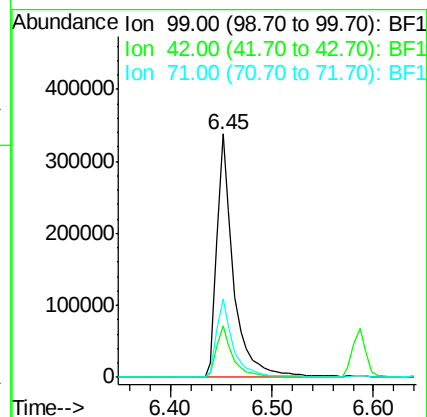
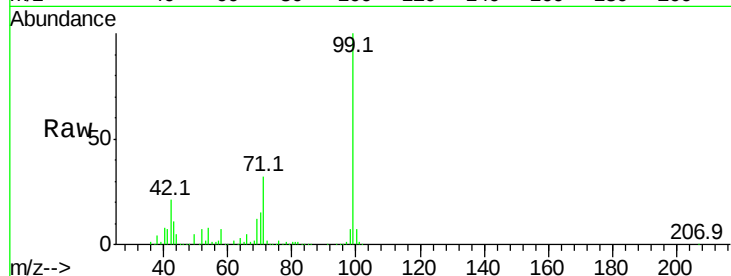
Tot Ion: 99 Resp: 388575

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.875 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Tgt Ion: 70 Resp: 146103

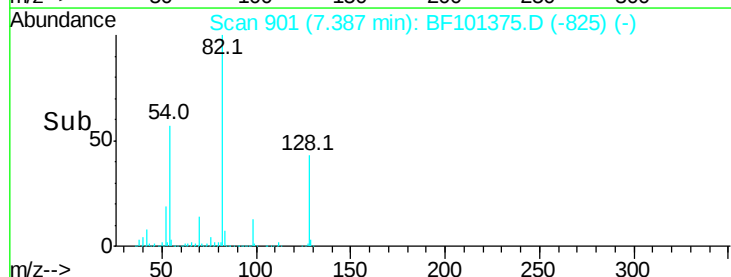
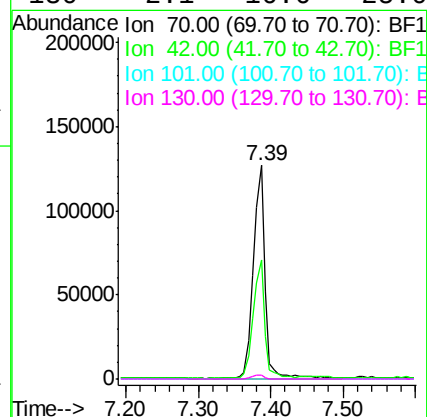
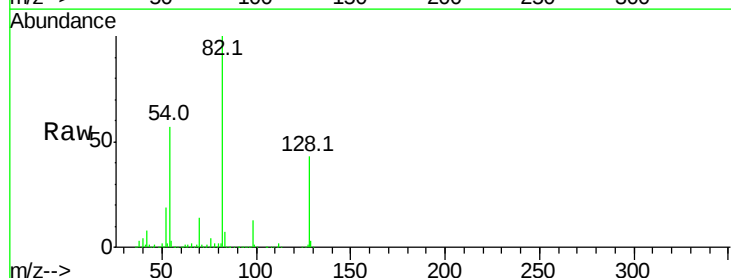
Ion Ratio Lower Upper

