

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102283.D
 Acq On : 21 Jan 2018 1:17
 Operator : SJ/JU
 Sample : J1189-04DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:27:21 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

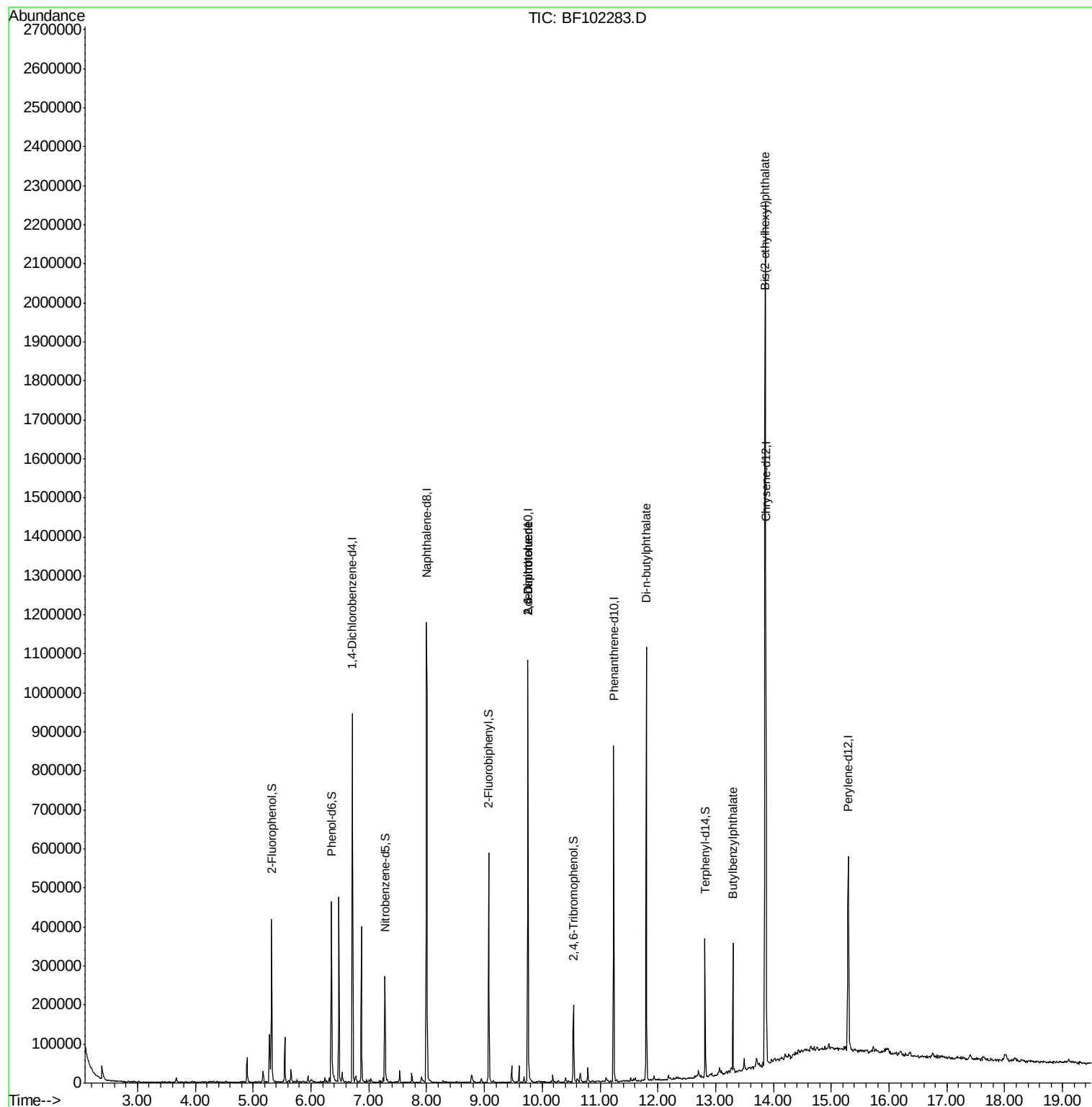
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132074	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	529921	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	209067	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	304512	20.00	ng	0.00
75) Chrysene-d12	13.87	240	236723	20.00	ng	0.00
86) Perylene-d12	15.29	264	200903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	117249	12.54	ng	-0.01
7) Phenol-d6	6.35	99	148463	13.30	ng	-0.02
23) Nitrobenzene-d5	7.28	82	83195	9.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	21164	11.60	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	167195	12.49	ng	-0.01
78) Terphenyl-d14	12.82	244	107075	9.39	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	26242	7.833	ng	# 24
56) 2,4-Dinitrotoluene	9.75	165	26242	6.250	ng	# 21
73) Di-n-butylphthalate	11.80	149	542875	24.955	ng	98
79) Butylbenzylphthalate	13.30	149	74602	7.769	ng	92
83) Bis(2-ethylhexyl)phthalate	13.86	149	584627	53.070	ng	98

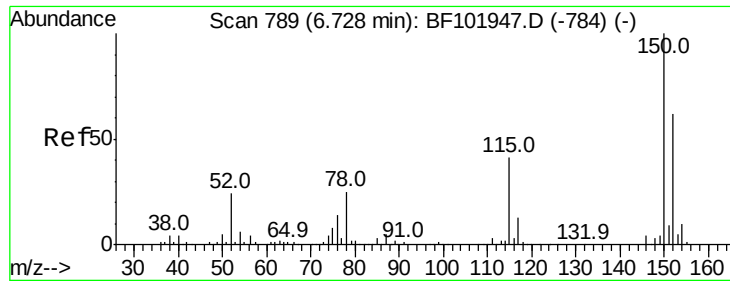
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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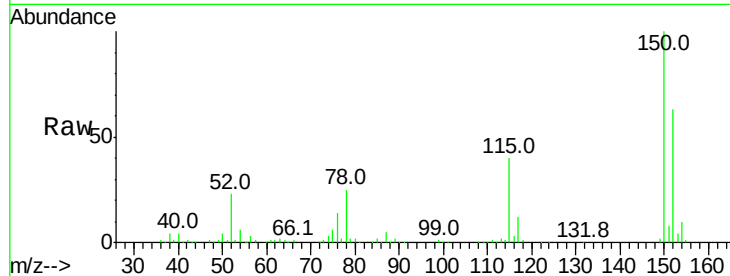


