

Data Path : Z:\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 :
 22C-2

Quant Time: Jan 20 00:52:40 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

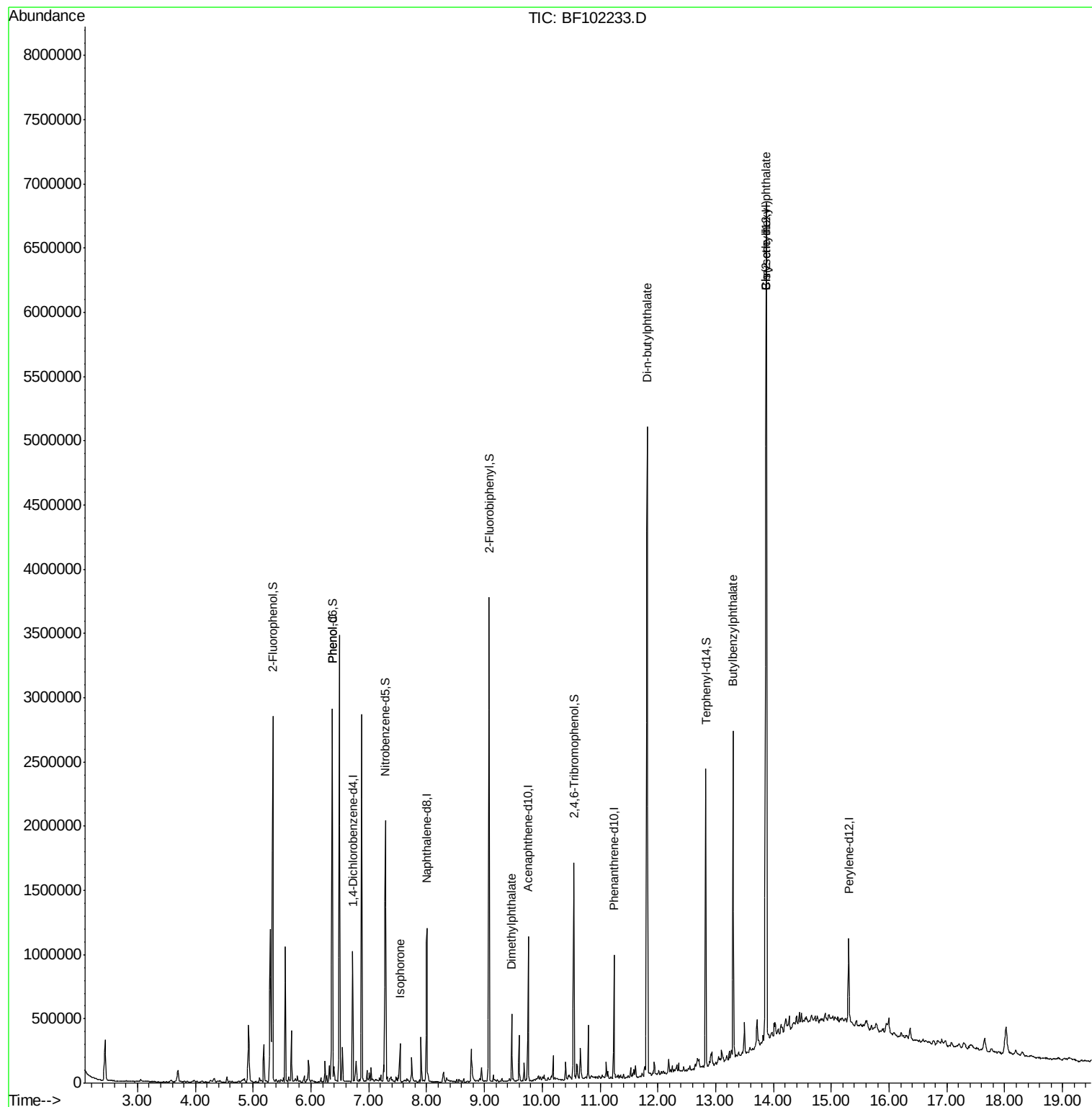
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139359	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	547842	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	219819	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	316439	20.00	ng	0.00
75) Chrysene-d12	13.87	240	145455	20.00	ng	0.00
86) Perylene-d12	15.30	264	282875	20.00	ng	0.00
System Monitoring Compounds						
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						
10) Phenol	6.37	94	85419	6.419	ng	91
25) Isophorone	7.54	82	104541	5.675	ng	100
49) Dimethylphthalate	9.47	163	171820	9.744	ng	100
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

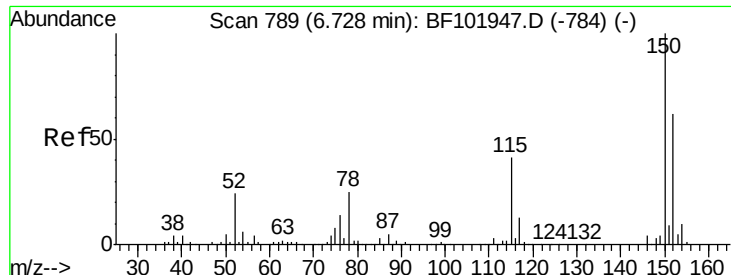
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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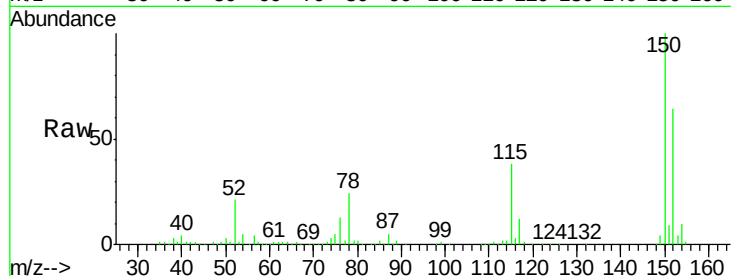


