

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102114.D
 Acq On : 16 Jan 2018 17:28
 Operator : SJ/JU
 Sample : J1115-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 01:03:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137342	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581089	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	260963	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	457572	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	352885	20.00	ng	-0.02
86) Perylene-d12	15.28	264	246645	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	992574	102.05	ng	0.00
7) Phenol-d6	6.36	99	1197124	103.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	756825	76.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	286776	125.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1304904	78.12	ng	-0.01
78) Terphenyl-d14	12.82	244	1199182	70.56	ng	-0.01

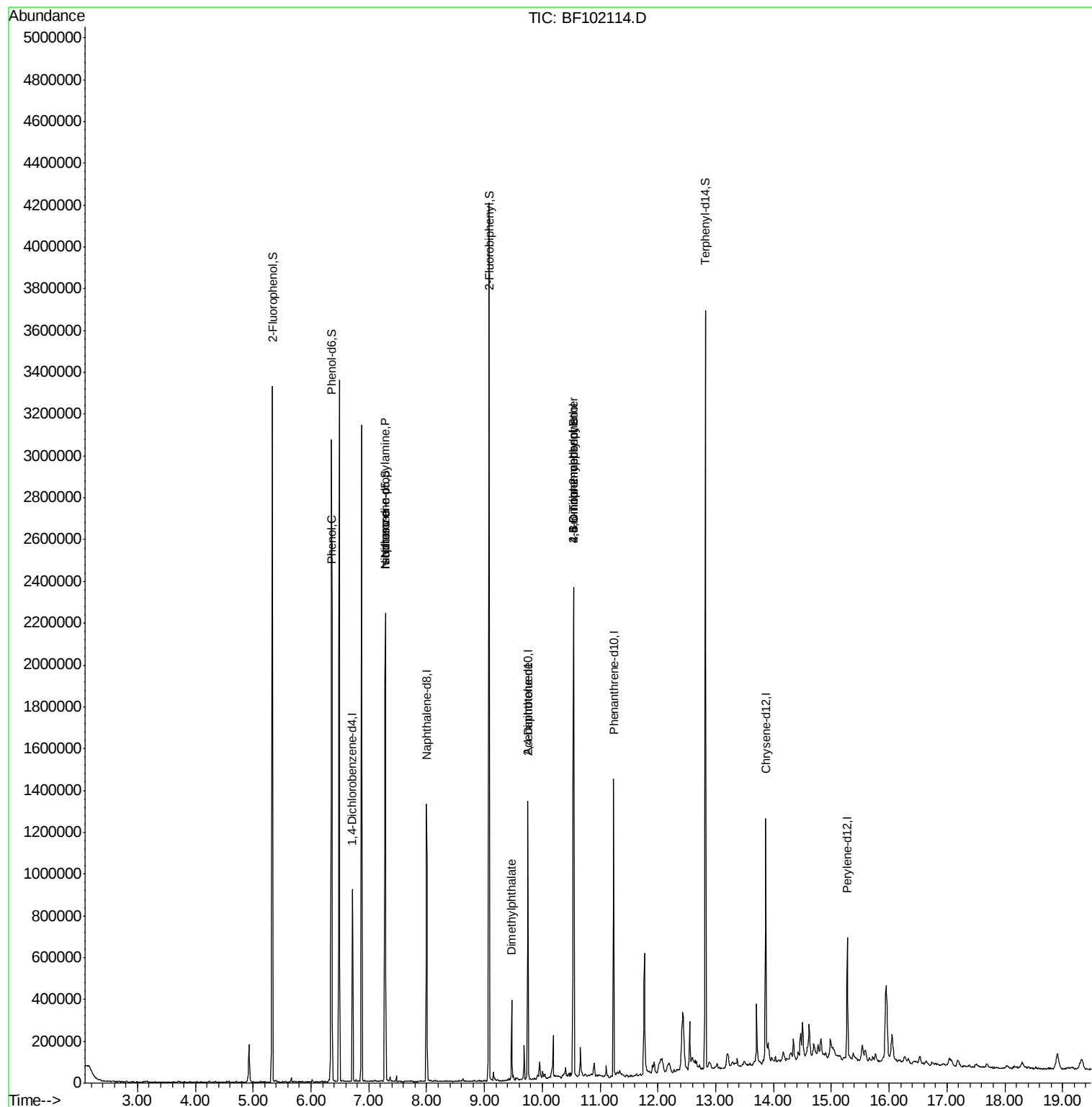
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	42850	3.267	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	101074	13.291	ng	# 79
25) Isophorone	7.29	82	756814	38.734	ng	# 64
49) Dimethylphthalate	9.47	163	142083	6.787	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32665	6.232	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.54	198	599	5.875	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	19209	3.975	ng	# 1

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

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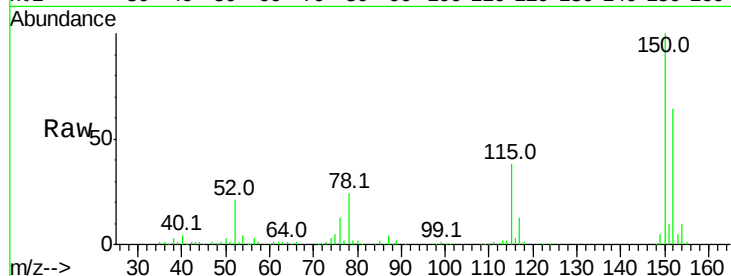


