

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102228.D
 Acq On : 19 Jan 2018 20:37
 Operator : SJ/JU
 Sample : J1189-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-2

Quant Time: Jan 19 23:13:39 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

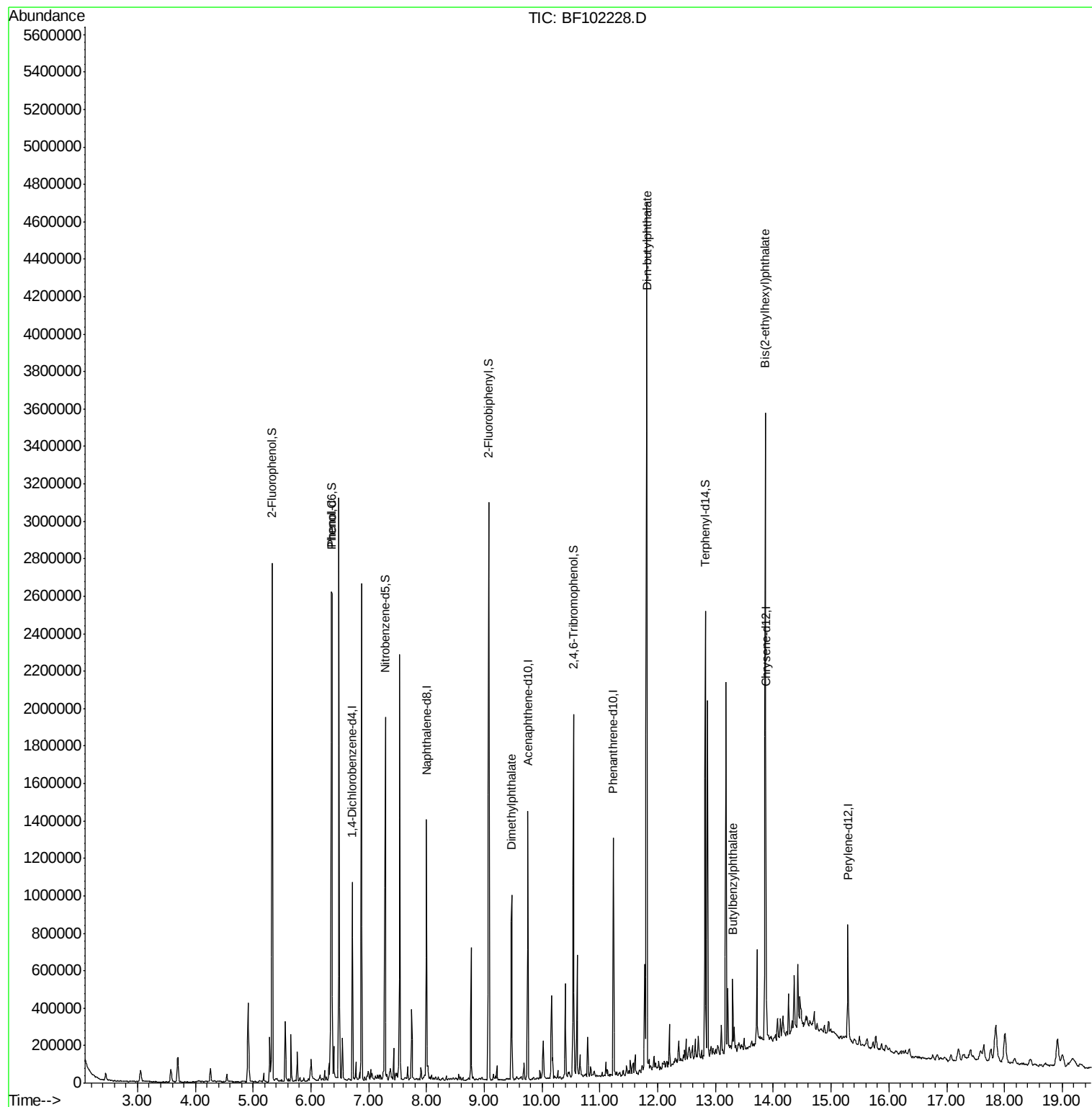
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144320	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	593520	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	267194	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	452724	20.00	ng	0.00
75) Chrysene-d12	13.87	240	265743	20.00	ng	0.00
86) Perylene-d12	15.29	264	261469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	885892	86.68	ng	0.00
7) Phenol-d6	6.36	99	1064271	87.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	661050	65.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	242922	104.18	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	998039	58.35	ng	-0.01
78) Terphenyl-d14	12.82	244	786278	61.43	ng	0.00
Target Compounds						
10) Phenol	6.37	94	41262	2.994	ng	93
49) Dimethylphthalate	9.47	163	379814	17.720	ng	100
73) Di-n-butylphthalate	11.81	149	2952332	91.284	ng	99
79) Butylbenzylphthalate	13.30	149	80088	7.429	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	995452	80.496	ng	100

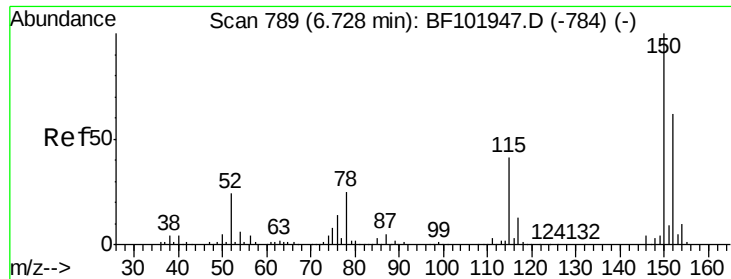
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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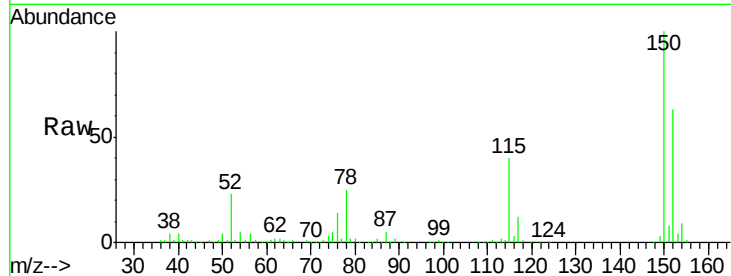


