

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102286.D
 Acq On : 21 Jan 2018 2:37
 Operator : SJ/JU
 Sample : J1213-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:27:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

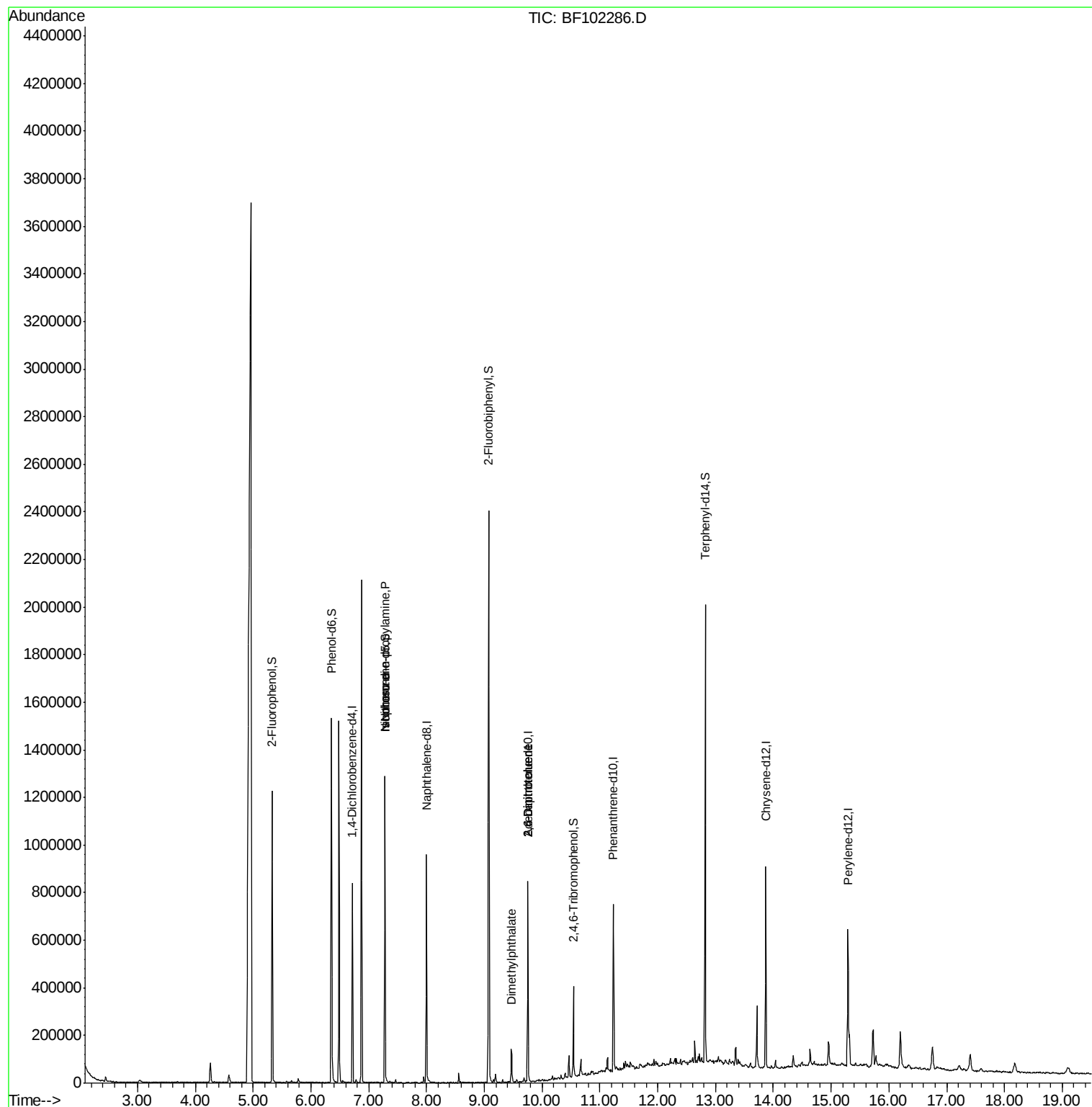
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117008	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	431566	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	156062	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	242332	20.00	ng	0.00
75) Chrysene-d12	13.87	240	280757	20.00	ng	0.00
86) Perylene-d12	15.29	264	235969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	328275	39.62	ng	0.00
7) Phenol-d6	6.36	99	488435	49.41	ng	-0.01
23) Nitrobenzene-d5	7.28	82	428558	58.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	41866	30.74	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	709639	71.04	ng	-0.01
78) Terphenyl-d14	12.82	244	607099	44.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	55843	8.619	ng	# 82
25) Isophorone	7.28	82	428554	29.533	ng	# 64
49) Dimethylphthalate	9.47	163	56659	4.526	ng	98
50) 2,6-Dinitrotoluene	9.75	165	19314	7.723	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	19314	6.162	ng	# 22

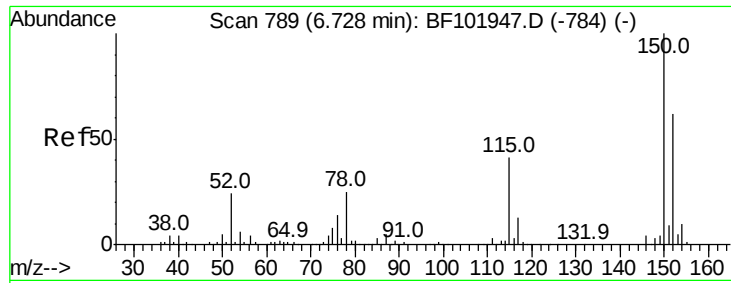
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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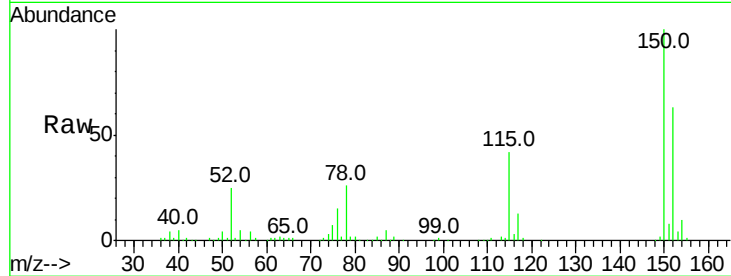


