

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102282.D
 Acq On : 21 Jan 2018 00:50
 Operator : SJ/JU
 Sample : J1189-06DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-2DL

Quant Time: Jan 22 04:06:46 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

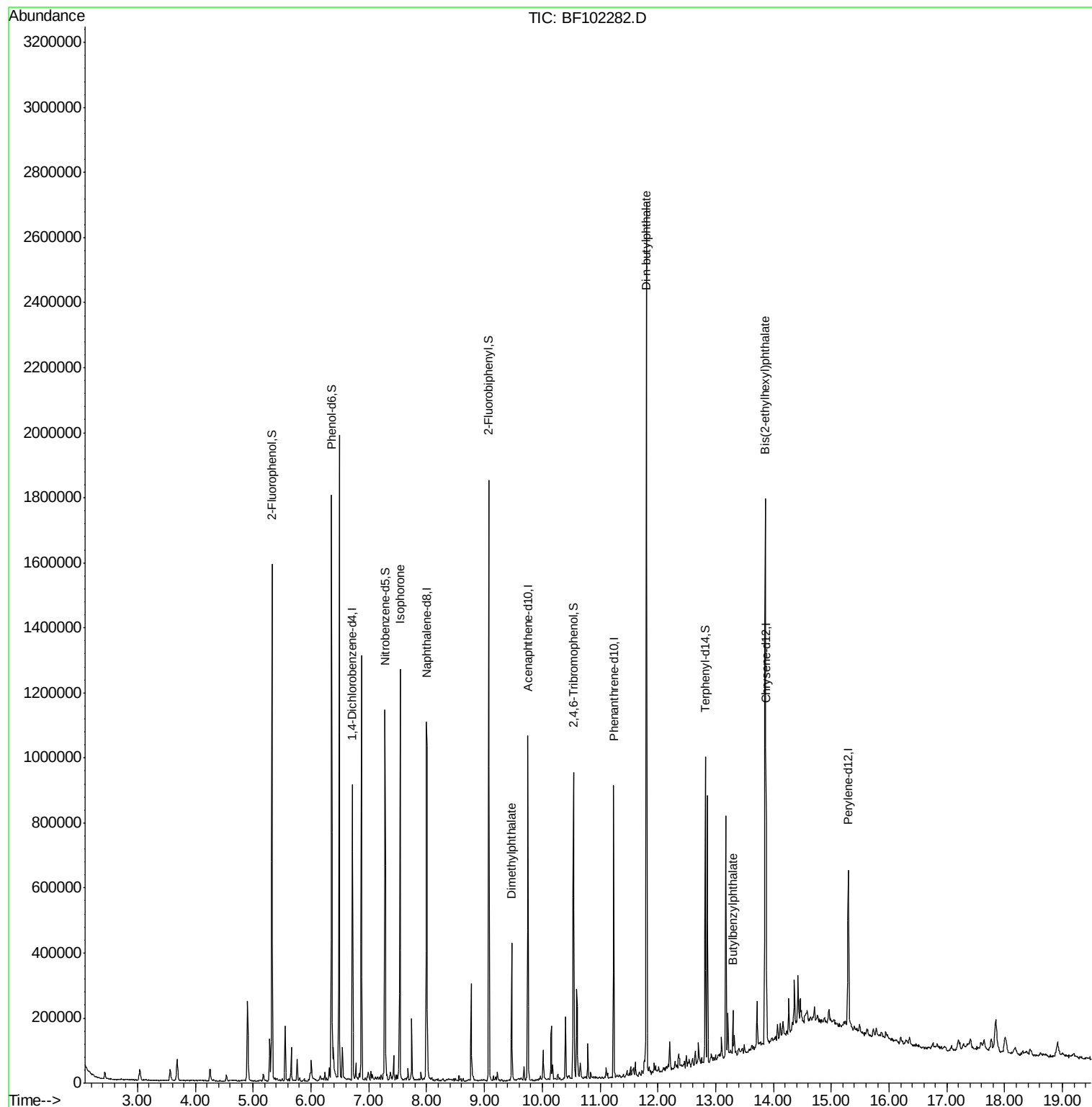
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130053	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	516907	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	209612	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	299406	20.00	ng	0.00
75) Chrysene-d12	13.87	240	245816	20.00	ng	0.00
86) Perylene-d12	15.29	264	200954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	470326	51.07	ng	0.00
7) Phenol-d6	6.36	99	560809	51.04	ng	-0.01
23) Nitrobenzene-d5	7.28	82	332869	37.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	97411	53.25	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	504295	37.59	ng	-0.01
78) Terphenyl-d14	12.82	244	317607	26.83	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	442803	25.48	ng	98
49) Dimethylphthalate	9.47	163	177172	10.54	ng	99
73) Di-n-butylphthalate	11.80	149	1355596	63.38	ng	100
79) Butylbenzylphthalate	13.30	149	31738	3.18	ng	90
83) Bis(2-ethylhexyl)phthalate	13.86	149	432248	37.79	ng	99