#1

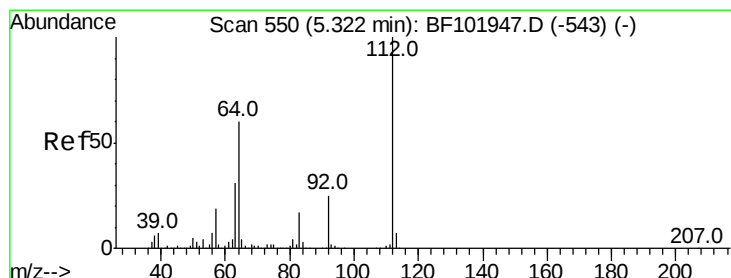
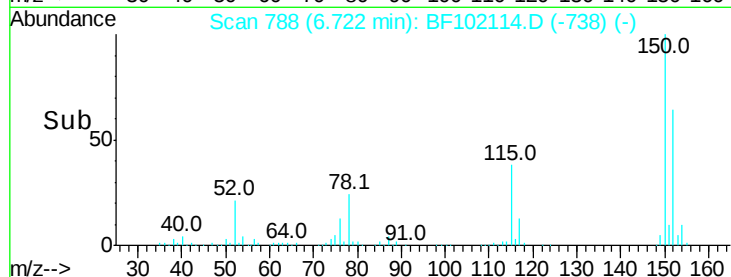
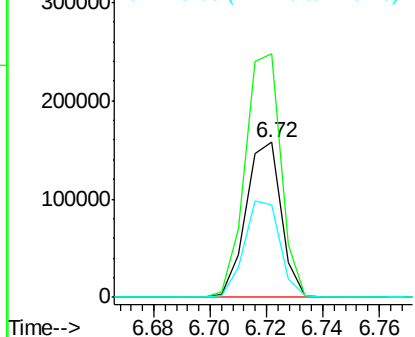
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137342
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.8 50.1 75.1



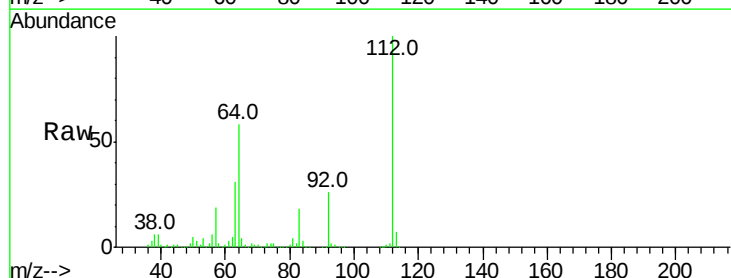
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



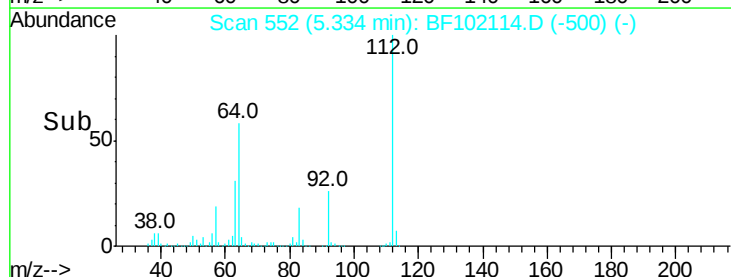
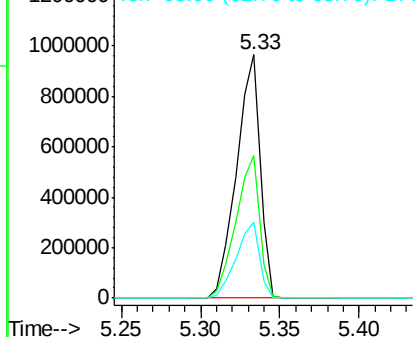
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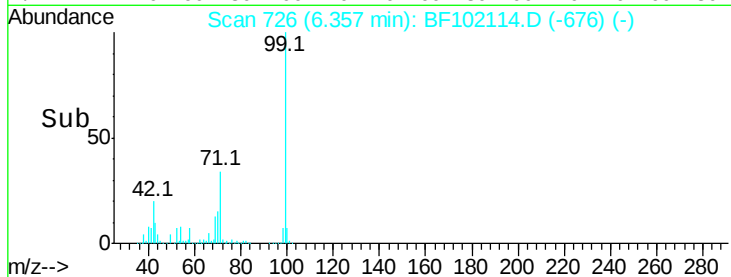
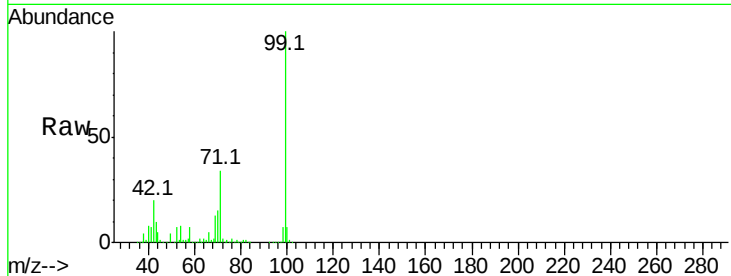
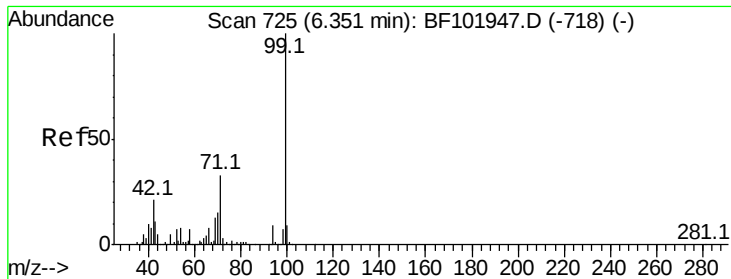
2-Fluorophenol
Concen: 102.052 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:112 Resp: 992574
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 31.1 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: 103.161 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

Instrument :

BNA_F

ClientSampled :