#1

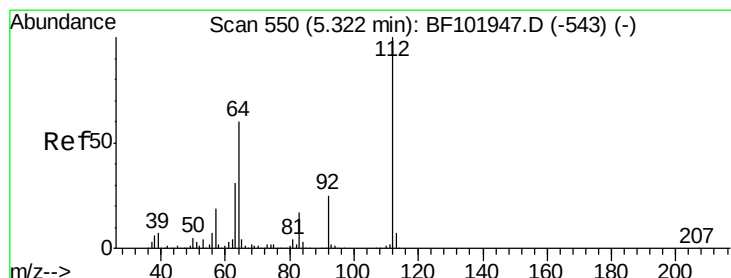
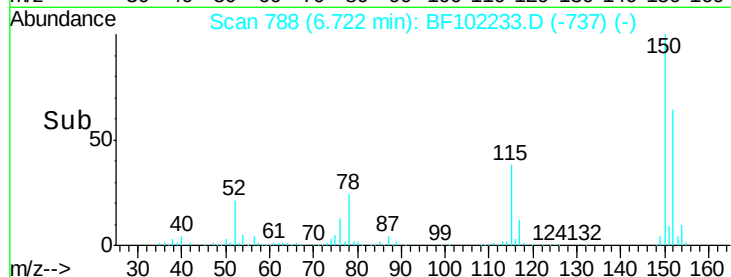
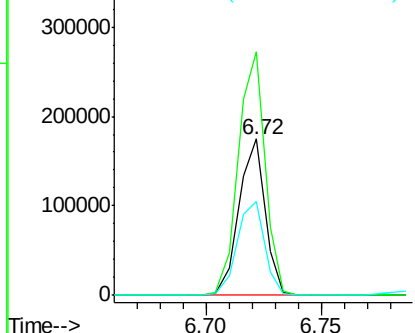
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
22C-2

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



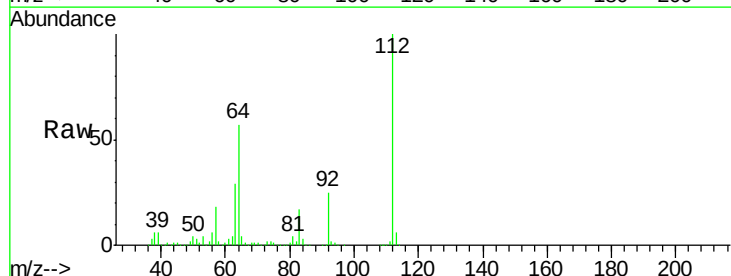
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



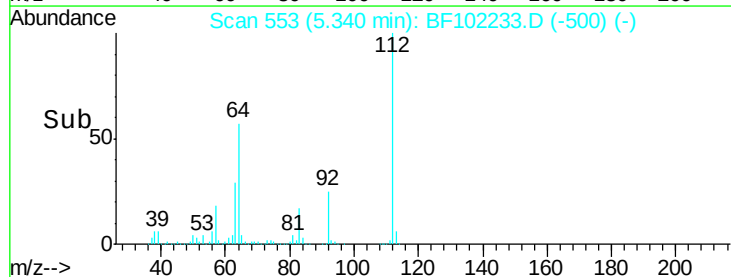
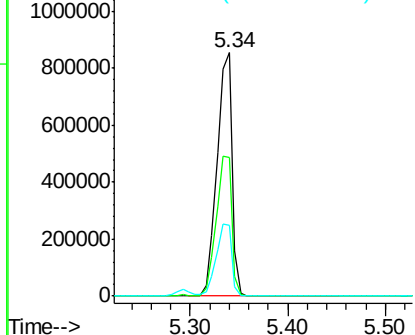
#5

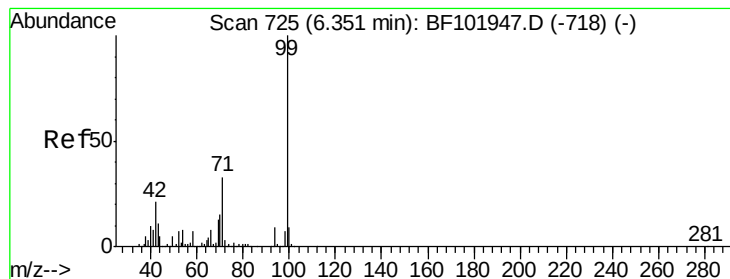
2-Fluorophenol
Concen: 92.743 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

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

ClientSampleId :

22C-2

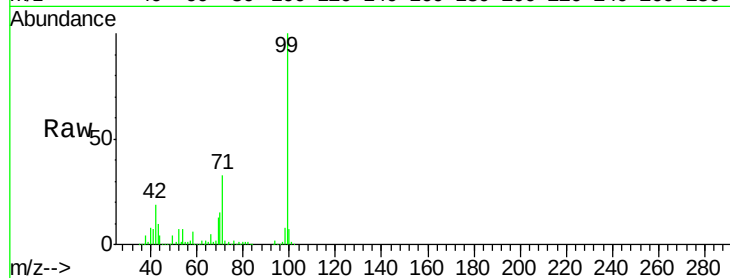
Tot Ion: 99 Resp: 1110870

Ion Ratio Lower Upper

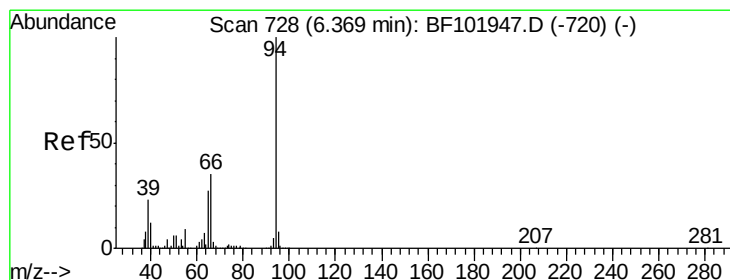
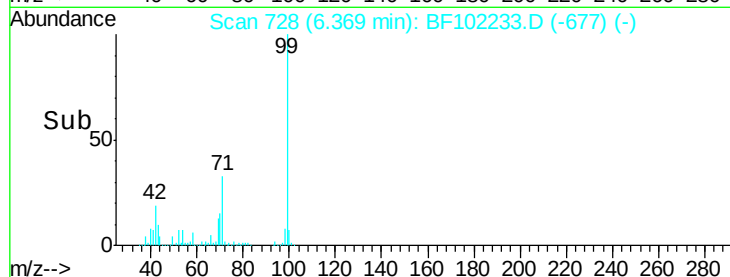
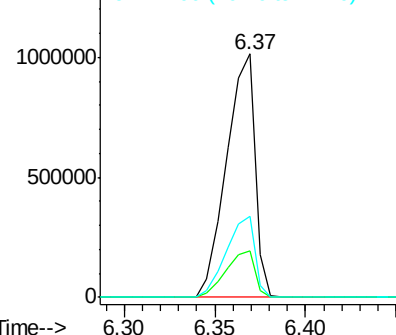
99 100