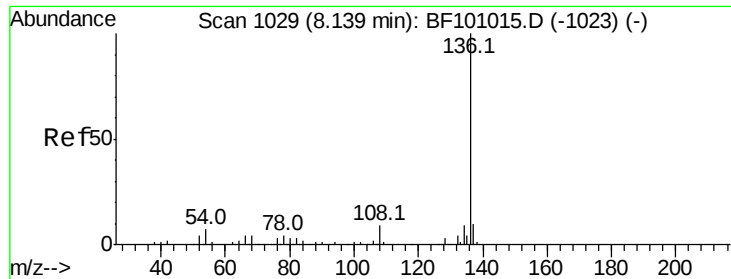
70 100

42 55.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

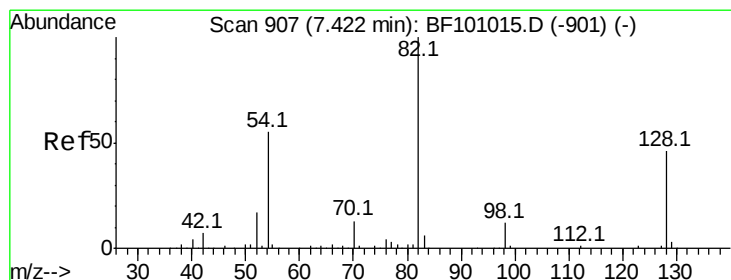
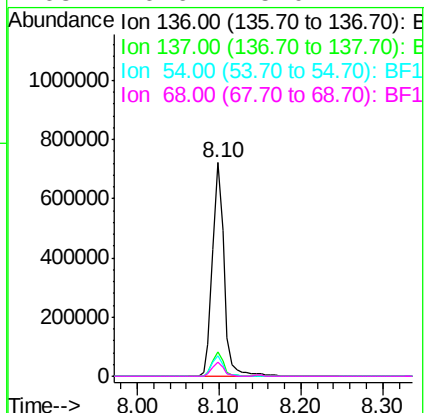
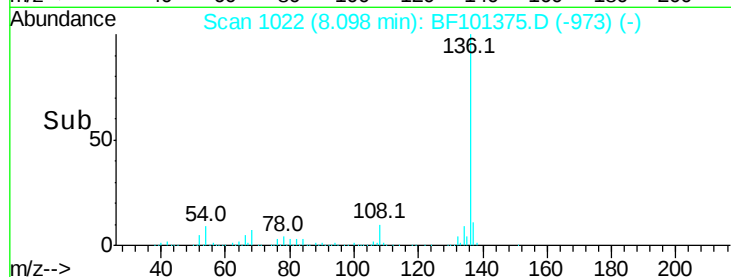
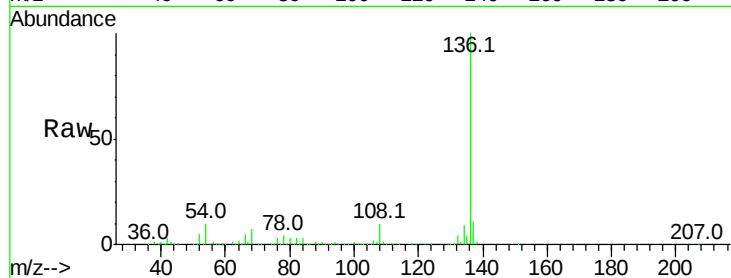




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

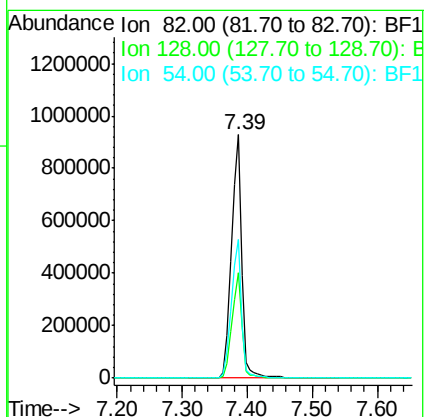
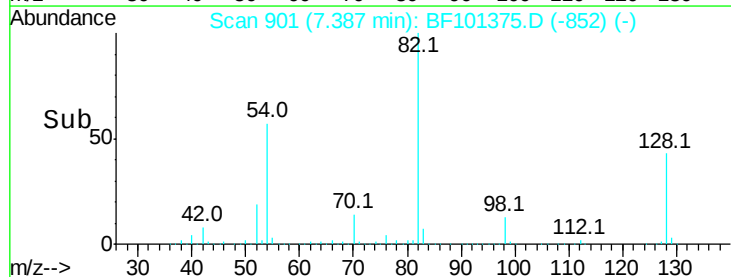
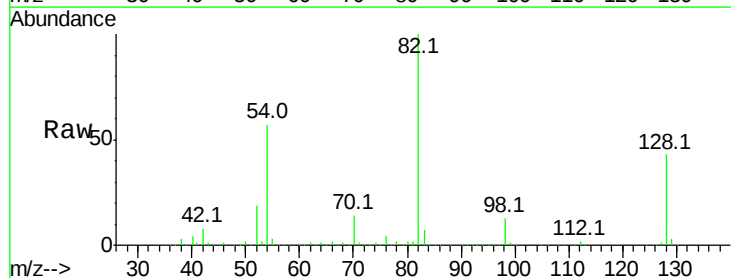
Instrument :
BNA_F
ClientSampleId :

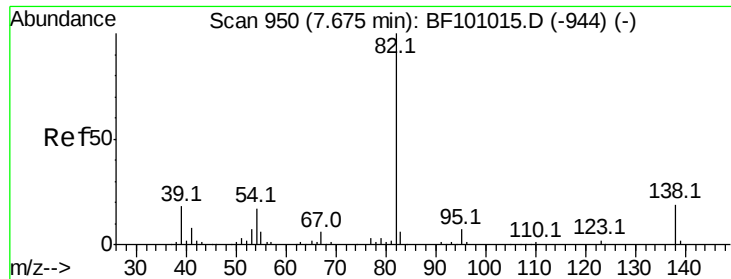
Tot Ion:136	Resp:	719697
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.5	6.6	9.8
68 6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.560 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

Tgt Ion: 82	Resp:	1020186
Ion Ratio	Lower	Upper
82 100		
128 43.1	36.1	54.1
54 57.1	41.4	62.2