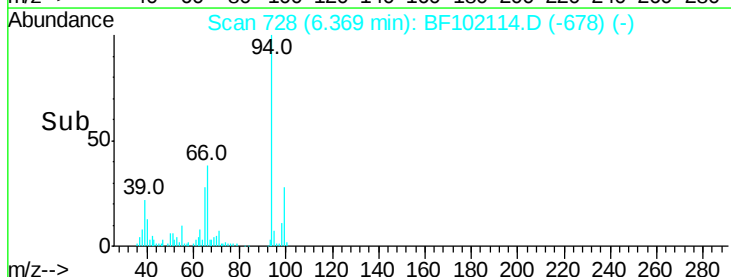
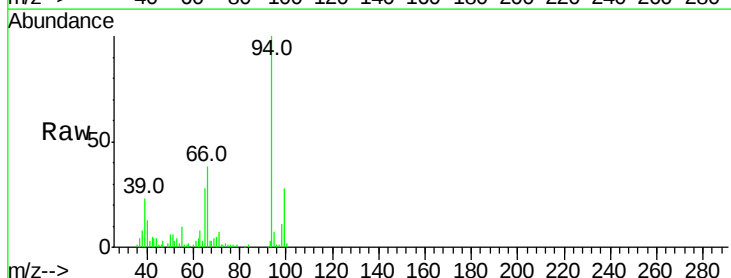
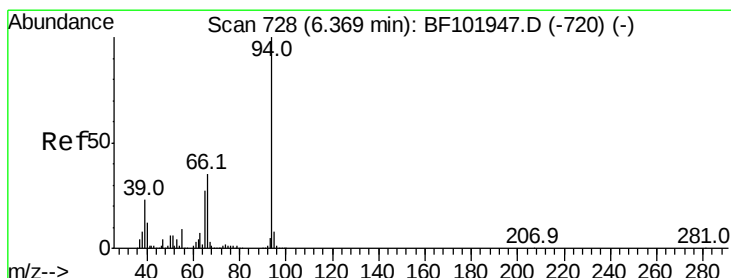
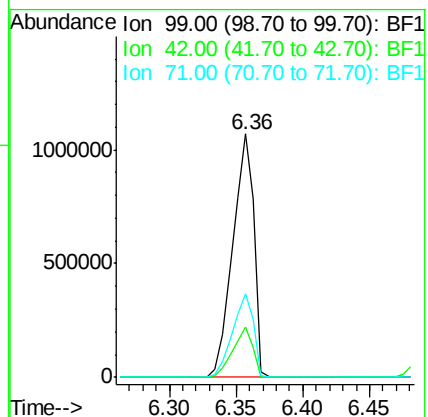
Tot Ion: 99 Resp: 1197124

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 3.267 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

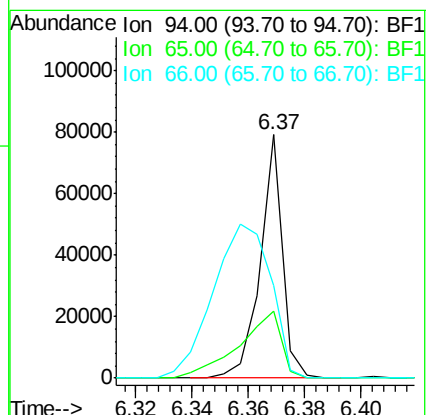
Tgt Ion: 94 Resp: 42850

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 37.9 16.2 56.2

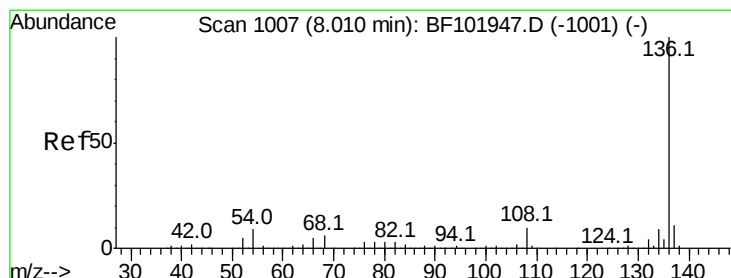
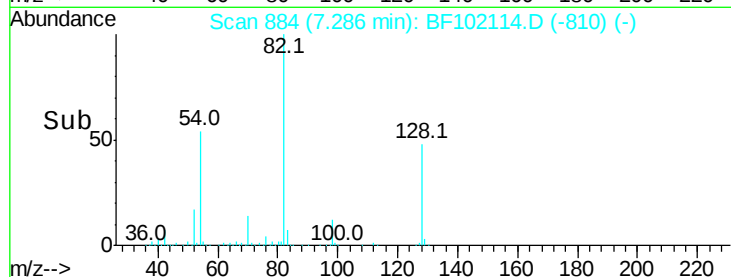
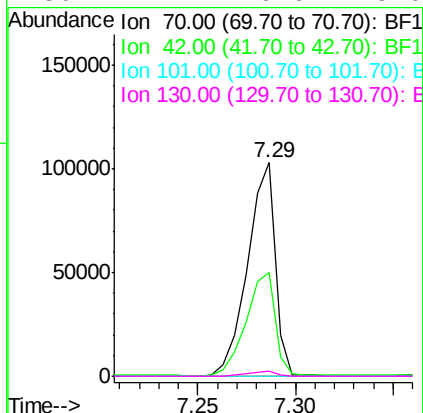
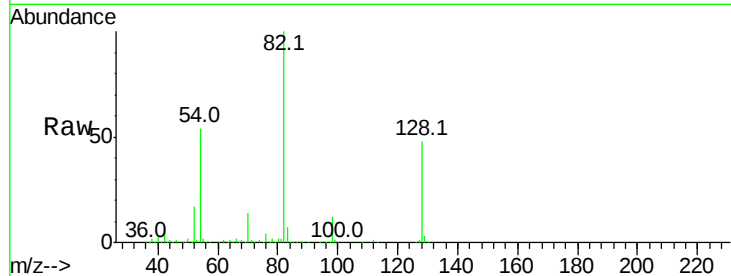




#19
n-Nitroso-di-n-propylamine
Concen: 13.291 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

