

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102233.D
 Acq On : 19 Jan 2018 22:51
 Operator : SJ/JU
 Sample : J1189-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:23:20 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	139359	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	547842	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	219819	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	316439	20.00	ng	0.00
75) Chrysene-d12	13.87	240	145455	20.00	ng	0.00
86) Perylene-d12	15.30	264	282875	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	915280	92.74	ng	0.01
7) Phenol-d6	6.37	99	1110870	94.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	699929	75.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	185423	96.66	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1178111	83.73	ng	0.00
78) Terphenyl-d14	12.83	244	793263	113.23	ng	0.00

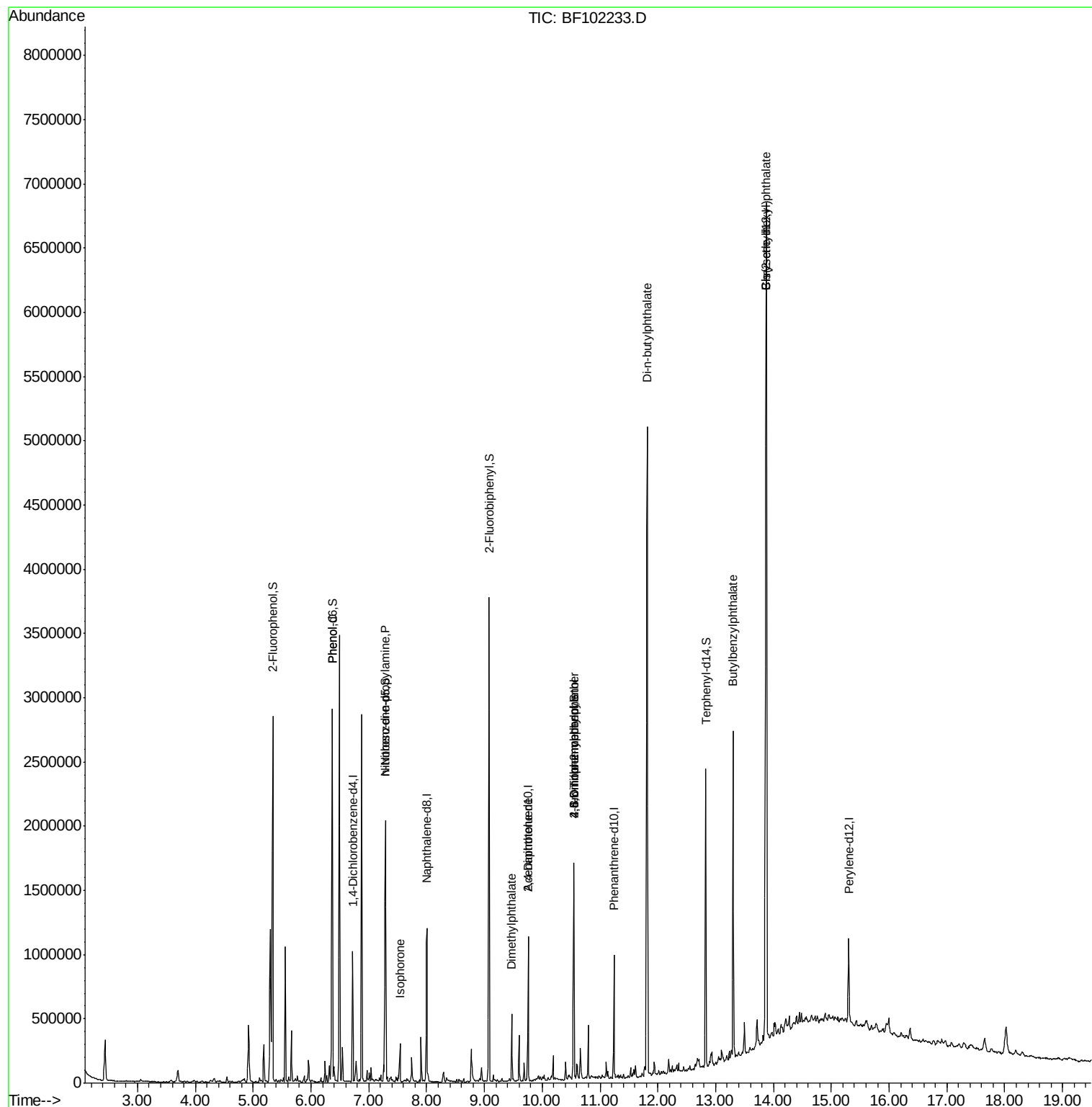
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	85419	6.419	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	94921	12.301	ng	# 80
25) Isophorone	7.54	82	104541	5.675	ng	100
49) Dimethylphthalate	9.47	163	171820	9.744	ng	100
56) 2,4-Dinitrotoluene	9.76	165	27789	6.294	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	412	5.874	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12100	3.621	ng	# 1
73) Di-n-butylphthalate	11.82	149	3205714	141.808	ng	99
79) Butylbenzylphthalate	13.30	149	596258	101.052	ng	97
83) Bis(2-ethylhexyl)phthalate	13.88	149	2986354	441.191	ng	99

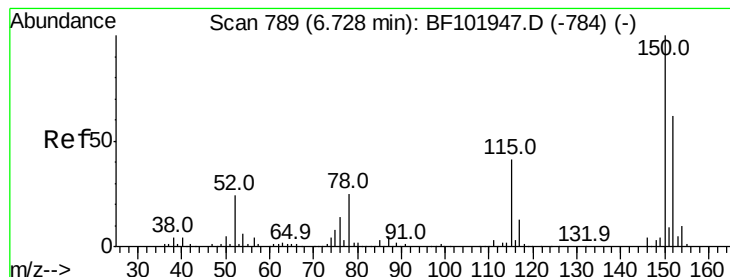
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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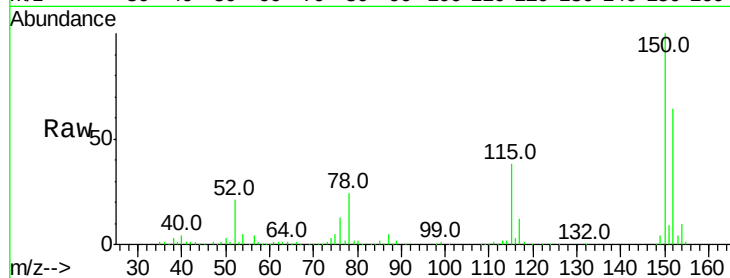


#1

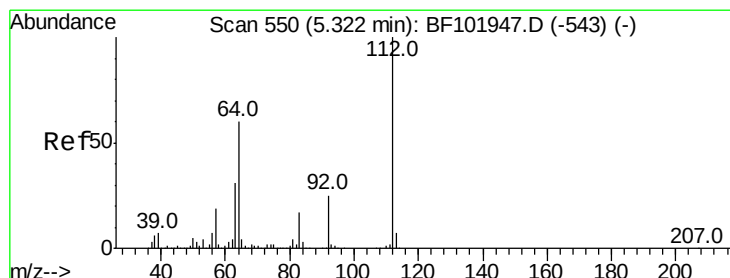
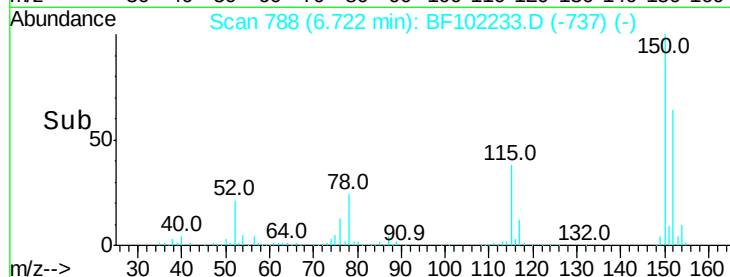
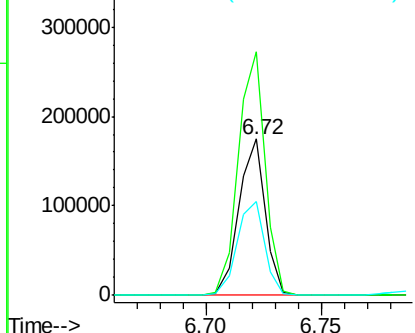
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.0	50.1	75.1