#1

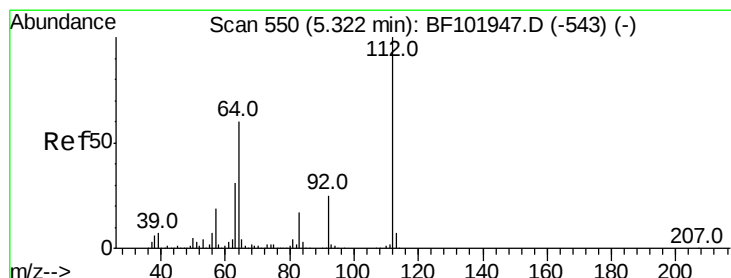
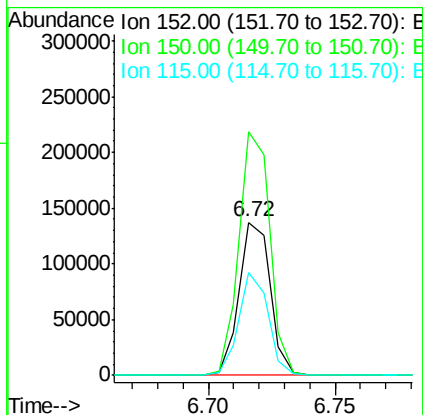
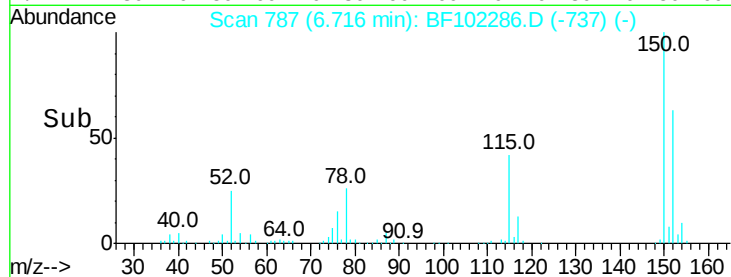
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	67.2	50.1	75.1



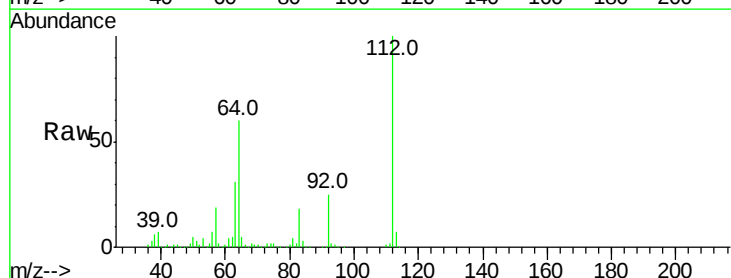
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



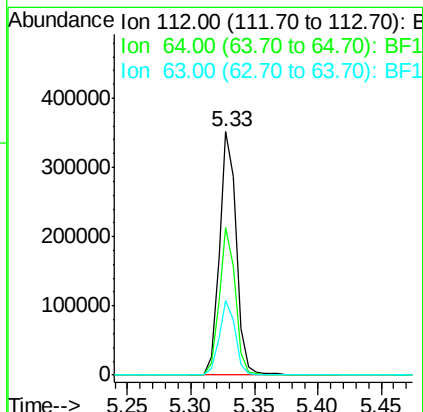
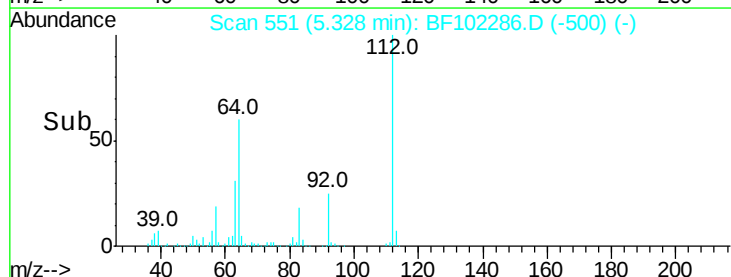
#5

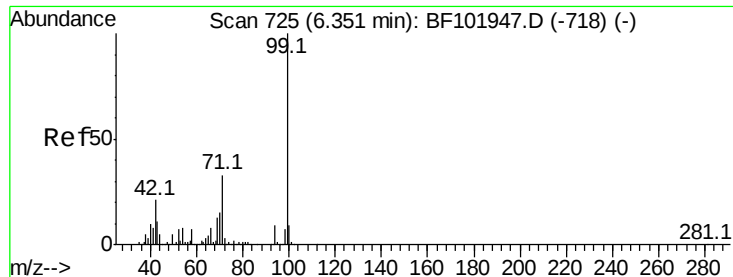
2-Fluorophenol
 Concen: 39.617 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.7	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: 49.405 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102286.D

Acq: 21 Jan 2018 2:37

Instrument :

BNA_F

ClientSampleId :