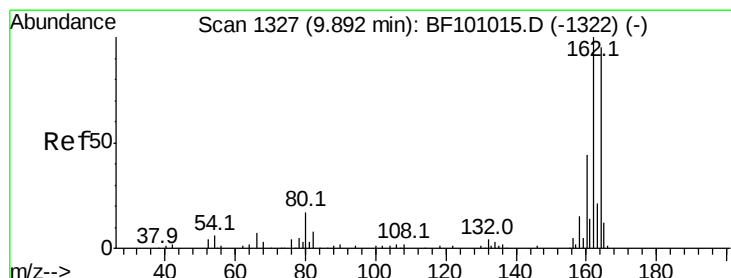
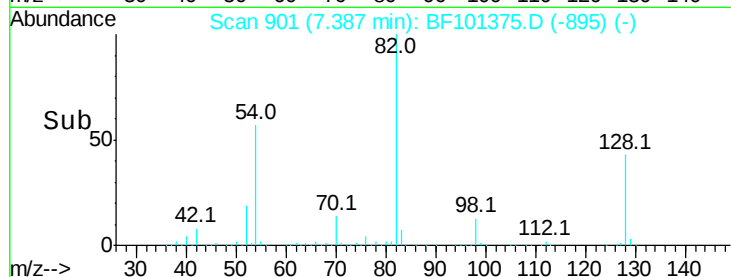
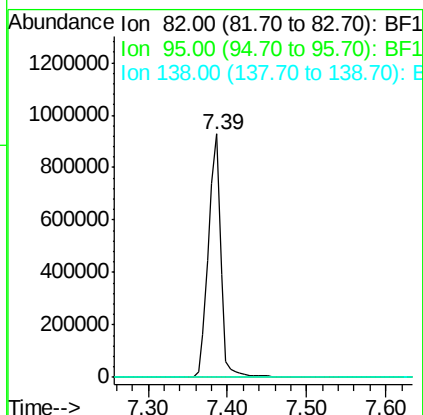
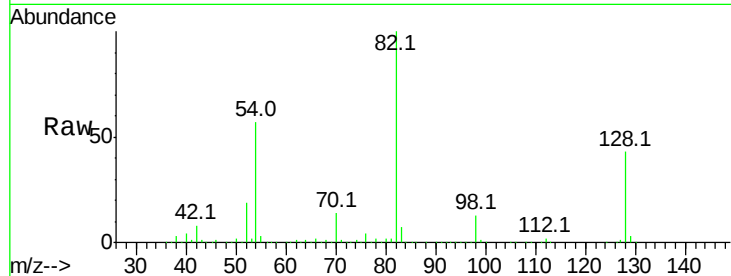




#25
Isophorone
Concen: 48.945 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

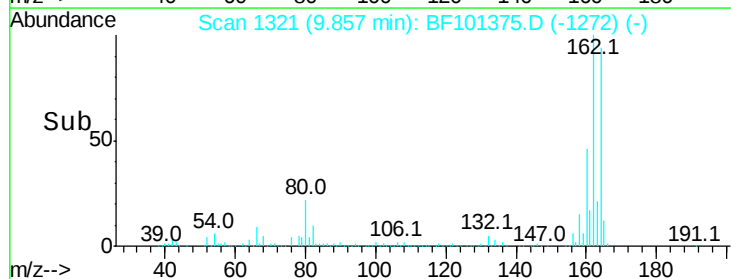
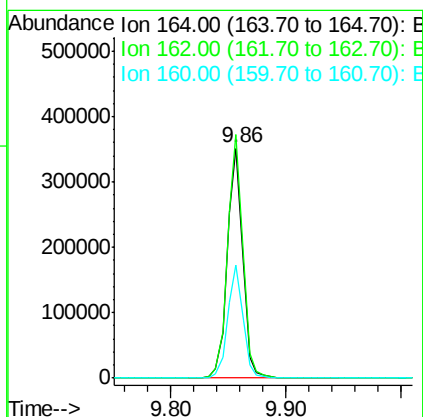
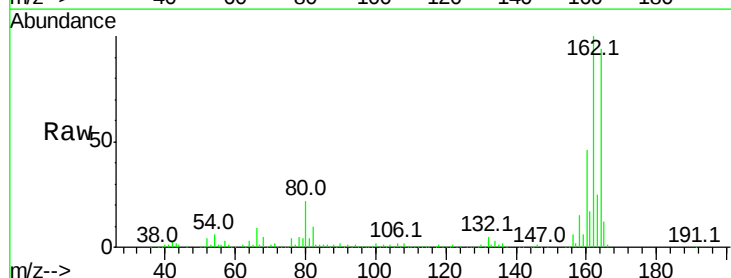
Instrument :
BNA_F
ClientSampleId :