#1

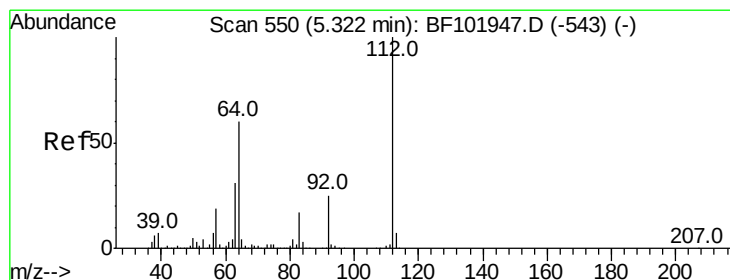
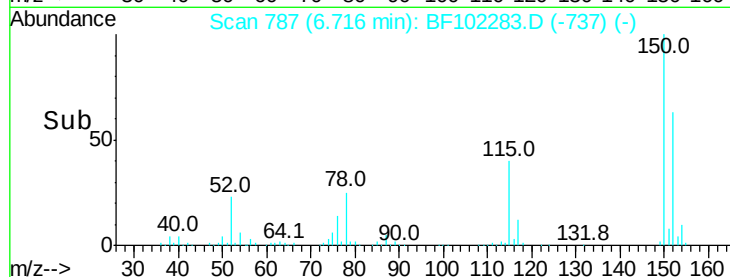
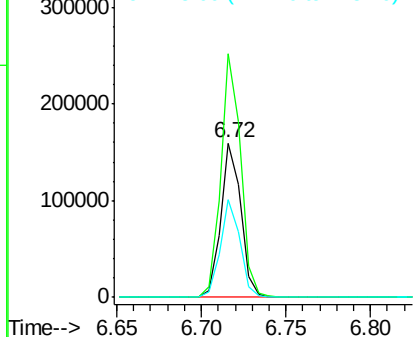
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102283.D
Acq: 21 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132074
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.0 50.1 75.1



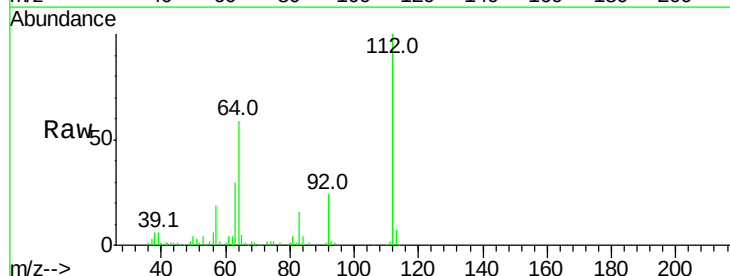
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



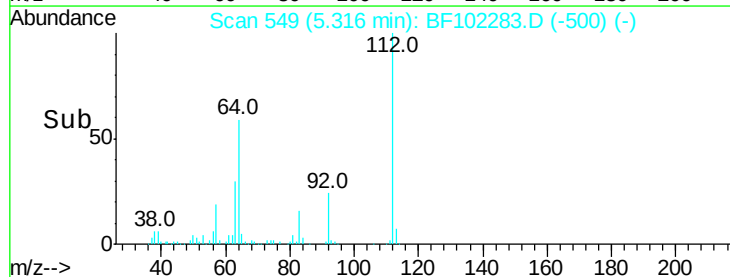
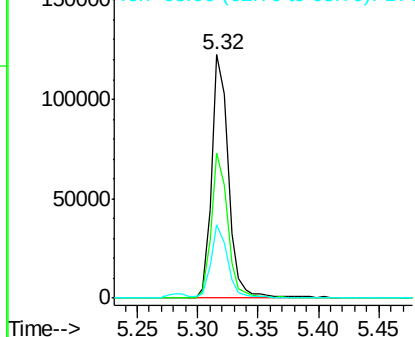
#5

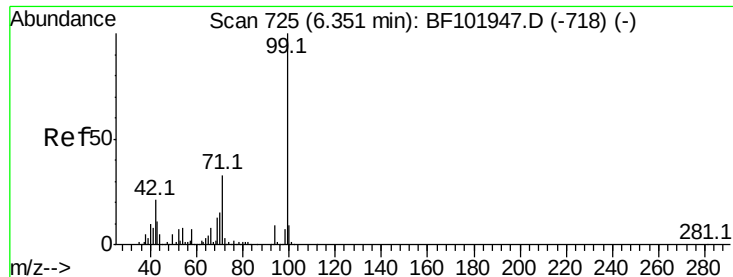
2-Fluorophenol
Concen: 12.536 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102283.D
Acq: 21 Jan 2018 1:17

Tgt Ion:112 Resp: 117249
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.2 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: 13.304 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