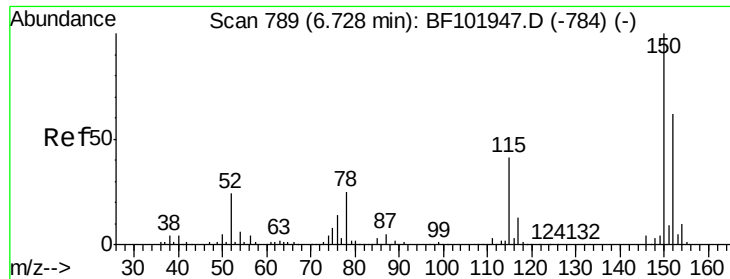
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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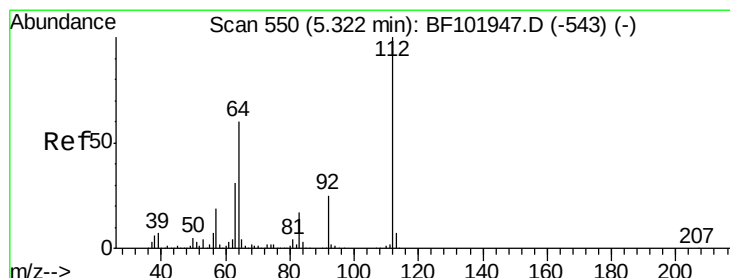
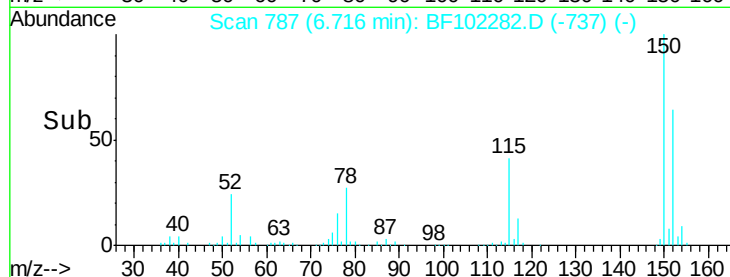
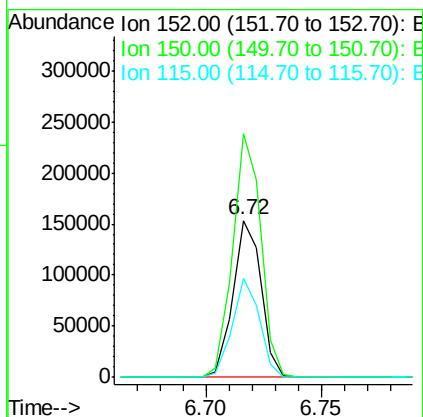
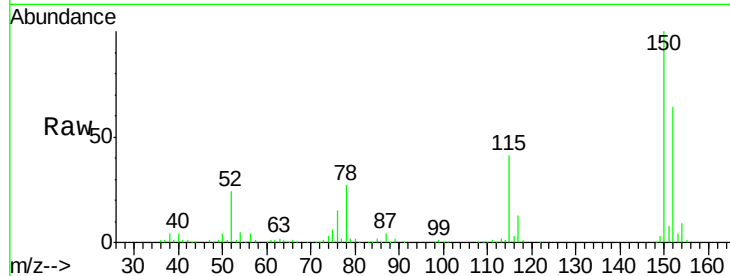


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
4-2DL

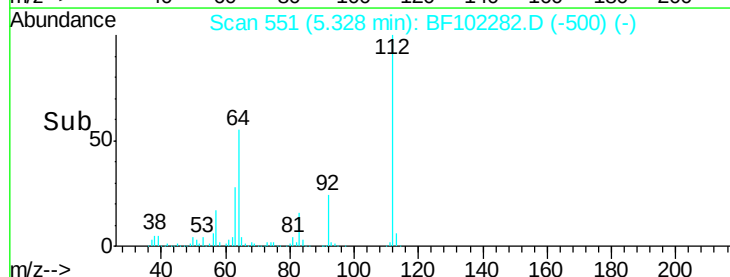
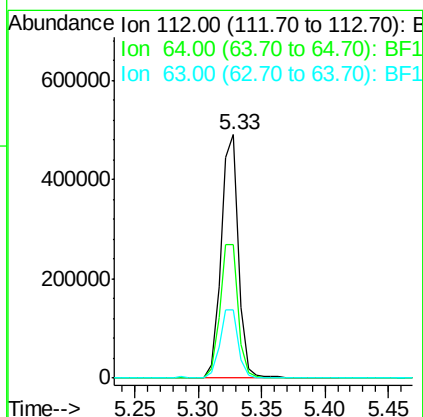
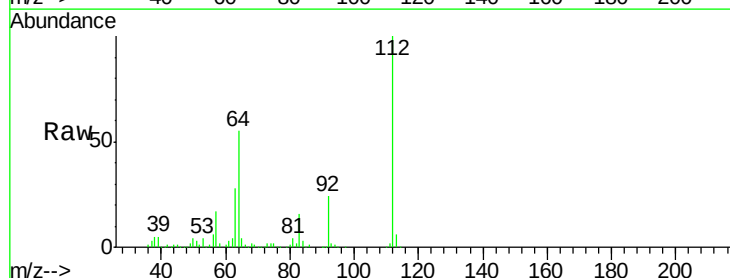
Tot Ion:152 Resp: 130053
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.1 50.1 75.1

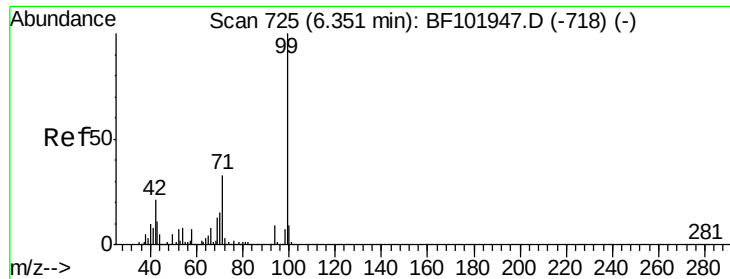


#5

2-Fluorophenol
Concen: 51.07 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:112 Resp: 470326
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 51.04 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

