

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104285.D
 Acq On : 5 Apr 2018 22:19
 Operator : JU/SJ
 Sample : J2183-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:10:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

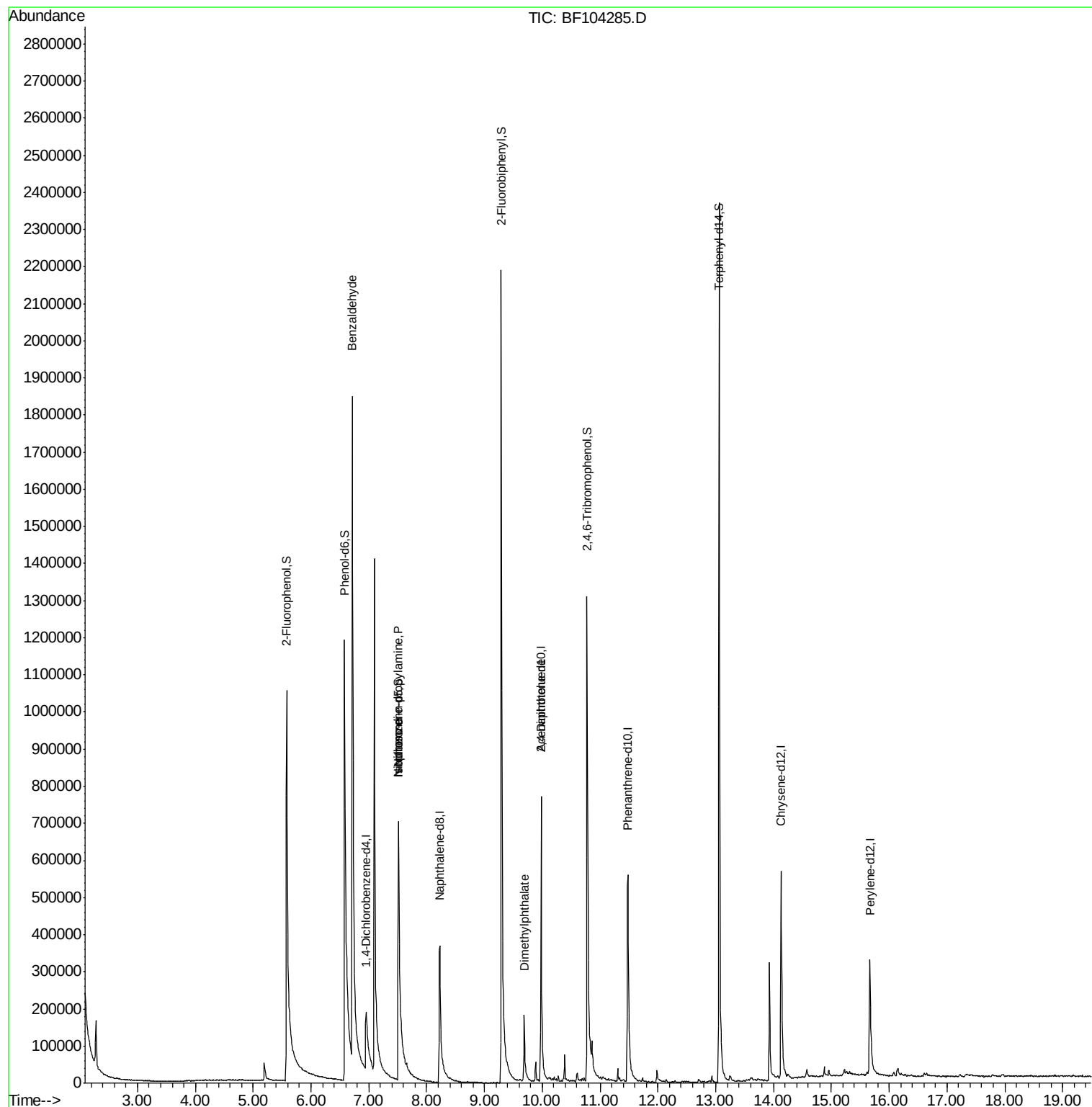
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98069	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460309	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	217513	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	409078	20.00	ng	0.00
75) Chrysene-d12	14.13	240	309064	20.00	ng	-0.01
86) Perylene-d12	15.67	264	235628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	810088	131.73	ng	-0.01
7) Phenol-d6	6.58	99	1038849	137.31	ng	-0.02
23) Nitrobenzene-d5	7.51	82	678944	90.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	316338	130.61	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1194501	86.60	ng	-0.01
78) Terphenyl-d14	13.06	244	1143791	85.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	17520	3.022	ng	90
19) n-Nitroso-di-n-propylamine	7.51	70	74151	16.515	ng	# 74
25) Isophorone	7.51	82	699202	50.406	ng	# 64
49) Dimethylphthalate	9.69	163	130297	7.587	ng	100
56) 2,4-Dinitrotoluene	9.98	165	27654	5.866	ng	# 22

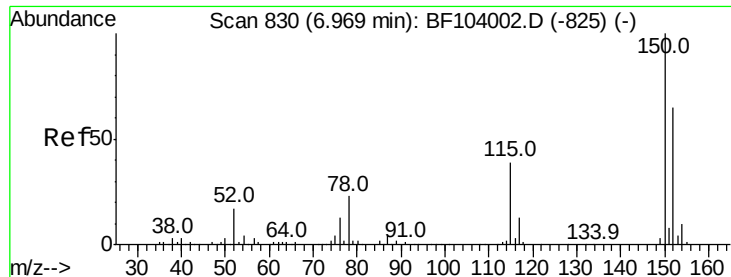
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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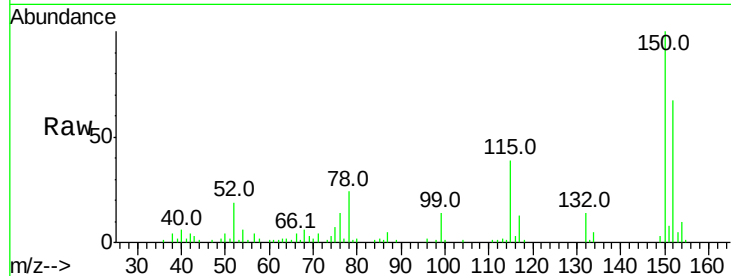