42 19.0 14.5 21.7

71 33.3 25.4 38.0



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



#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

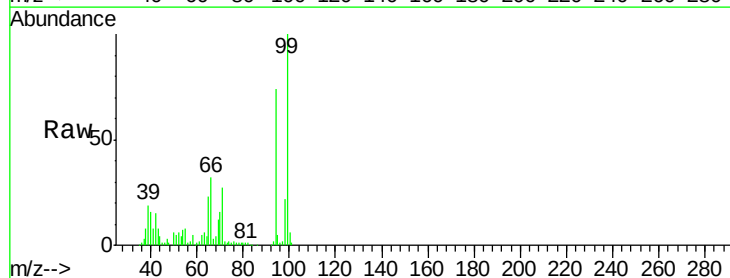
Tgt Ion: 94 Resp: 85419

Ion Ratio Lower Upper

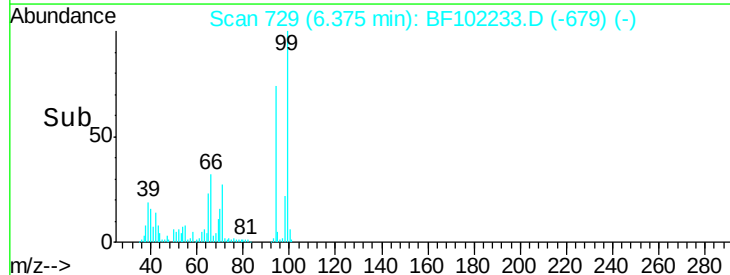
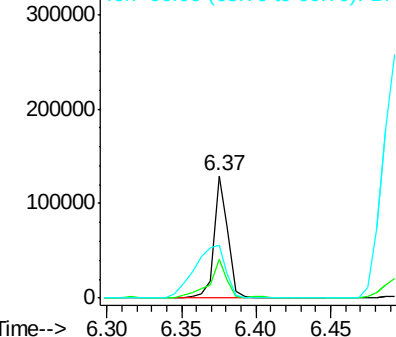
94 100

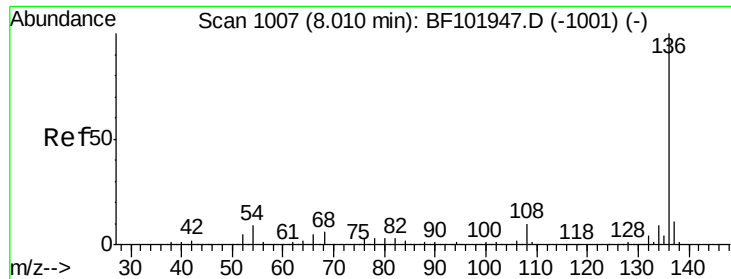
65 31.3 7.9 47.9

66 42.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

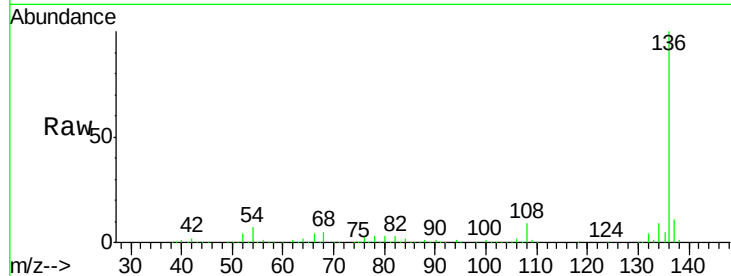




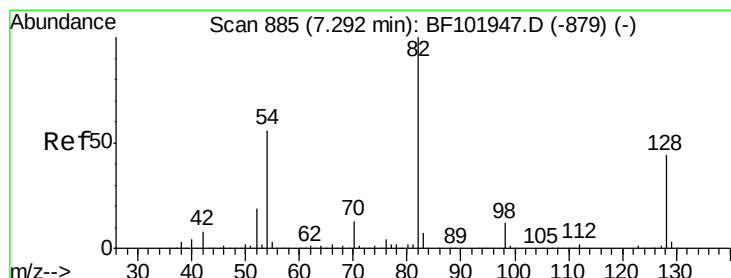
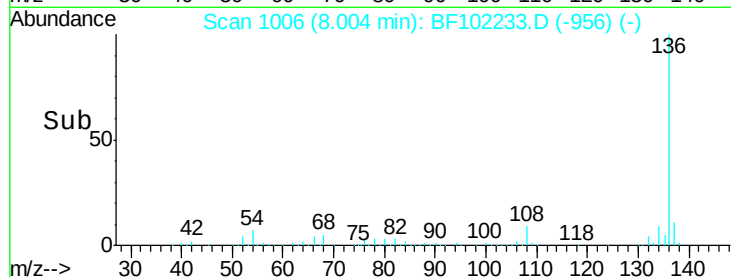
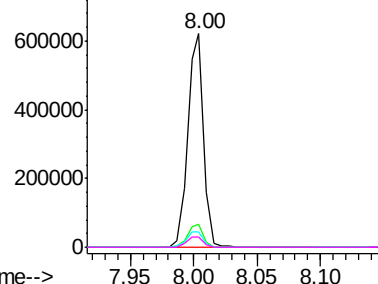
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
22C-2

Tot 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

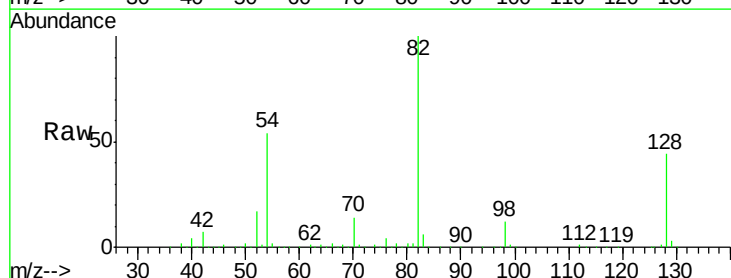


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

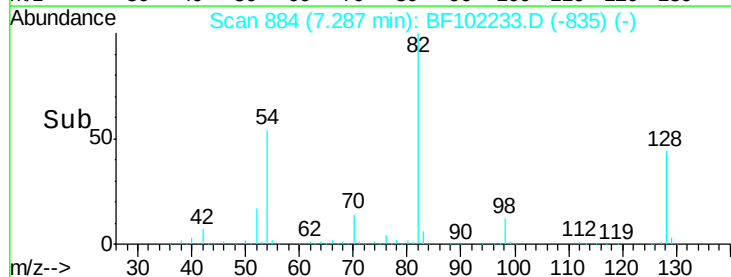
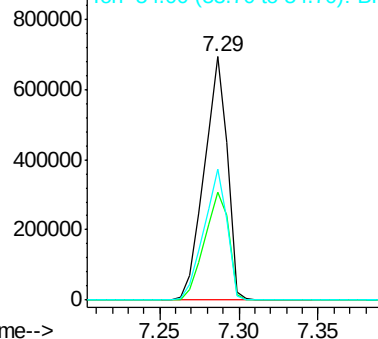