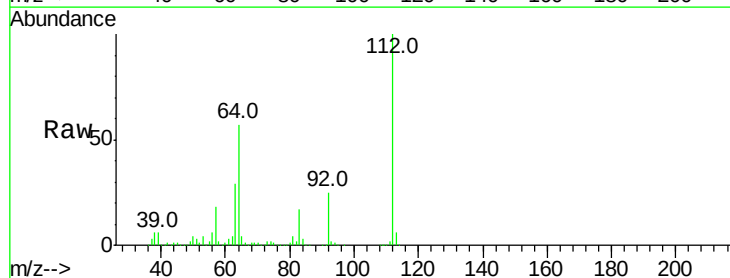
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



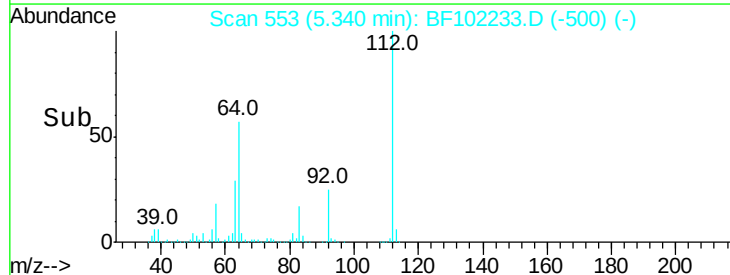
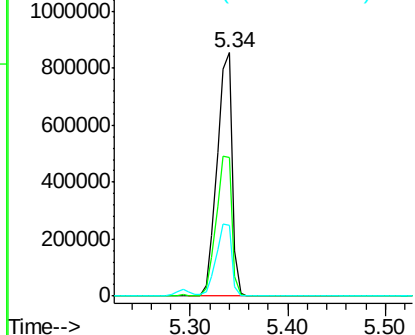
#5

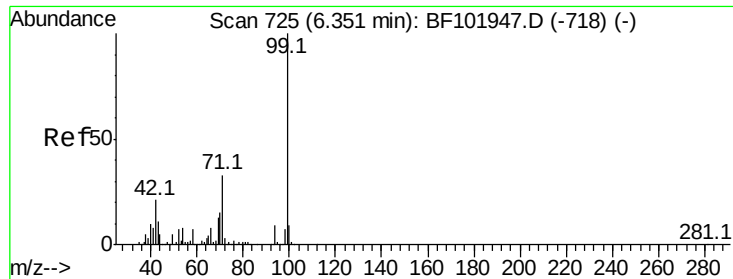
2-Fluorophenol
Concen: 92.743 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.1	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: 94.343 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

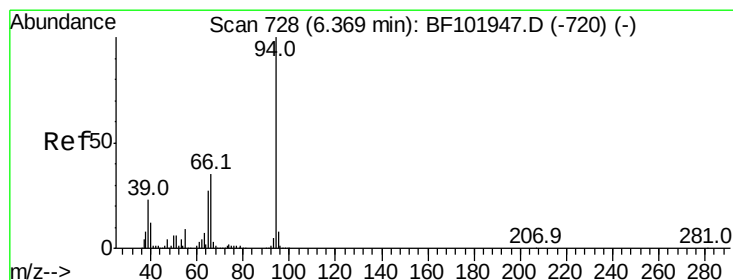
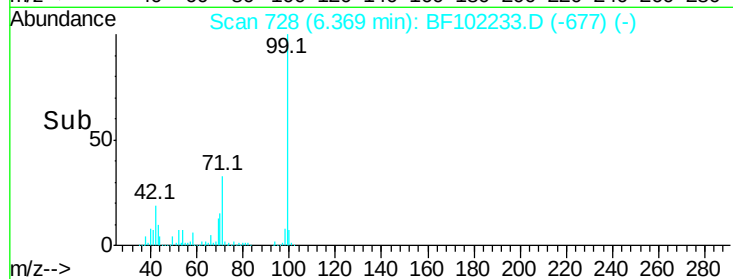
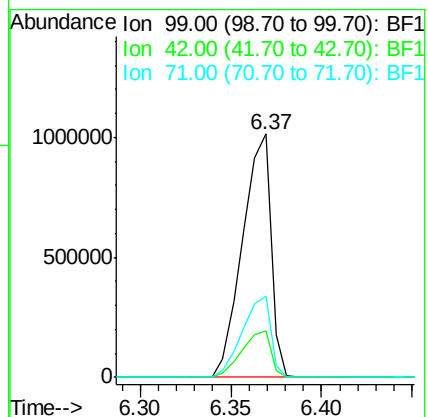
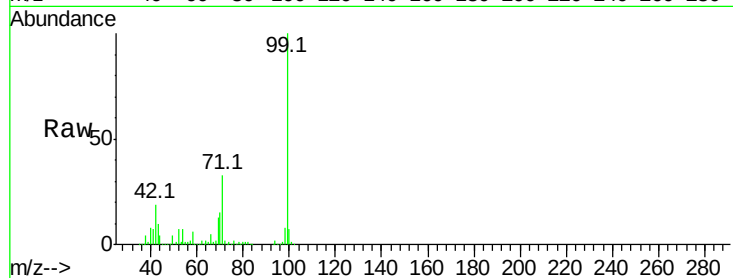
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1110870

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.3	25.4	38.0



#10

Phenol

Concen: 6.419 ng

RT: 6.37 min Scan# 729

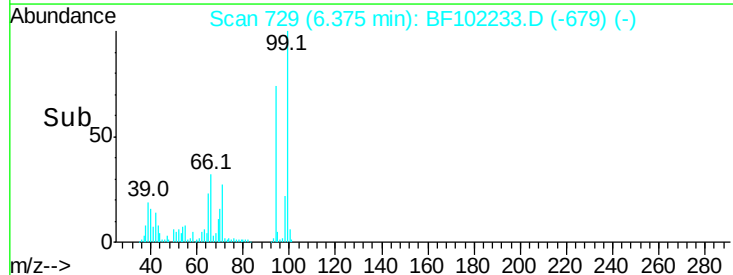
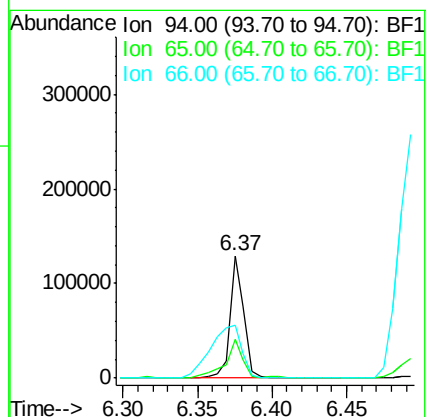
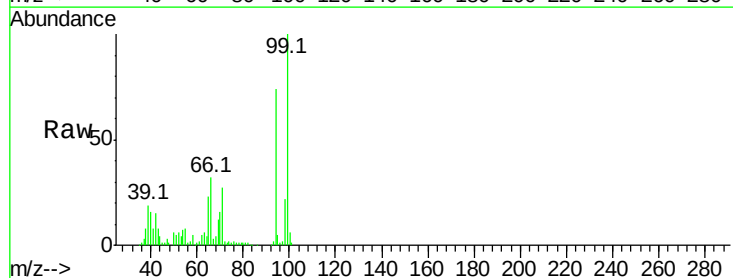
Delta R.T. -0.01 min