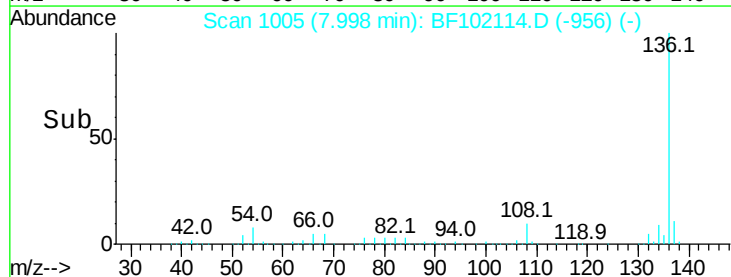
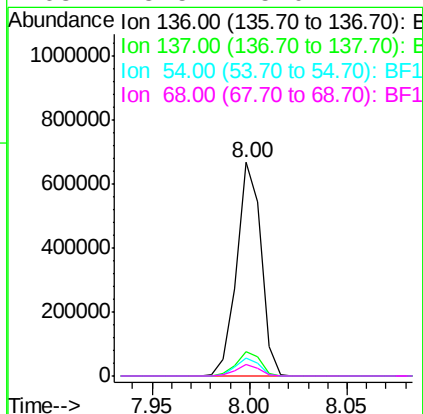
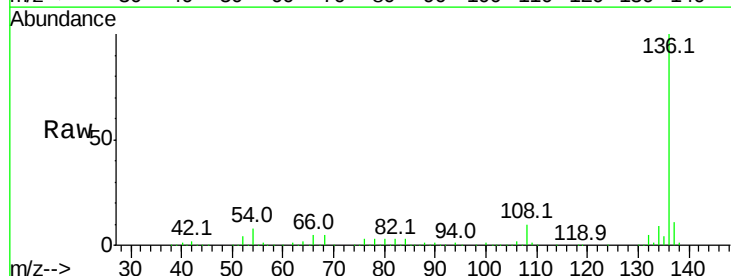
Instrument :
BNA_F
ClientSampleId :

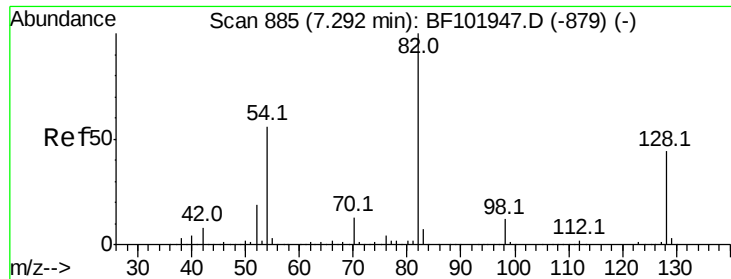
Tot Ion: 70 Resp: 101074
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:136 Resp: 581089
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 5.5 5.0 7.4

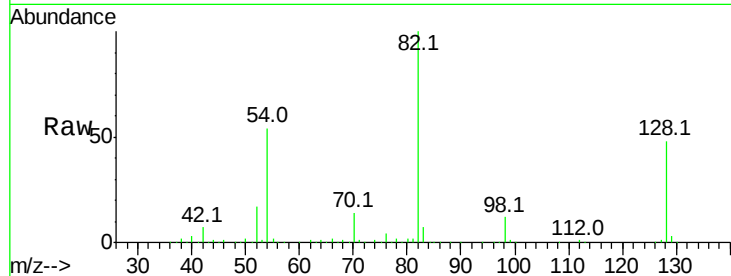




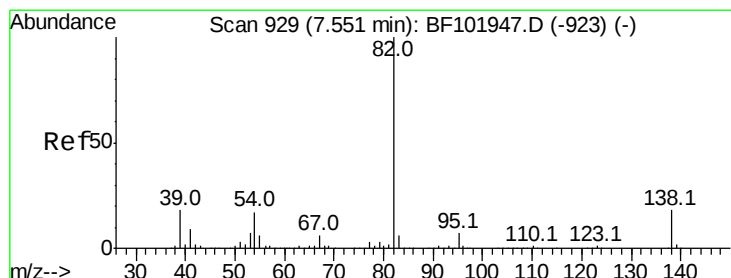
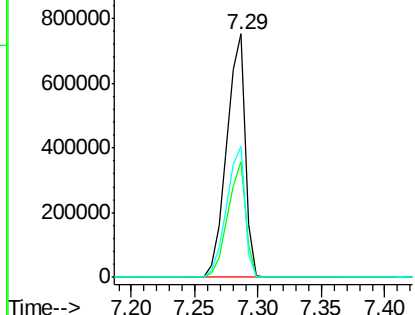
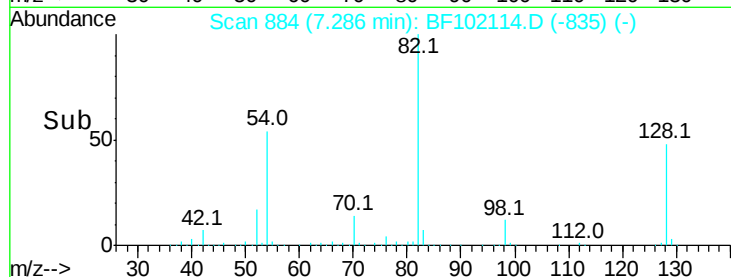
#23
 Nitrobenzene-d5
 Concen: 76.536 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	756825
Ion Ratio	100	Lower	Upper
128	47.6	36.1	54.1
54	53.6	41.4	62.2

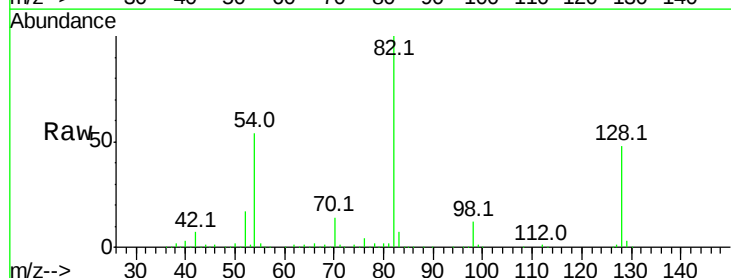


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

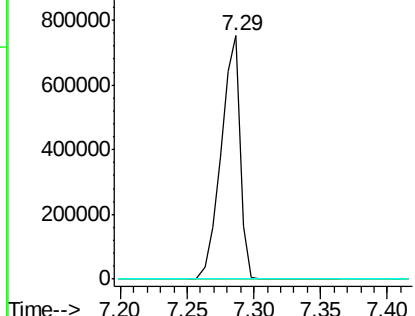
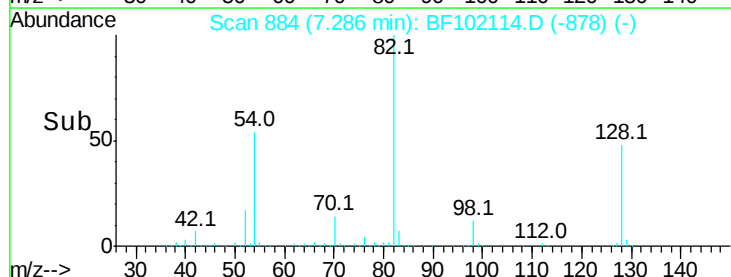