#1

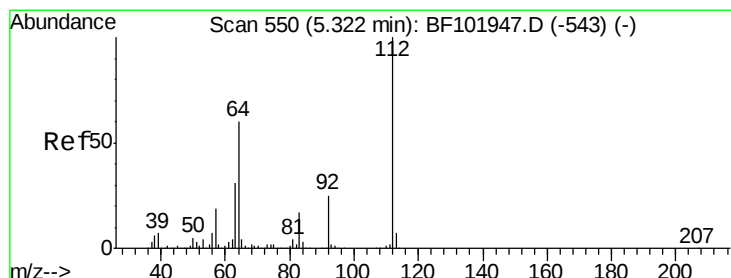
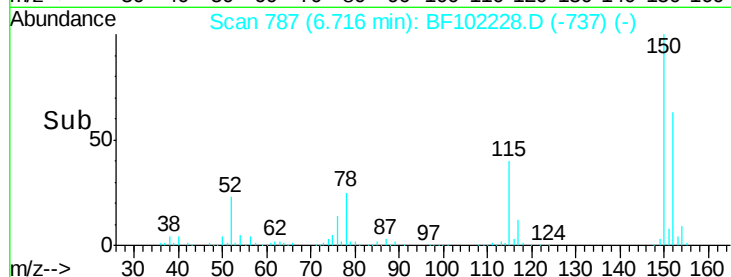
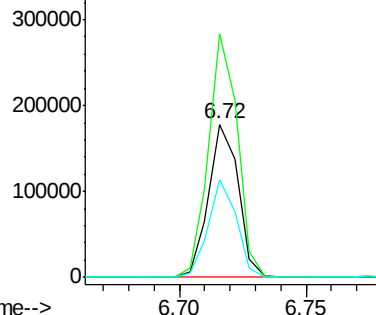
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 144320
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.9 50.1 75.1



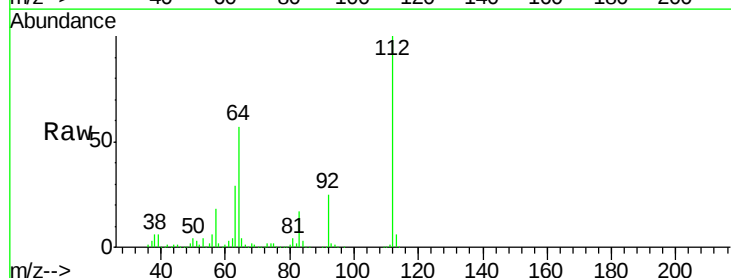
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



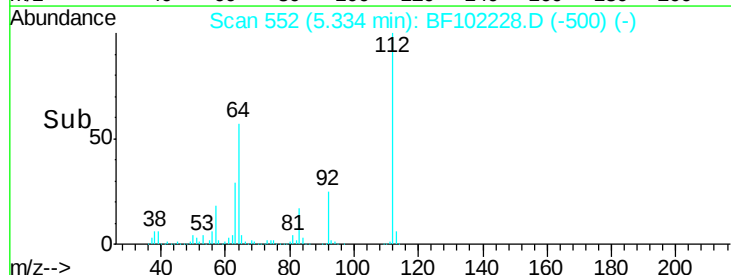
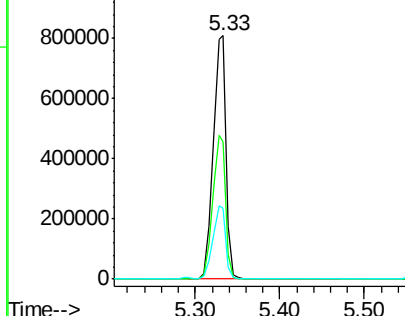
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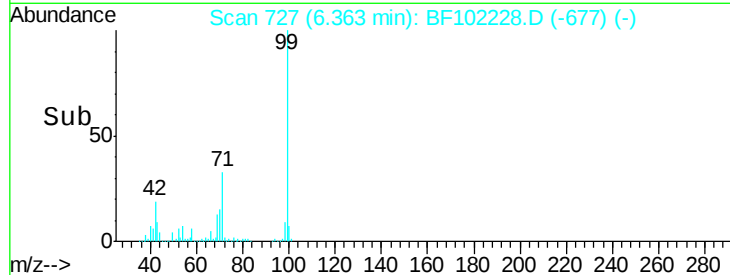
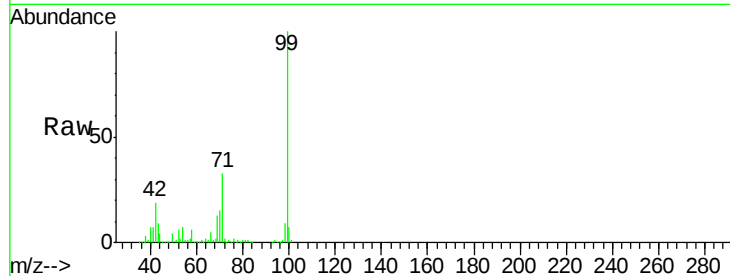
2-Fluorophenol
Concen: 86.679 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Tgt Ion:112 Resp: 885892
Ion Ratio Lower Upper
112 100
64 56.6 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