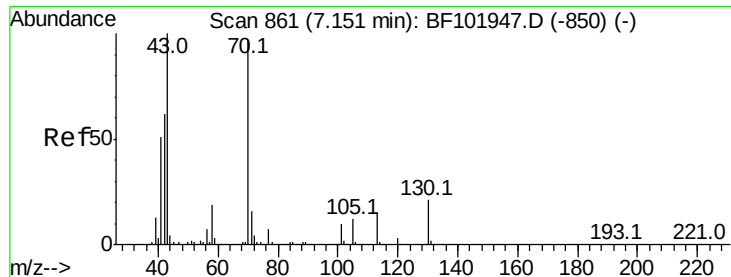
Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Tgt Ion: 94 Resp: 85419

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	42.9	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 12.301 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102233.D

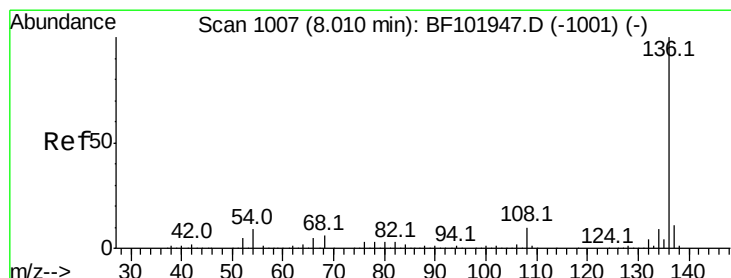
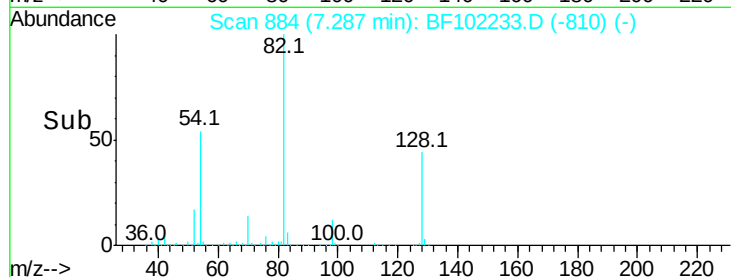
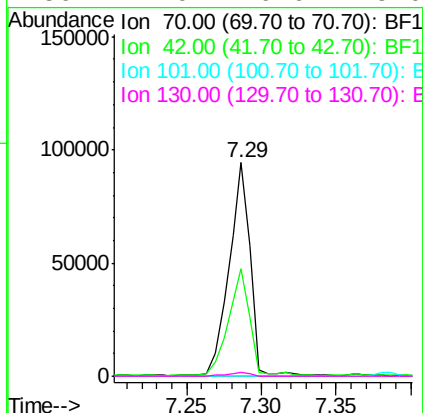
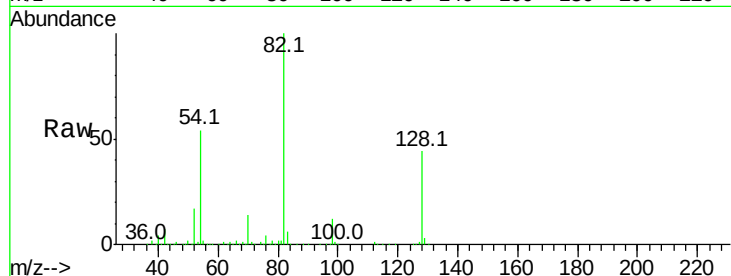
Acq: 19 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	94921
Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

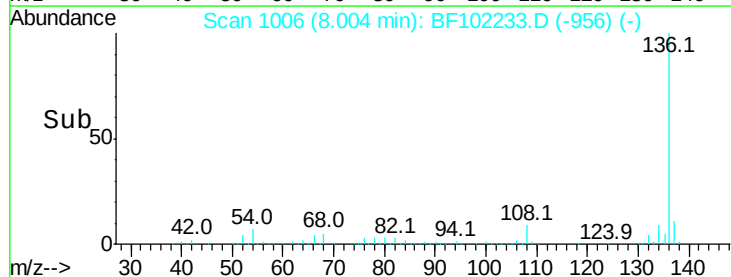
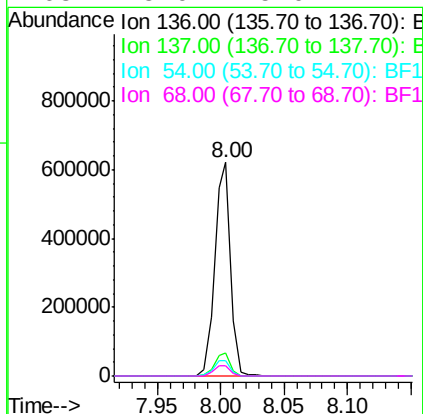
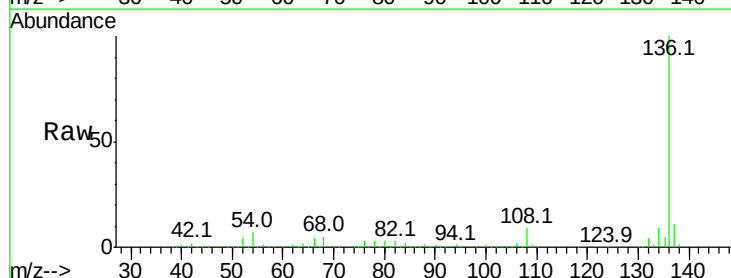
RT: 8.00 min Scan# 1006

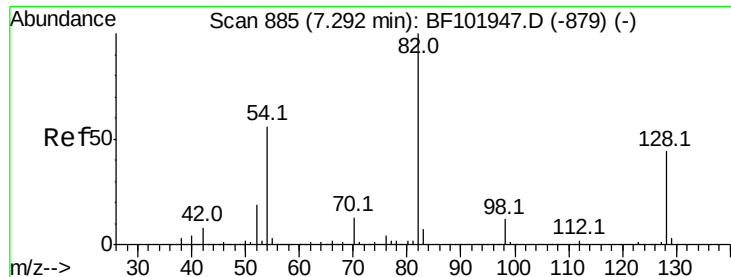
Delta R.T. -0.01 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Tgt Ion:	136	Resp:	547842
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.0	5.0	7.4

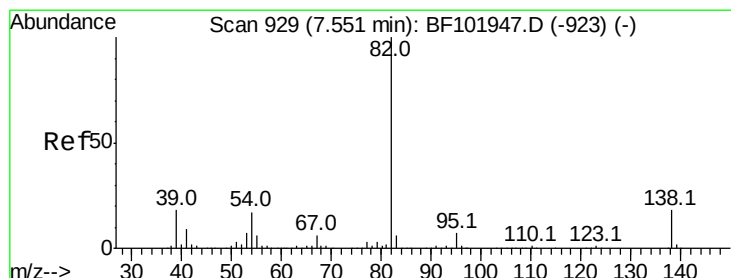
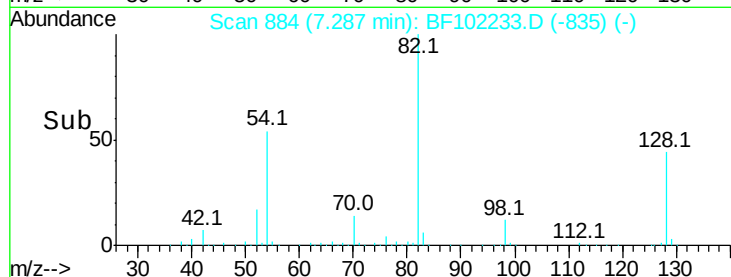
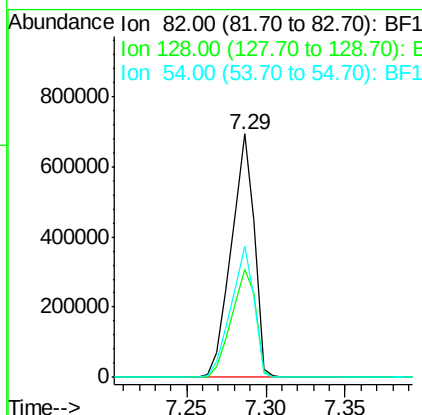
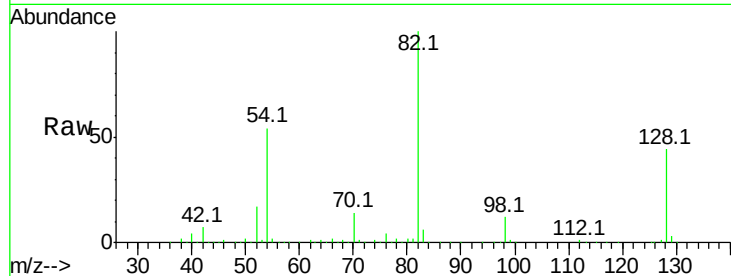