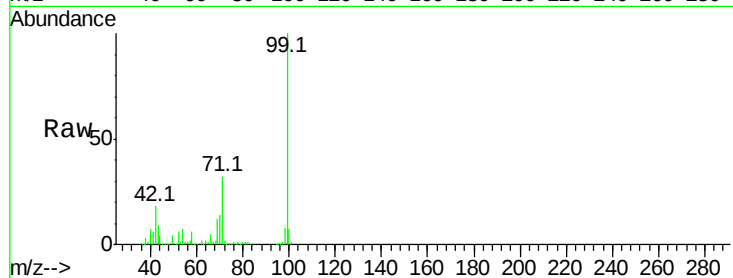
Tot Ion: 99 Resp: 488435

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

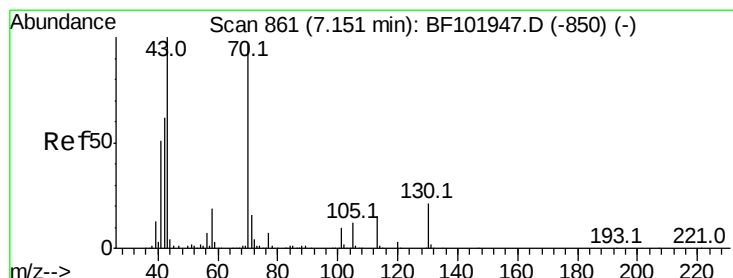
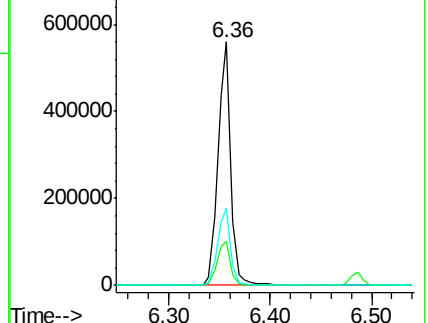
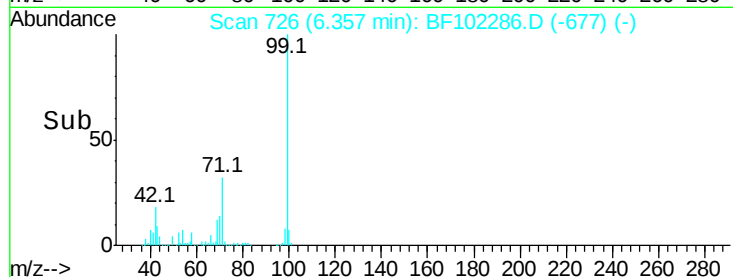
71 31.8 25.4 38.0



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: 8.619 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF102286.D

Acq: 21 Jan 2018 2:37

Tgt Ion: 70 Resp: 55843

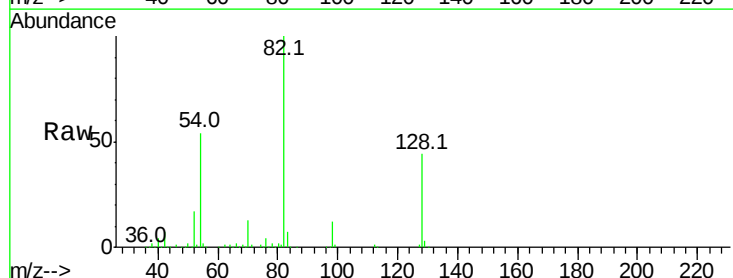
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

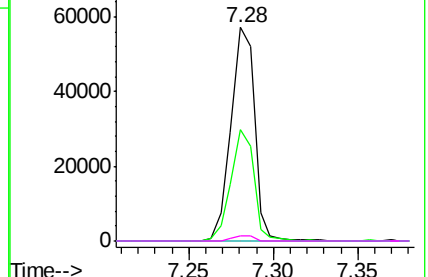
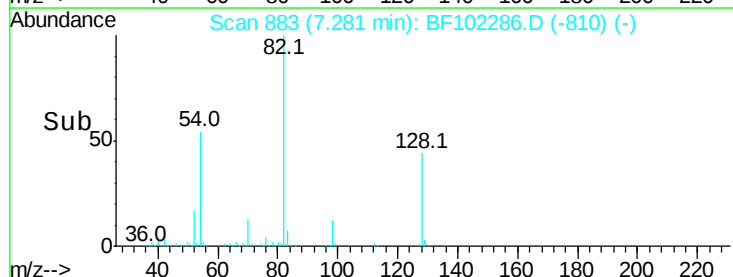


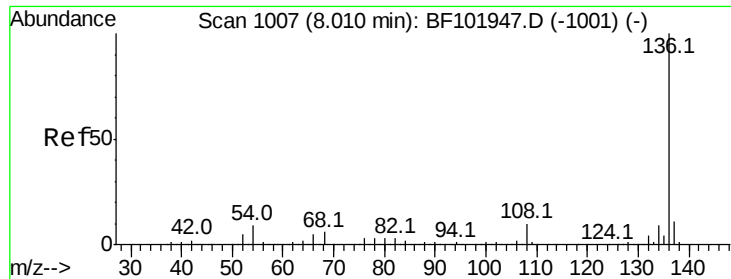
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

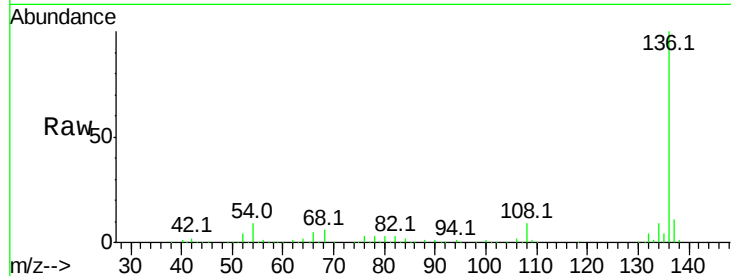




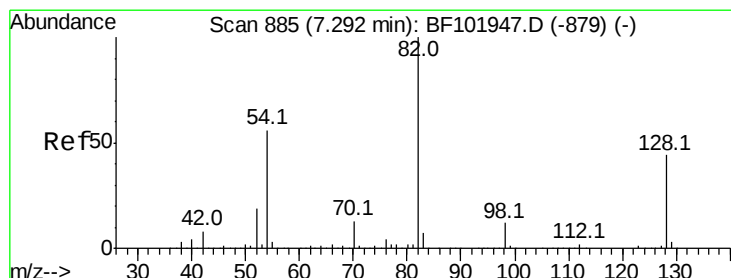
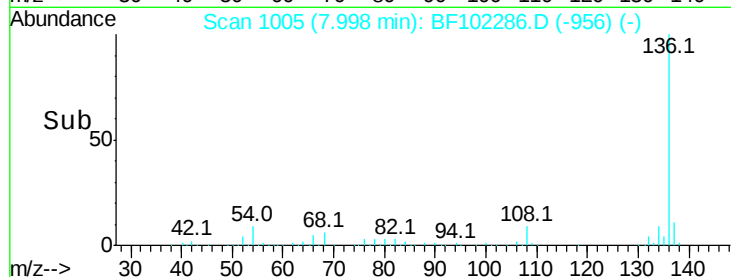
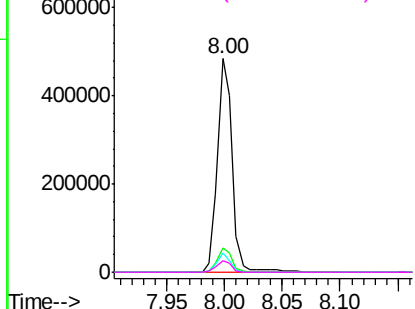
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102286.D
Acq: 21 Jan 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431566
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.8	6.6 9.8
68	5.6	5.0 7.4