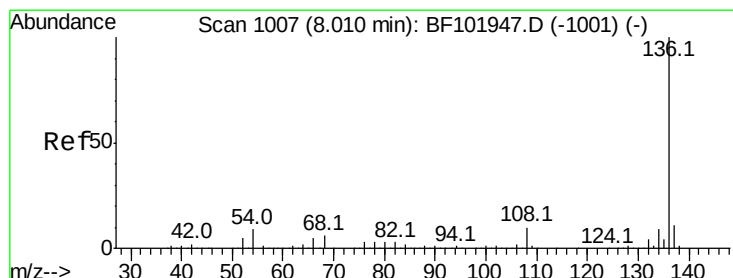
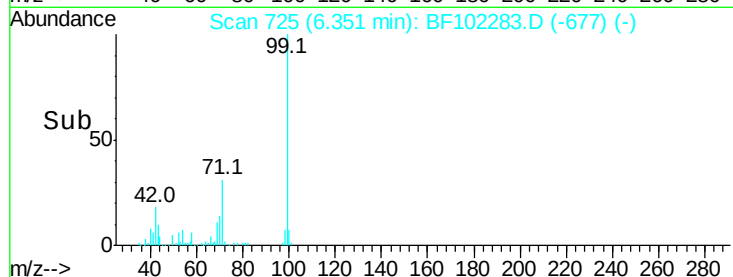
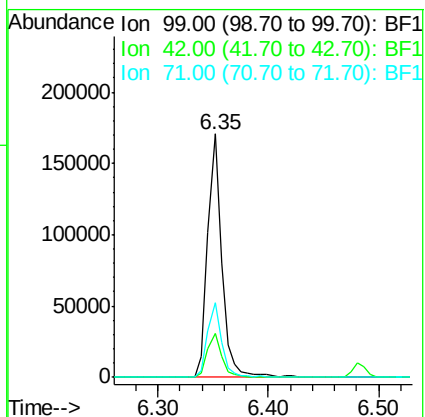
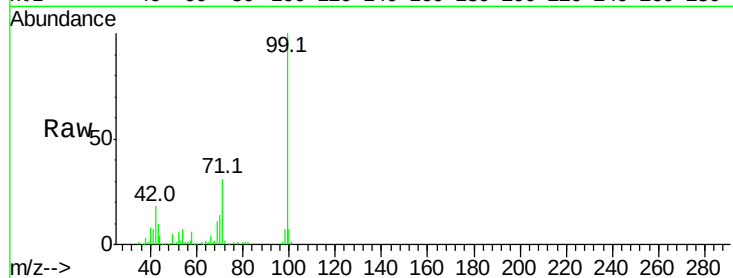
Tot Ion: 99 Resp: 148463

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 30.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

Tgt Ion: 136 Resp: 529921

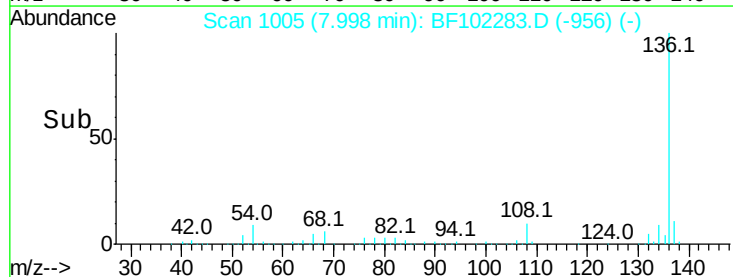
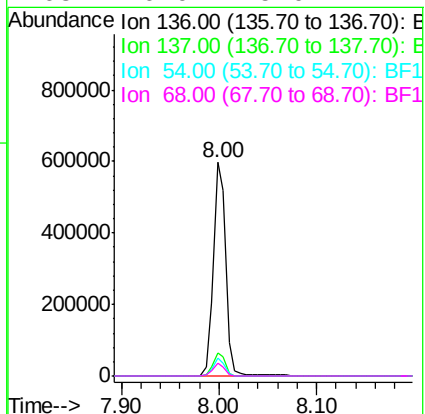
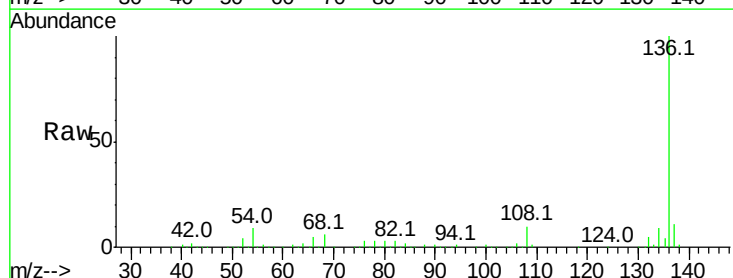
Ion Ratio Lower Upper

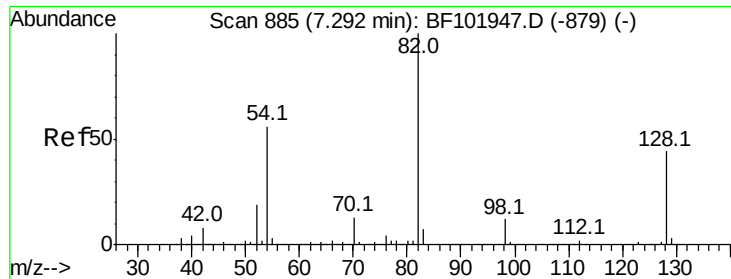
136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 6.0 5.0 7.4

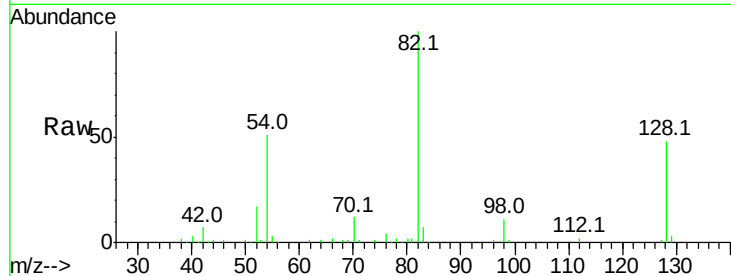




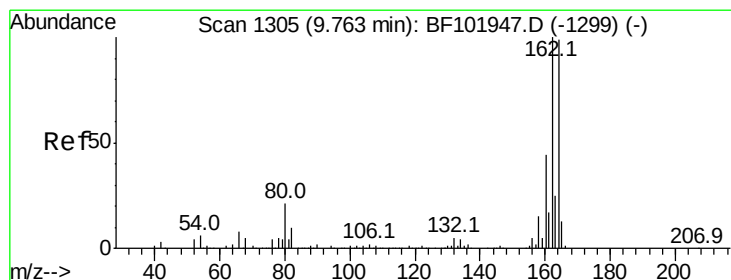
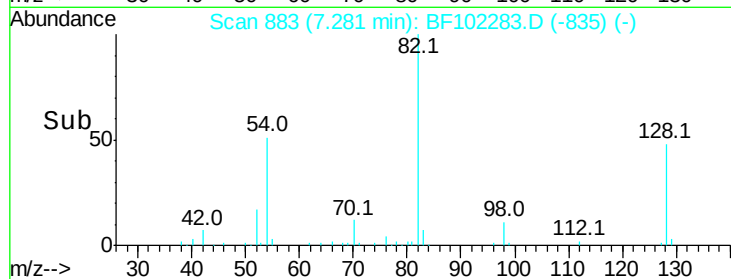
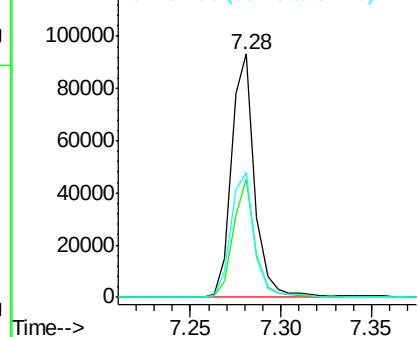
#23
 Nitrobenzene-d5
 Concen: 9.226 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	83195
Ion Ratio	100	Lower	Upper
128	48.4	36.1	54.1
54	51.1	41.4	62.2