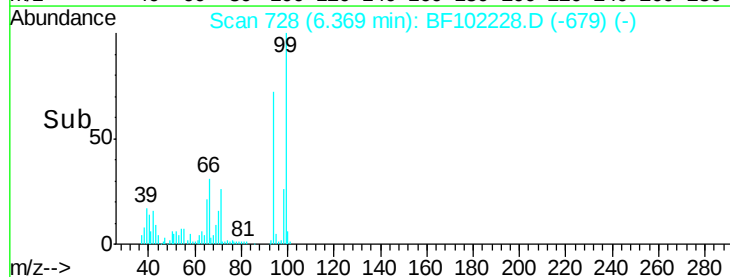
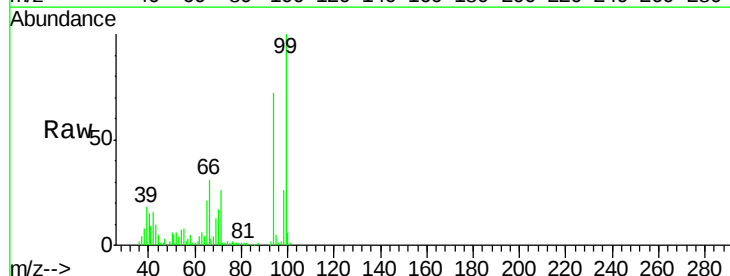
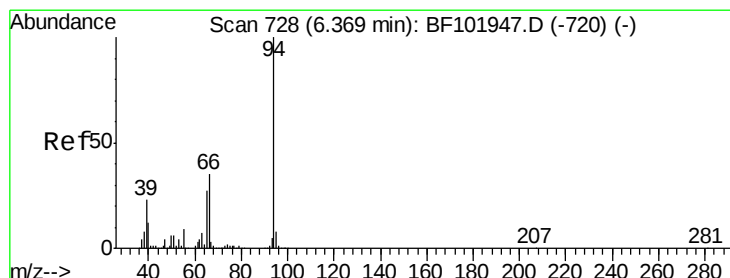
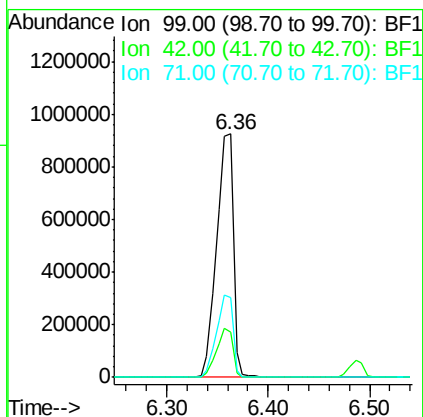




#7
Phenol-d6
Concen: 87.279 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

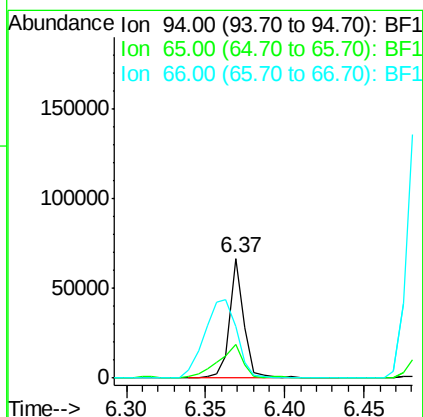
Instrument :
BNA_F
ClientSampleId :
4-2

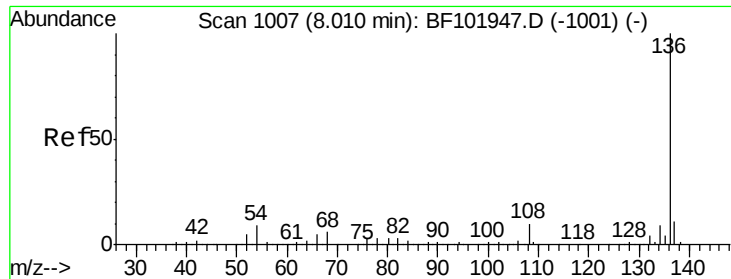
Tot Ion:	99	Resp:	1064271
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	32.5	25.4	38.0



#10
Phenol
Concen: 2.994 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Tgt Ion:	94	Resp:	41262
Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	43.3	16.2	56.2

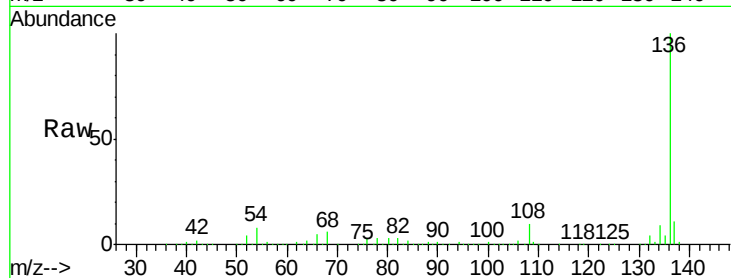




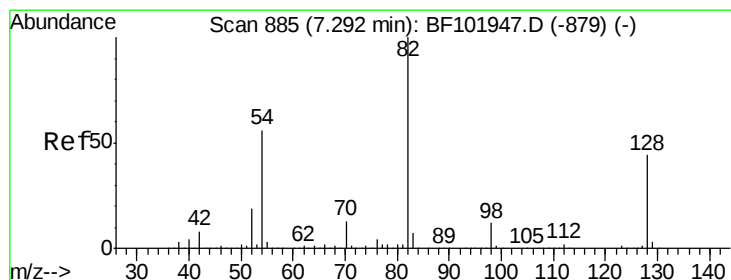
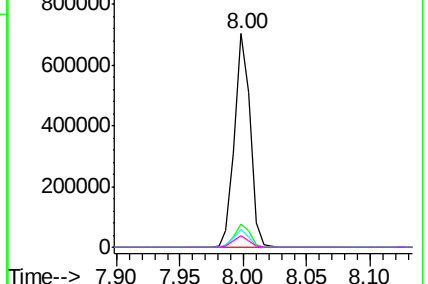
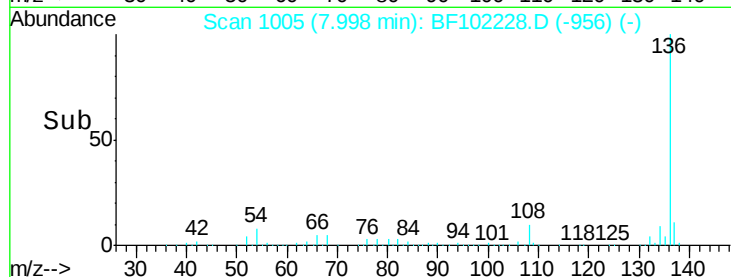
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Instrument :
BNA_F
ClientSampled :
4-2