#23
 Nitrobenzene-d5
 Concen: 75.078 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

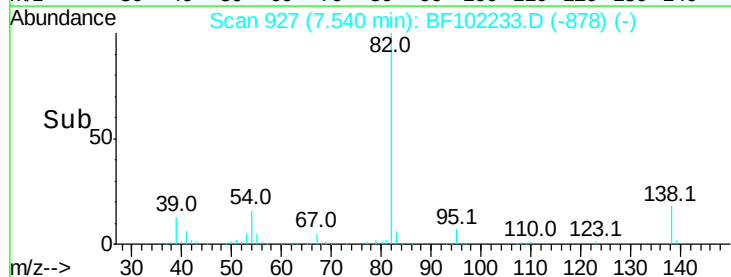
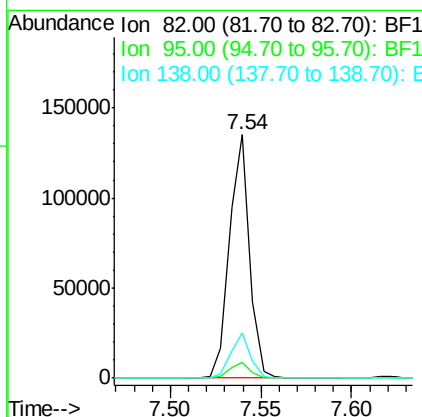
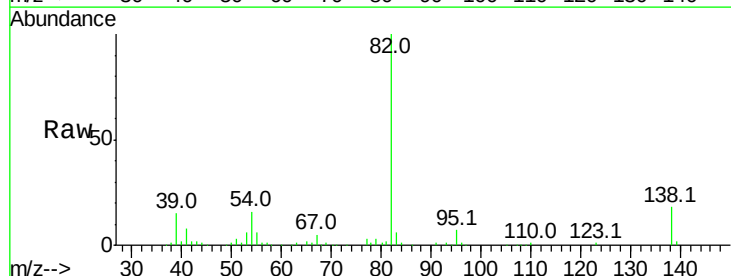
Instrument :
 BNA_F
 ClientSampled :

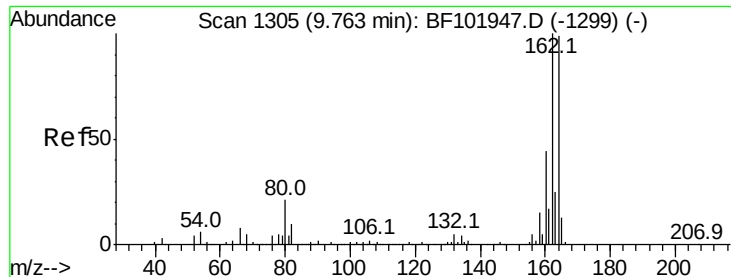
Tot Ion	82	Resp	699929
Ion Ratio	100	Lower	Upper
128	44.5	36.1	54.1
54	53.7	41.4	62.2



#25
 Isophorone
 Concen: 5.675 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Tgt Ion	82	Resp	104541
Ion Ratio	100	Lower	Upper
95	6.5	5.2	7.8
138	18.4	14.9	22.3

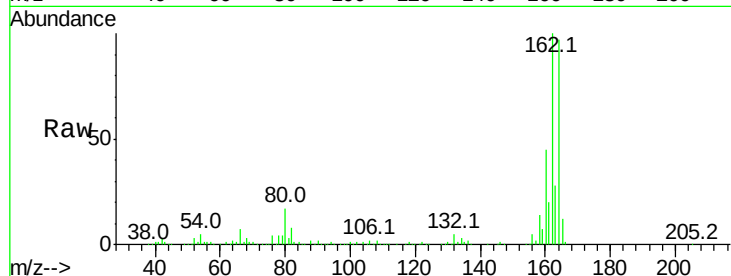




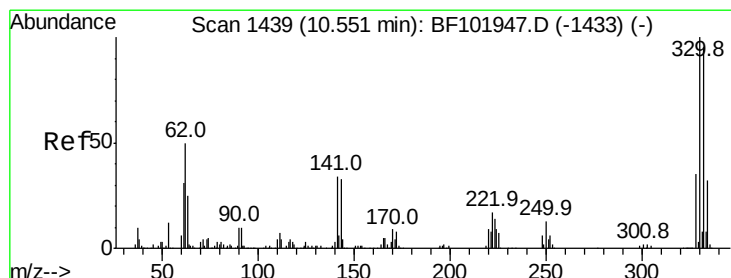
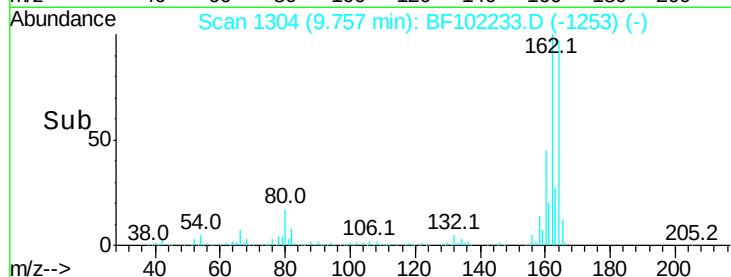
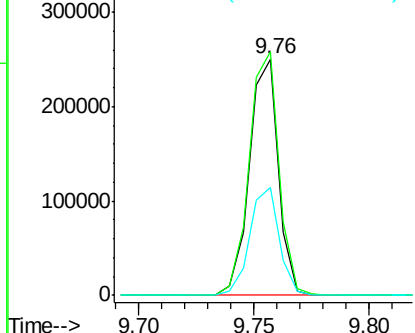
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 219819
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.0 38.3 57.5

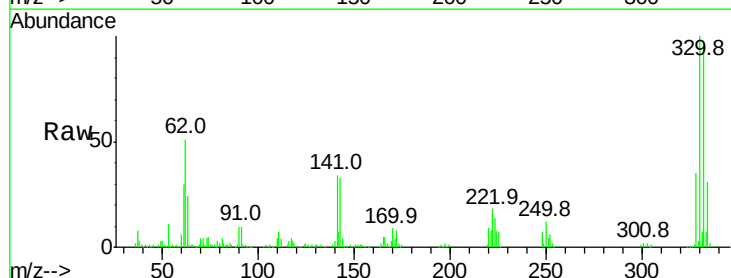


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

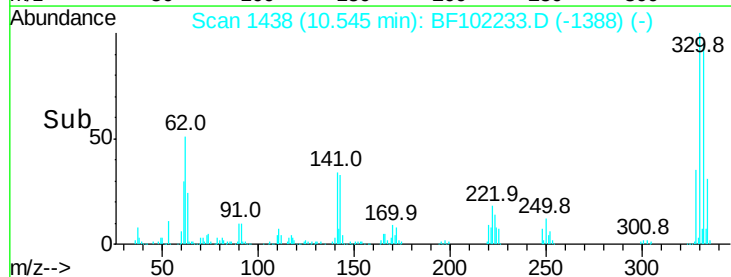
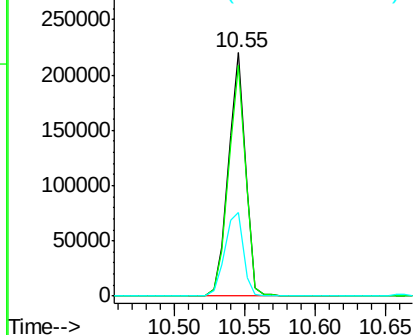