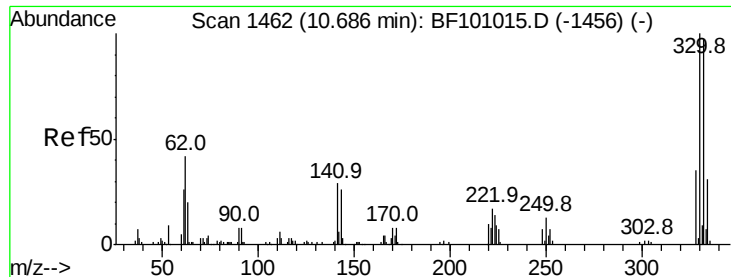
Tot Ion: 82 Resp: 1008654
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101375.D
Acq: 13 Dec 2017 20:41

Tgt Ion:164 Resp: 321740
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 49.0 38.3 57.5

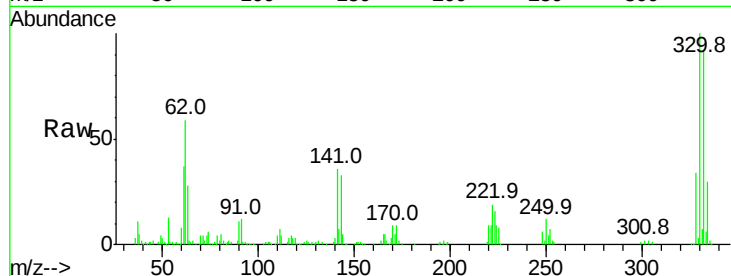




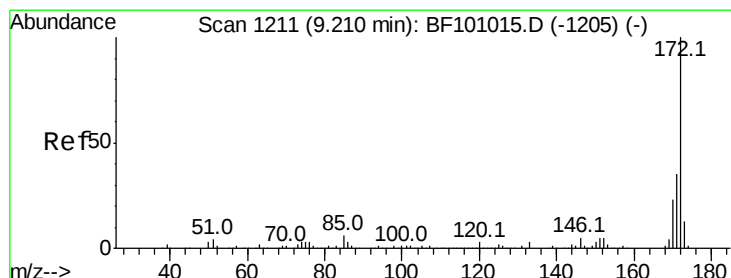
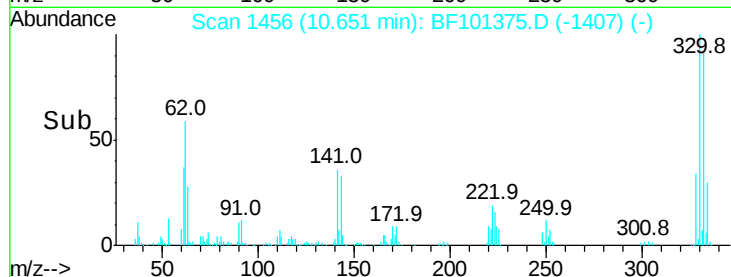
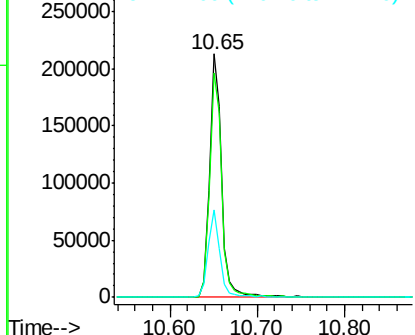
#41
 2,4,6-Tribromophenol
 Concen: 52.704 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101375.D
 Acq: 13 Dec 2017 20:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 203701
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 35.8 29.9 44.9

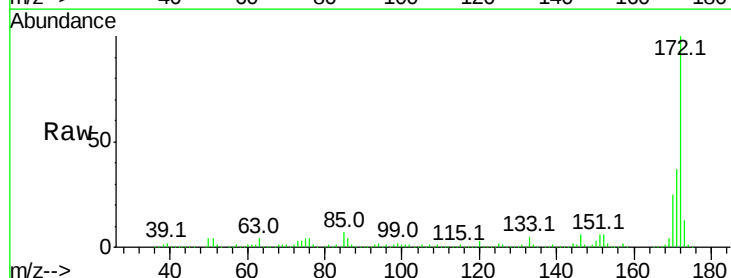


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

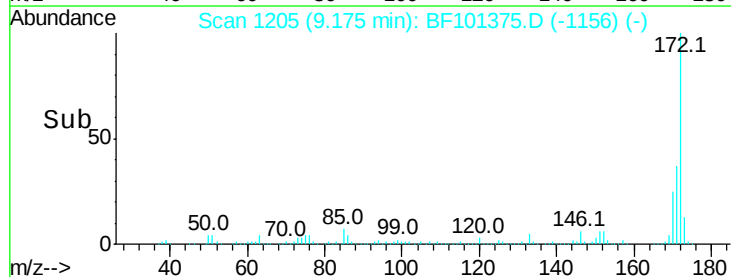
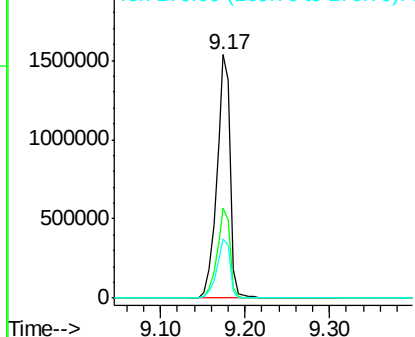