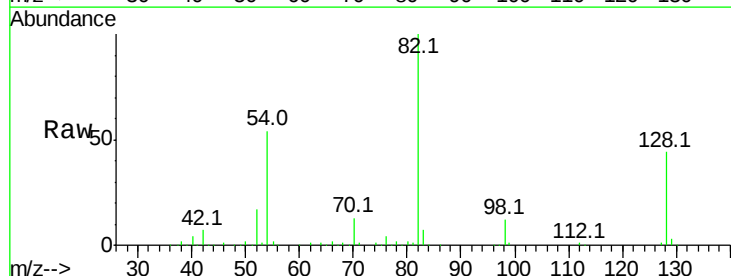


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

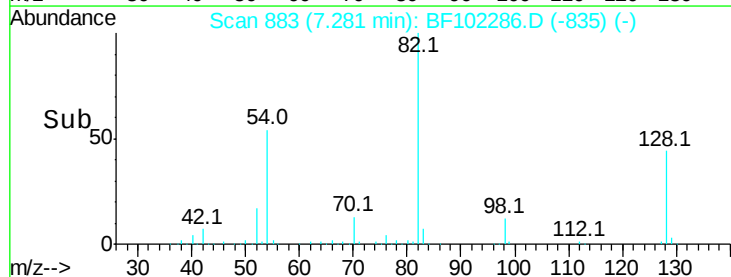
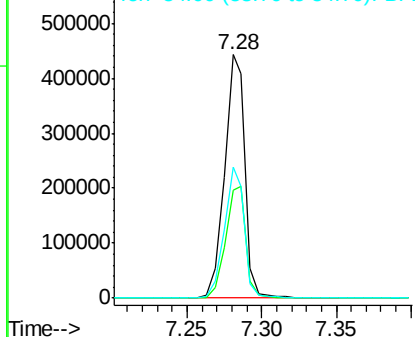


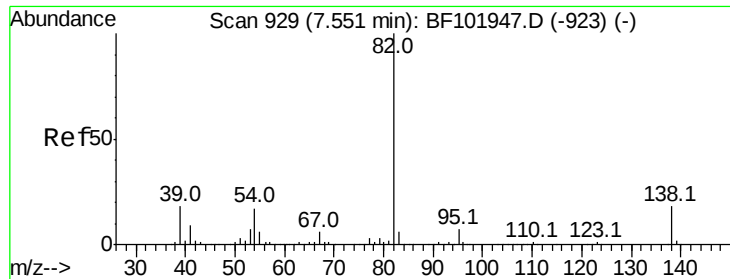
#23
Nitrobenzene-d5
Concen: 58.355 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102286.D
Acq: 21 Jan 2018 2:37

Tgt Ion: 82	Resp:	428558
Ion Ratio	Lower	Upper
82	100	
128	44.2	36.1 54.1
54	53.6	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: 29.533 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102286.D

Acq: 21 Jan 2018 2:37

Instrument :

BNA_F

ClientSampleId :

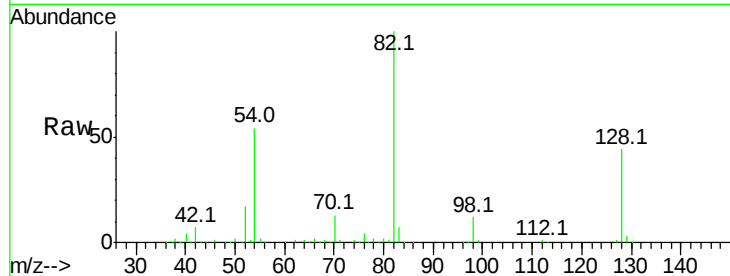
Tot Ion: 82 Resp: 428554

Ion Ratio Lower Upper

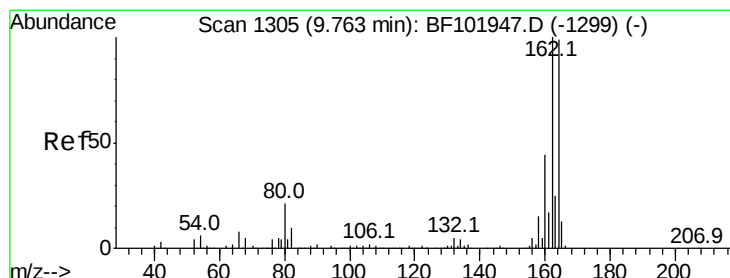
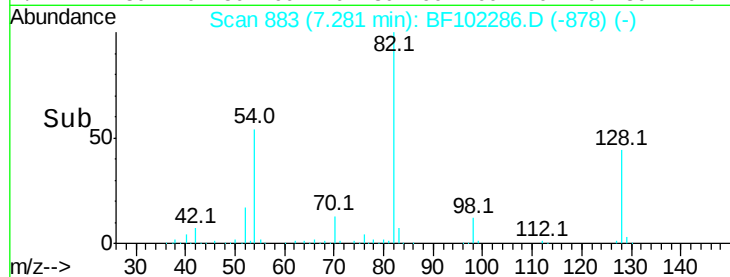
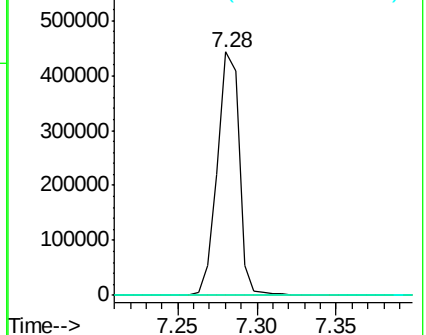
82 100