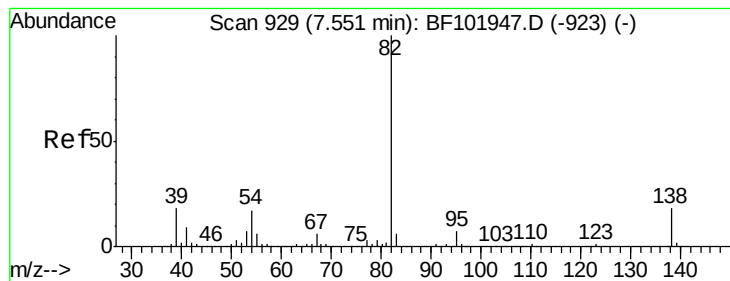
#23
Nitrobenzene-d5
Concen: 75.078 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102233.D
Acq: 19 Jan 2018 22:51

Tgt Ion: 82	Resp:	699929
Ion	Ratio	Lower Upper
82	100	
128	44.5	36.1 54.1
54	53.7	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: 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

Instrument :

BNA_F

ClientSampleId :

22C-2

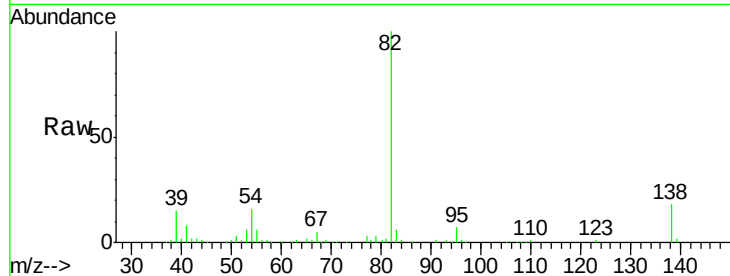
Tot Ion: 82 Resp: 104541

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

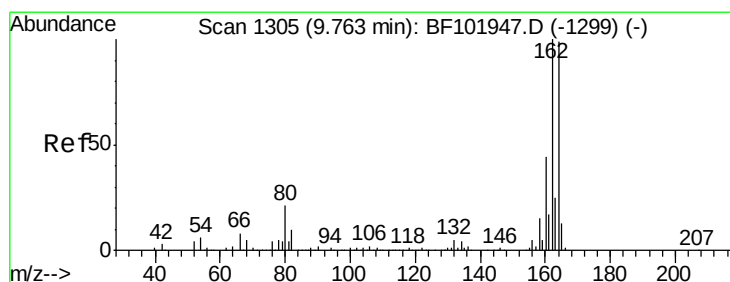
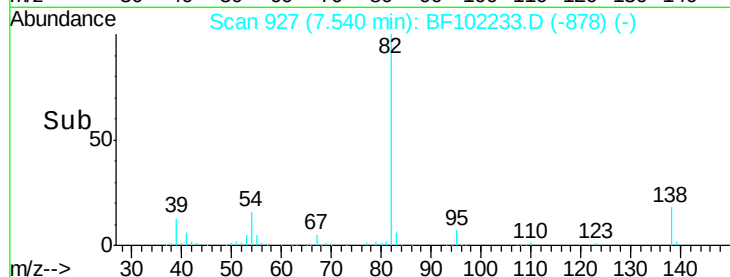
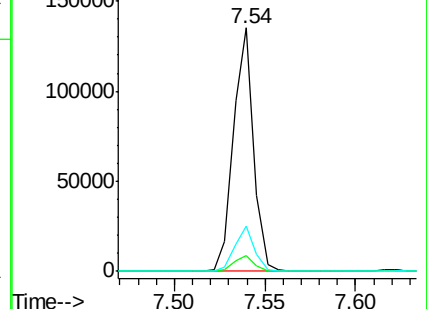
138 18.4 14.9 22.3



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: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102233.D

Acq: 19 Jan 2018 22:51

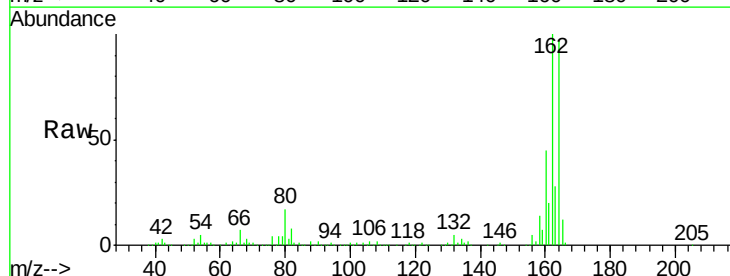
Tgt Ion: 164 Resp: 219819

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

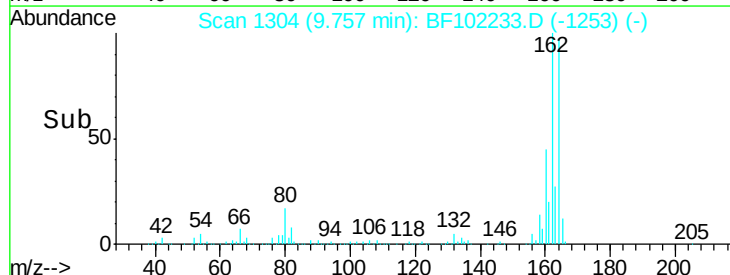
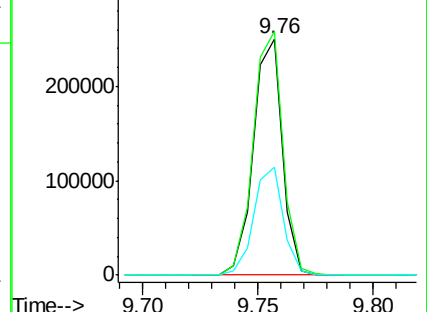
160 46.0 38.3 57.5