#1

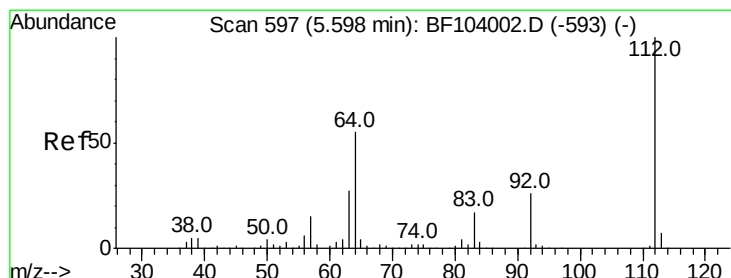
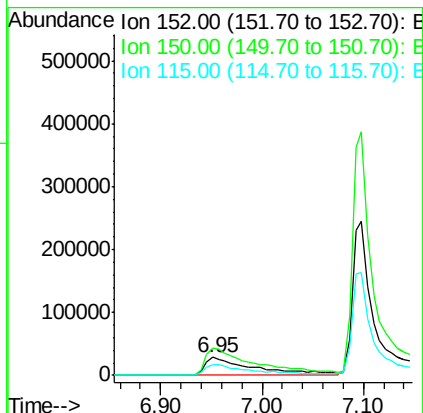
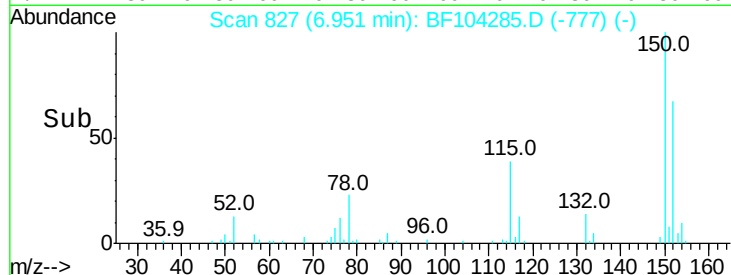
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98069
Ion Ratio Lower Upper
152 100
150 149.1 124.6 186.8
115 58.1 50.1 75.1



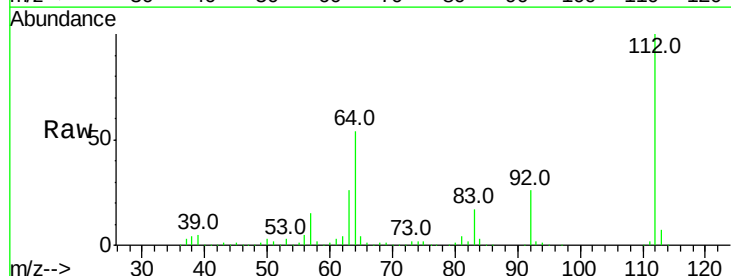
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



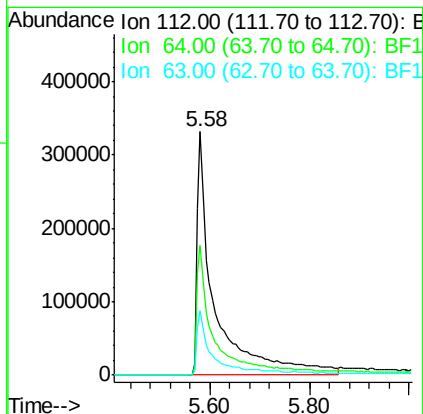
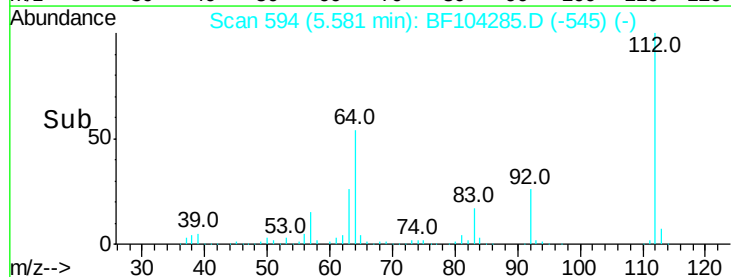
#5

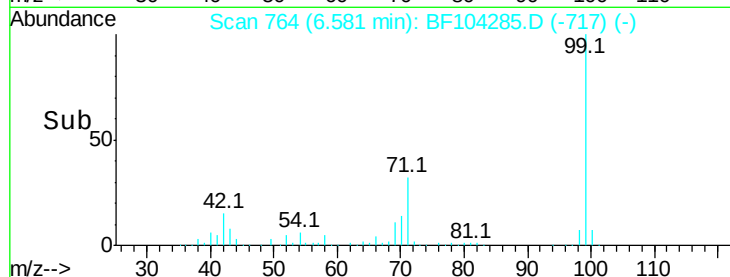
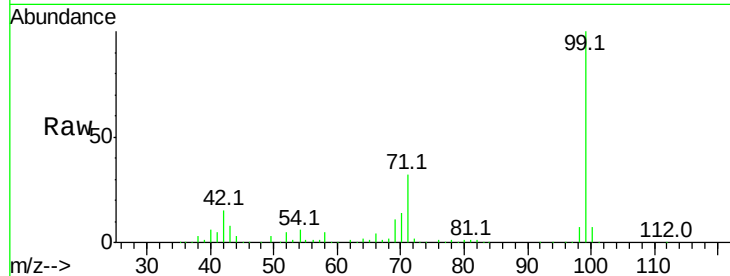
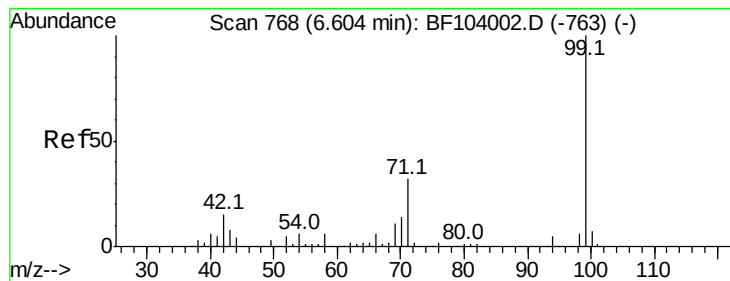
2-Fluorophenol
Concen: 131.732 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

Tgt Ion:112 Resp: 810088
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.5 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: 137.310 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_F