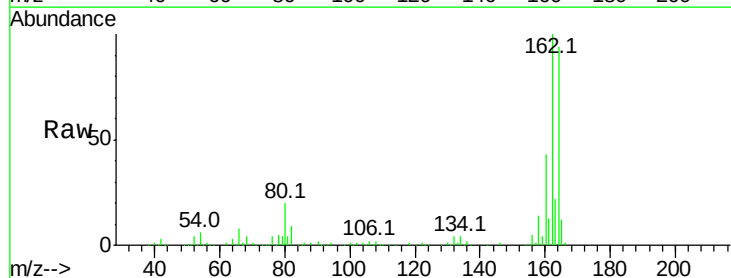


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

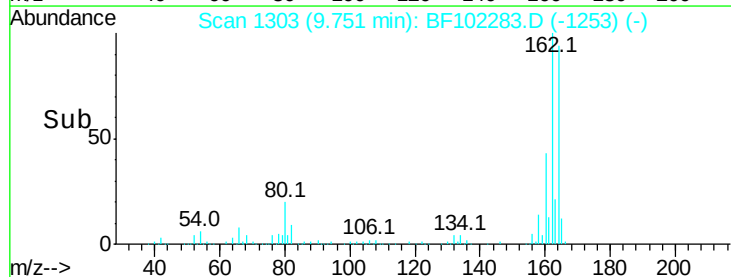
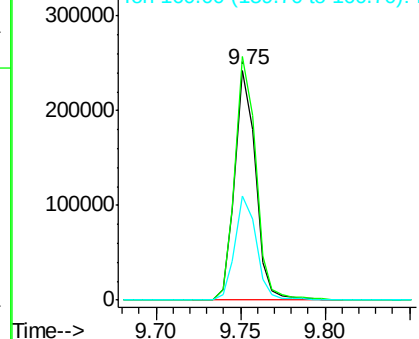


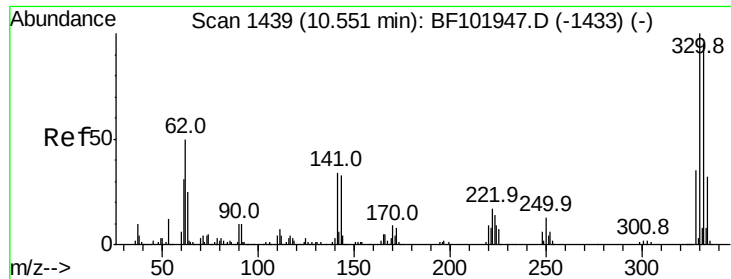
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Tgt Ion	164	Resp	209067
Ion Ratio	100	Lower	Upper
162	105.9	86.1	129.1
160	45.1	38.3	57.5



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

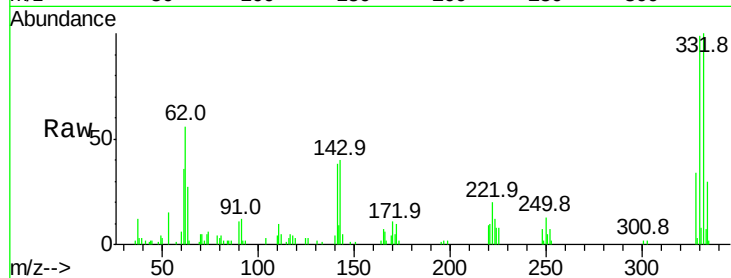




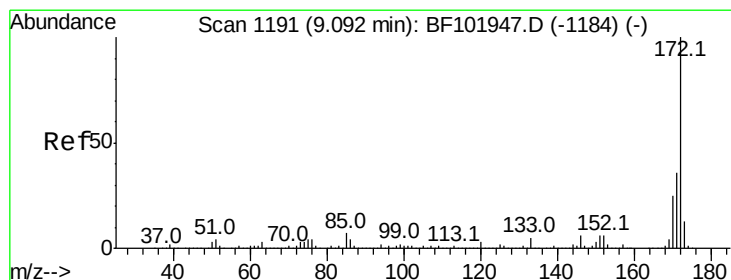
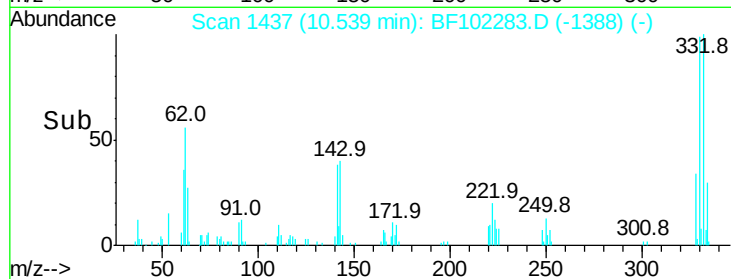
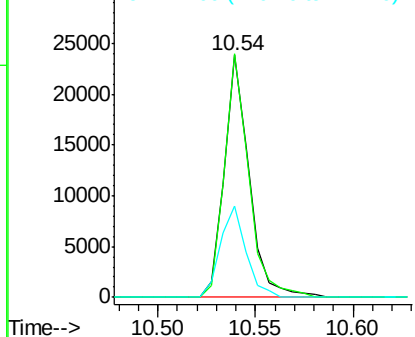
#41
 2,4,6-Tribromophenol
 Concen: 11.600 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 21164
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 38.8 29.9 44.9