Tot Ion:136	Resp:	593520
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.4	6.6 9.8
68	5.5	5.0 7.4

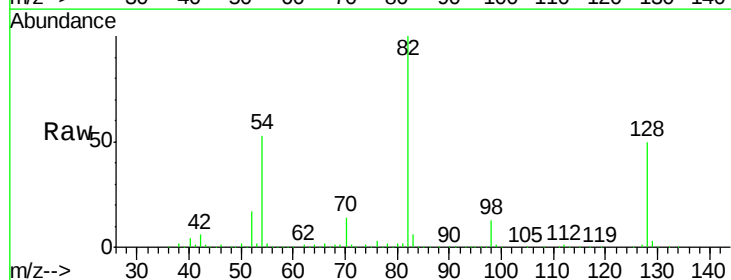


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

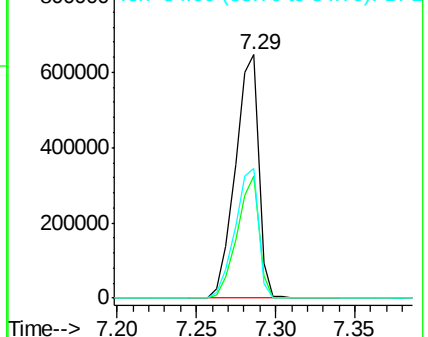
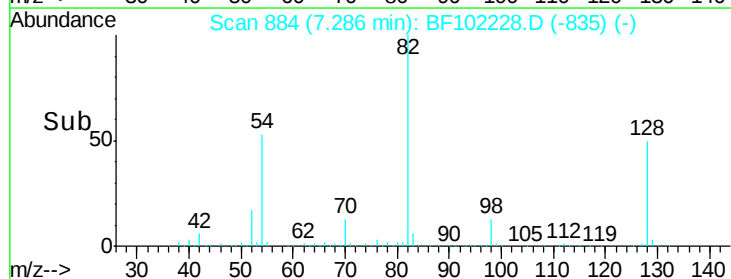


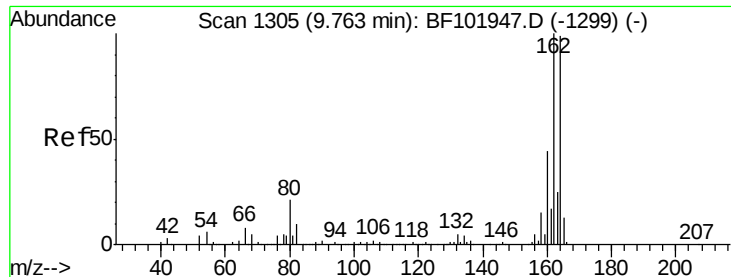
#23
Nitrobenzene-d5
Concen: 65.450 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Tgt Ion: 82	Resp:	661050
Ion Ratio	Lower	Upper
82	100	
128	49.9	36.1 54.1
54	53.3	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

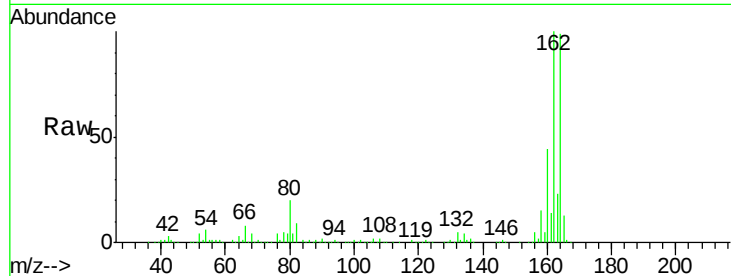




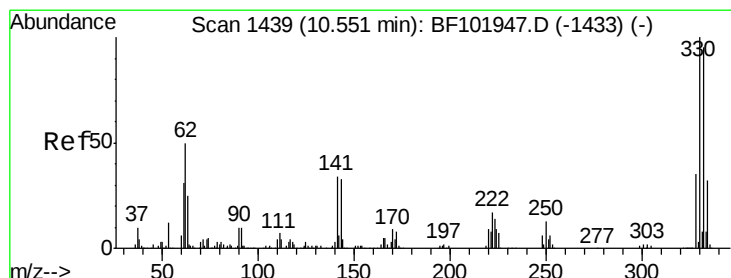
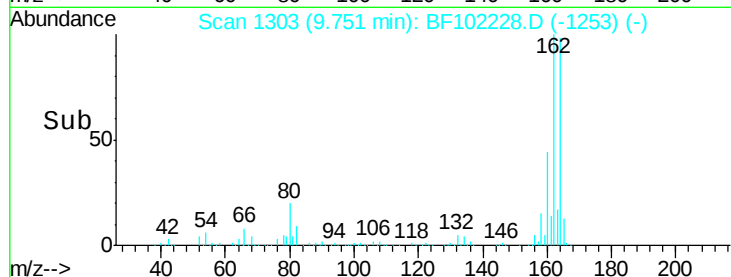
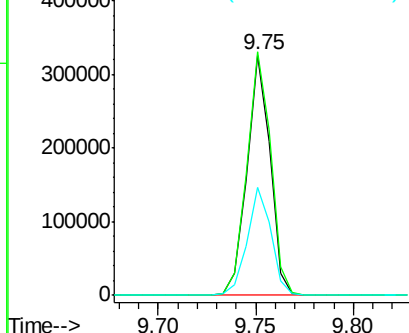
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102228.D
 Acq: 19 Jan 2018 20:37

Instrument :
 BNA_F
 ClientSampled :
 4-2

Tot Ion:164 Resp: 267194
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 45.0 38.3 57.5