ClientSampleId :

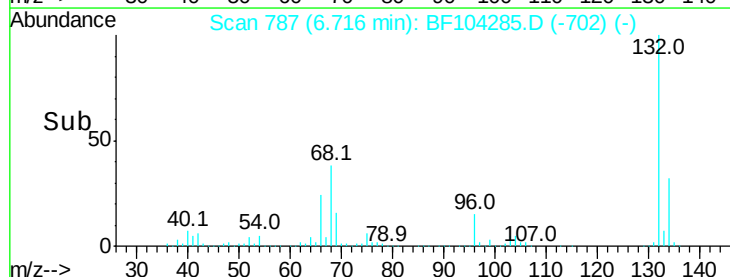
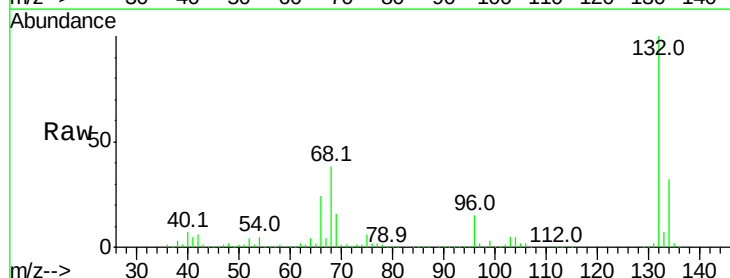
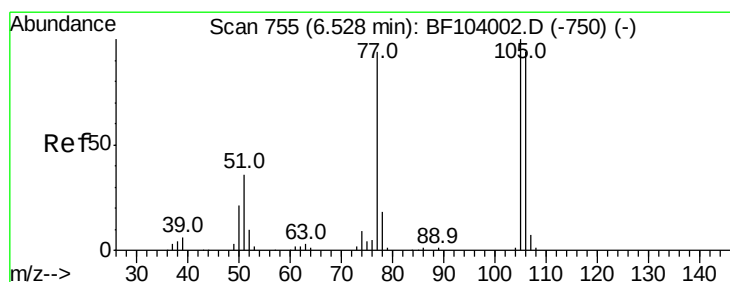
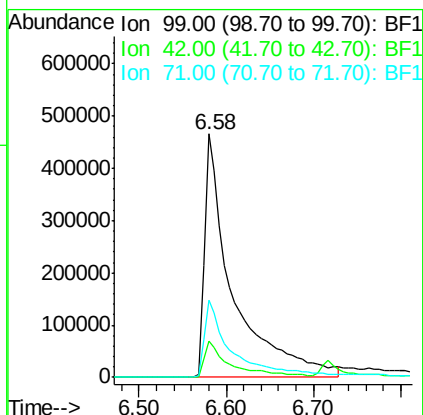
Tot Ion: 99 Resp: 1038849

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 31.8 25.4 38.0



#9

Benzaldehyde

Concen: 3.022 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

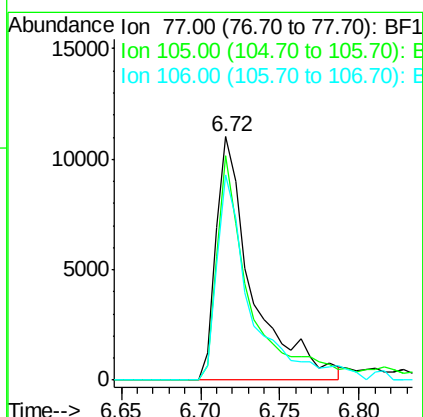
Tgt Ion: 77 Resp: 17520

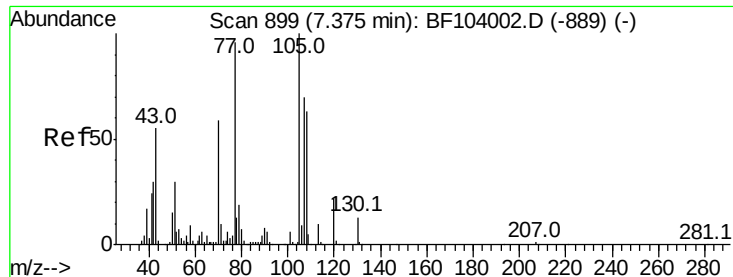
Ion Ratio Lower Upper

77 100

105 92.0 81.1 121.1

106 84.2 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 16.515 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 74151

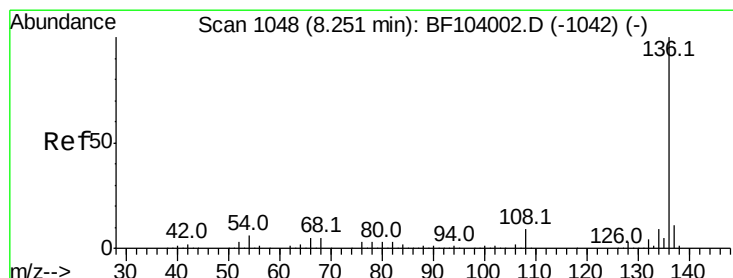
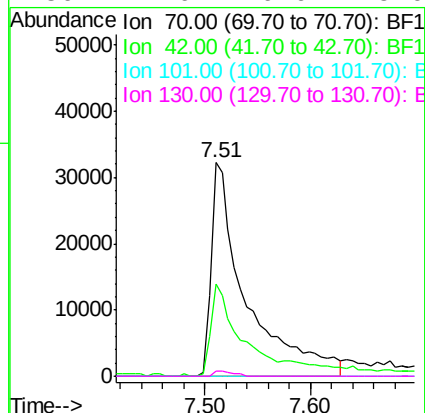
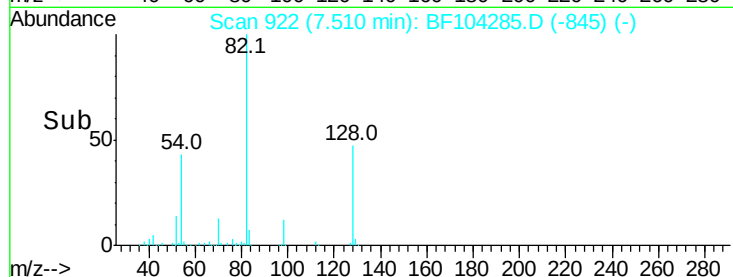
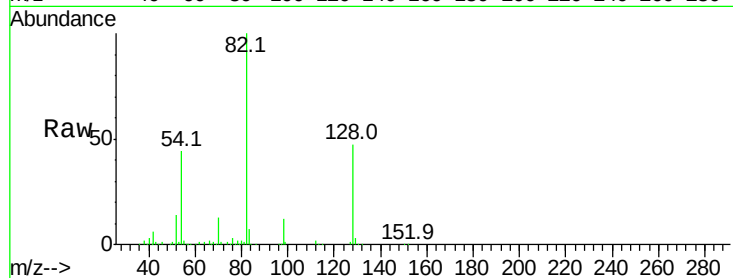
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