4-2DL

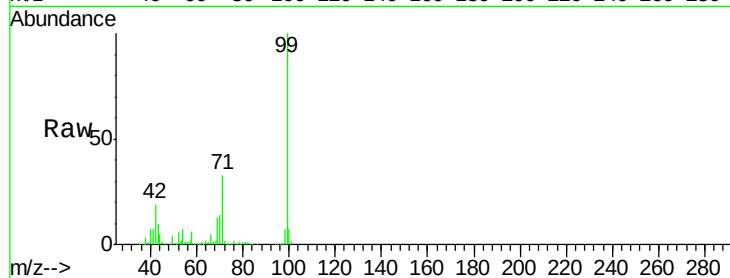
Tot Ion: 99 Resp: 560809

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

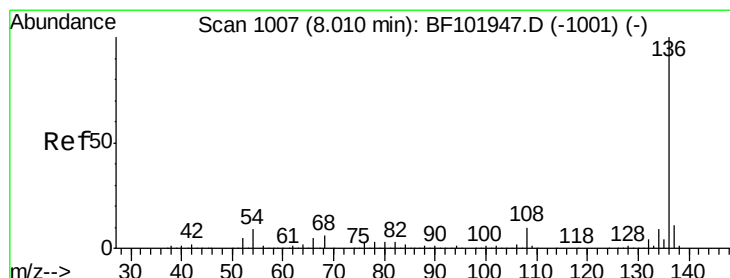
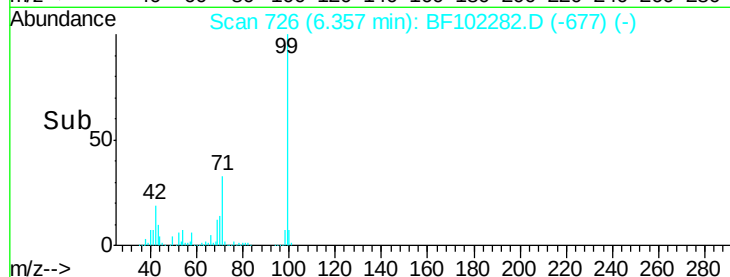
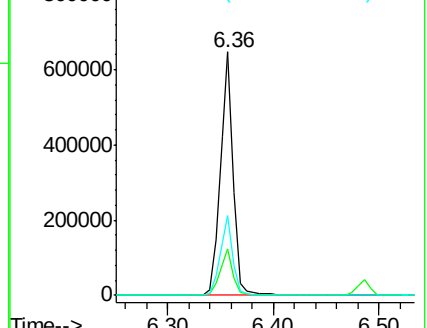
71 32.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Tgt Ion: 136 Resp: 516907

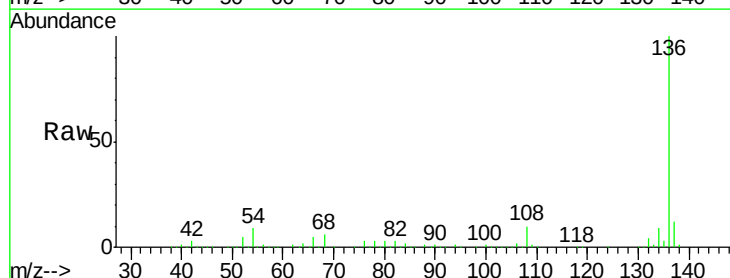
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.6 6.6 9.8

68 5.5 5.0 7.4

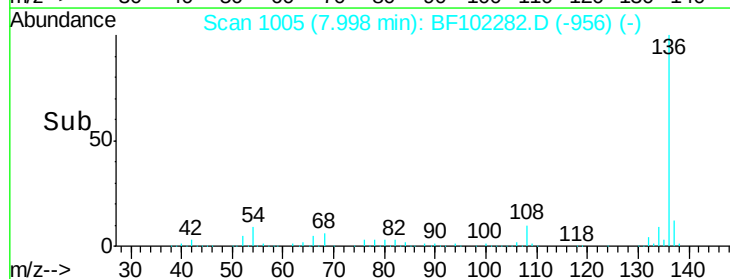
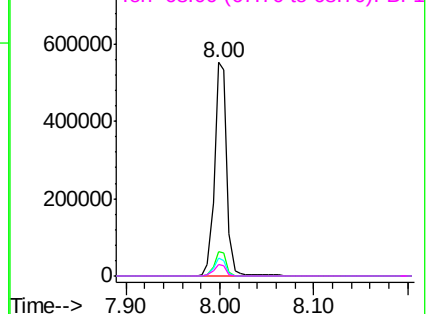


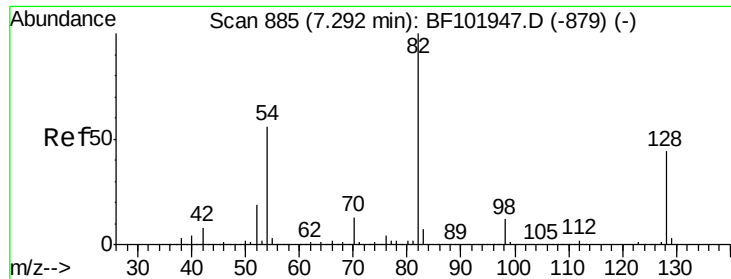
Abundance Ion 136.00 (135.70 to 136.70): E

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

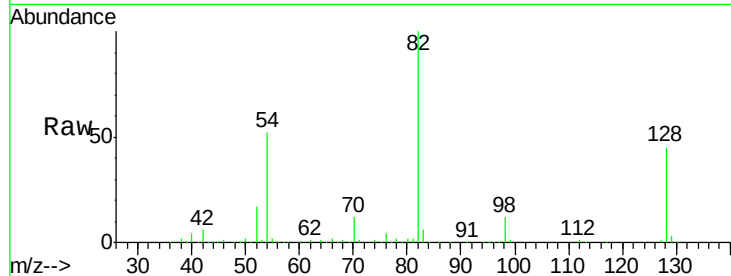




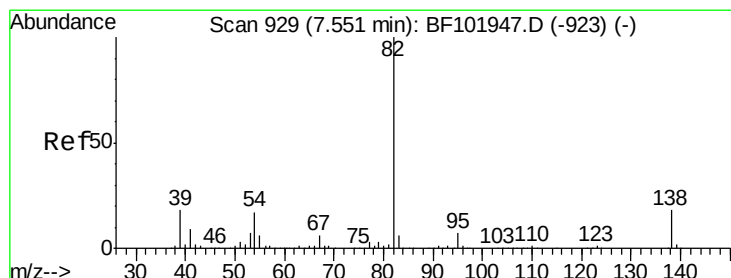
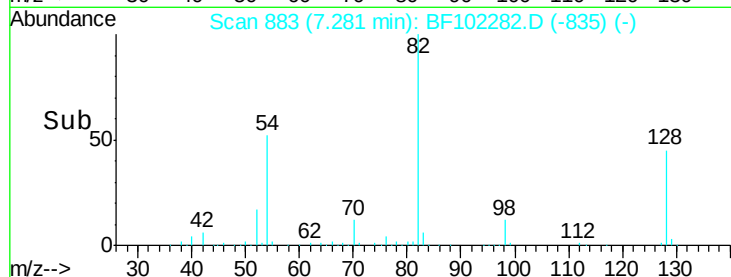
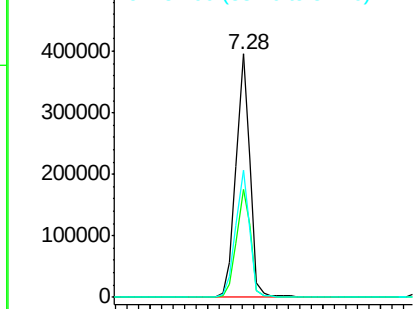
#23
 Nitrobenzene-d5
 Concen: 37.84 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