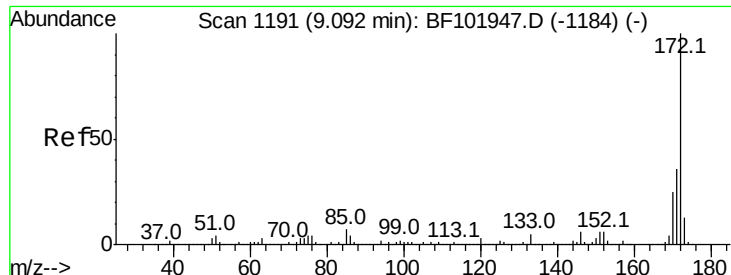
#41
 2,4,6-Tribromophenol
 Concen: 96.658 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Tgt Ion:330 Resp: 185423
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.9 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

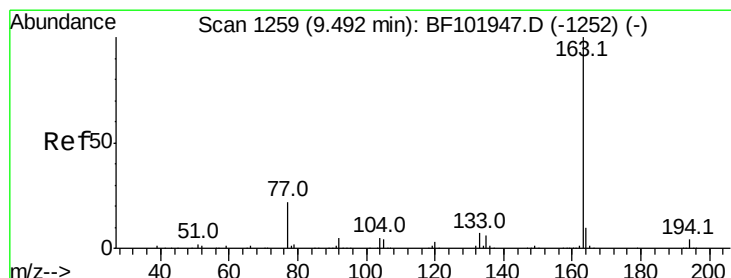
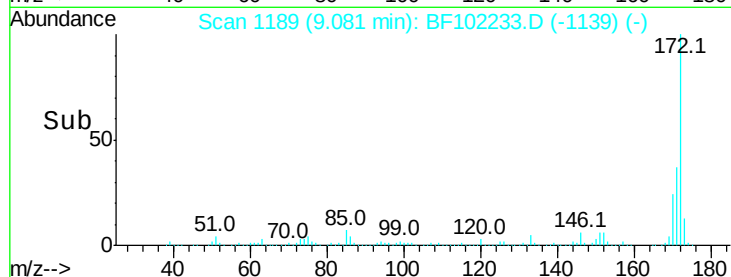
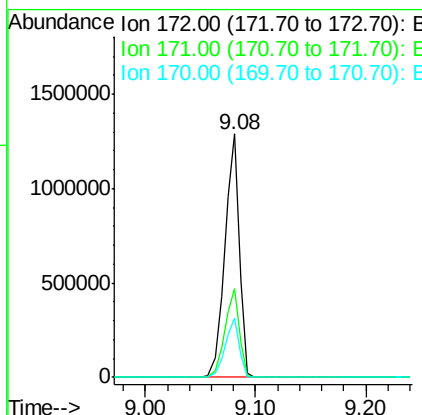
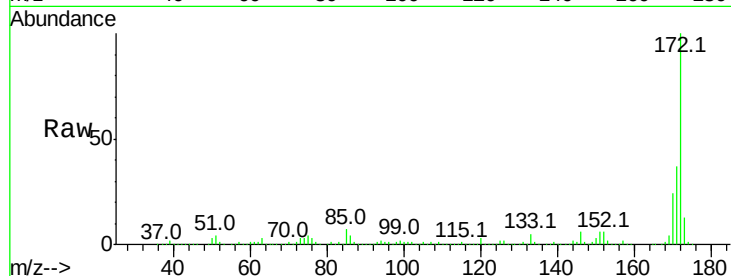




#44
2-Fluorobiphenyl
Concen: 83.729 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

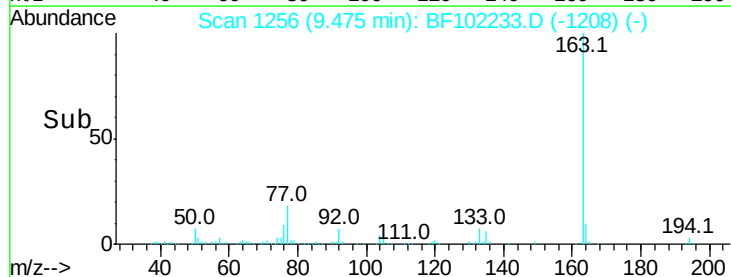
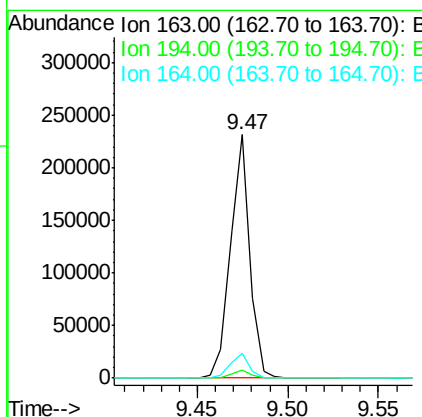
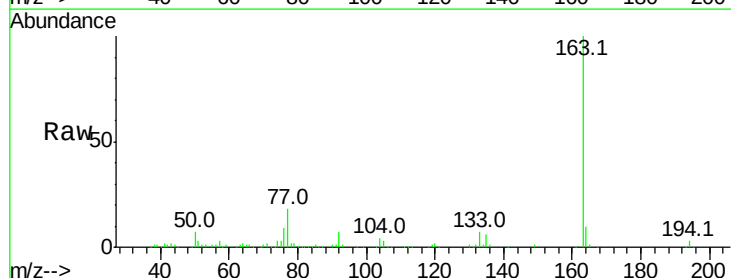
Instrument :
BNA_F
ClientSampleId :

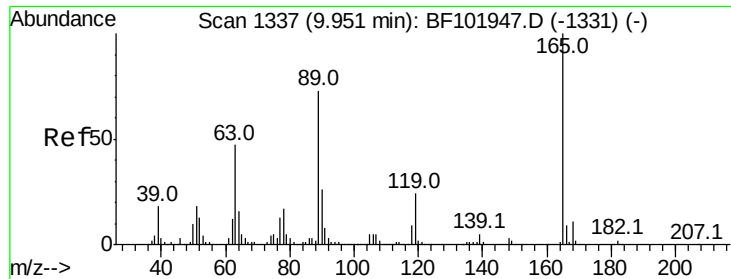
Tot Ion:172 Resp: 1178111
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 9.744 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Tgt Ion:163 Resp: 171820
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