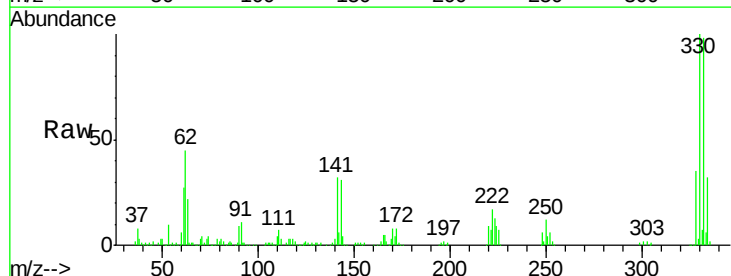


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

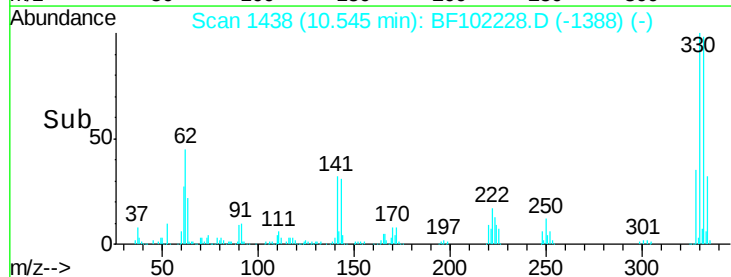
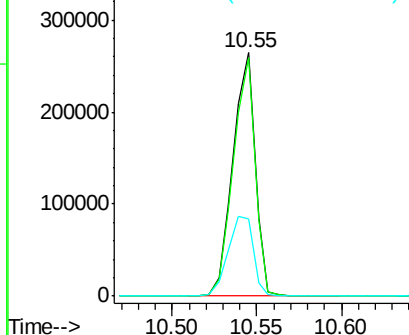


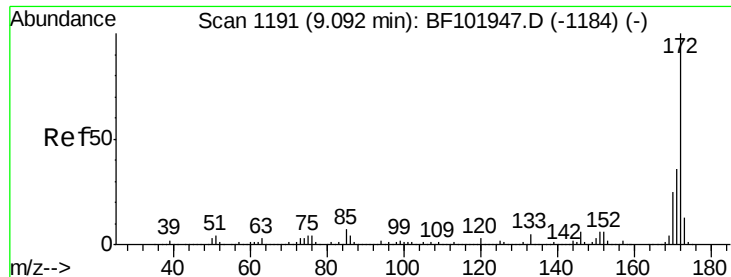
#41
 2,4,6-Tribromophenol
 Concen: 104.179 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102228.D
 Acq: 19 Jan 2018 20:37

Tgt Ion:330 Resp: 242922
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 37.0 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

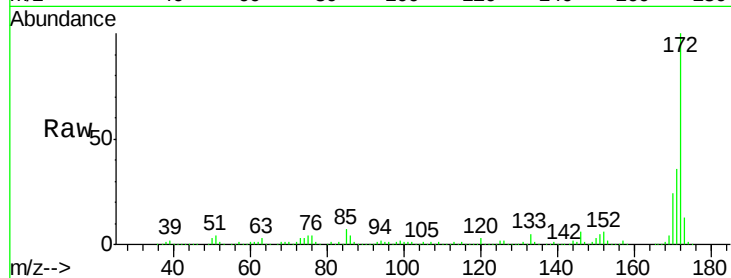




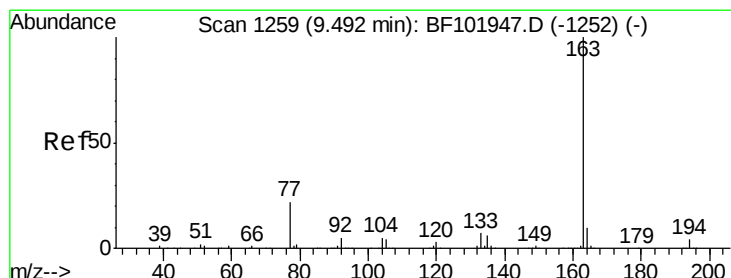
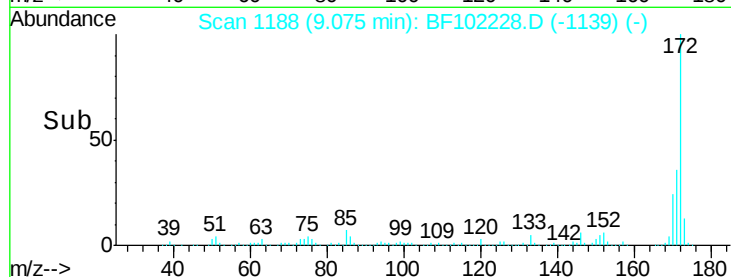
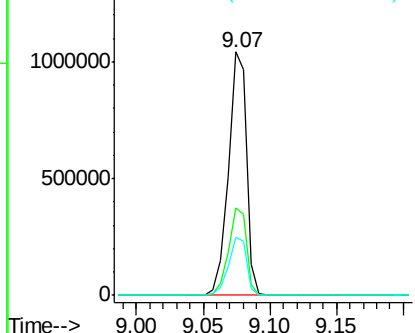
#44
2-Fluorobiphenyl
Concen: 58.355 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 998039
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

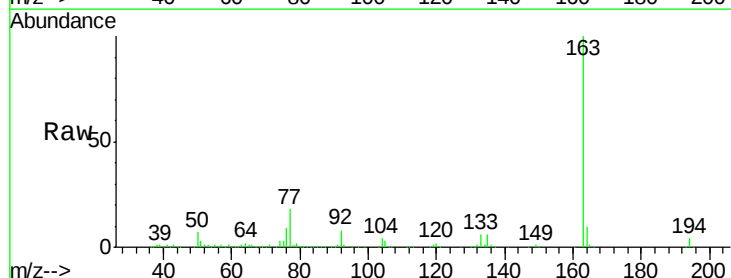


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

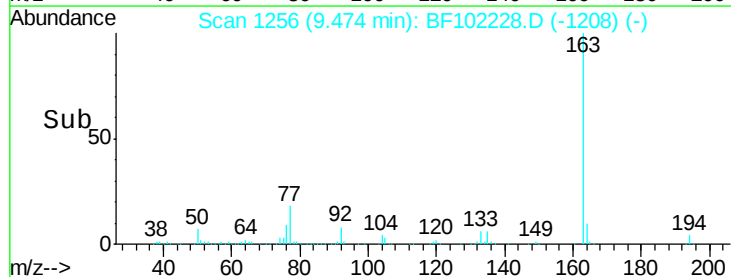
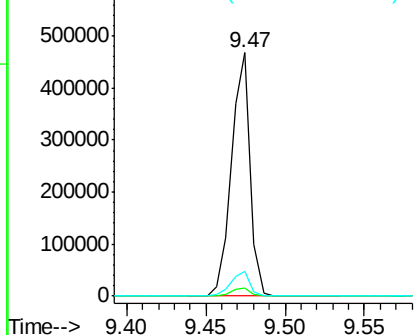