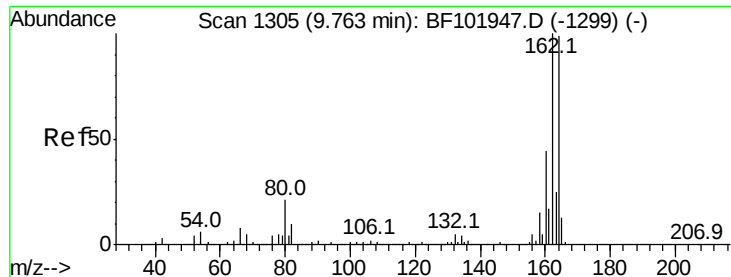
#25
 Isophorone
 Concen: 38.734 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Tgt Ion	82	Resp	756814
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

Instrument :

BNA_F

ClientSampleId :

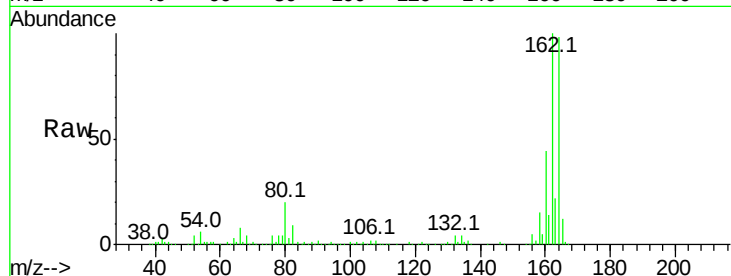
Tot Ion:164 Resp: 260963

Ion Ratio Lower Upper

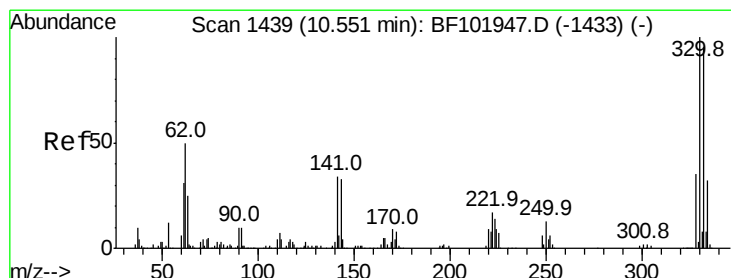
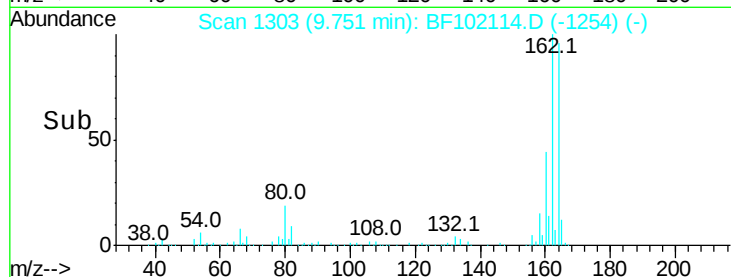
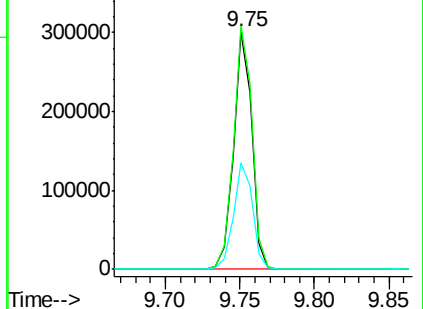
164 100

162 102.6 86.1 129.1

160 45.1 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: 125.923 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

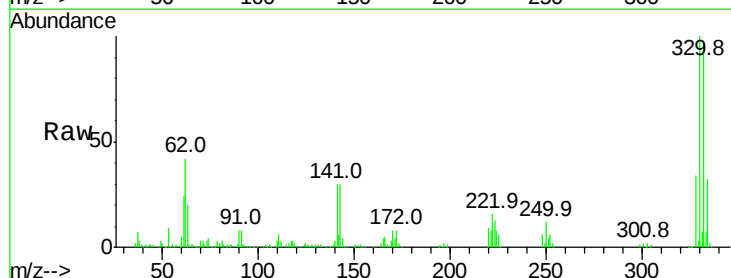
Tgt Ion:330 Resp: 286776

Ion Ratio Lower Upper

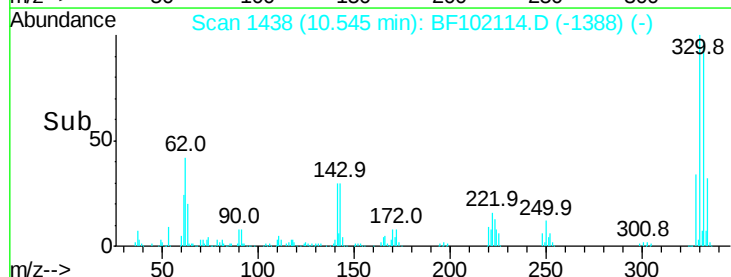
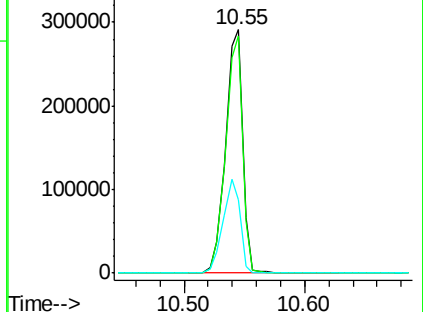
330 100