Tgt Ion: 136 Resp: 460309

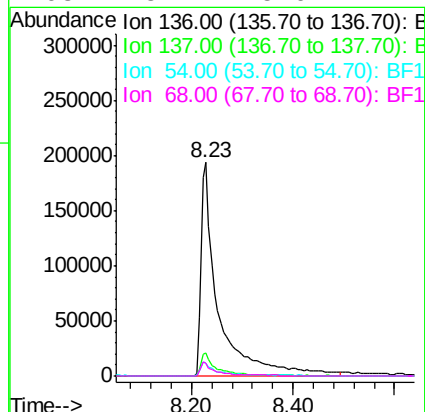
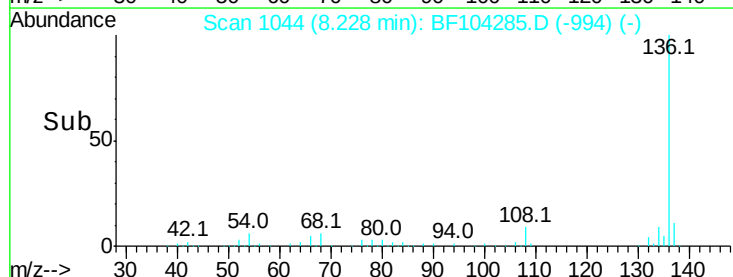
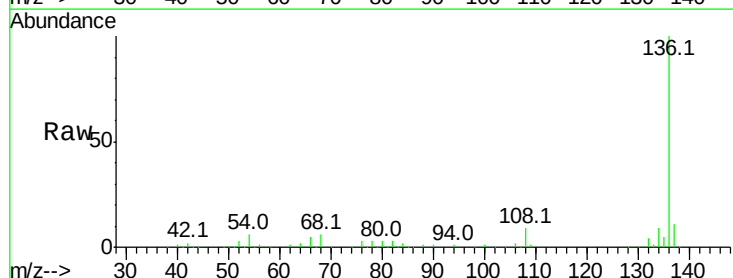
Ion Ratio Lower Upper

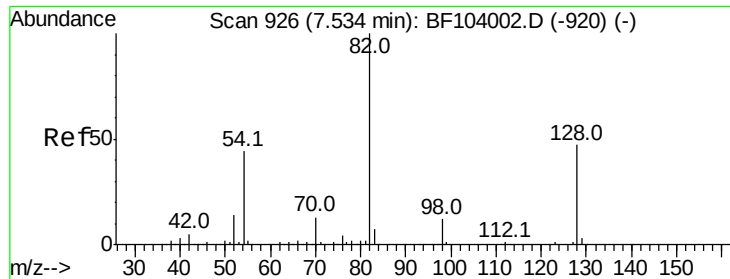
136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

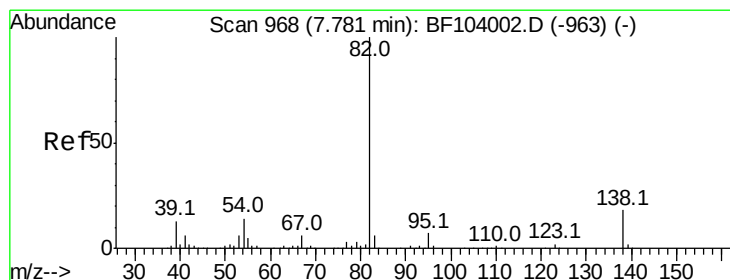
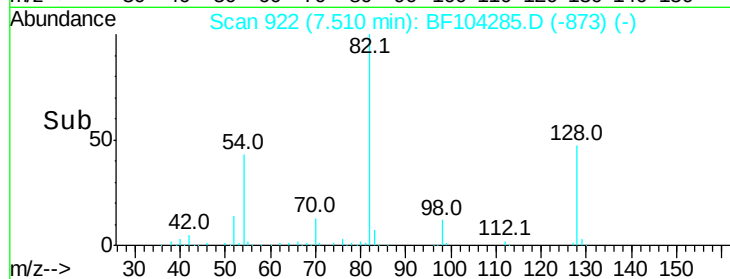
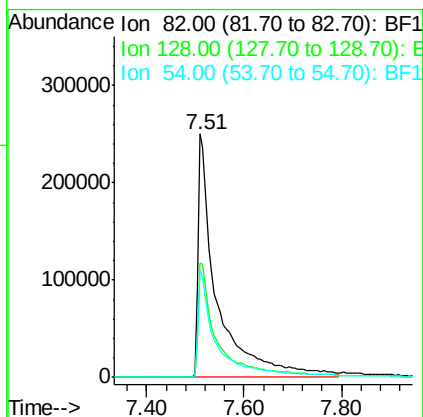
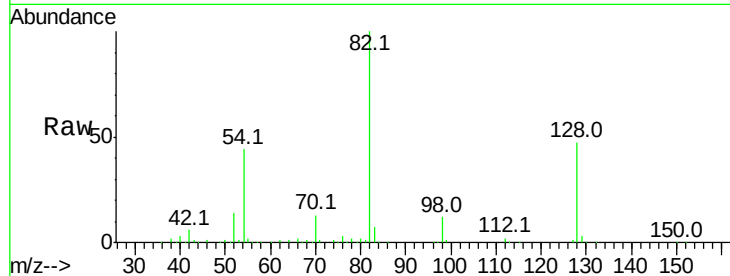




#23
Nitrobenzene-d5
Concen: 90.203 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