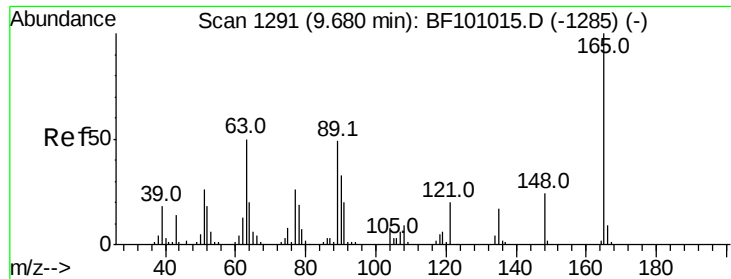
#44
 2-Fluorobiphenyl
 Concen: 73.033 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101375.D
 Acq: 13 Dec 2017 20:41

Tgt Ion:172 Resp: 1717423
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 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





#50

2,6-Dinitrotoluene

Concen: 7.545 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.20 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Instrument :

BNA_F

ClientSampleId :

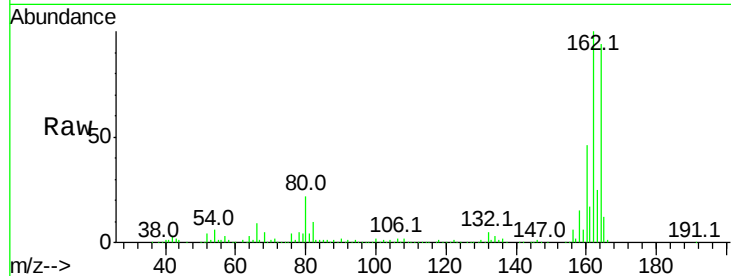
Tot Ion:165 Resp: 41235

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

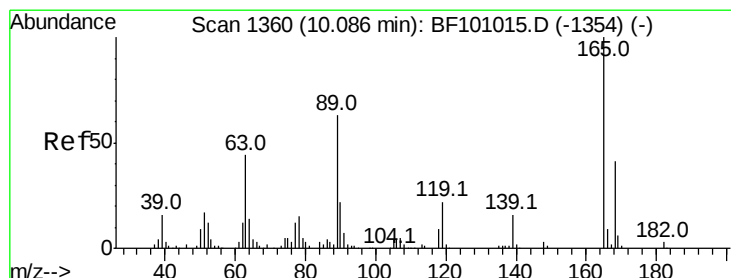
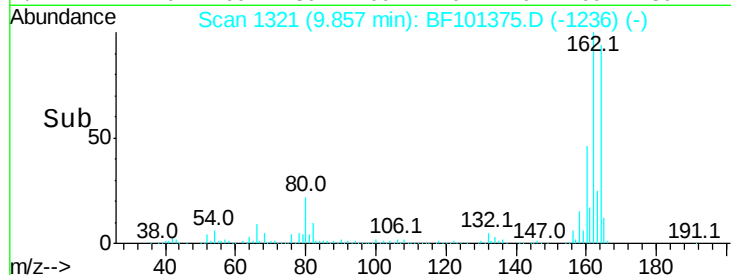
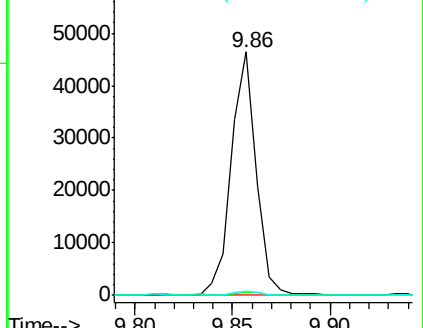
89 1.9 44.0 66.0#



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: 5.630 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.21 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Tgt Ion:165 Resp: 41235

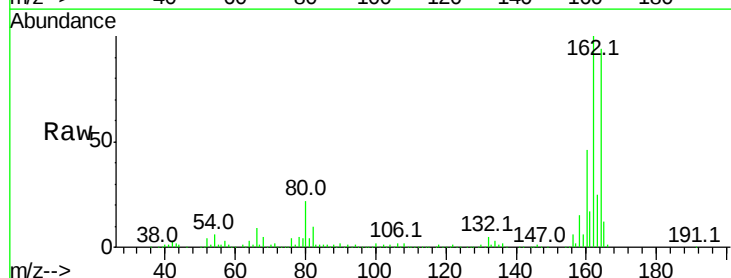
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