Instrument :
 BNA_F
 ClientSampleID :
 4-2DL

Tot Ion: 82 Resp: 332869
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 52.4 41.4 62.2

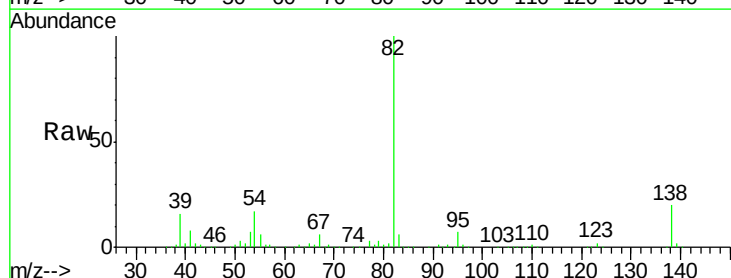


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

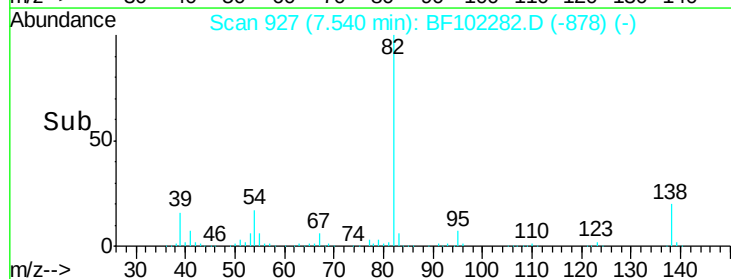
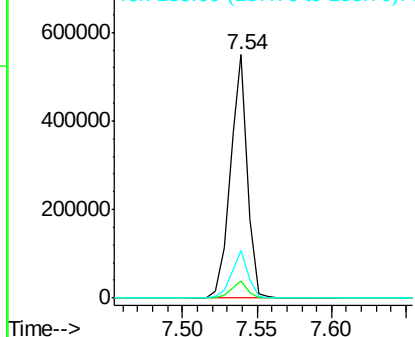


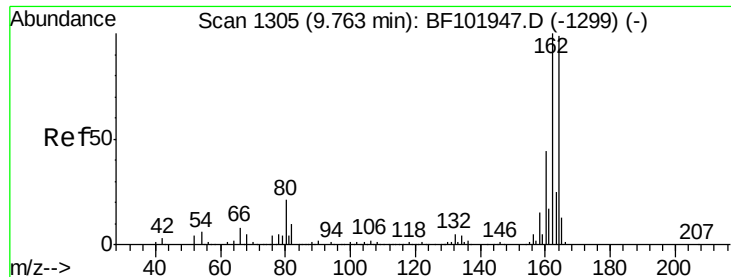
#25
 Isophorone
 Concen: 25.48 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

Tgt Ion: 82 Resp: 442803
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.2 7.8
 138 19.9 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

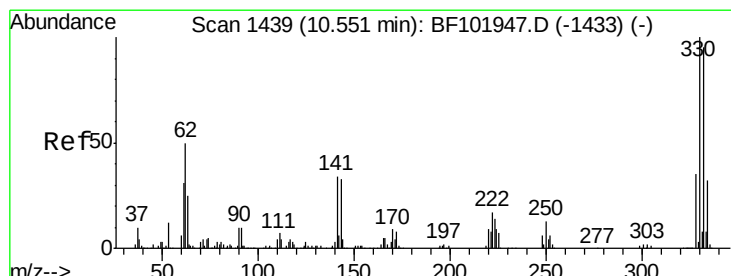
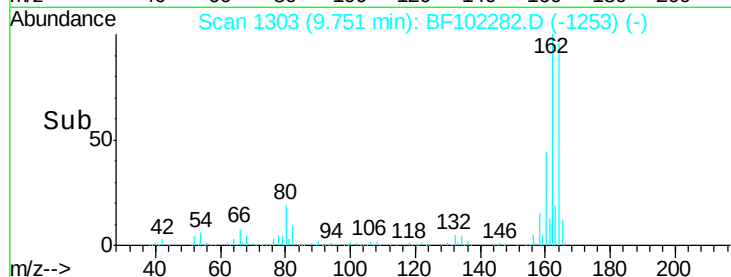
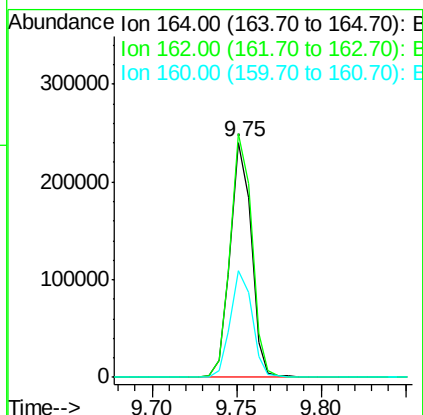
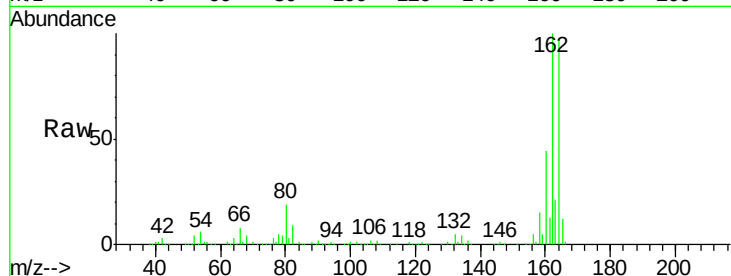