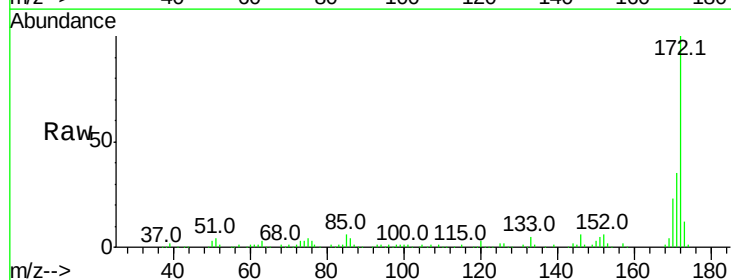


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

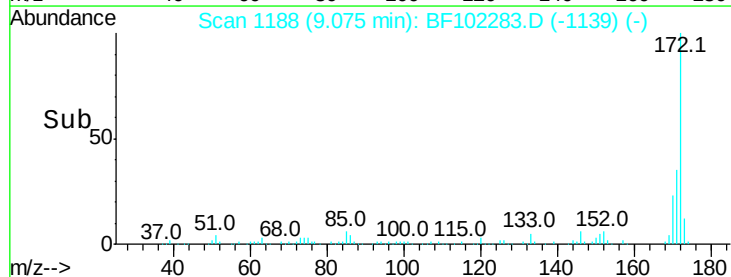
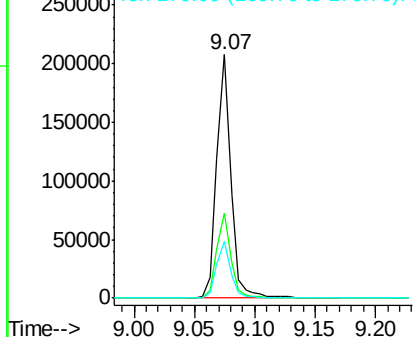


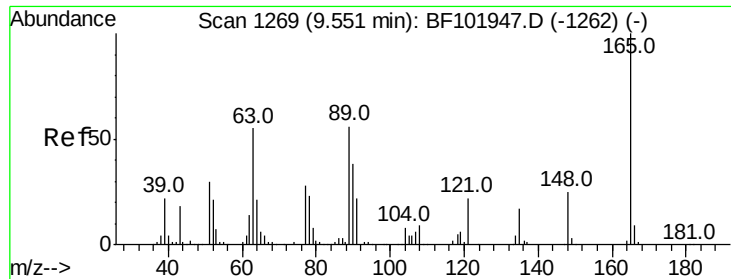
#44
 2-Fluorobiphenyl
 Concen: 12.494 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Tgt Ion:172 Resp: 167195
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.3 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

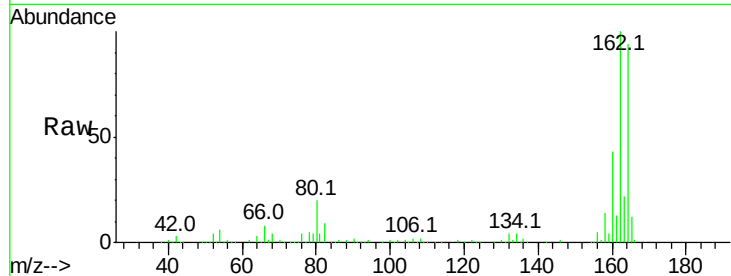




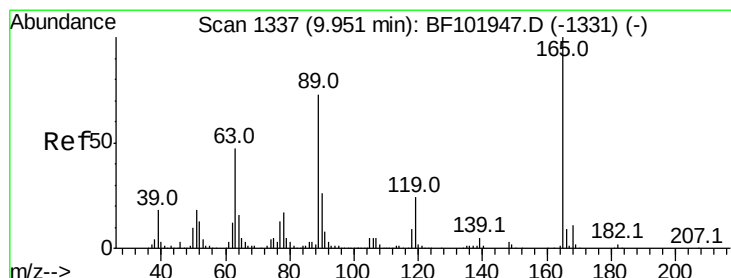
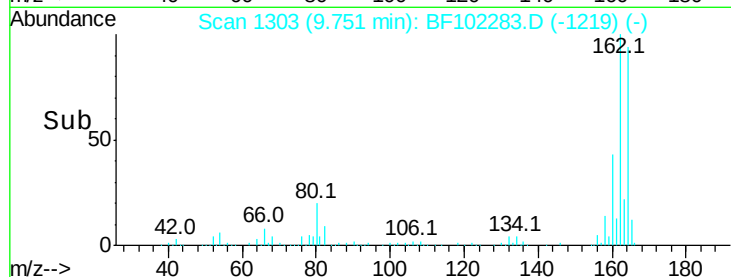
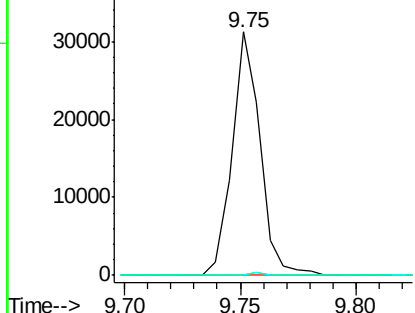
#50
 2,6-Dinitrotoluene
 Concen: 7.833 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



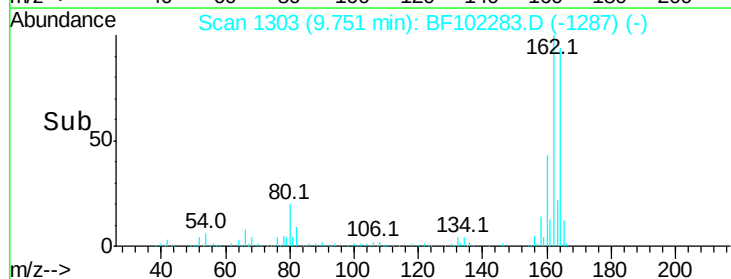
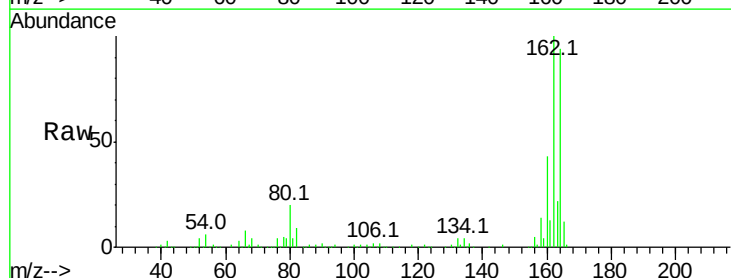
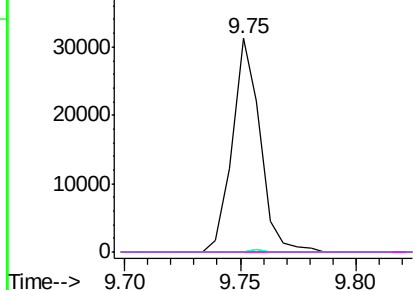
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