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: BF102286.D

Acq: 21 Jan 2018 2:37

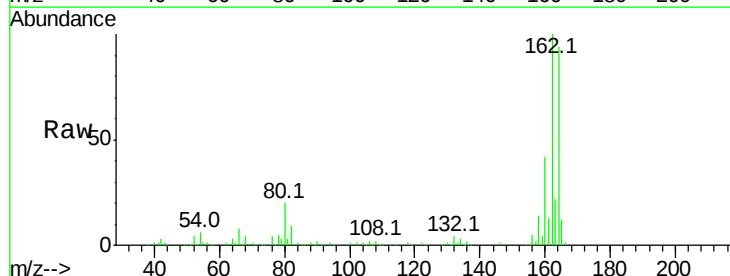
Tgt Ion:164 Resp: 156062

Ion Ratio Lower Upper

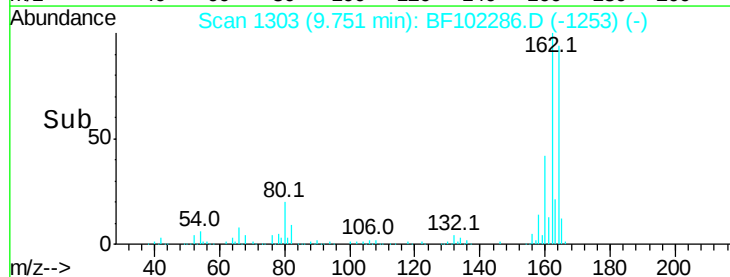
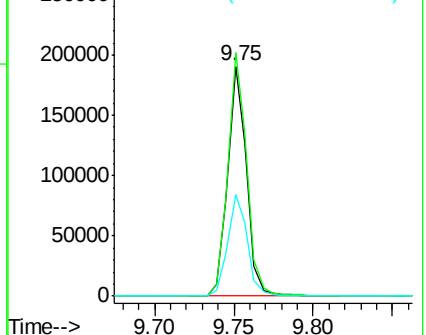
164 100

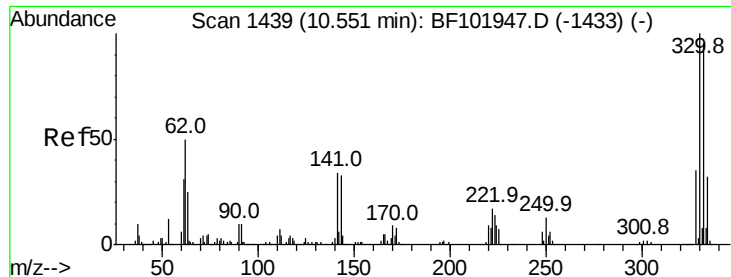
162 105.9 86.1 129.1

160 44.0 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

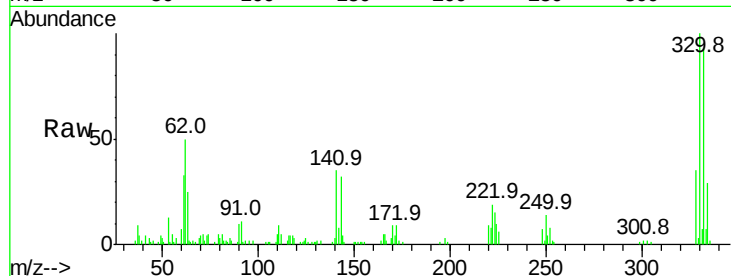




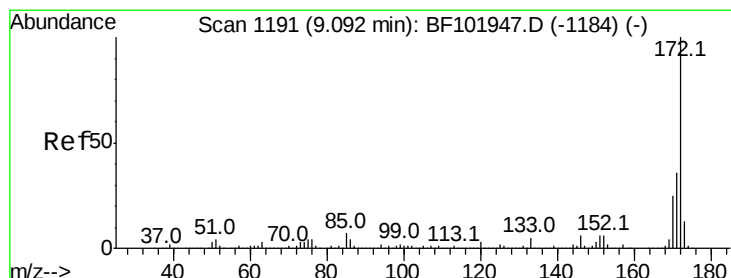
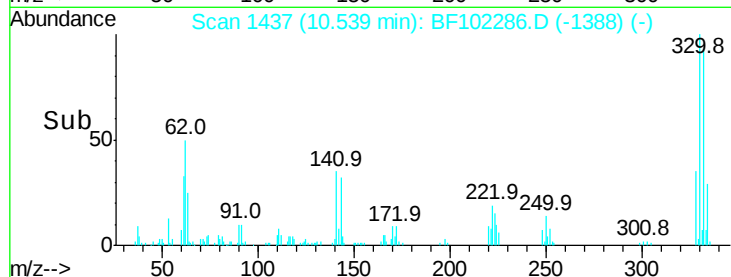
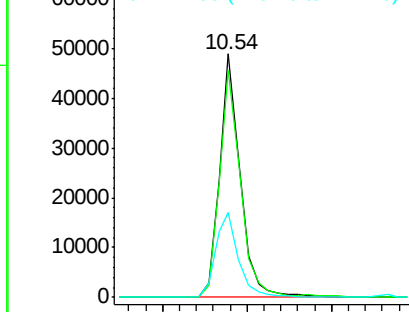
#41
 2,4,6-Tribromophenol
 Concen: 30.740 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.9			77.0	115.6	
141	38.2			29.9	44.9	

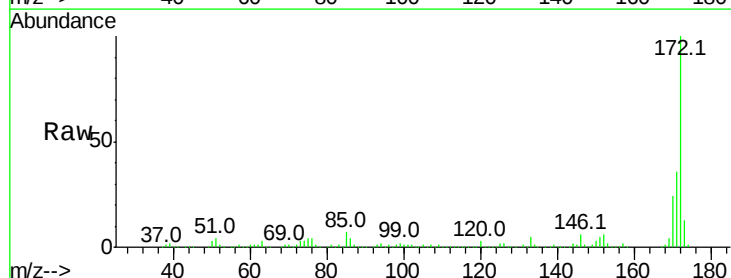


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

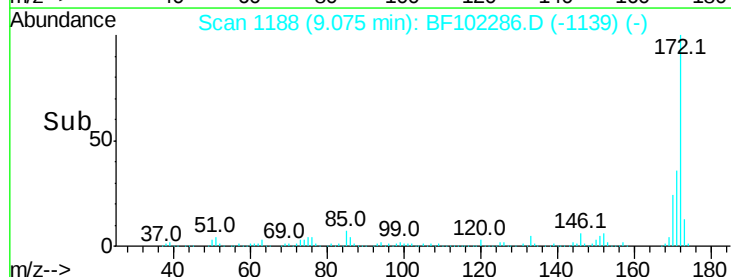
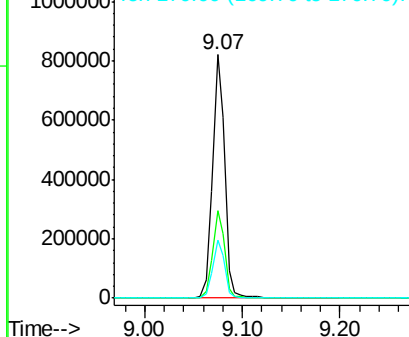