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

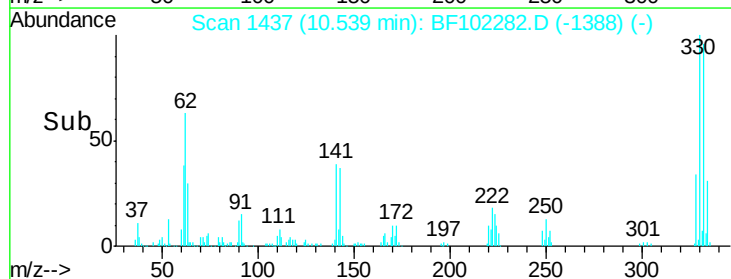
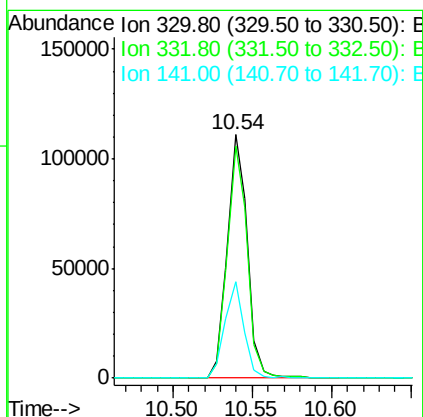
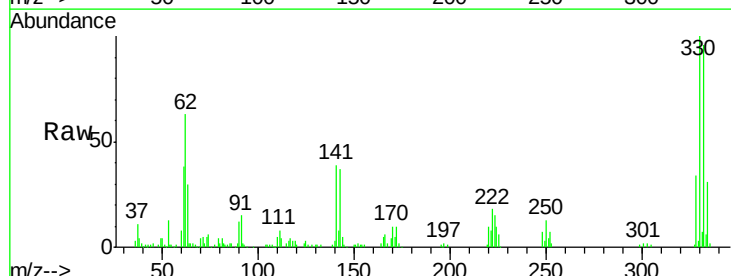
Instrument :
 BNA_F
 ClientSampleId :
 4-2DL

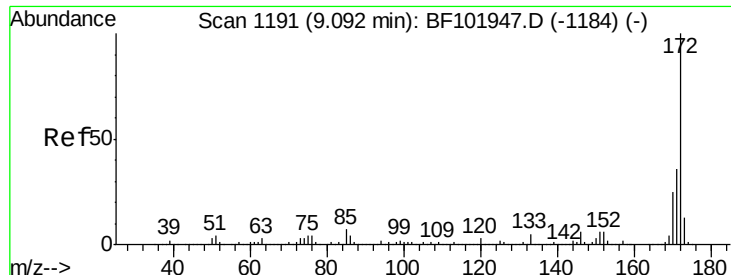
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 53.25 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102282.D
 Acq: 21 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	38.0	29.9	44.9

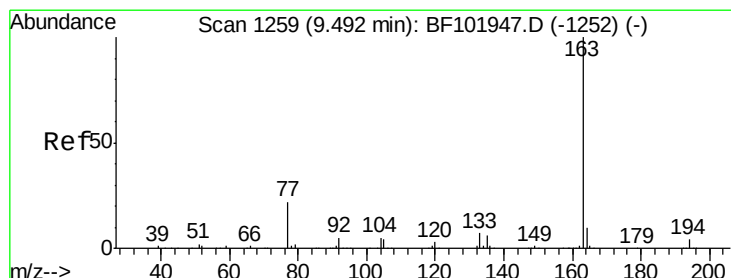
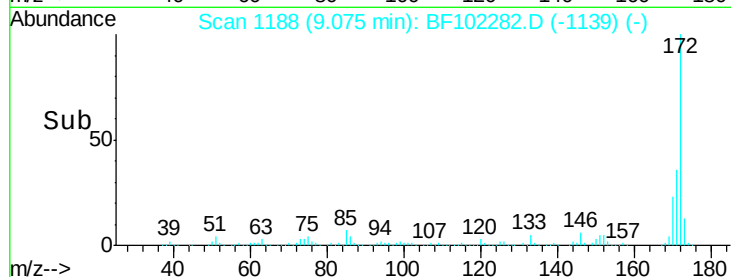
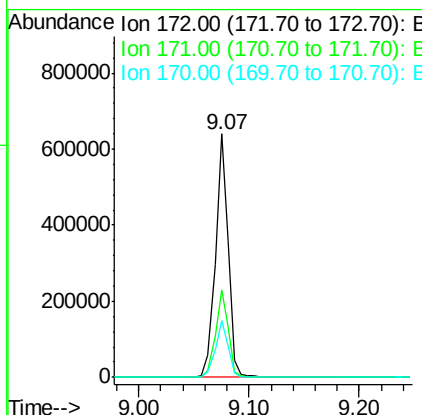
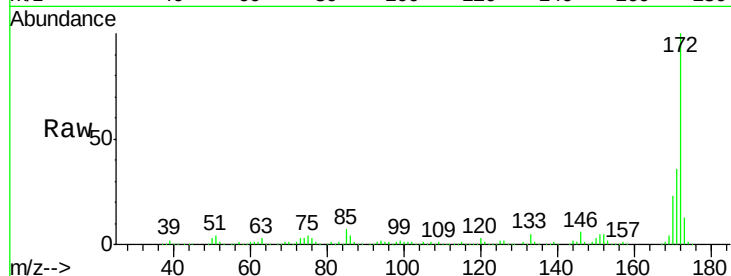




#44
2-Fluorobiphenyl
Concen: 37.59 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

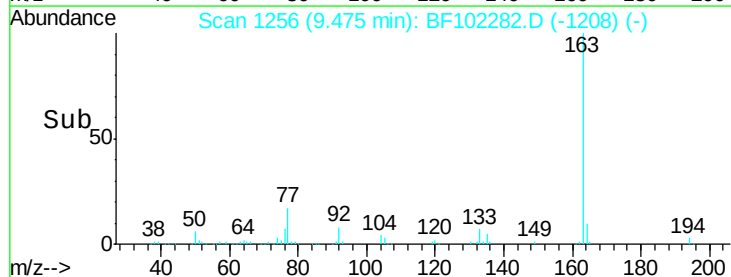
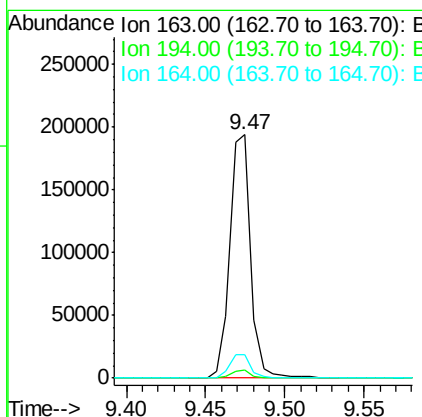
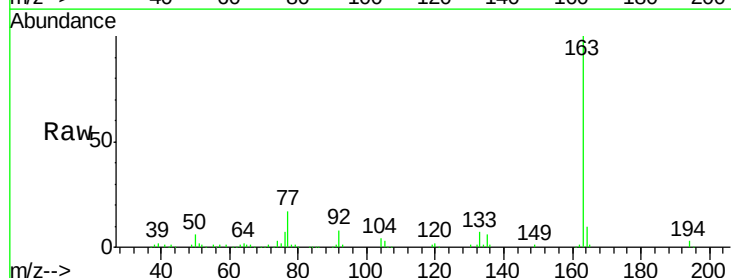
Instrument :
BNA_F
ClientSampleId :
4-2DL