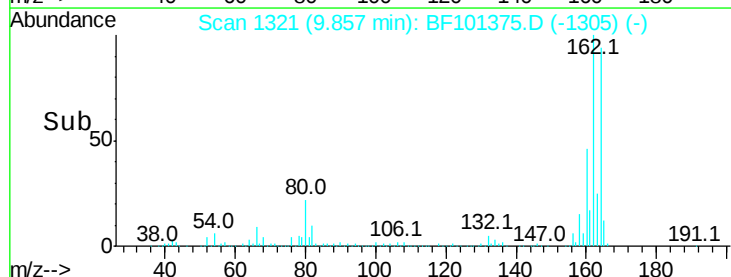
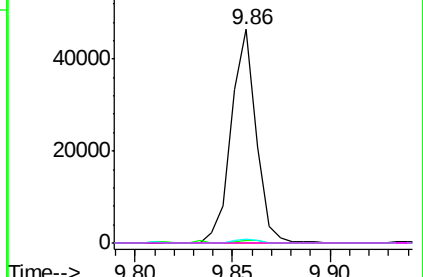


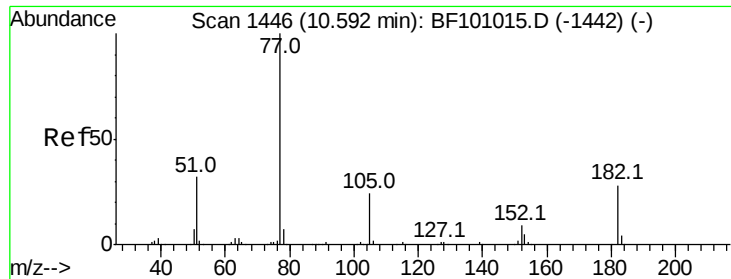
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 2.873 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 62391

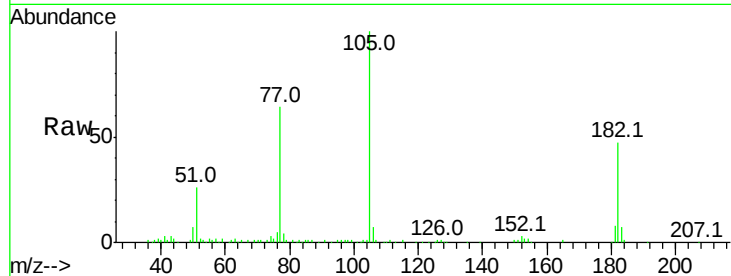
Ion Ratio Lower Upper

77 100

182 72.9 1.7 41.7#

105 156.7 3.0 43.0#

51 41.0 9.9 49.9

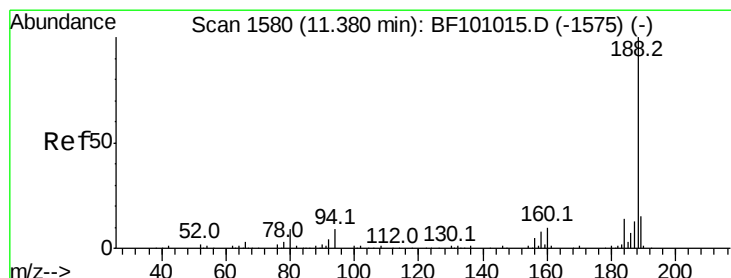
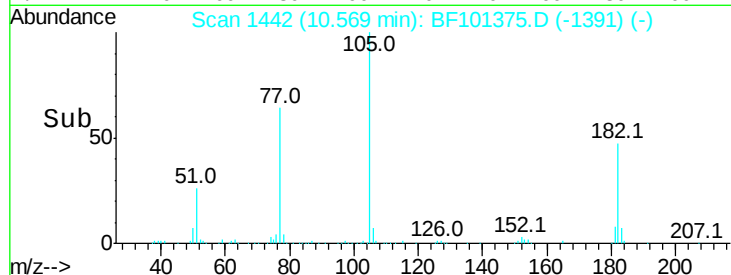
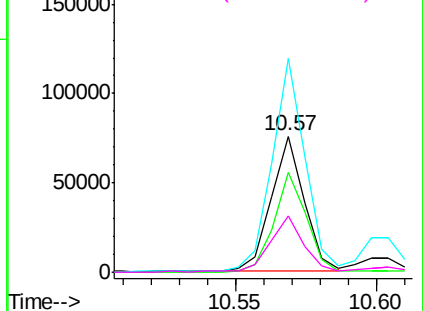