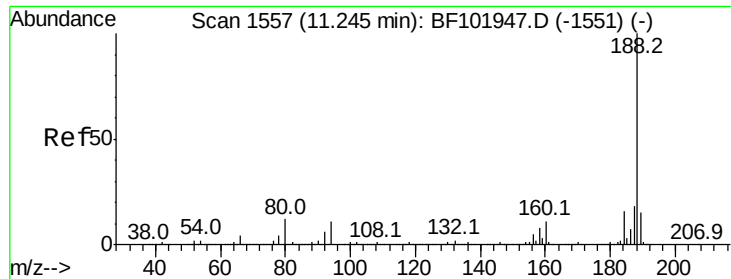


#56
 2,4-Dinitrotoluene
 Concen: 6.250 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

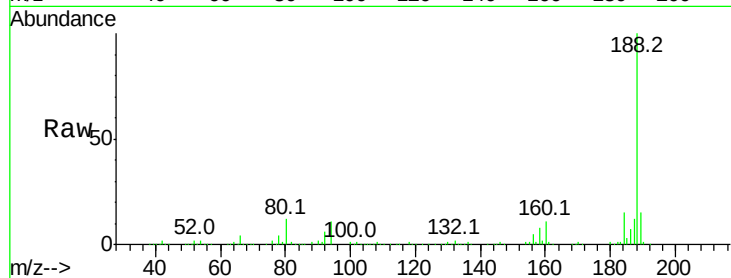
Tot Ion:188 Resp: 304512

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

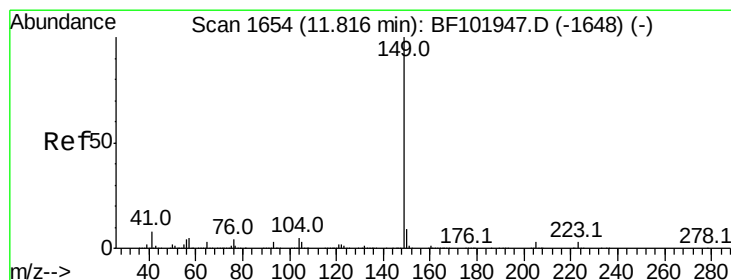
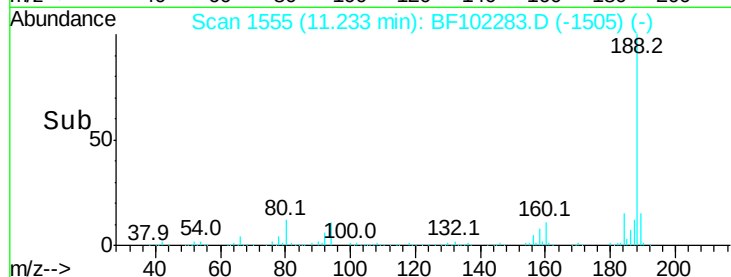
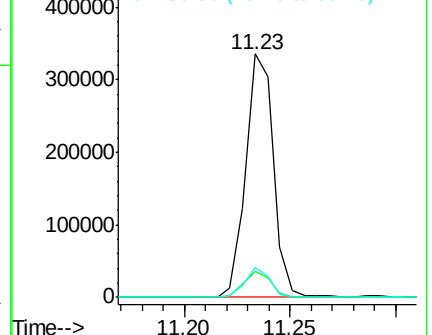
80 12.1 9.2 13.8



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



#73

Di-n-butylphthalate

Concen: 24.955 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

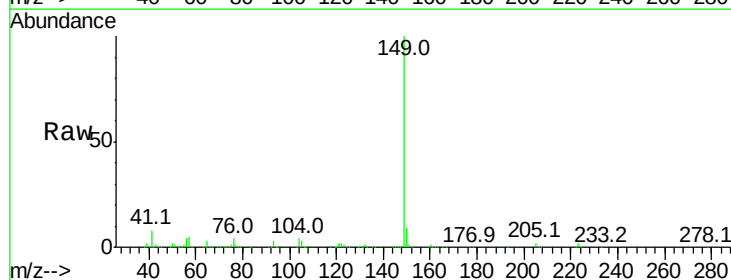
Tgt Ion:149 Resp: 542875

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

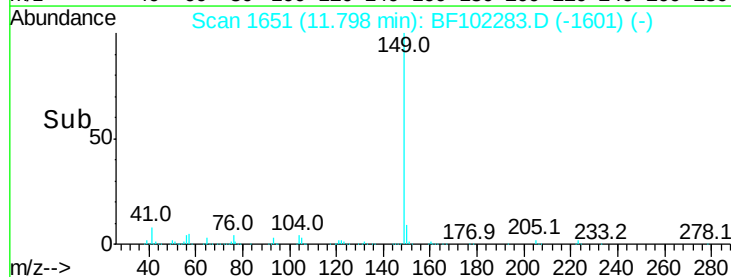
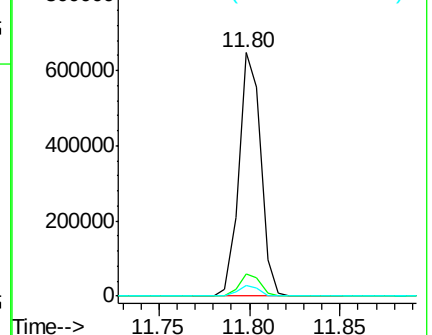
104 4.4 3.8 5.8