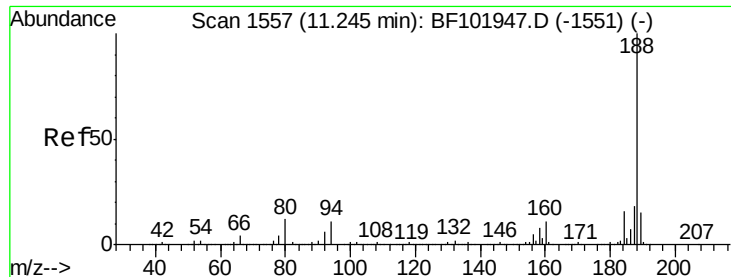
Tot Ion:172 Resp: 504295
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:163 Resp: 177172
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.6 8.2 12.2

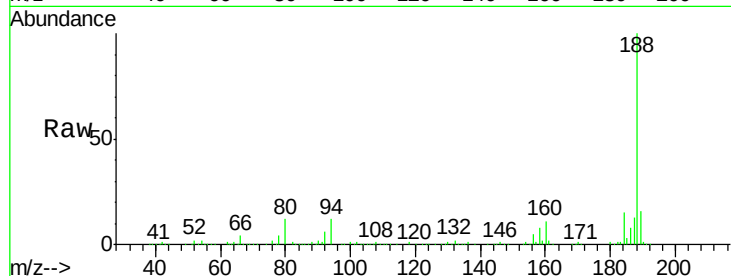




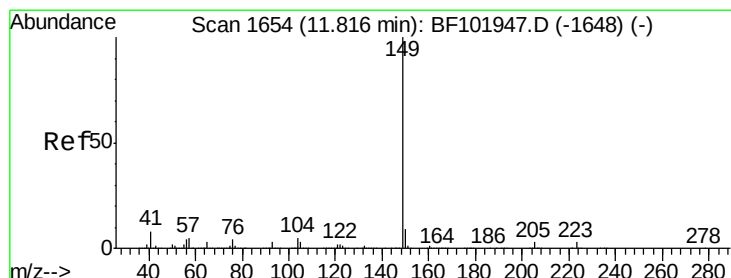
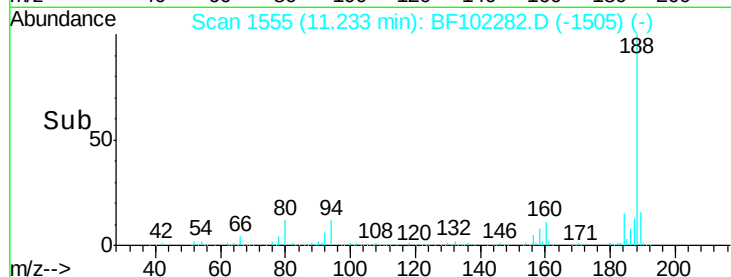
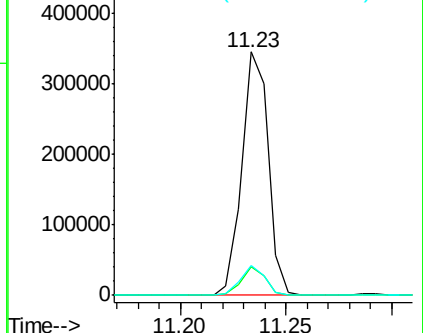
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
4-2DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.4	9.2	13.8

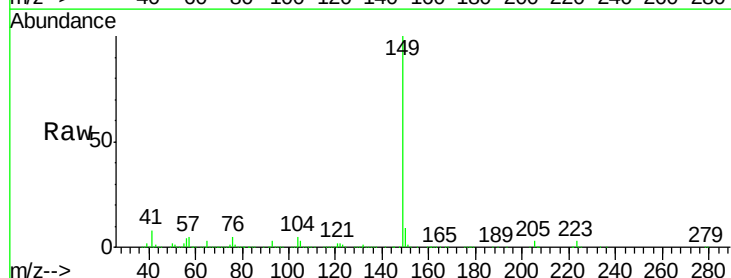


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

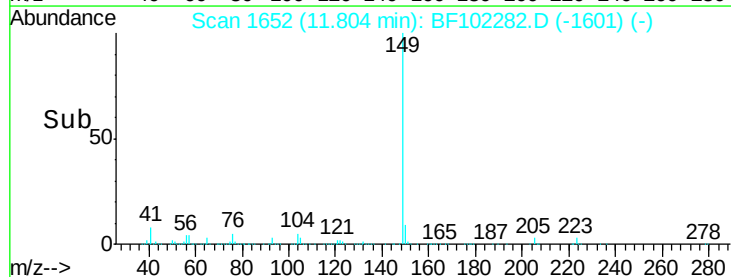
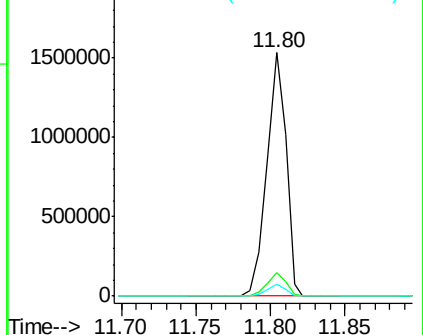