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

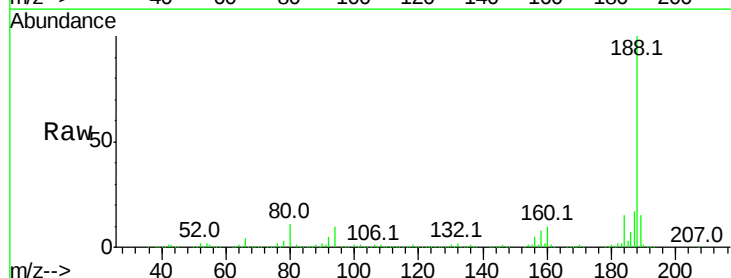
Tgt Ion: 188 Resp: 593027

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

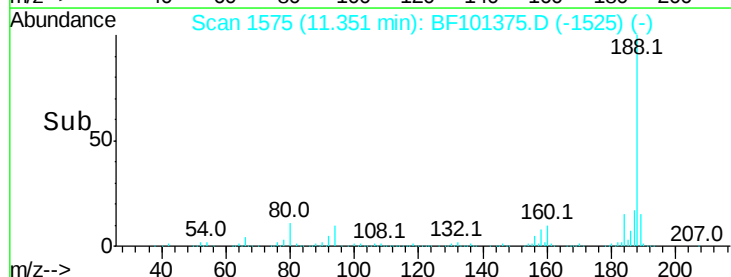
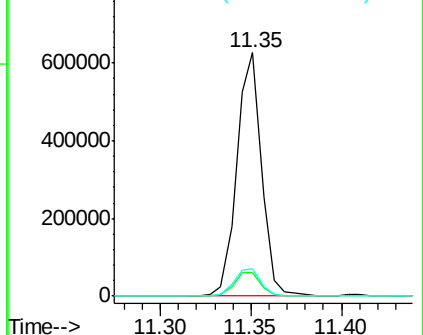
80 11.0 9.2 13.8

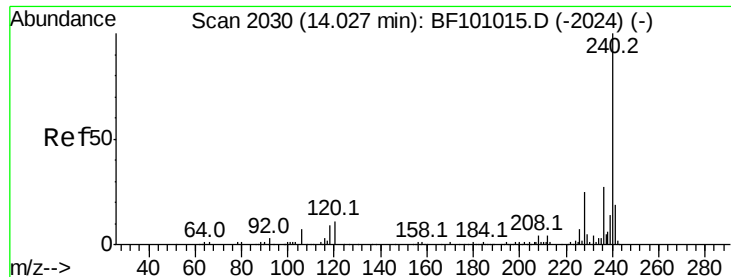


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

Instrument :

BNA_F

ClientSampleId :

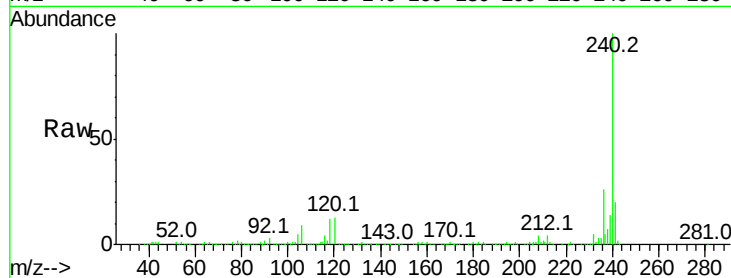
Tot Ion:240 Resp: 383730

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

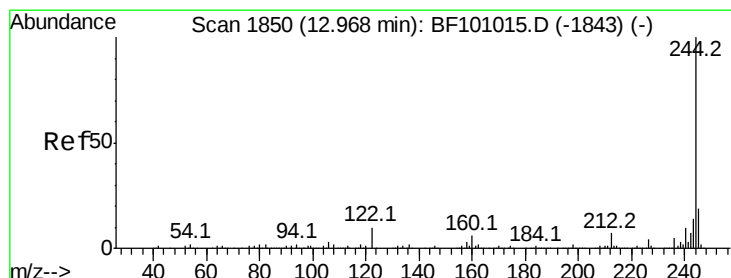
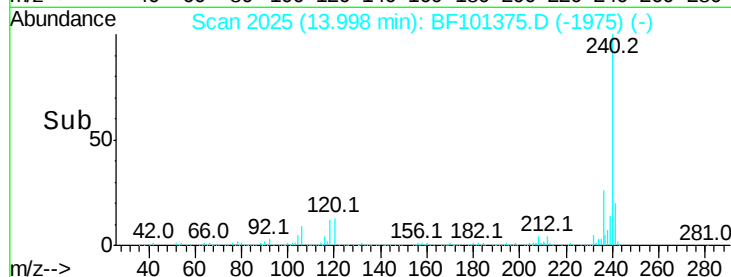
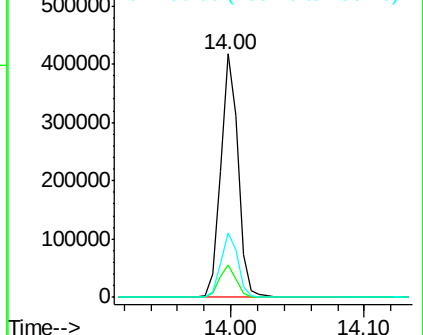
236 26.4 20.7 31.1



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: 84.838 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101375.D