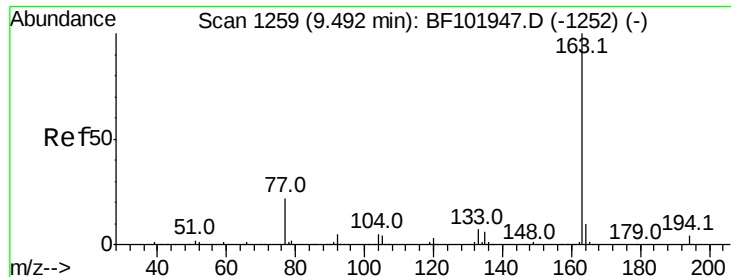
#44
 2-Fluorobiphenyl
 Concen: 71.039 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	36.2			29.7	44.5	
170	23.6			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

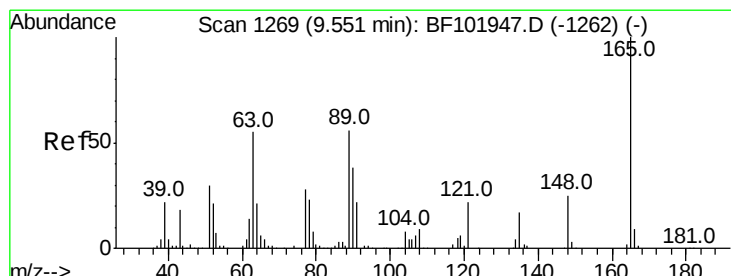
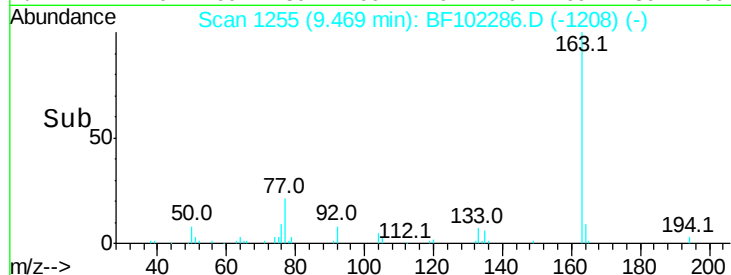
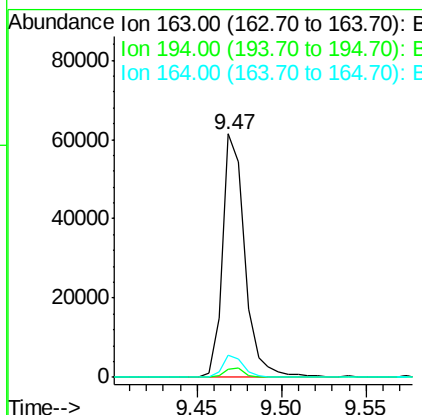
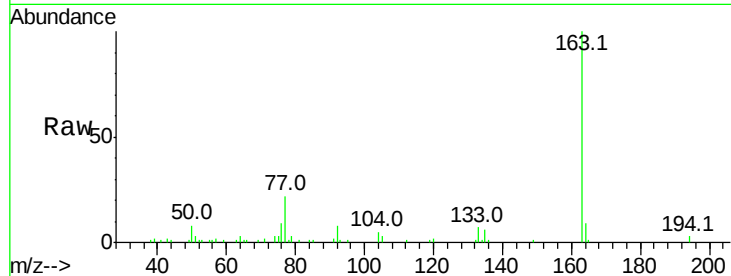




#49
 Dimethylphthalate
 Concen: 4.526 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

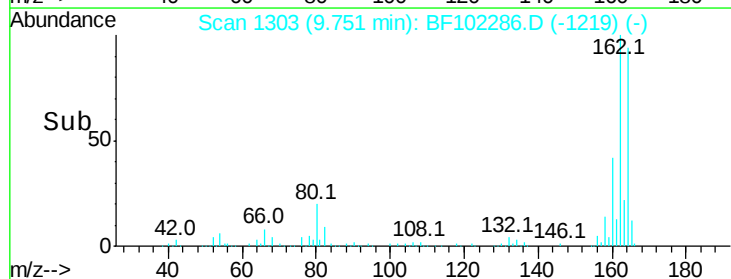
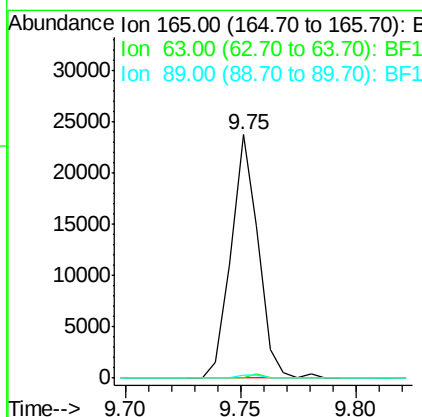
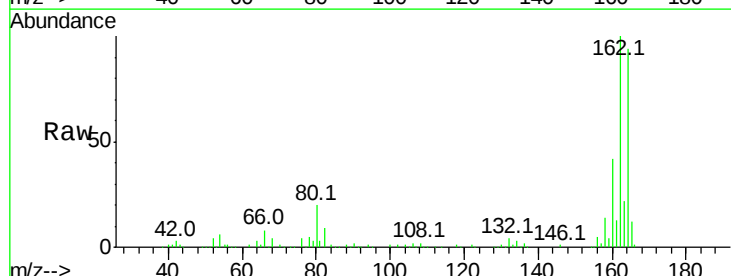
Instrument :
 BNA_F
 ClientSampleId :