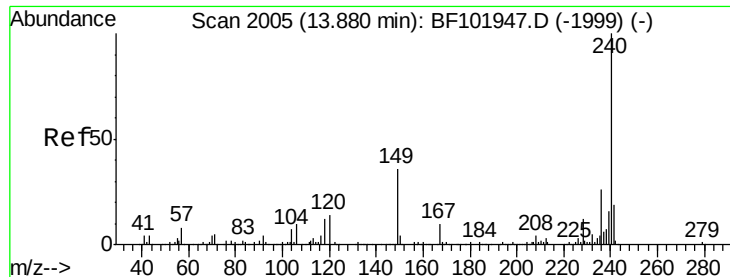
#73
Di-n-butylphthalate
Concen: 63.38 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	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: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

Instrument :

BNA_F

ClientSampleId :

4-2DL

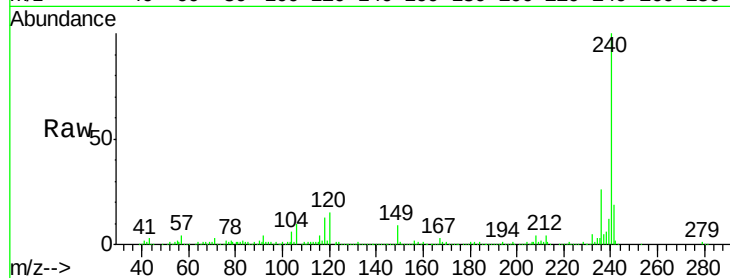
Tot Ion:240 Resp: 245816

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

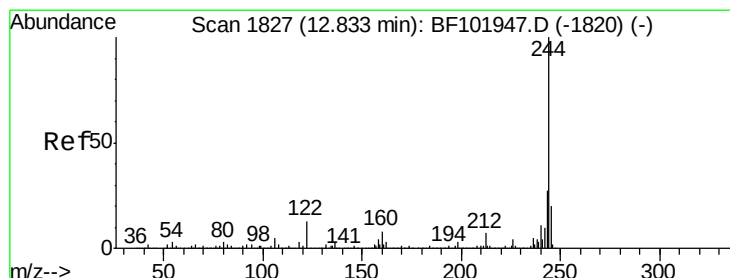
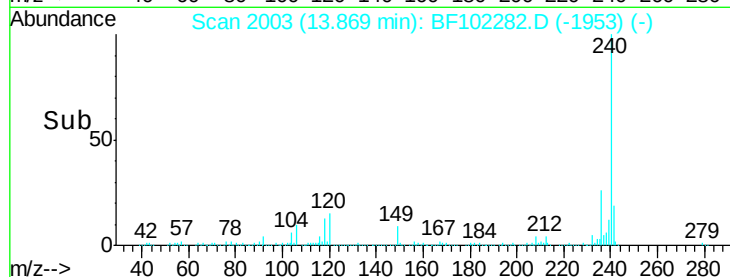
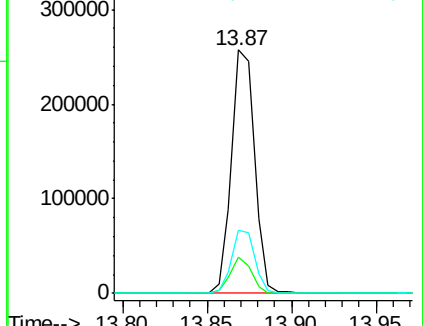
236 25.7 20.7 31.1



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: 26.83 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102282.D

Acq: 21 Jan 2018 00:50

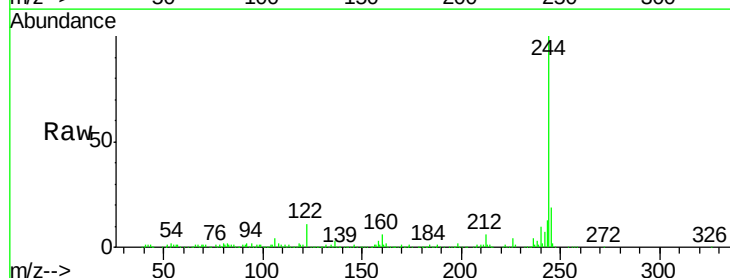
Tgt Ion:244 Resp: 317607

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

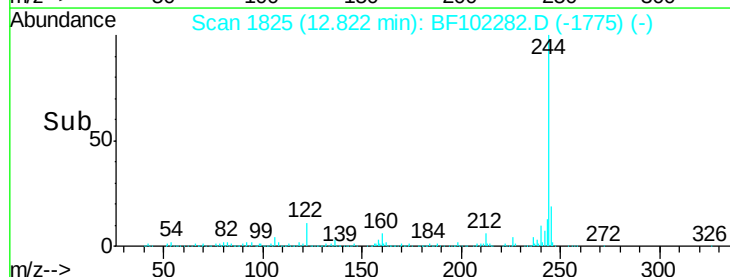
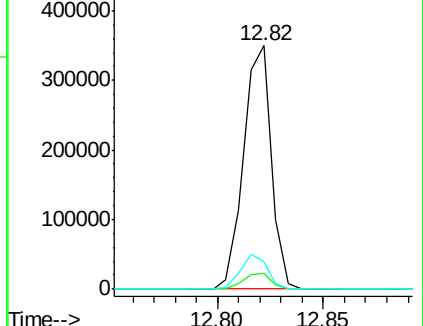
122 11.3 11.0 16.4