332 96.3 77.0 115.6

141 38.1 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

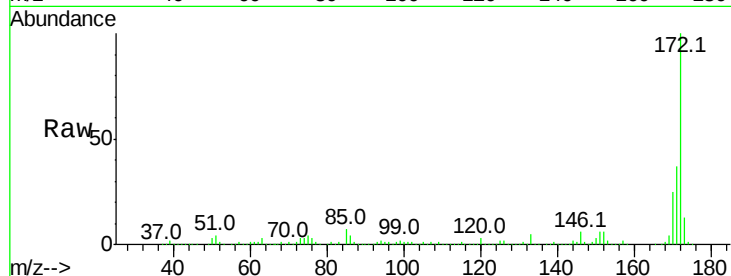




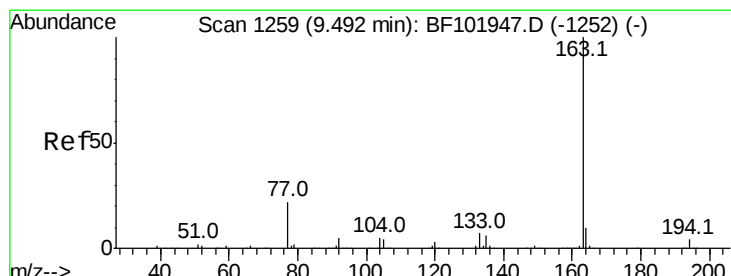
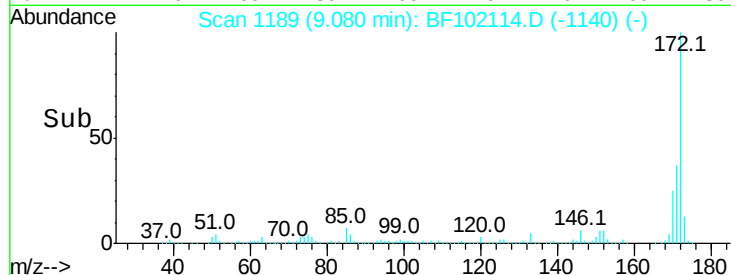
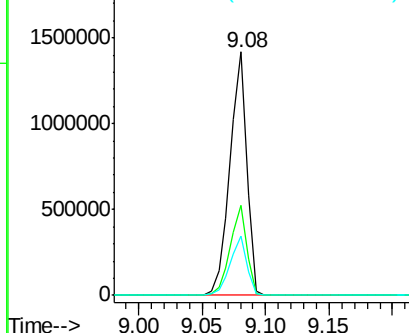
#44
2-Fluorobiphenyl
Concen: 78.119 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1304904
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 19.6 29.4

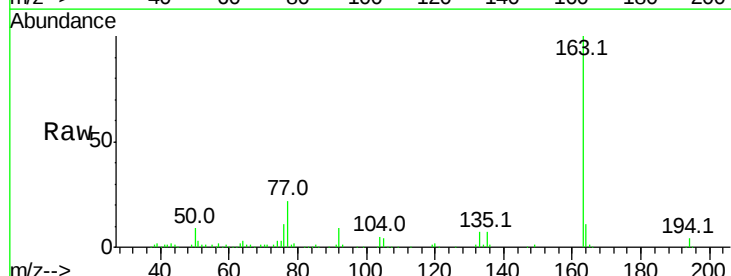


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

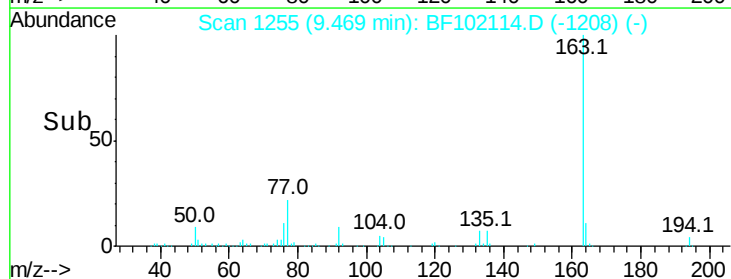
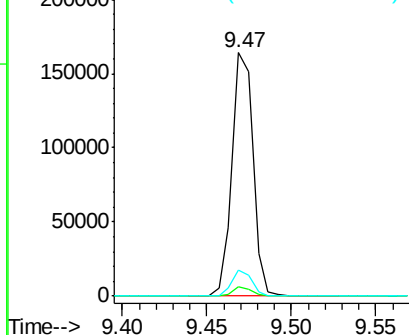


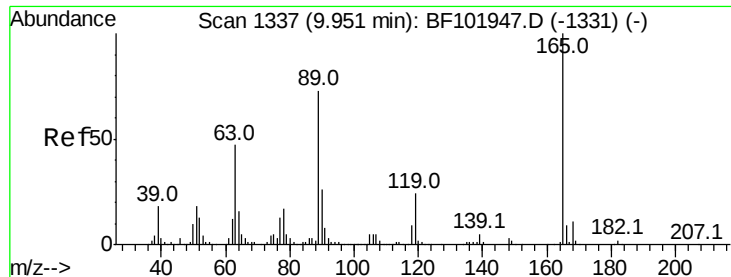
#49
Dimethylphthalate
Concen: 6.787 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Tgt Ion:163 Resp: 142083
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 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