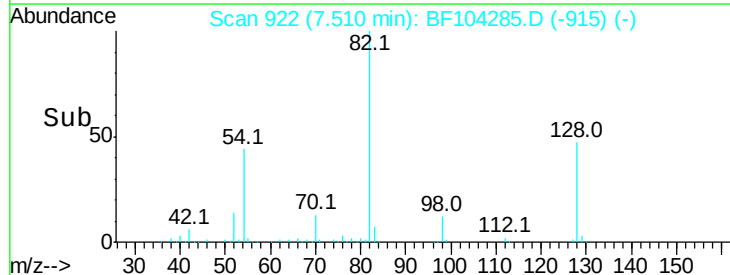
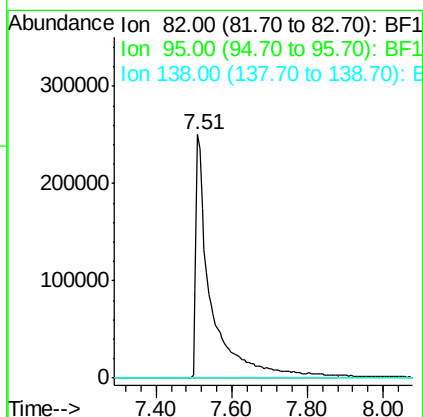
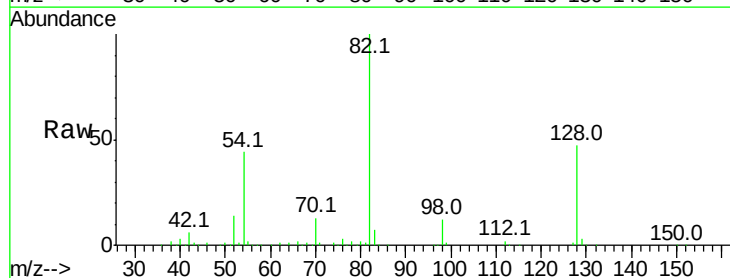
Instrument :
BNA_F
ClientSampleId :

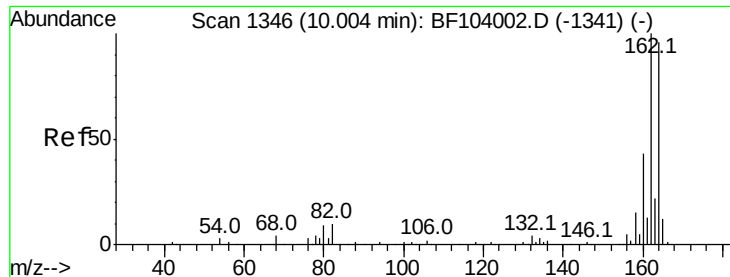
Tot Ion: 82 Resp: 678944
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 43.7 41.4 62.2



#25
Isophorone
Concen: 50.406 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

Tgt Ion: 82 Resp: 699202
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

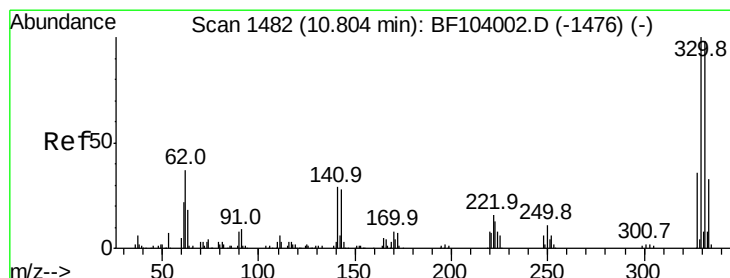
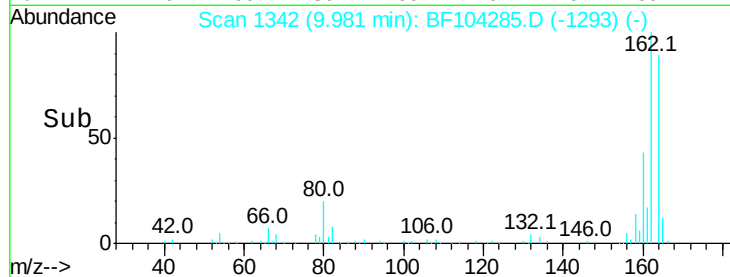
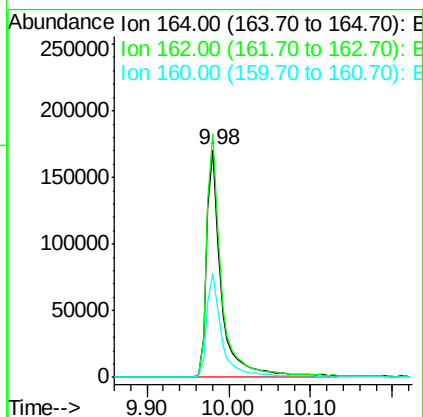
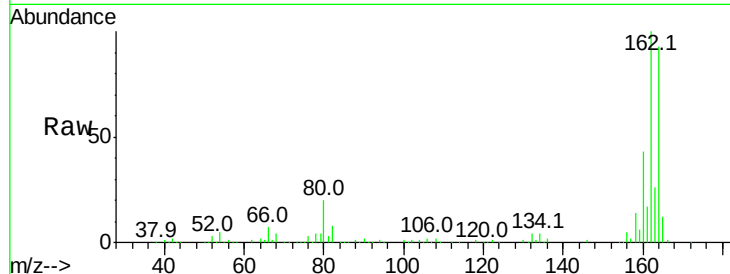




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104285.D
 Acq: 5 Apr 2018 22:19