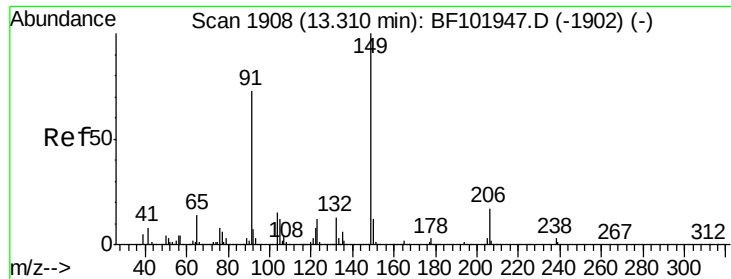


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

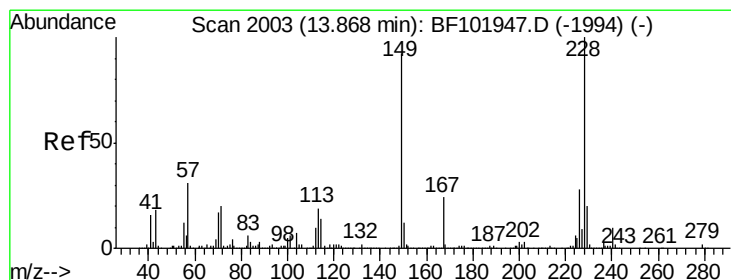
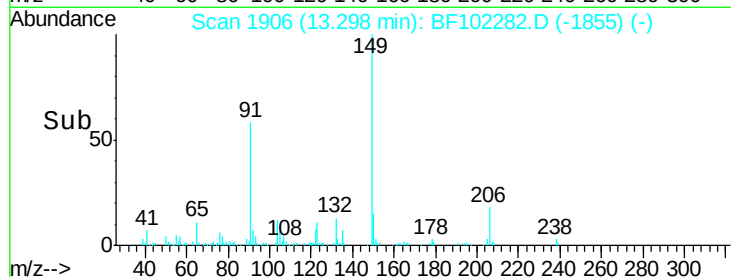
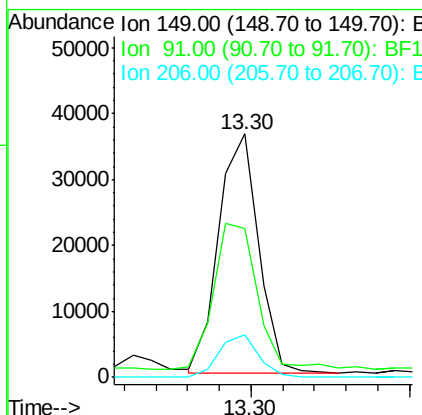
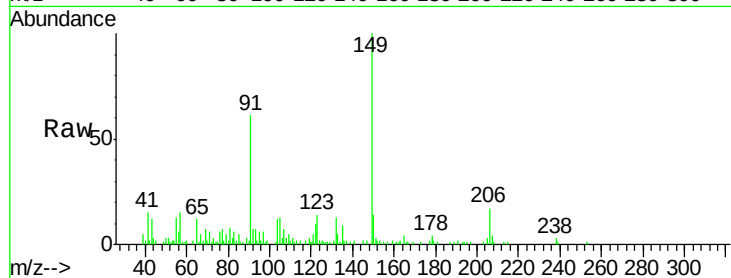




#79
Butylbenzylphthalate
Concen: 3.18 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

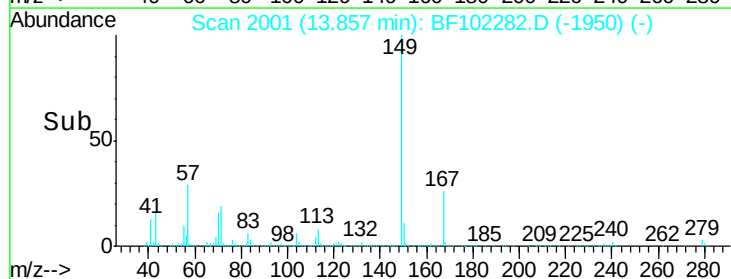
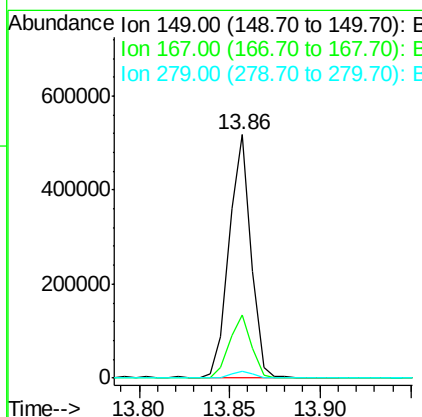
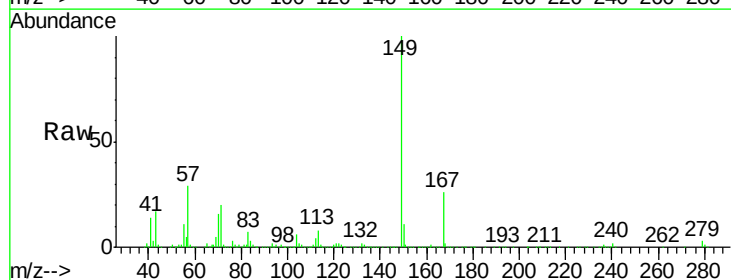
Instrument :
BNA_F
ClientSampleId :
4-2DL

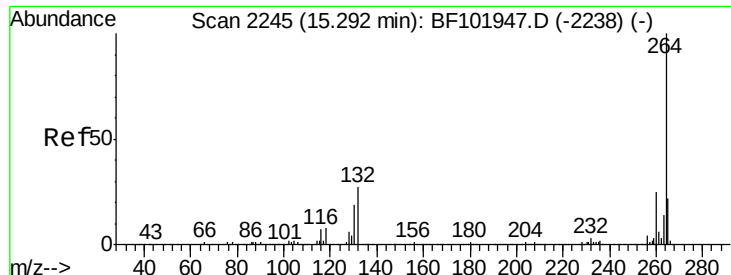
Tot Ion:149 Resp: 31738
Ion Ratio Lower Upper
149 100
91 60.9 56.8 85.2
206 17.4 14.1 21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 37.79 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Tgt Ion:149 Resp: 432248
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 3.0 3.0 4.4

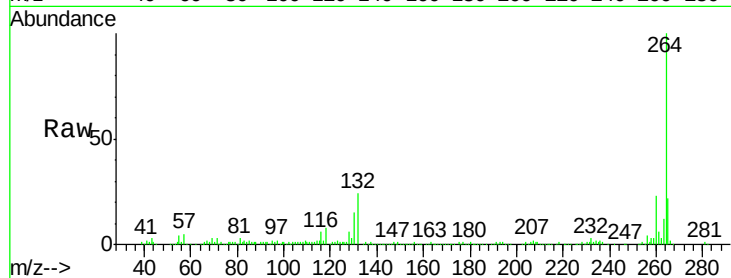




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102282.D
Acq: 21 Jan 2018 00:50

Instrument :
BNA_F
ClientSampleId :
4-2DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.2	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