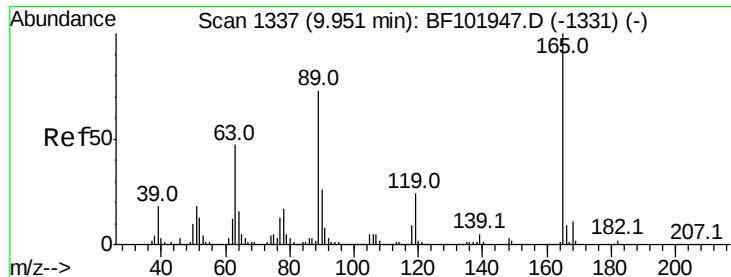
Tot Ion:163 Resp: 56659
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.1 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 7.723 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Tgt Ion:165 Resp: 19314
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.4 44.0 66.0#

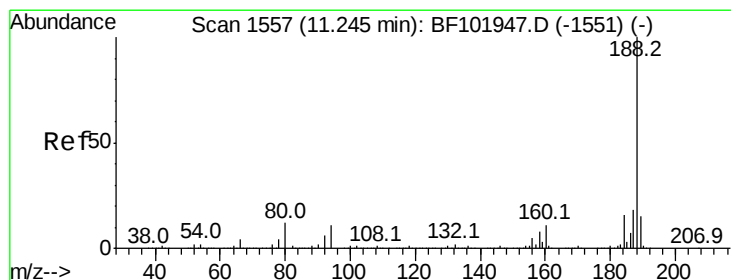
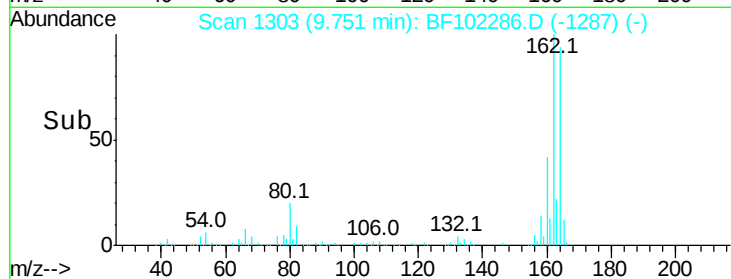
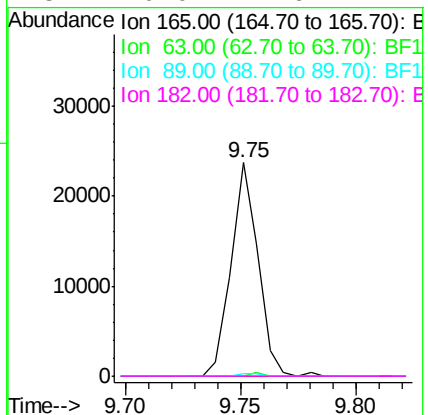
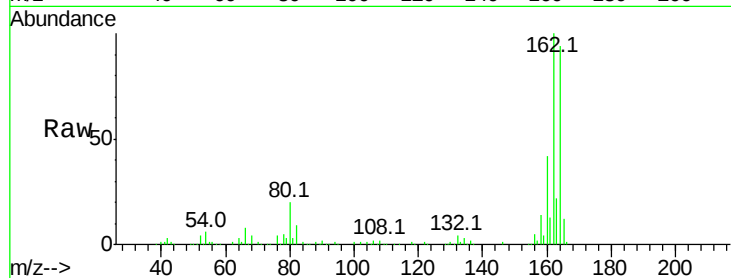




#56
 2,4-Dinitrotoluene
 Concen: 6.162 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

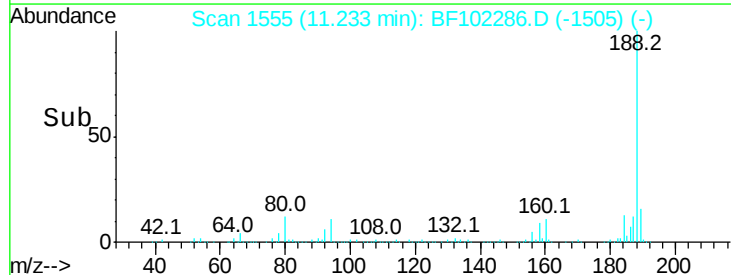
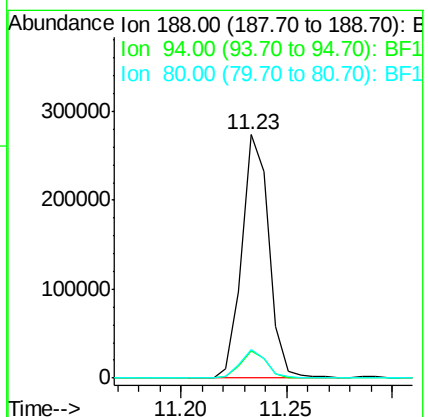
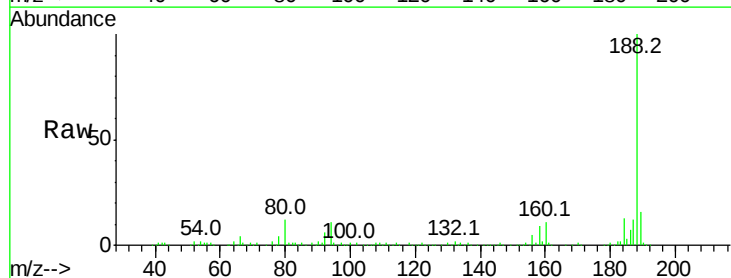
Instrument :
 BNA_F
 ClientSampleId :

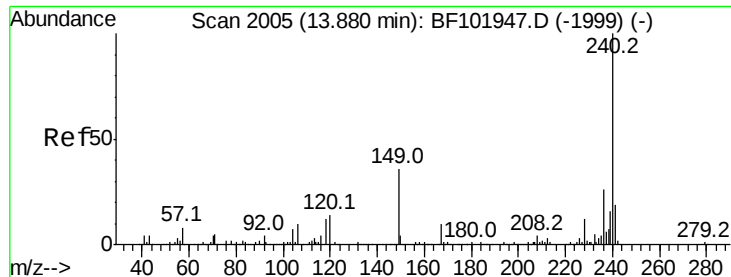
Tot Ion:	165	Resp:	19314
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Tgt Ion:	188	Resp:	242332
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102286.D