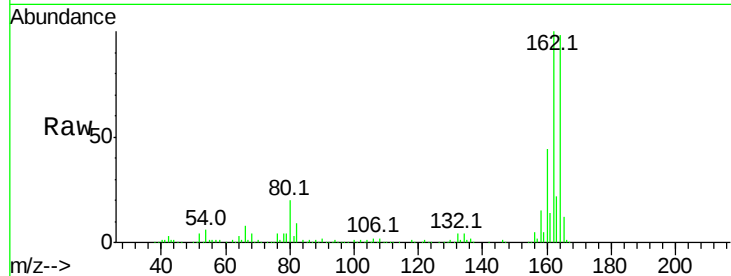




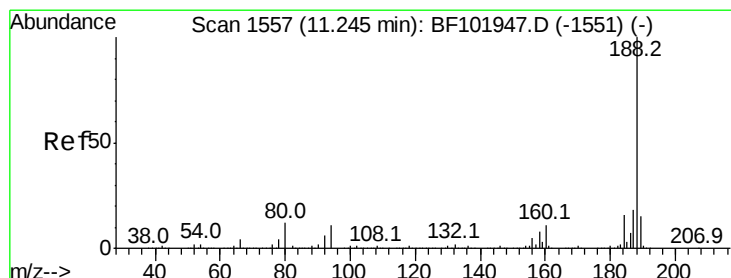
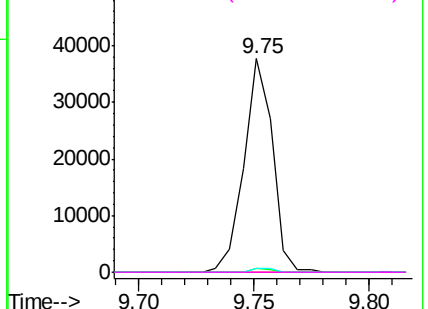
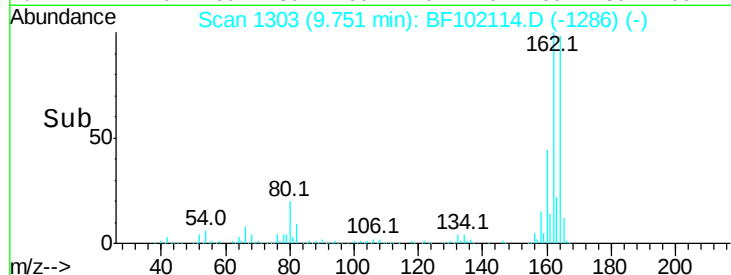
#56
 2,4-Dinitrotoluene
 Concen: 6.232 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

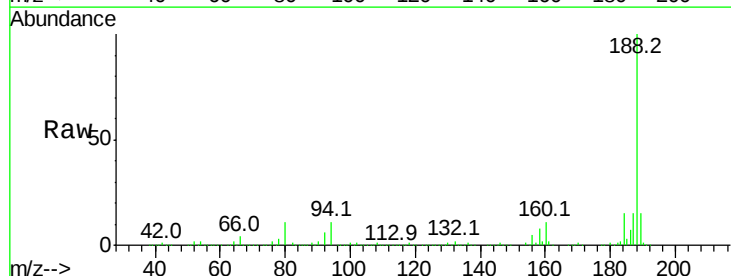


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

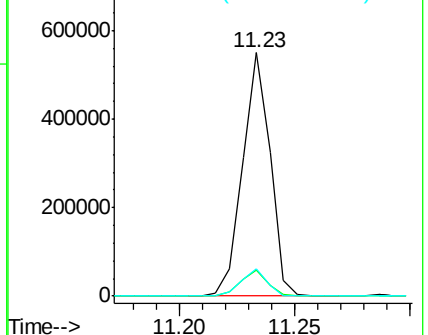
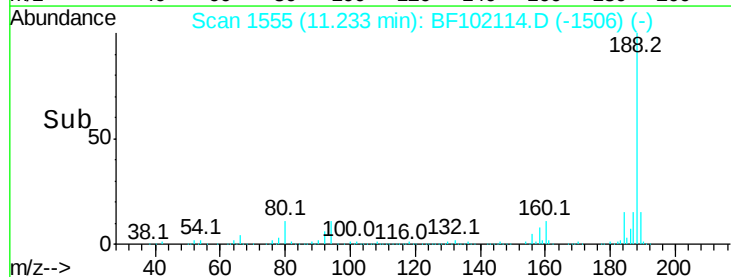


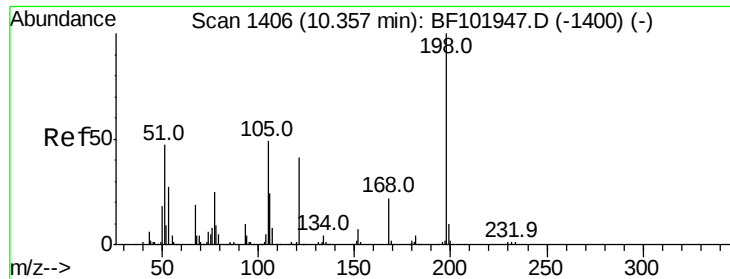
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.1	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