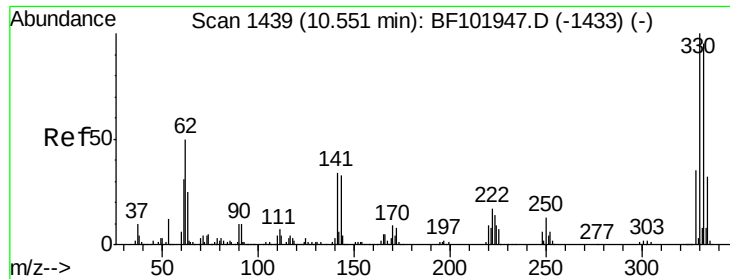


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

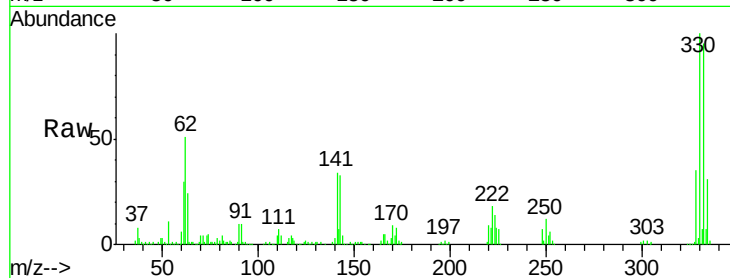




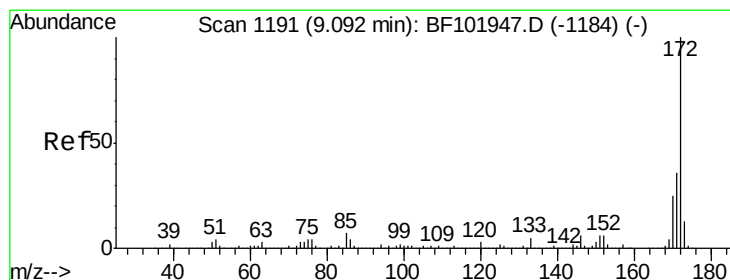
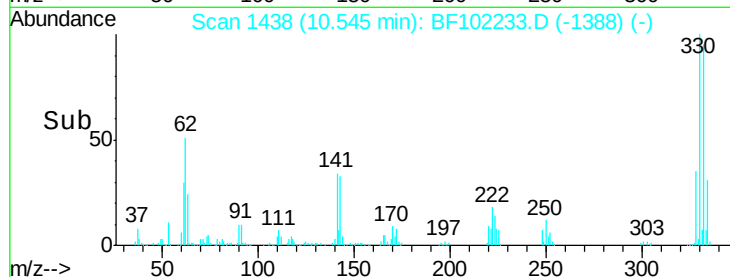
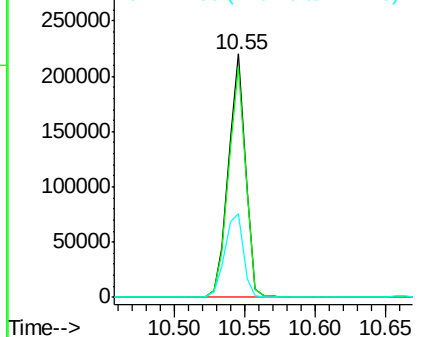
#41
 2,4,6-Tribromophenol
 Concen: 96.658 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 22C-2

Tot Ion:330 Resp: 185423
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.9 29.9 44.9

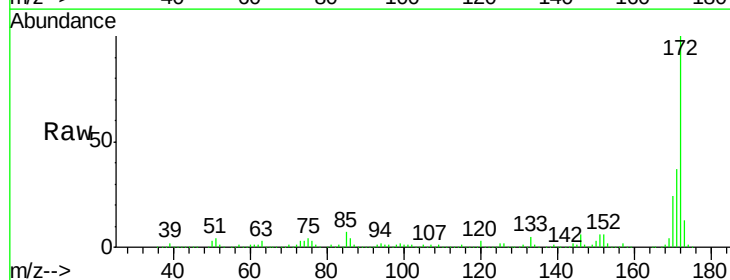


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

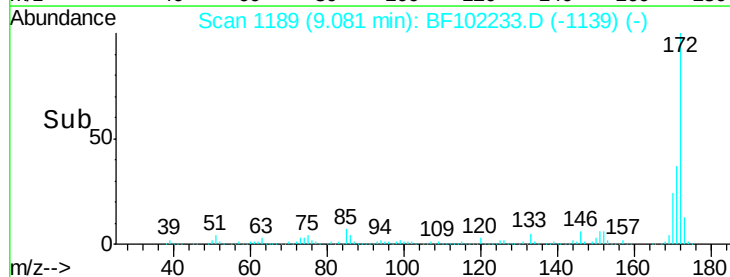
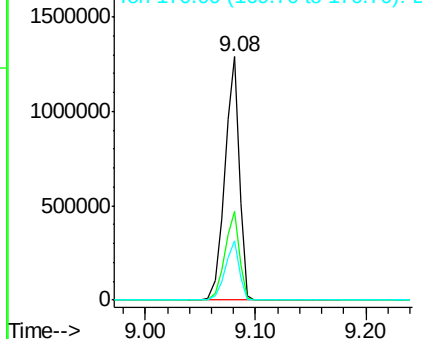


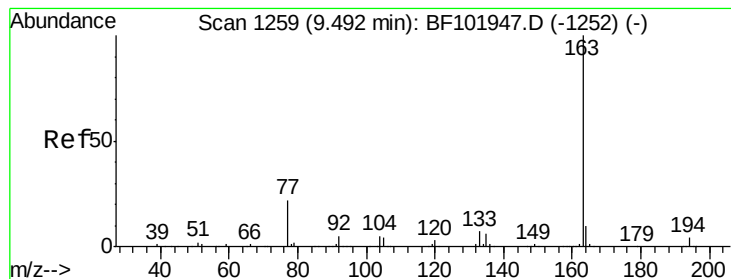
#44
 2-Fluorobiphenyl
 Concen: 83.729 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Tgt Ion:172 Resp: 1178111
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 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: 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

Instrument :