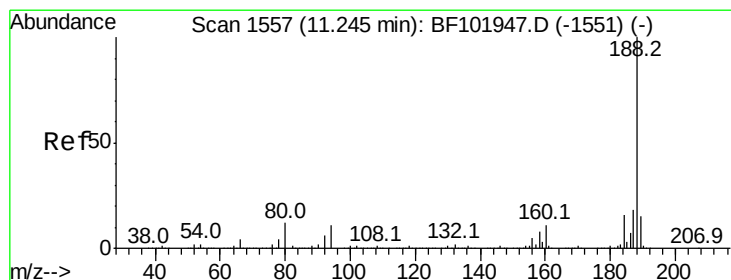
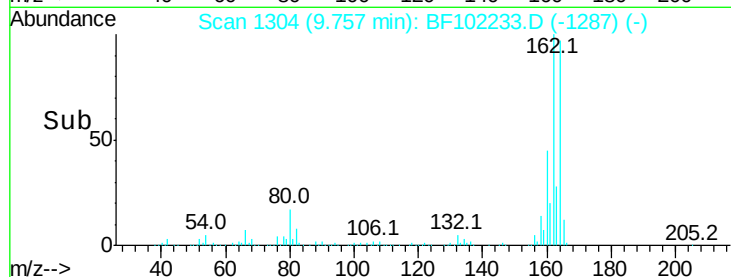
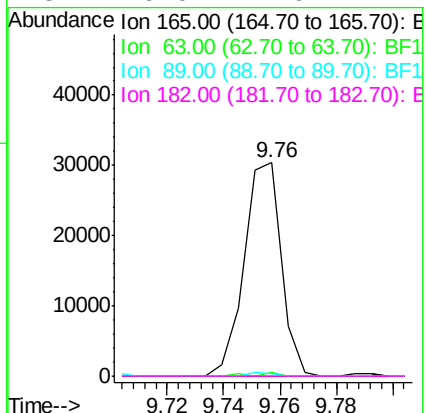
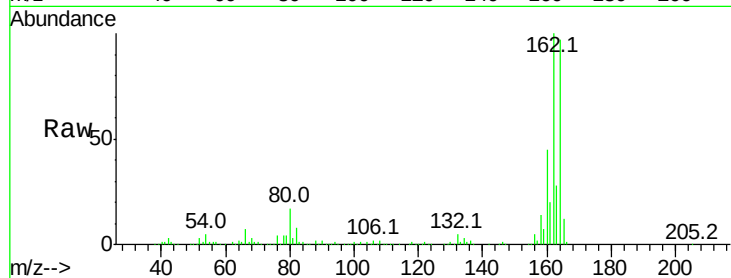




#56
 2,4-Dinitrotoluene
 Concen: 6.294 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

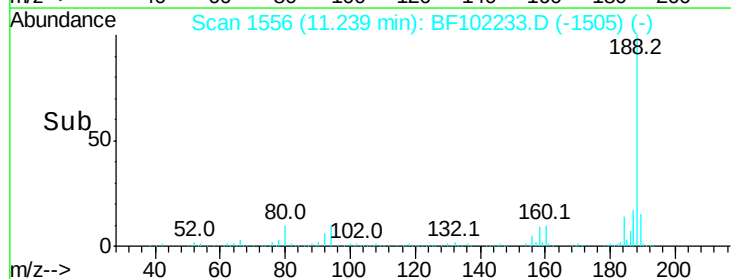
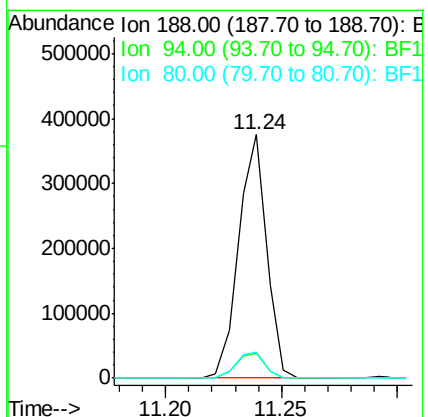
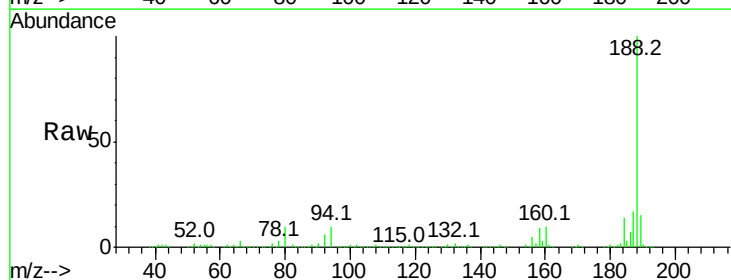
Instrument :
 BNA_F
 ClientSampleId :

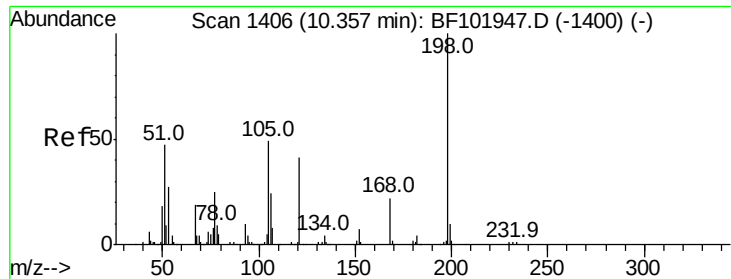
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.874 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

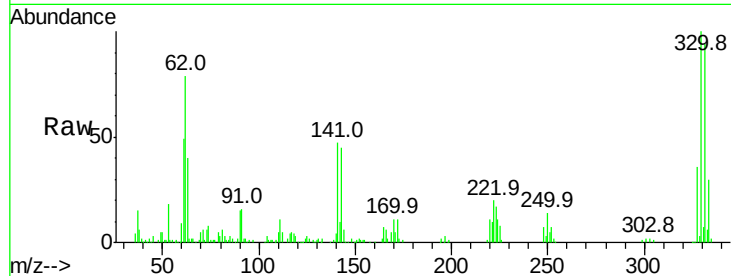
Tot Ion:198 Resp: 412

Ion Ratio Lower Upper

198 100

51 175.8 37.7 77.7#

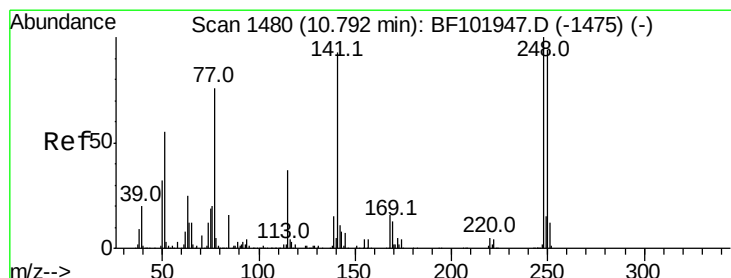
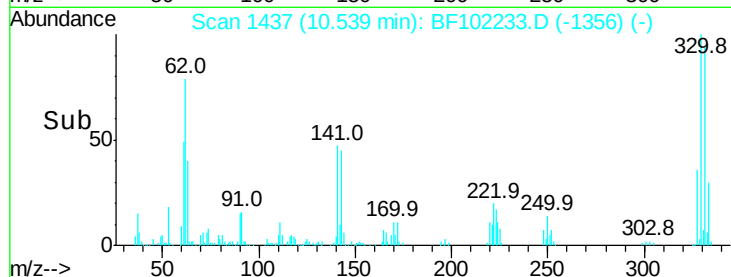
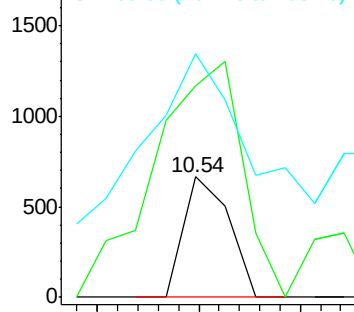
105 202.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.621 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