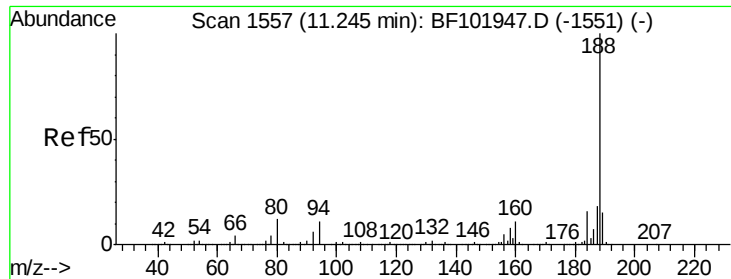
#49
Dimethylphthalate
Concen: 17.720 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Tgt Ion:163 Resp: 379814
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 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

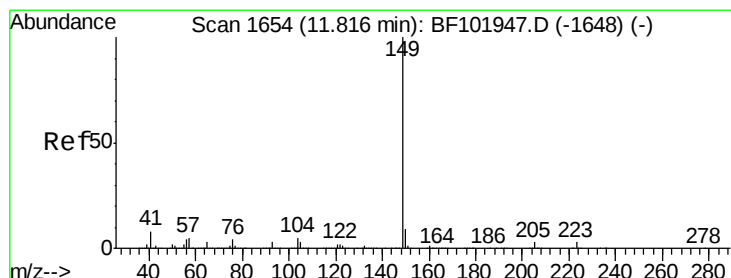
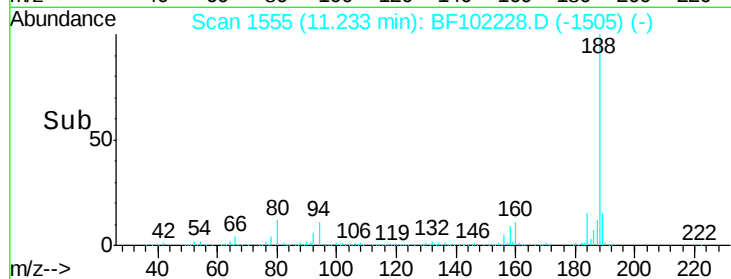
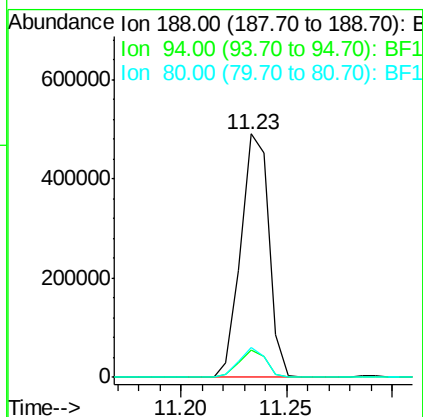
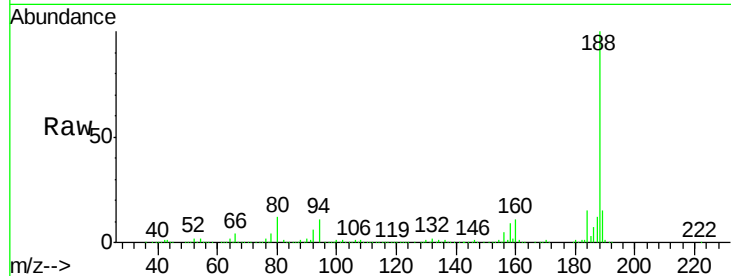




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102228.D
 Acq: 19 Jan 2018 20:37

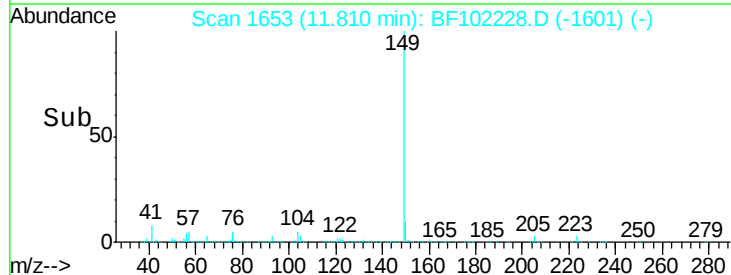
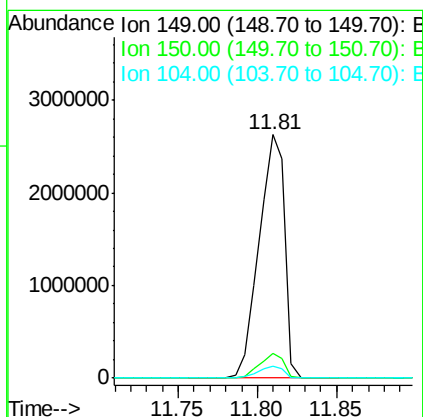
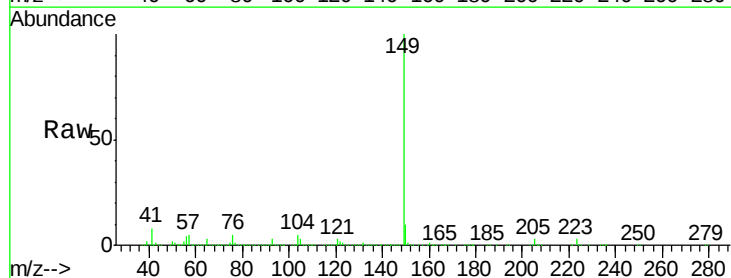
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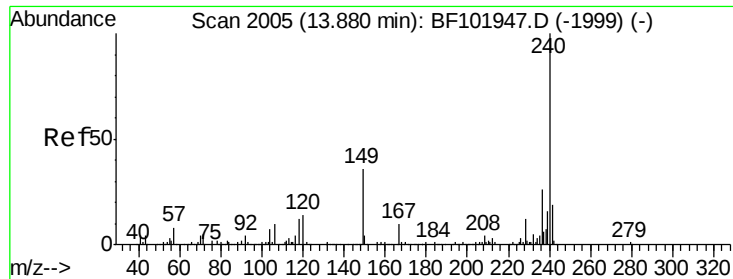
Tot Ion:188 Resp: 452724
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.2 9.2 13.8