BNA_F

ClientSampleId :

22C-2

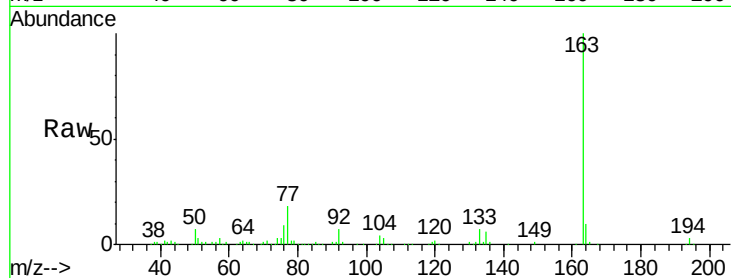
Tot Ion:163 Resp: 171820

Ion Ratio Lower Upper

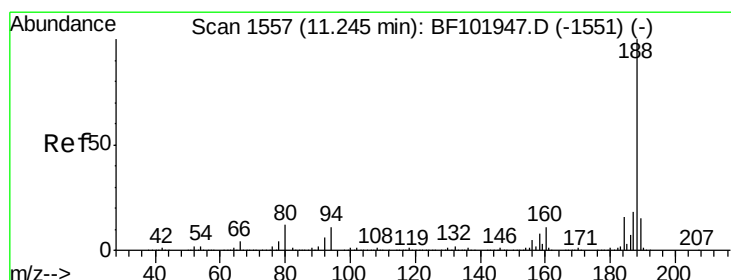
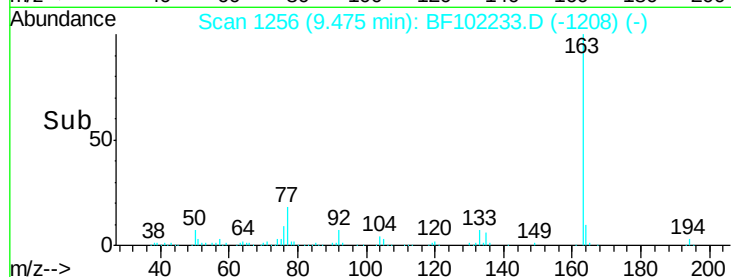
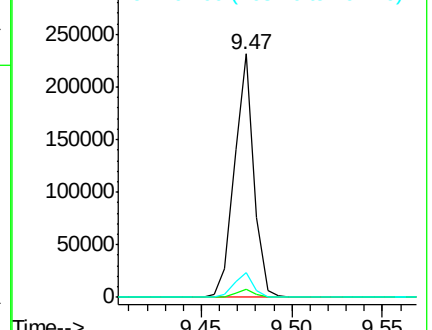
163 100

194 3.5 2.7 4.1

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#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

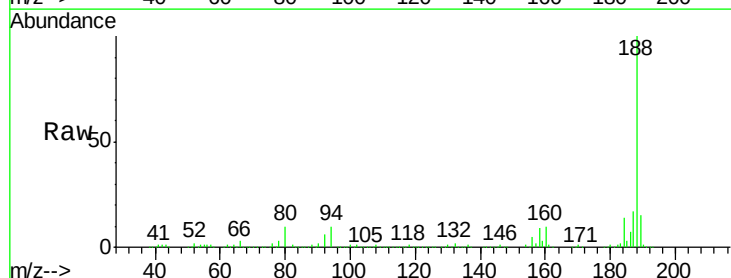
Tgt Ion:188 Resp: 316439

Ion Ratio Lower Upper

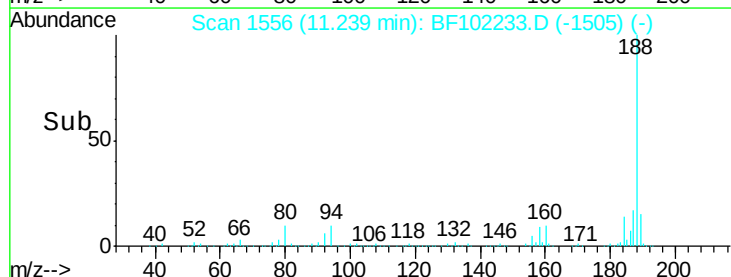
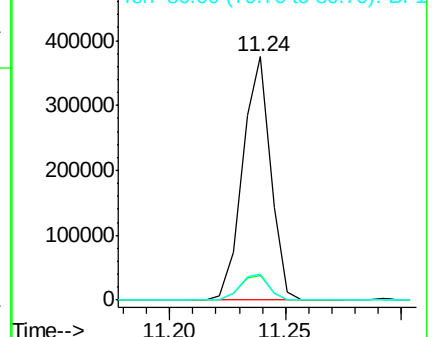
188 100

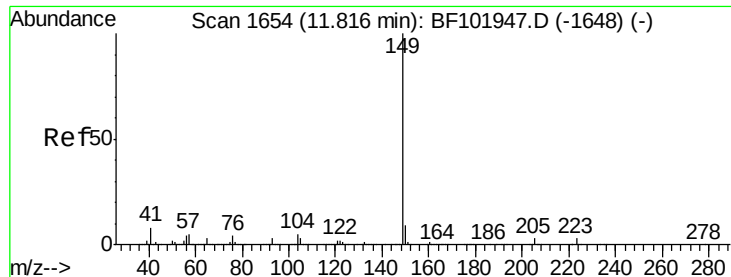
94 10.1 8.5 12.7

80 10.5 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: 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 :

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ClientSampleId :