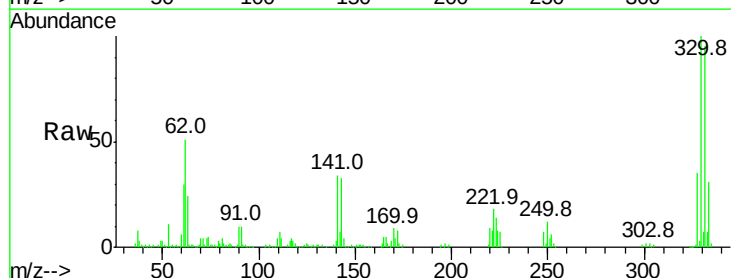
Tgt Ion:248 Resp: 12100

Ion Ratio Lower Upper

248 100

250 186.6 76.9 115.3#

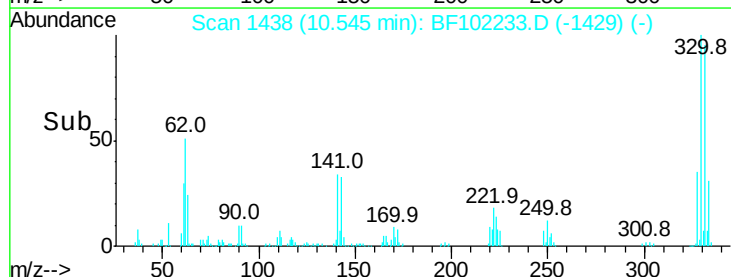
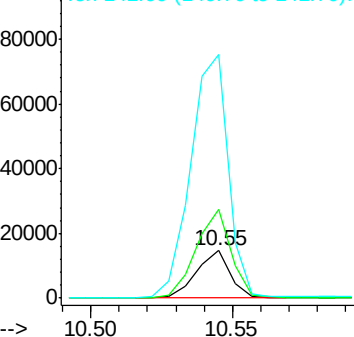
141 511.5 74.4 111.6#

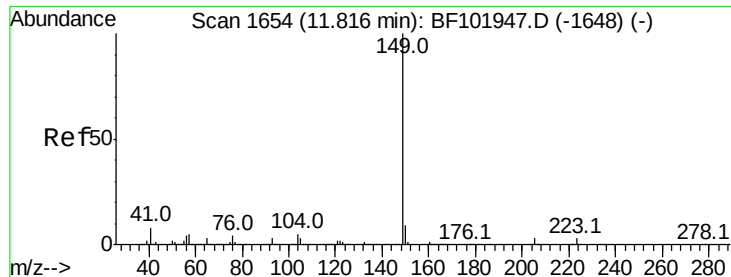


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 141.808 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

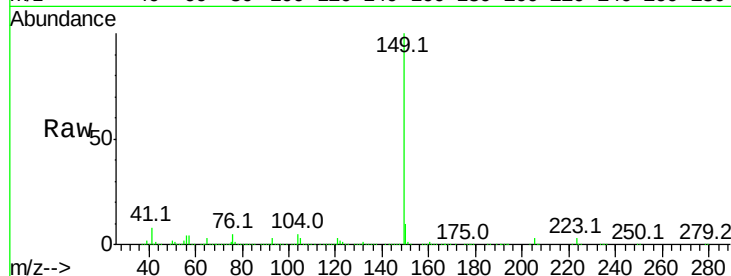
Tot Ion:149 Resp: 3205714

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

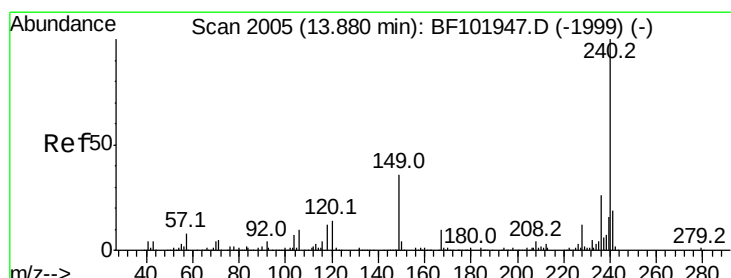
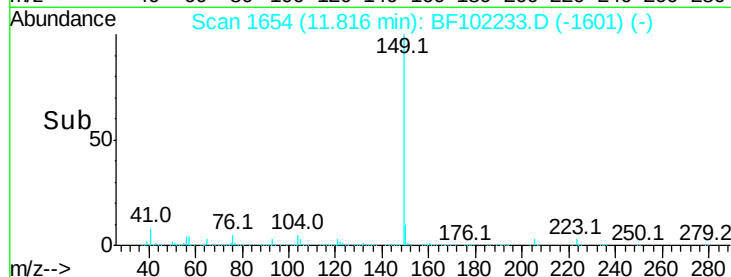
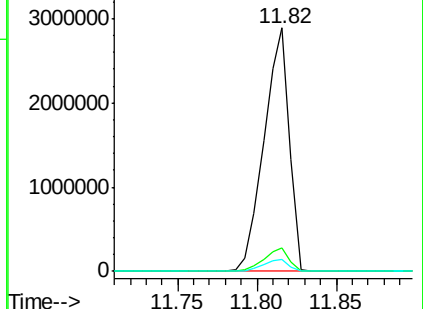
104 5.1 3.8 5.8



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# 2004

Delta R.T. 0.00 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

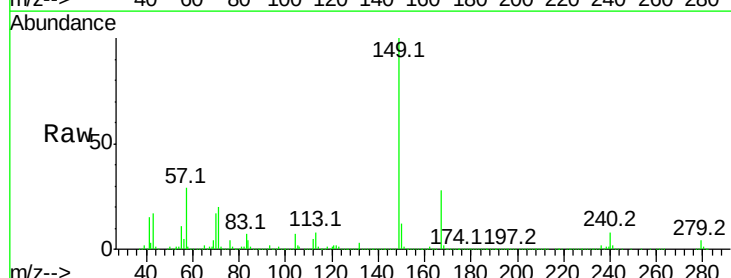
Tgt Ion:240 Resp: 145455

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

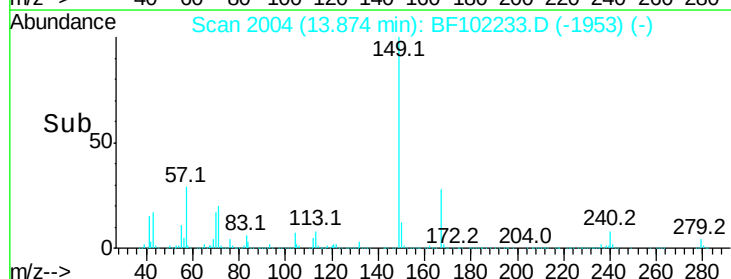
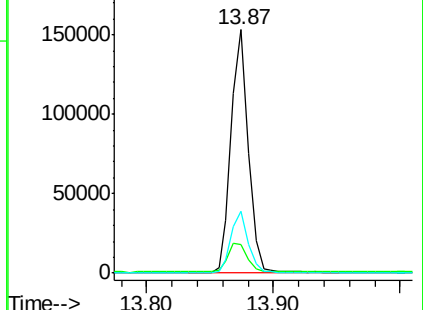
236 25.4 20.7 31.1

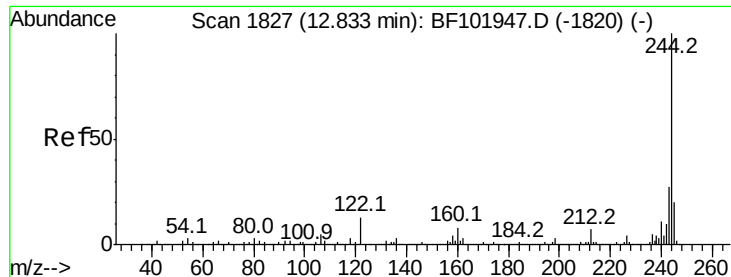


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.232 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