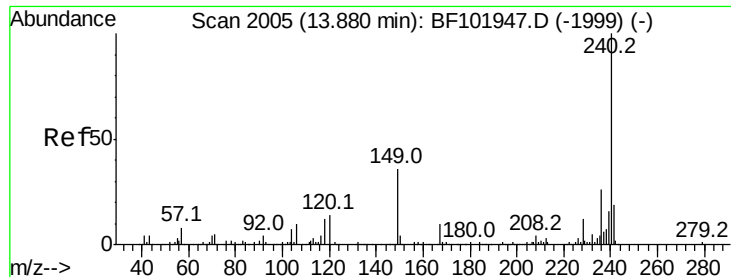


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

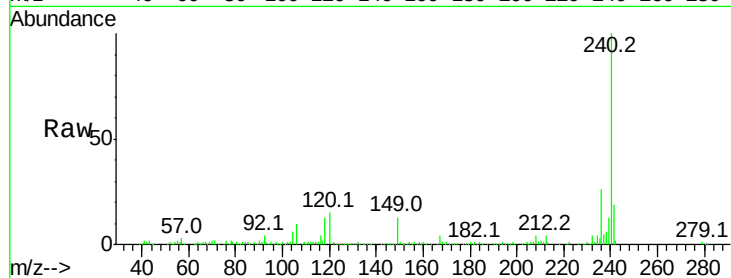
Tot Ion:240 Resp: 236723

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

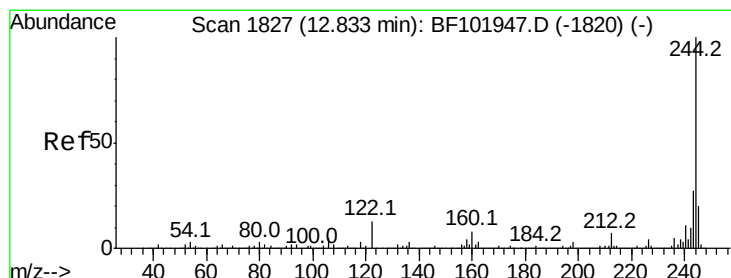
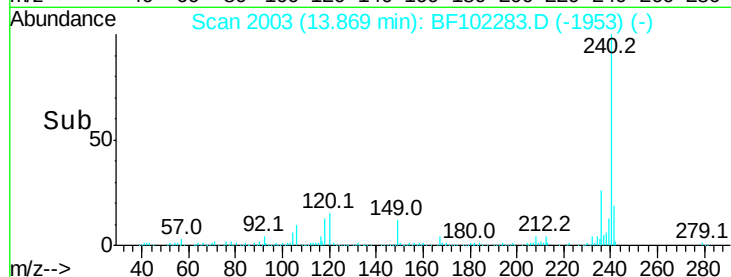
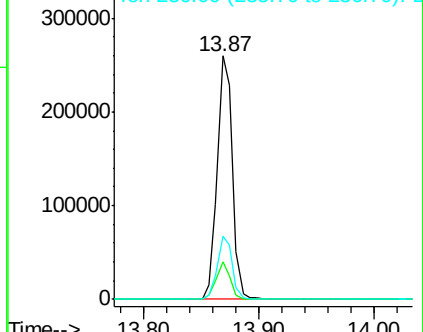
236 26.1 20.7 31.1



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: 9.391 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102283.D

Acq: 21 Jan 2018 1:17

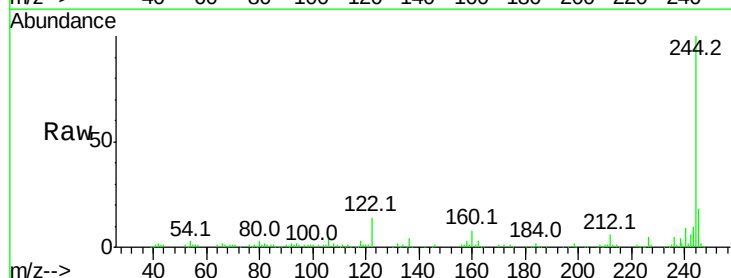
Tgt Ion:244 Resp: 107075

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

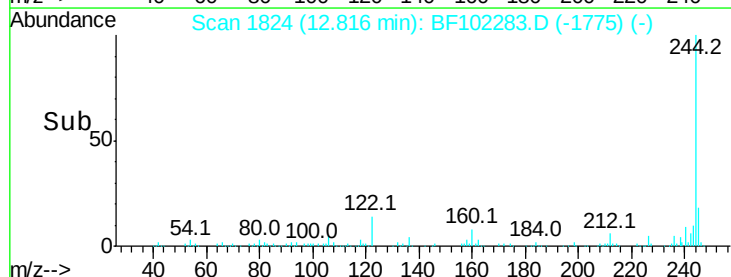
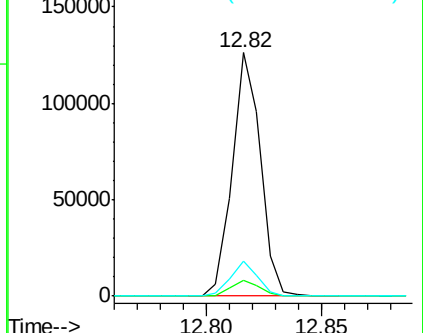
122 14.2 11.0 16.4