22C-2

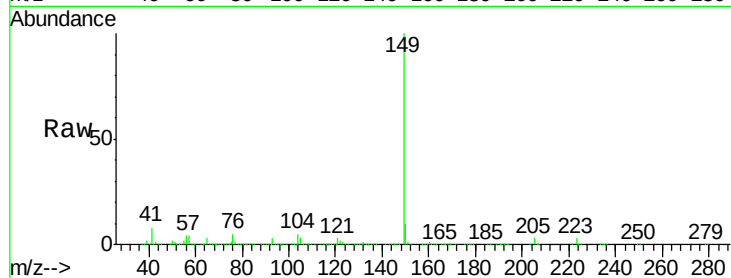
Tot Ion:149 Resp: 3205714

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

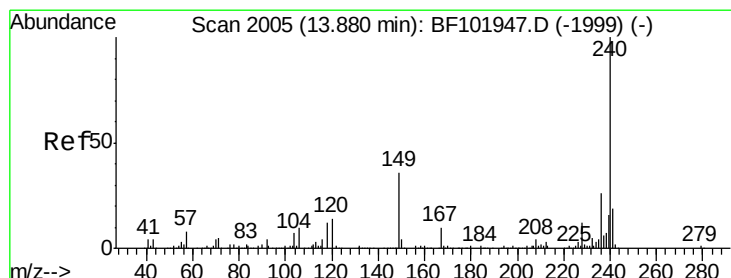
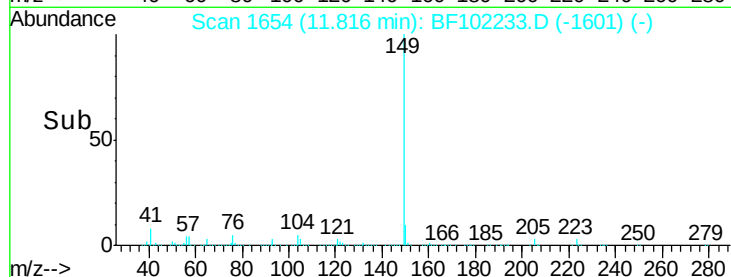
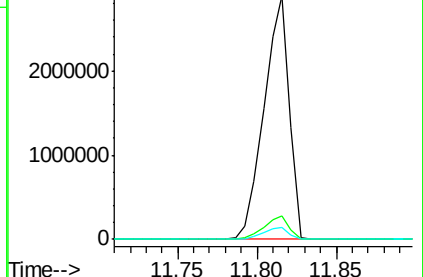
104 5.1 3.8 5.8



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

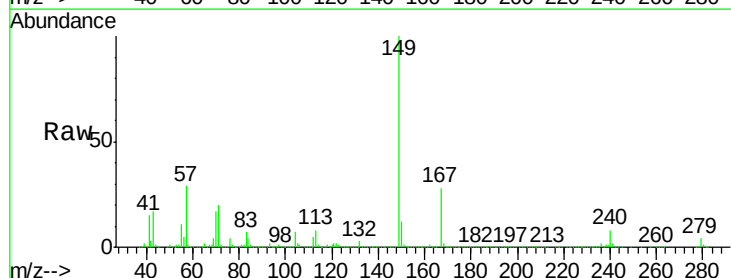
Tgt Ion:240 Resp: 145455

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

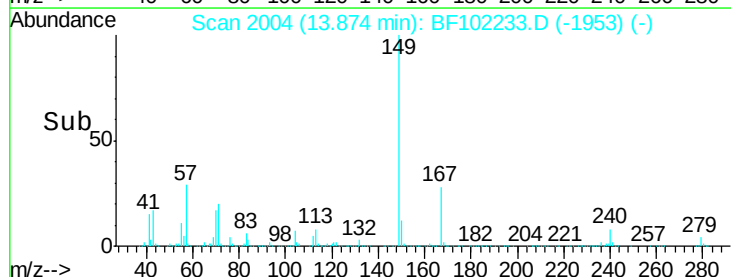
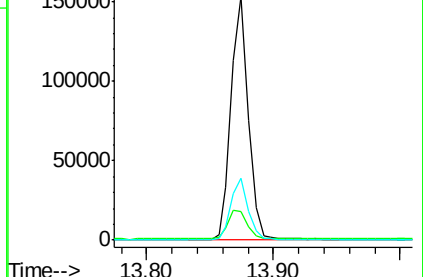
236 25.4 20.7 31.1

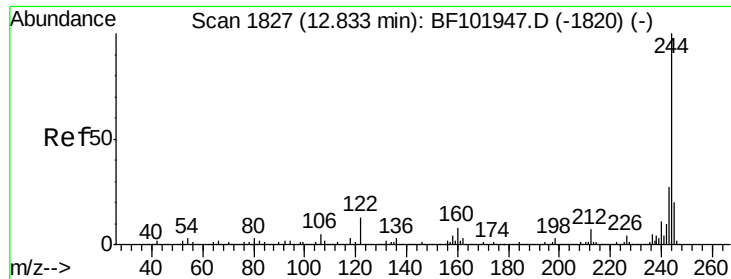


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

22C-2

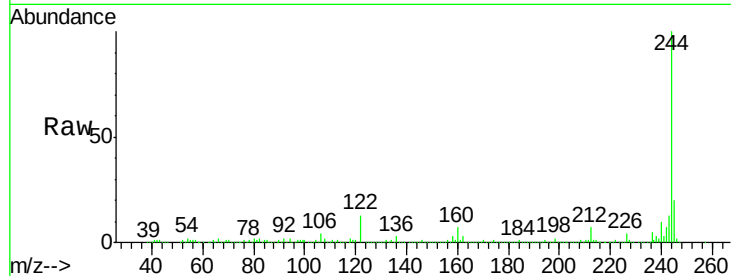
Tot Ion:244 Resp: 793263

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

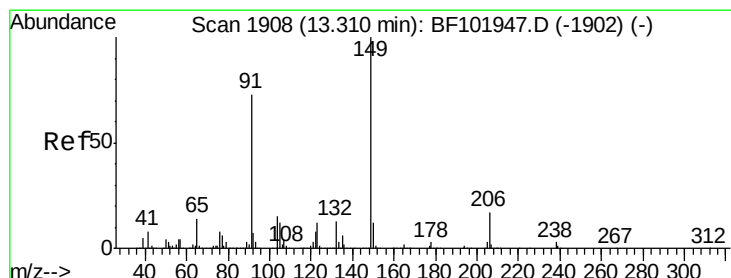
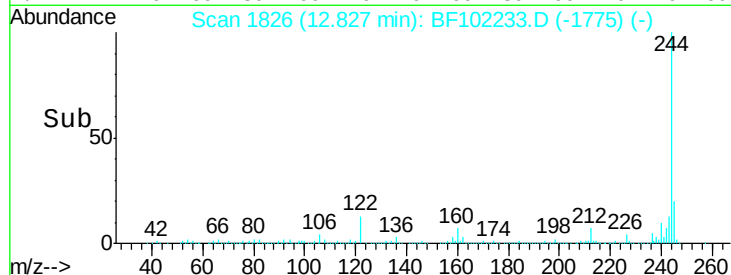
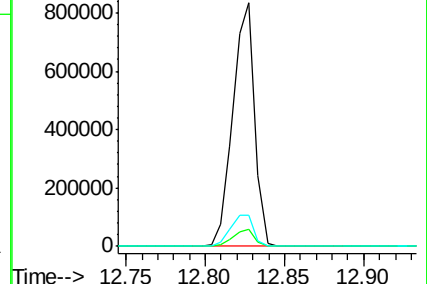
122 12.8 11.0 16.4