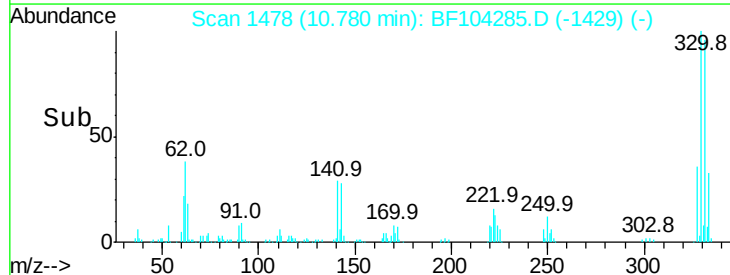
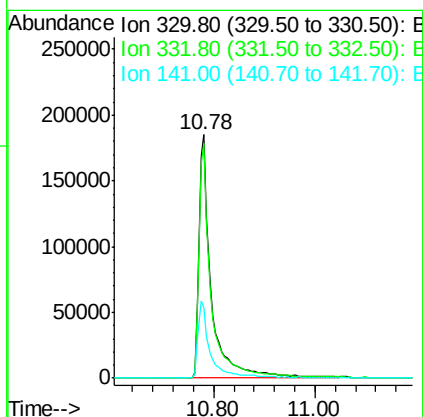
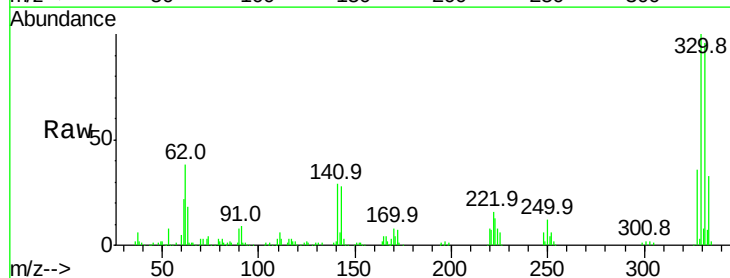
Instrument :
 BNA_F
 ClientSampleId :

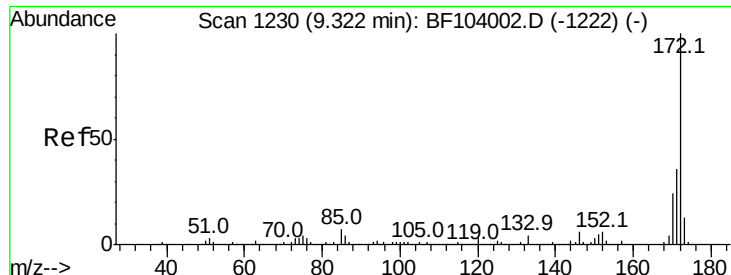
Tot Ion:164 Resp: 217513
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 130.610 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104285.D
 Acq: 5 Apr 2018 22:19

Tgt Ion:330 Resp: 316338
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 31.4 29.9 44.9

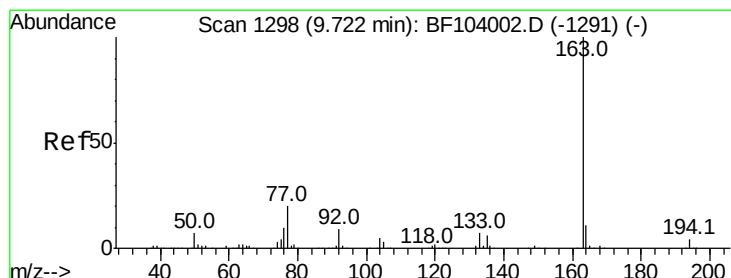
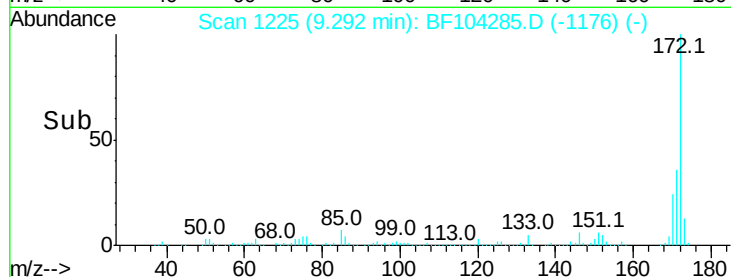
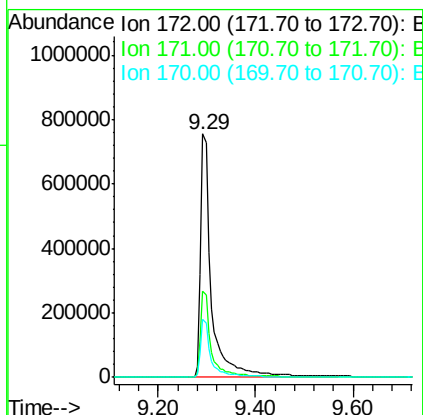
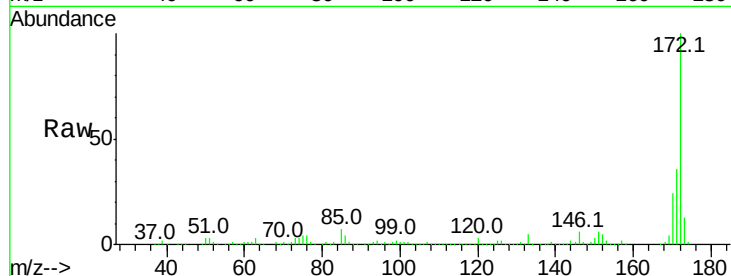




#44
2-Fluorobiphenyl
Concen: 86.598 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

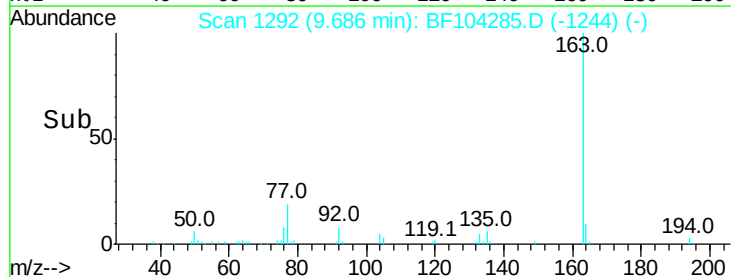
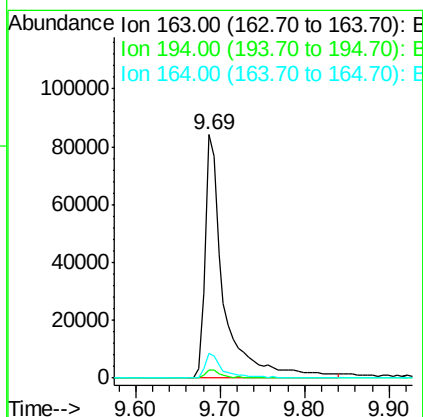
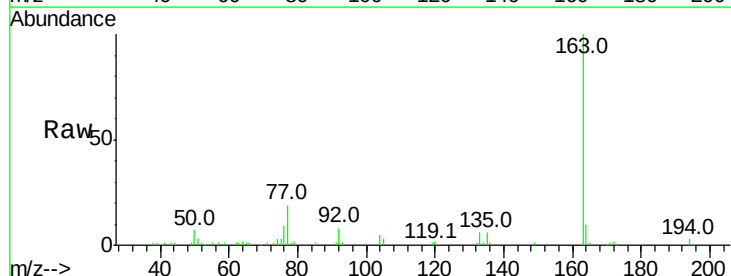
Instrument :
BNA_F
ClientSampleId :