Acq: 13 Dec 2017 20:41

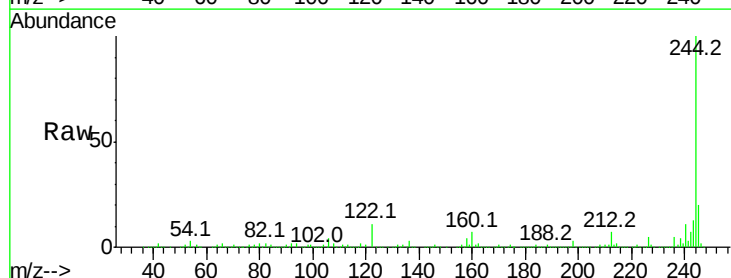
Tgt Ion:244 Resp: 1488381

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

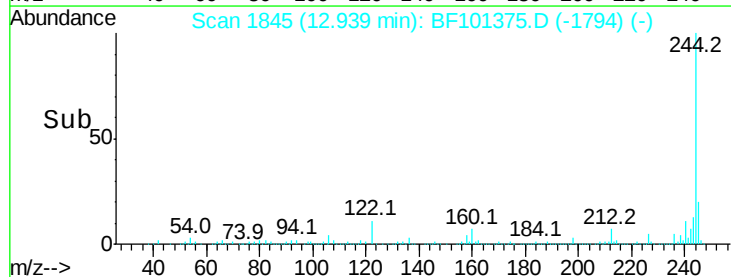
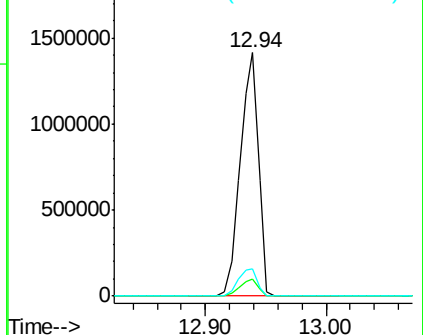
122 11.3 11.0 16.4

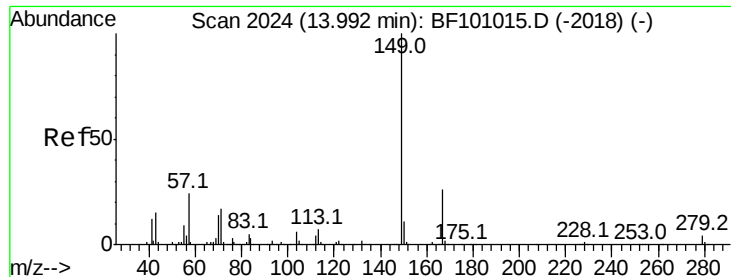


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

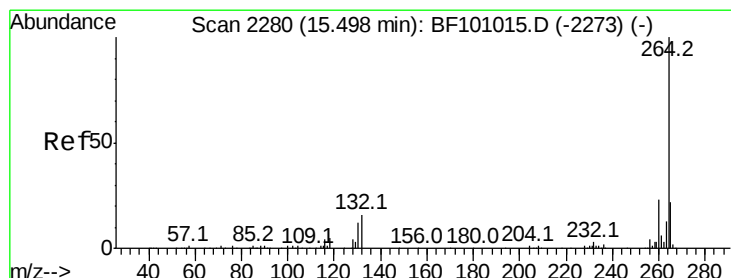
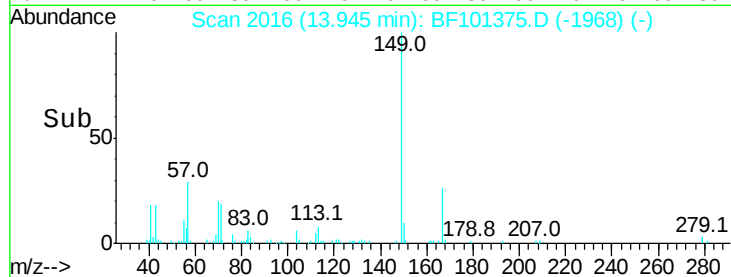
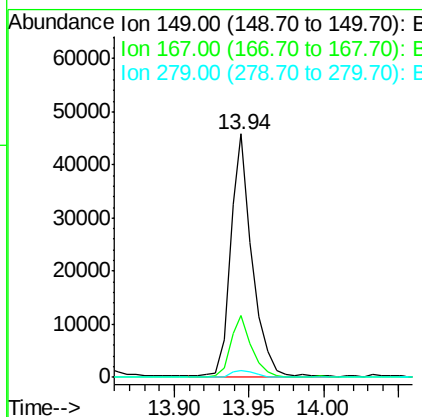
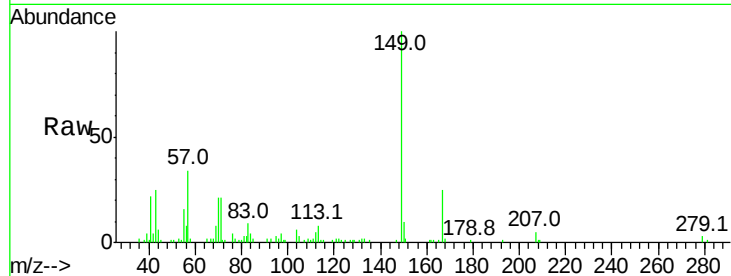




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.815 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF101375.D
 Acq: 13 Dec 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	2.7	3.0	4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BF101375.D
 Acq: 13 Dec 2017 20:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3