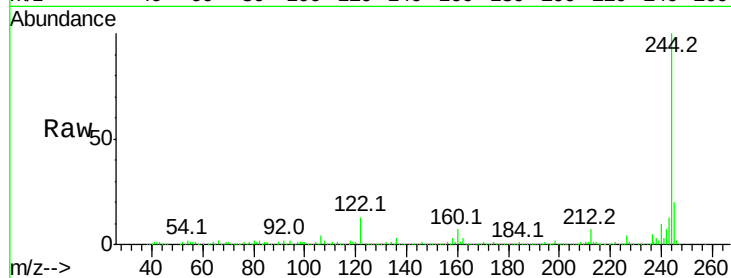
Tot Ion:244 Resp: 793263

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

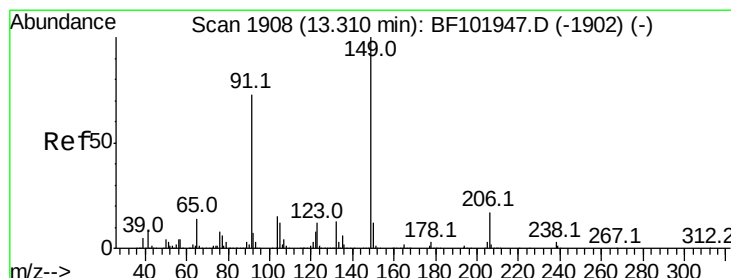
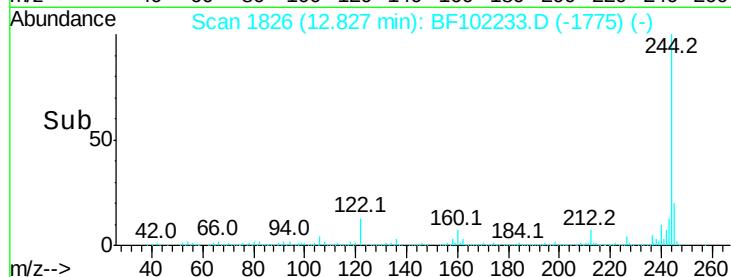
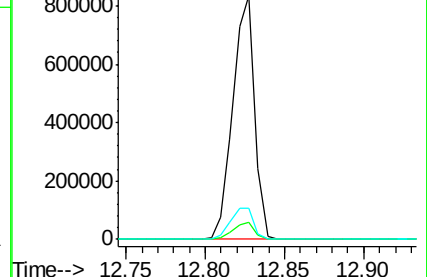
122 12.8 11.0 16.4



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: 101.052 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

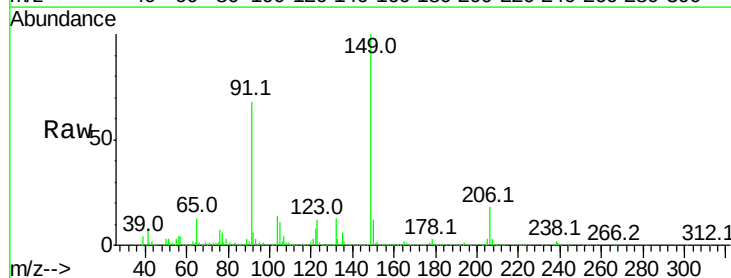
Tgt Ion:149 Resp: 596258

Ion Ratio Lower Upper

149 100

91 68.4 56.8 85.2

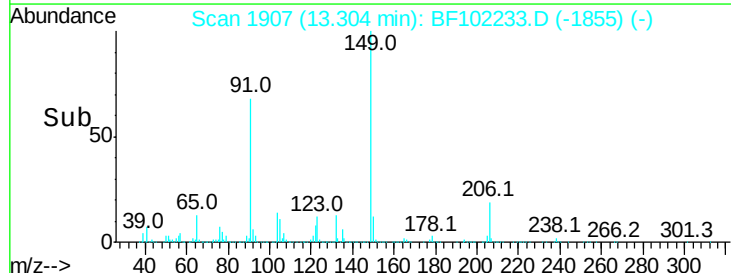
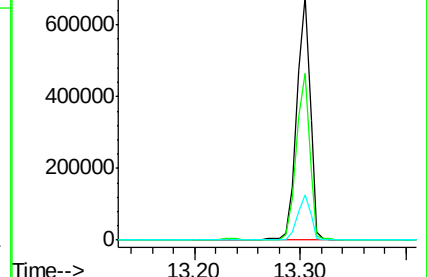
206 18.5 14.1 21.1

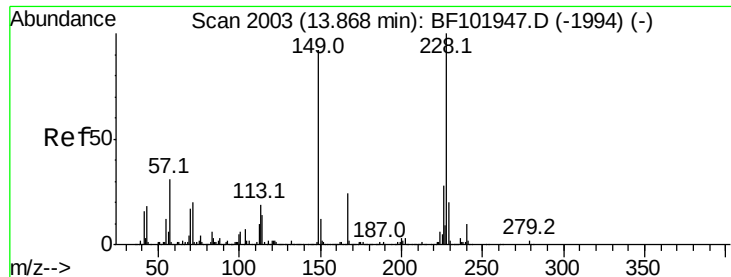


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 441.191 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

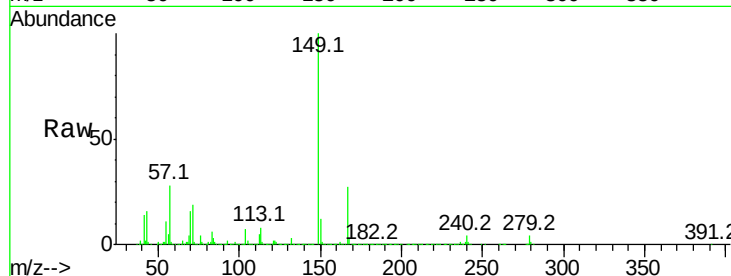
Tot Ion:149 Resp: 2986354

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

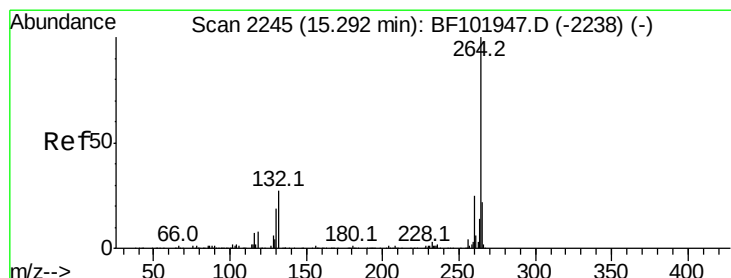
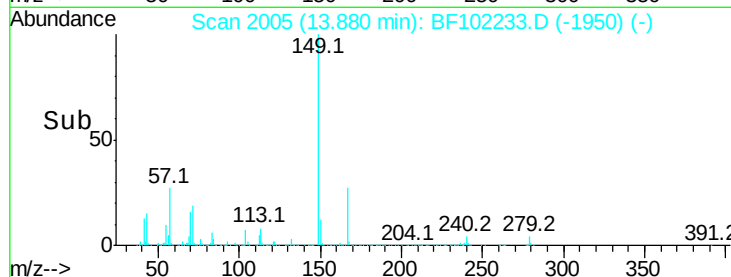
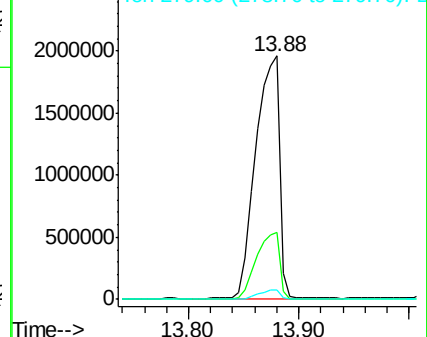
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

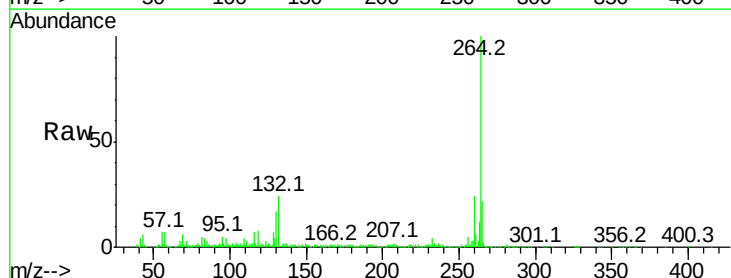
Tgt Ion:264 Resp: 282875

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