Acq: 21 Jan 2018 2:37

Instrument :

BNA_F

ClientSampleId :

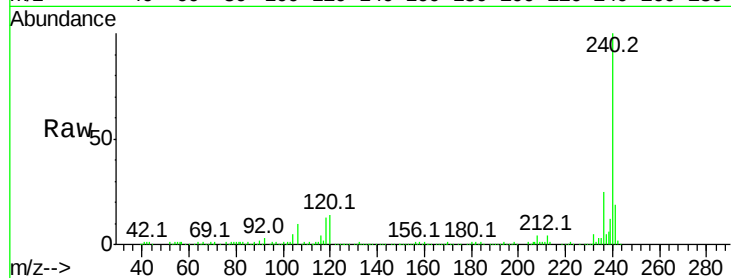
Tot Ion:240 Resp: 280757

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

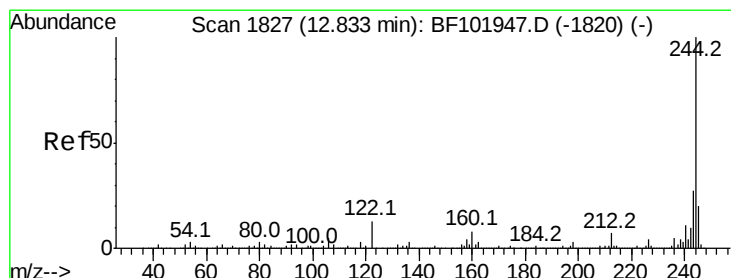
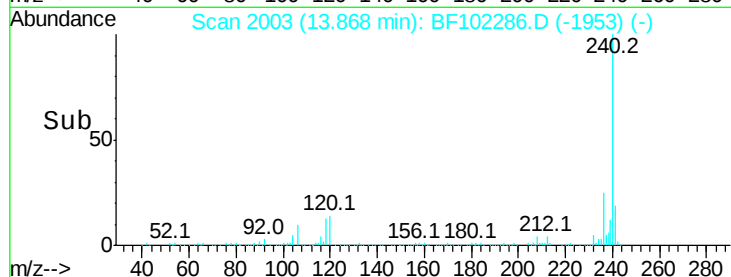
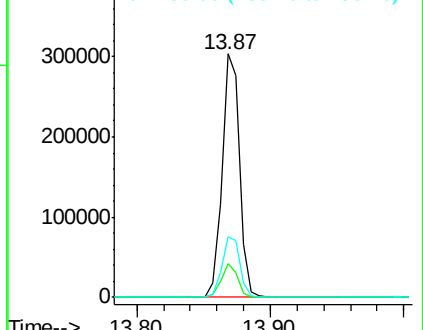
236 24.9 20.7 31.1



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: 44.896 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102286.D

Acq: 21 Jan 2018 2:37

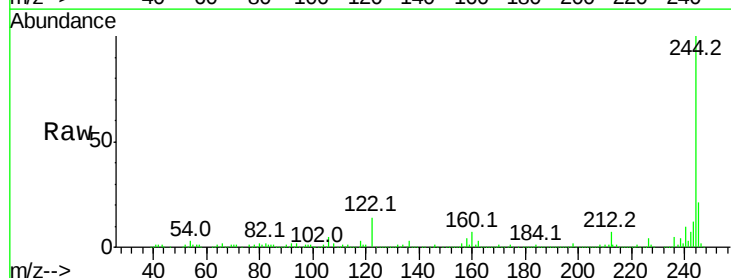
Tgt Ion:244 Resp: 607099

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

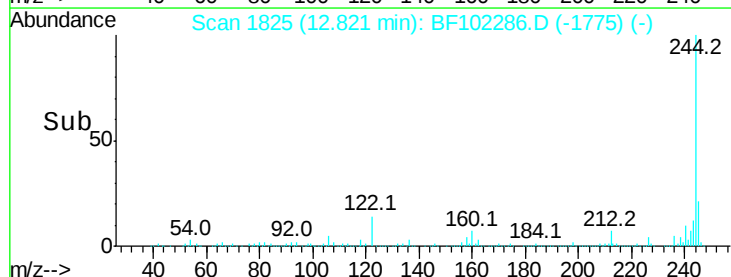
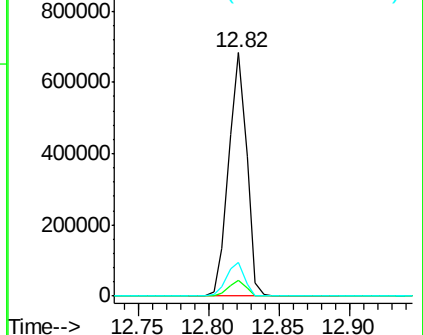
122 13.7 11.0 16.4

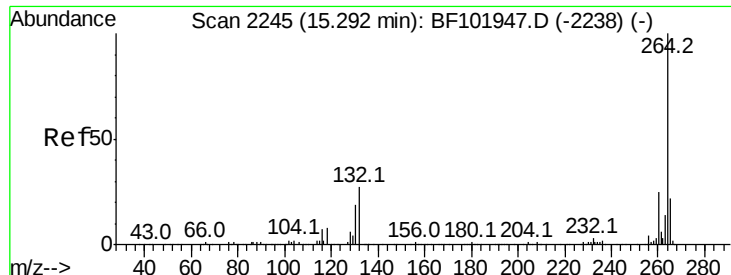


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

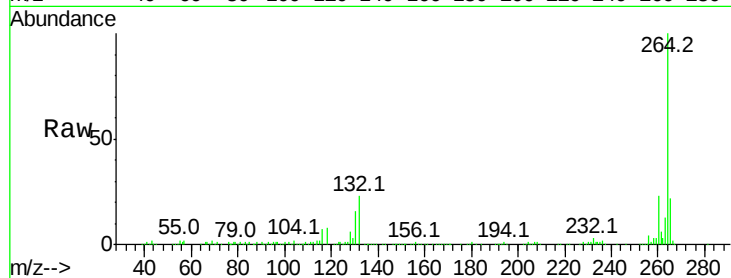




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102286.D
 Acq: 21 Jan 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3



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