#73
 Di-n-butylphthalate
 Concen: 91.284 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF102228.D
 Acq: 19 Jan 2018 20:37

Tgt Ion:149 Resp: 2952332
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102228.D

Acq: 19 Jan 2018 20:37

Instrument :

BNA_F

ClientSampleId :

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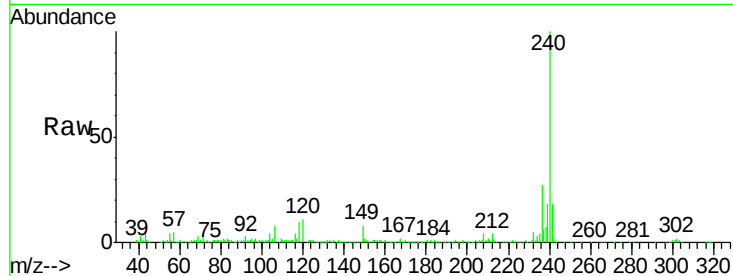
Tot Ion:240 Resp: 265743

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

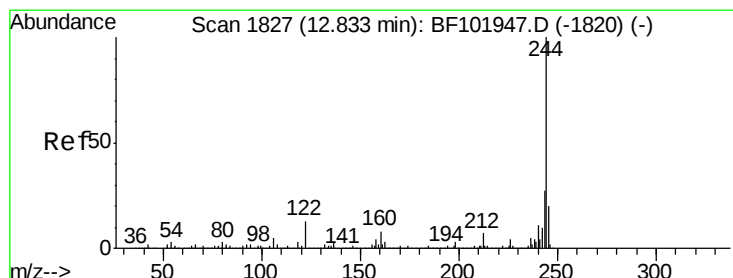
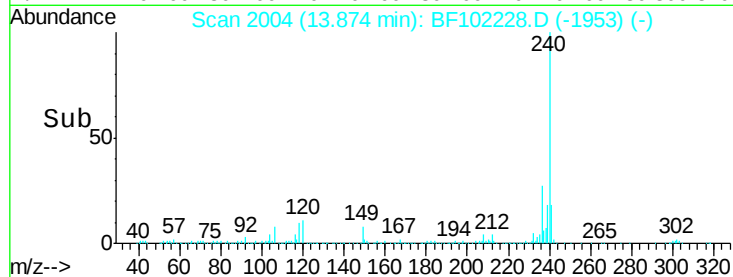
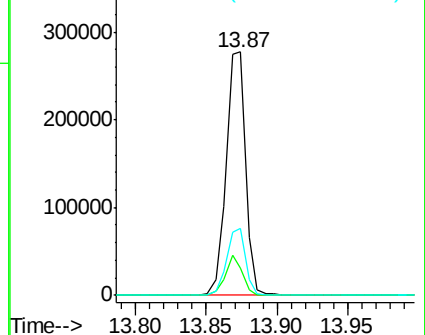
236 27.5 20.7 31.1



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: 61.432 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102228.D

Acq: 19 Jan 2018 20:37

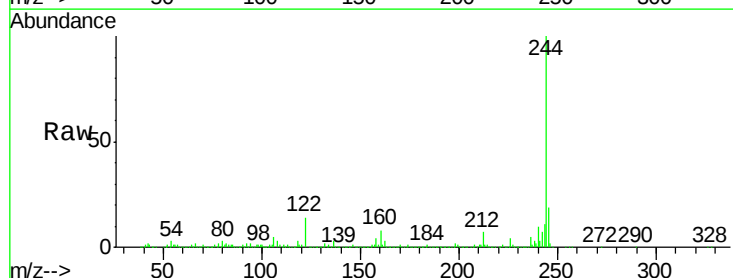
Tgt Ion:244 Resp: 786278

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

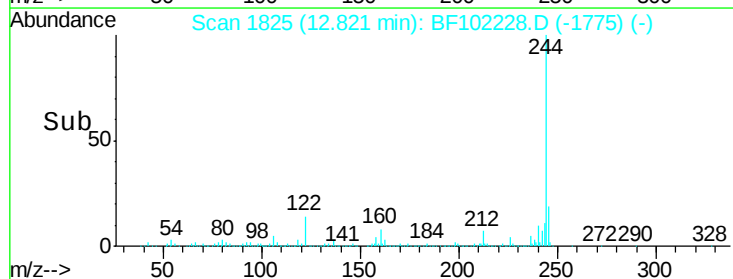
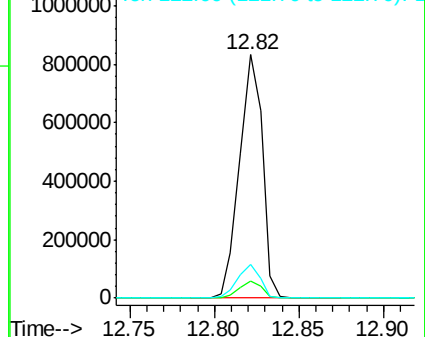
122 14.0 11.0 16.4