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

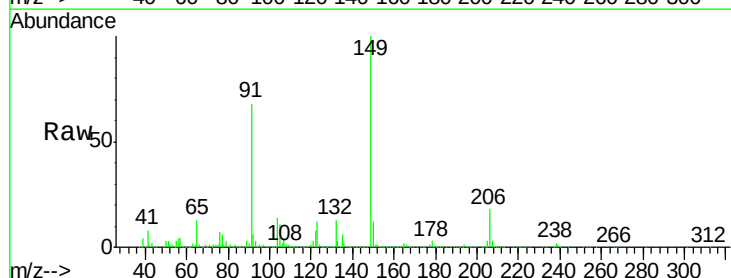
Tgt Ion:149 Resp: 596258

Ion Ratio Lower Upper

149 100

91 68.4 56.8 85.2

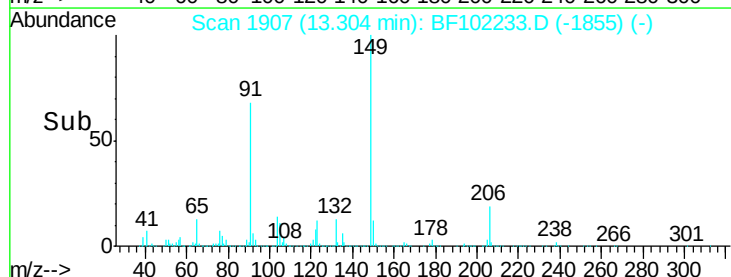
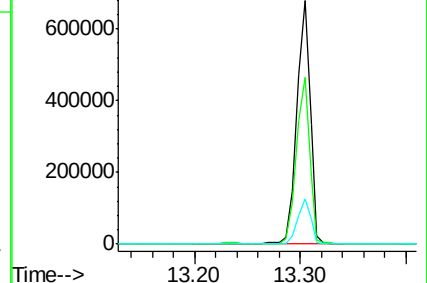
206 18.5 14.1 21.1

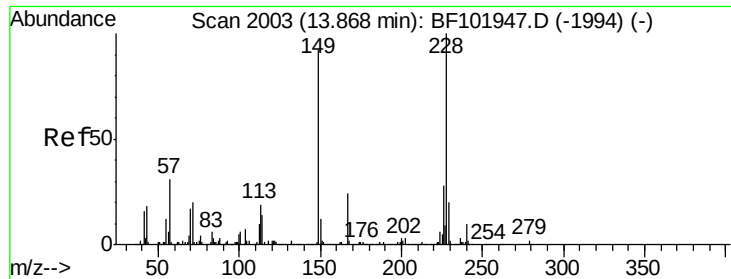


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

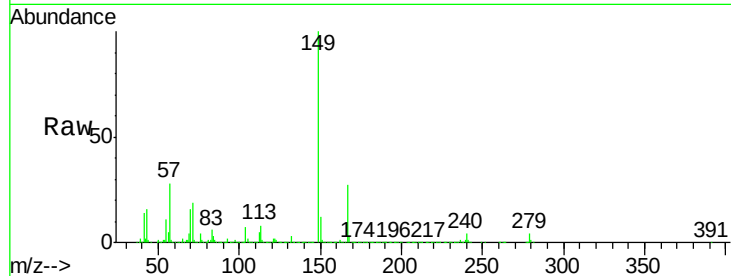




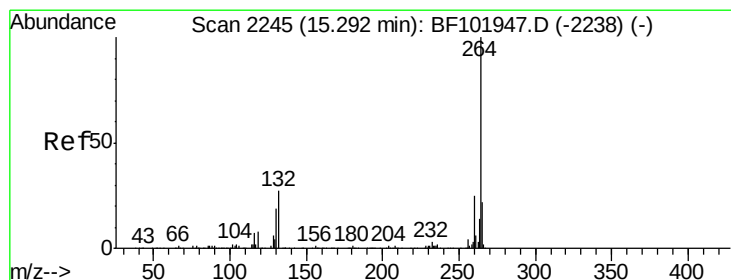
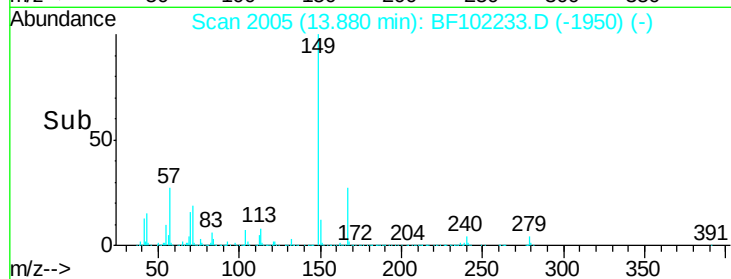
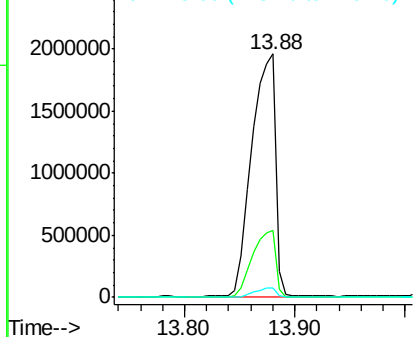
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 441.191 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.02 min
 Lab File: BF102233.D
 Acq: 19 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 22C-2

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

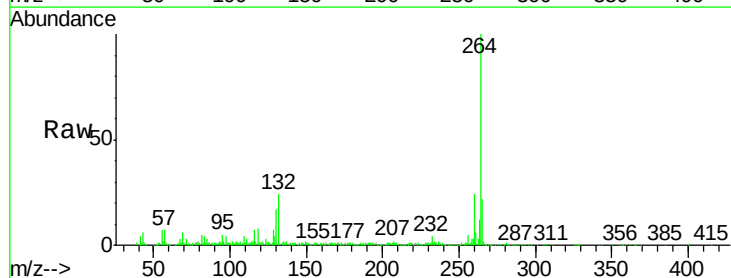


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