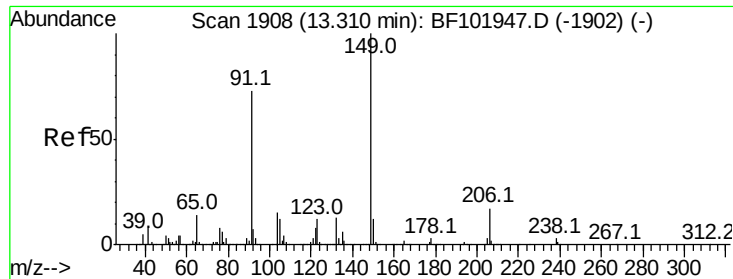


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

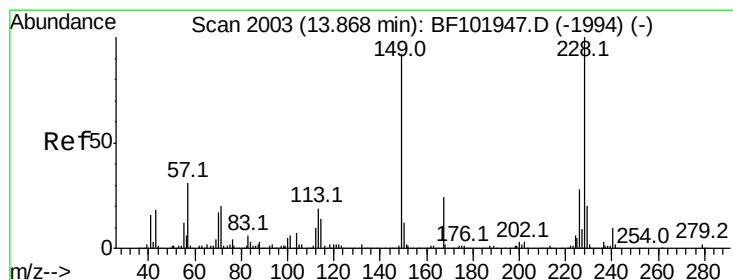
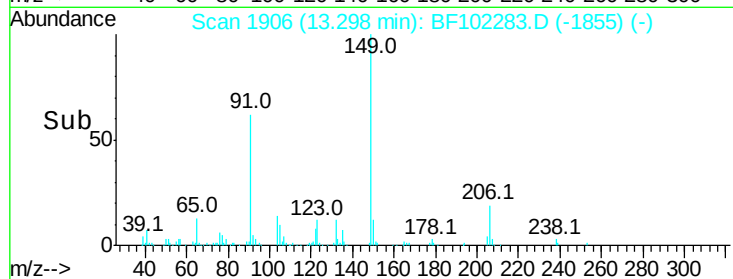
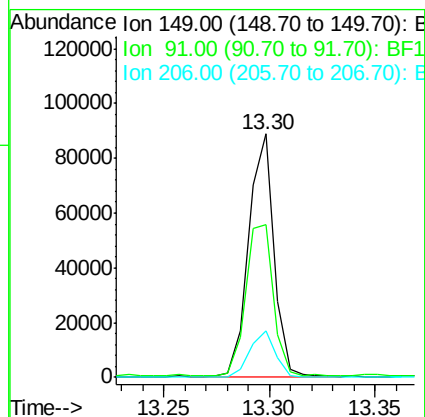
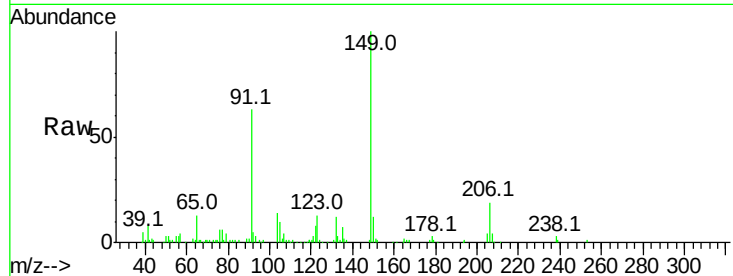




#79
 Butylbenzylphthalate
 Concen: 7.769 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

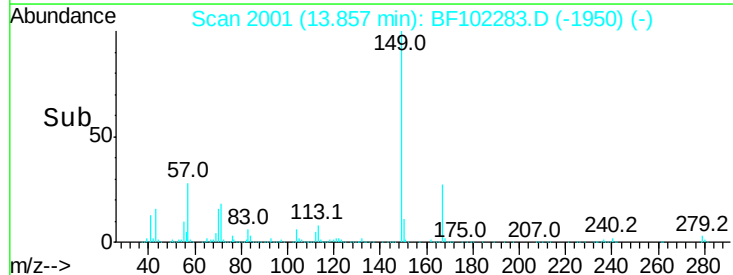
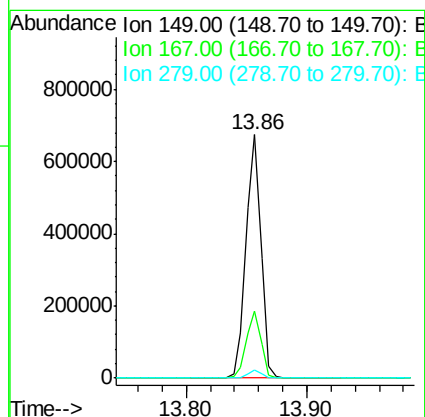
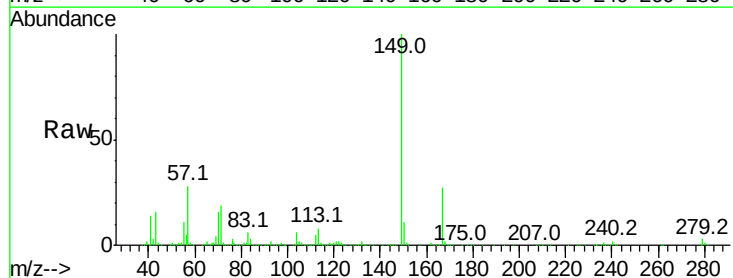
Instrument :
 BNA_F
 ClientSampled :

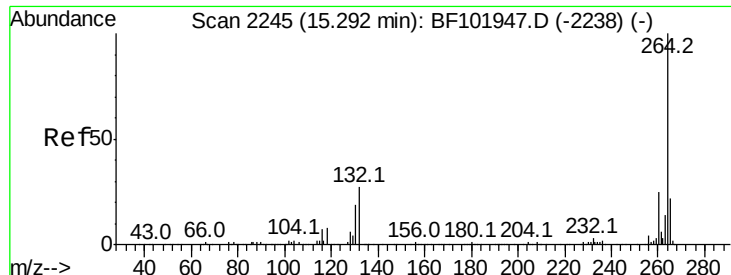
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.9	56.8	85.2
206	19.0	14.1	21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.070 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102283.D
 Acq: 21 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.2	3.0	4.4

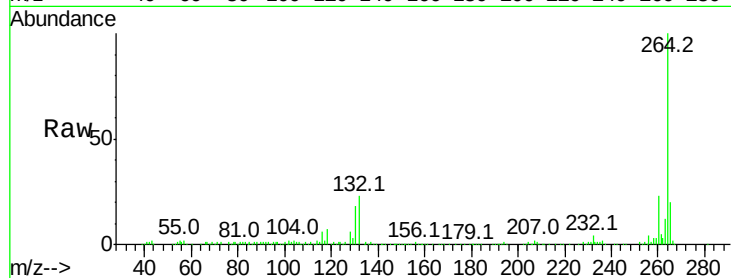




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102283.D
Acq: 21 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.4	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