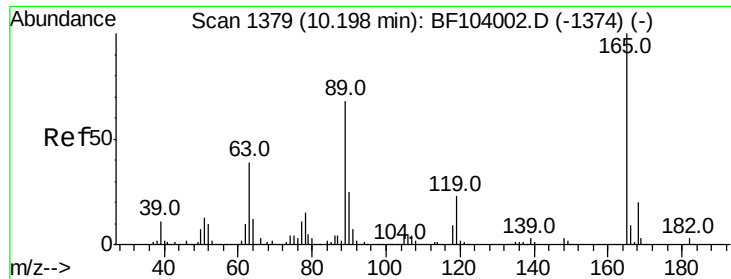
Tot Ion:172 Resp: 1194501
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 7.587 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

Tgt Ion:163 Resp: 130297
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

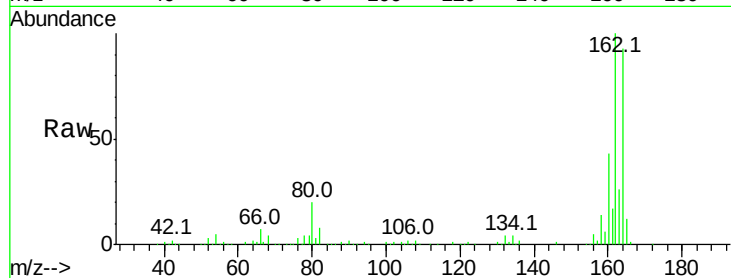




#56
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104285.D
 Acq: 5 Apr 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	27654
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

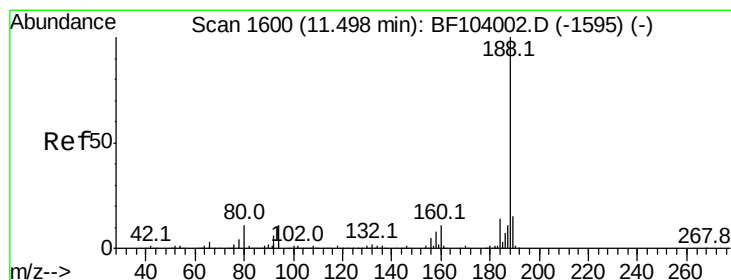
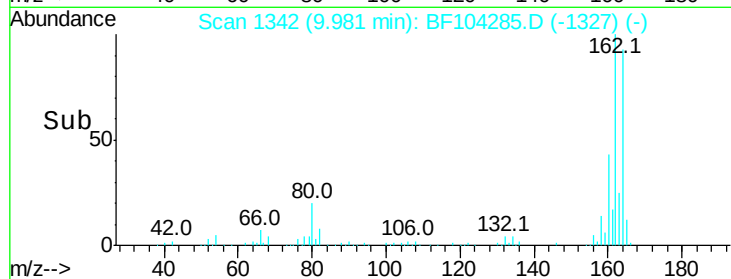
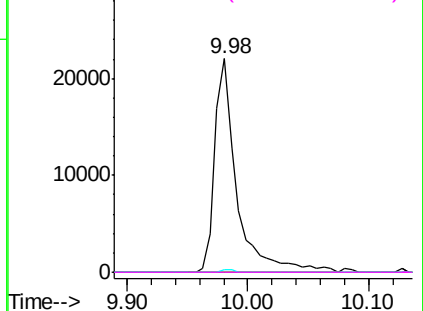


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

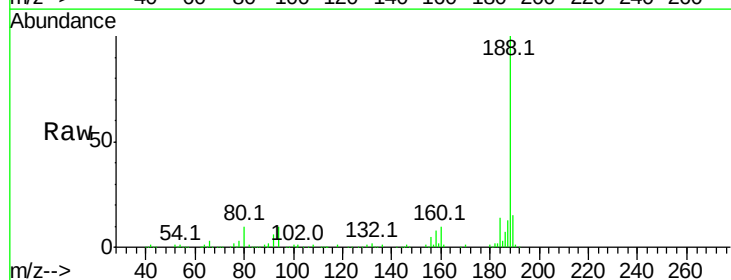
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104285.D
 Acq: 5 Apr 2018 22:19

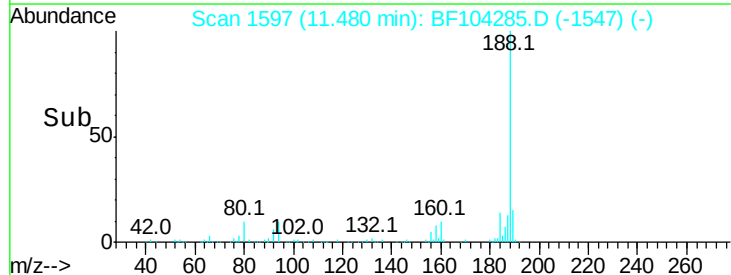
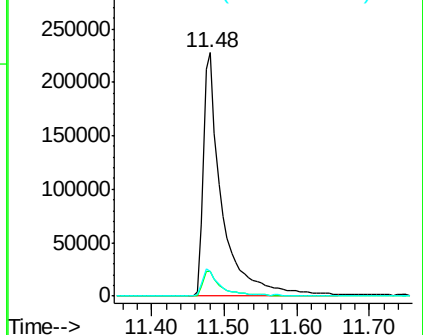
Tgt Ion:	188	Resp:	409078
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8

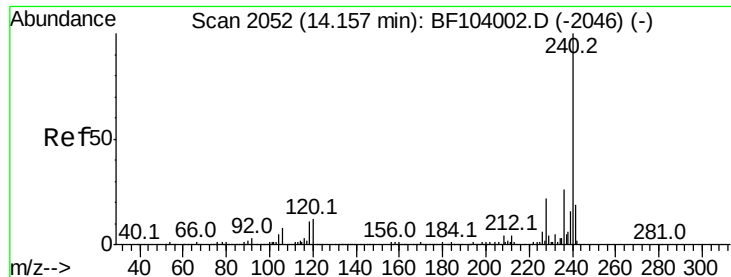


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_F

ClientSampled :