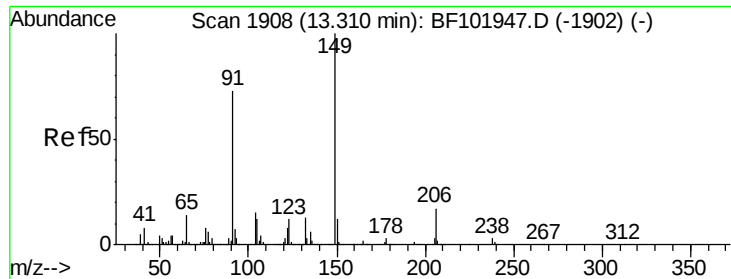


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

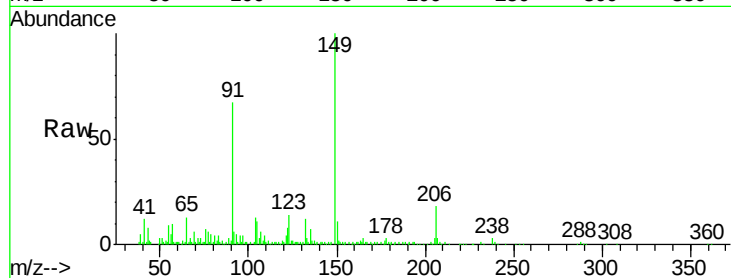




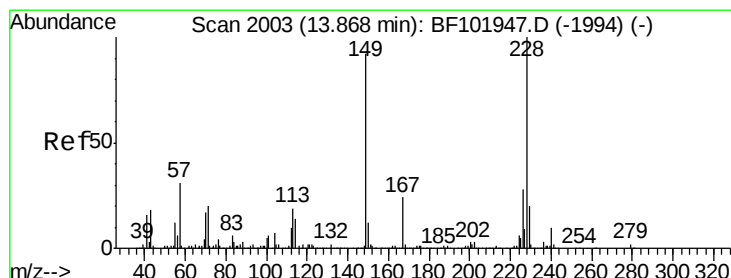
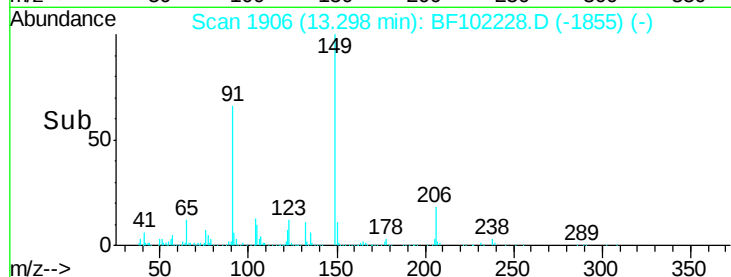
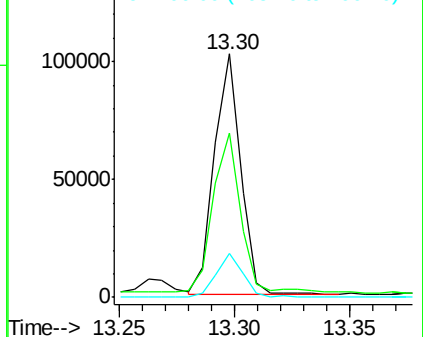
#79
Butylbenzylphthalate
Concen: 7.429 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Instrument :
BNA_F
ClientSampled :
4-2

Tot Ion:149 Resp: 80088
Ion Ratio Lower Upper
149 100
91 67.3 56.8 85.2
206 18.0 14.1 21.1

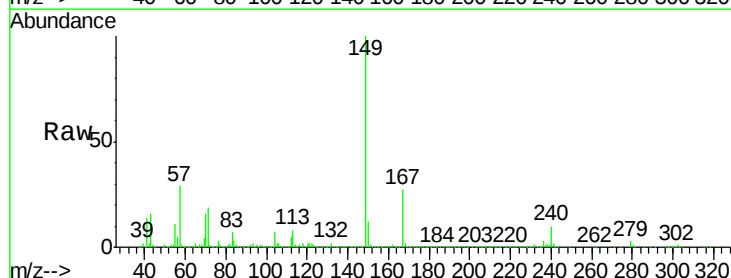


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

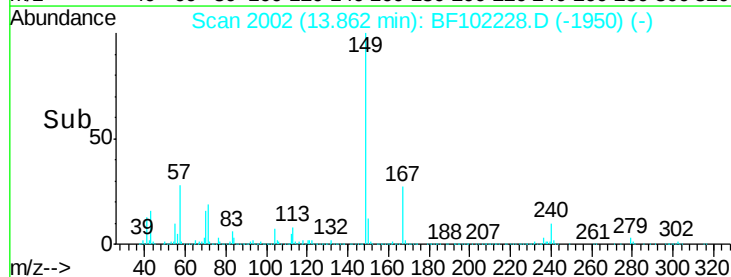
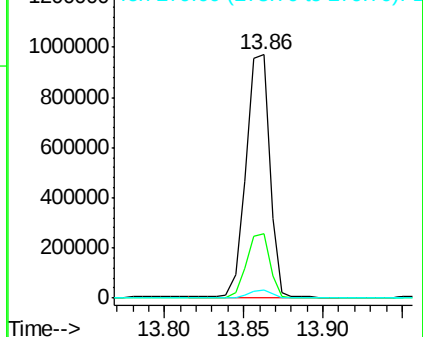


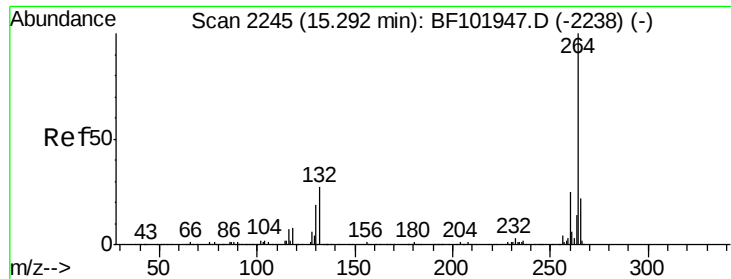
#83
Bis(2-ethylhexyl)phthalate
Concen: 80.496 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Tgt Ion:149 Resp: 995452
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 3.3 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102228.D
Acq: 19 Jan 2018 20:37

Instrument :
BNA_F
ClientSampleId :
4-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