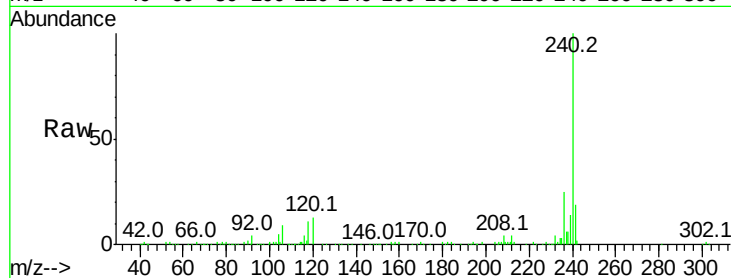
Tot Ion:240 Resp: 309064

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

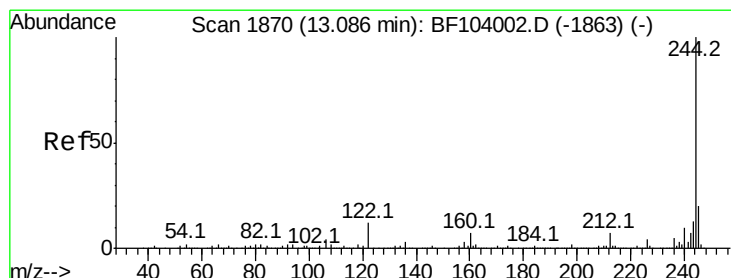
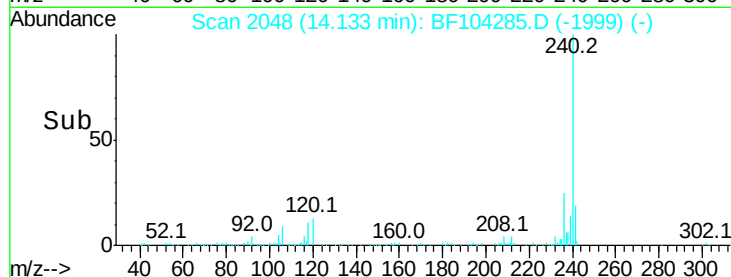
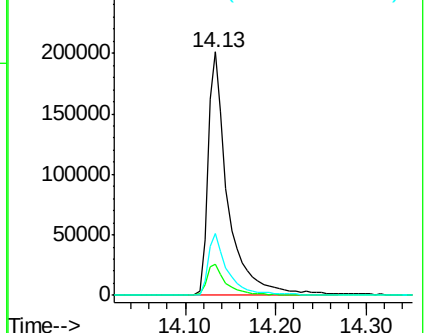
236 25.4 20.7 31.1



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: 85.450 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104285.D

Acq: 5 Apr 2018 22:19

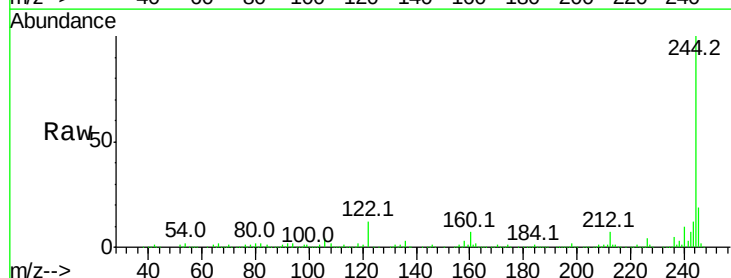
Tgt Ion:244 Resp: 1143791

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

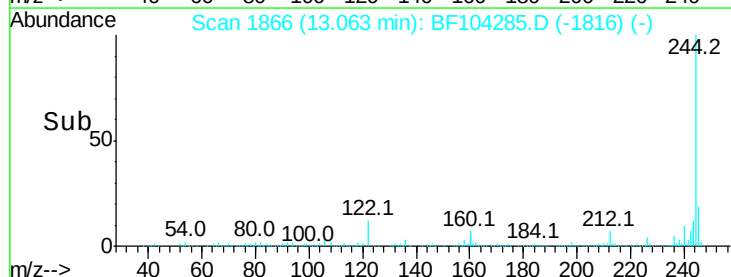
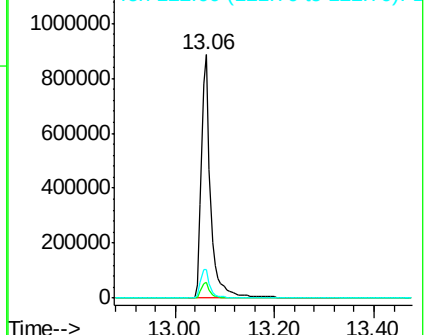
122 11.6 11.0 16.4

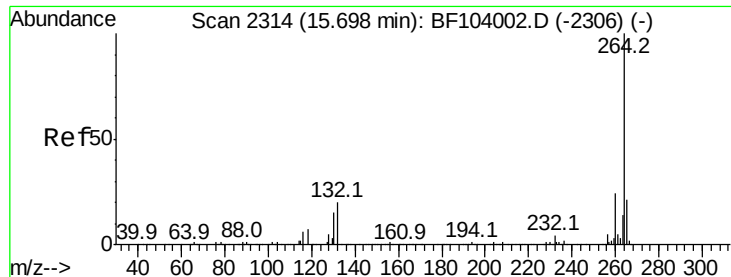


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

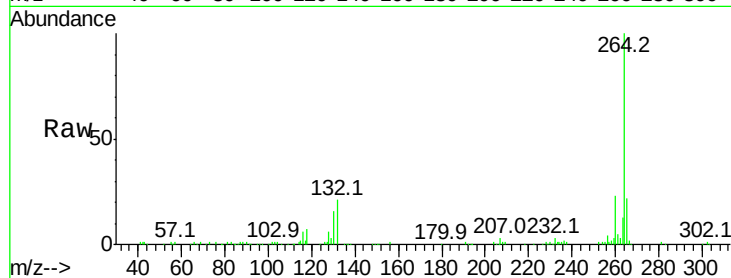




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF104285.D
Acq: 5 Apr 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	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