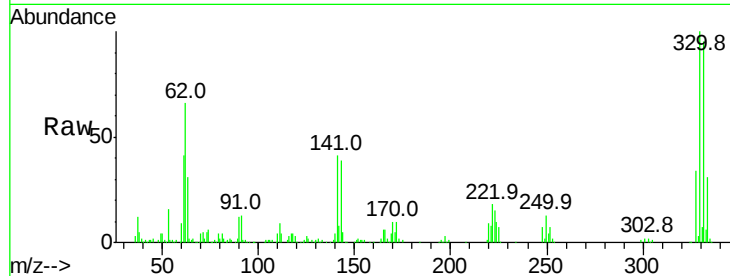




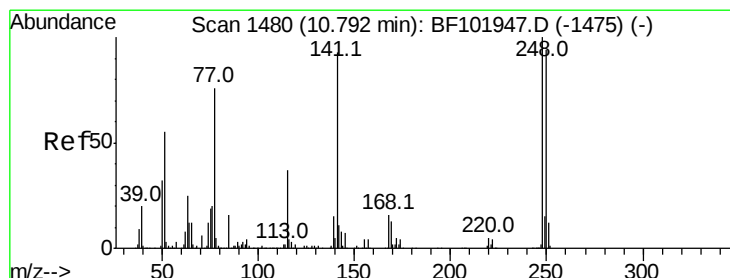
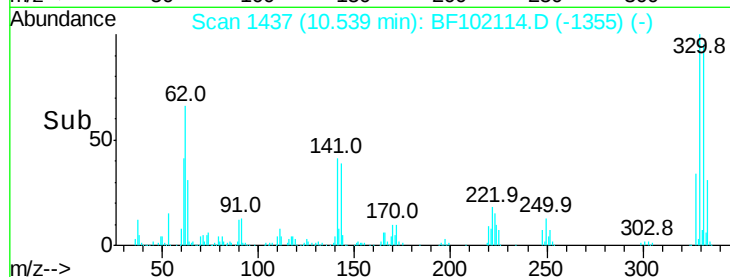
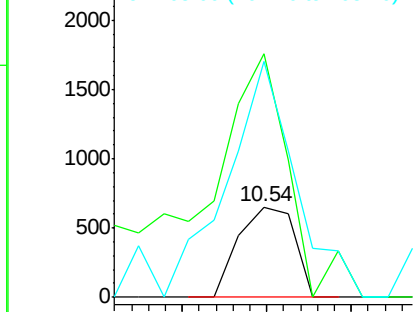
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.875 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 599
 Ion Ratio Lower Upper
 198 100
 51 269.9 37.7 77.7#
 105 261.8 36.3 76.3#

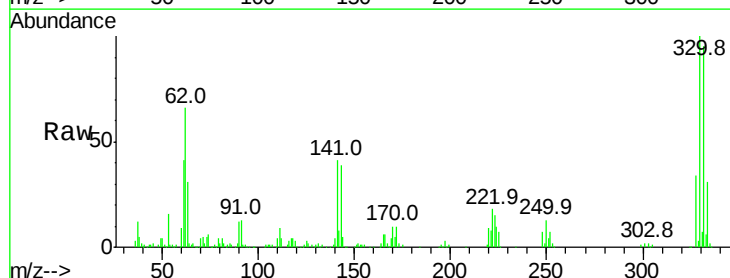


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

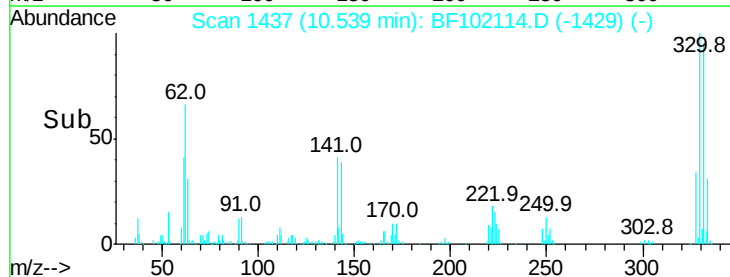
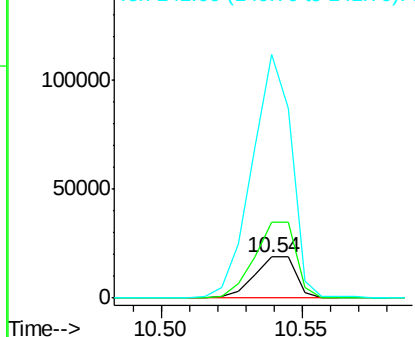


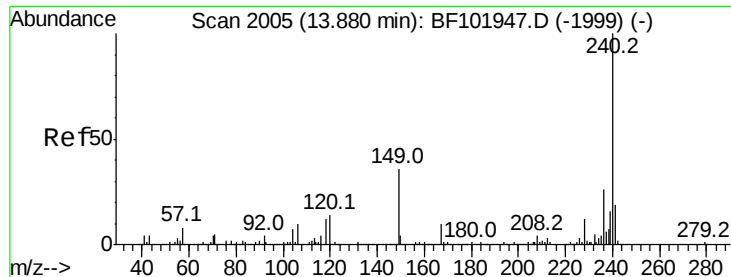
#66
 4-Bromophenyl-phenylether
 Concen: 3.975 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102114.D
 Acq: 16 Jan 2018 17:28

Tgt Ion:248 Resp: 19209
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.9 115.3#
 141 595.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

Instrument :

BNA_F

ClientSampleId :

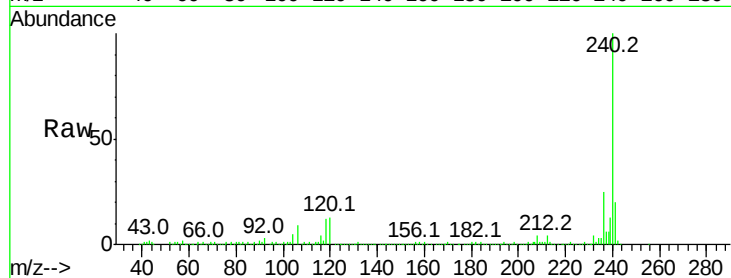
Tot Ion:240 Resp: 352885

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

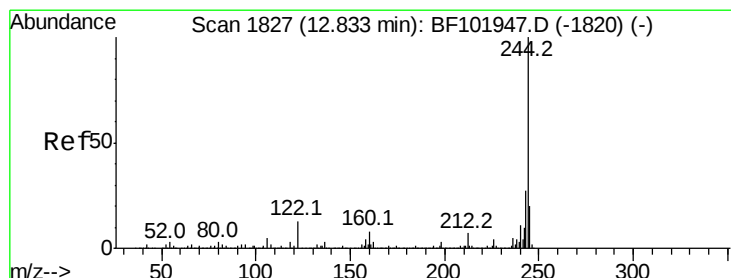
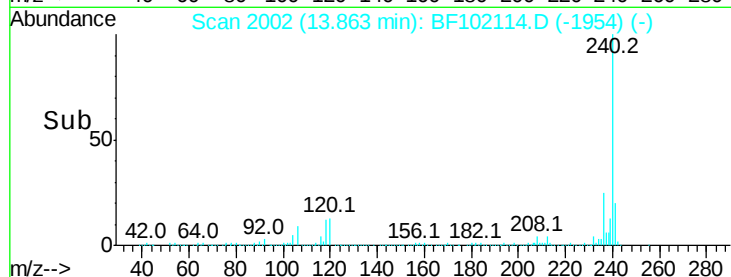
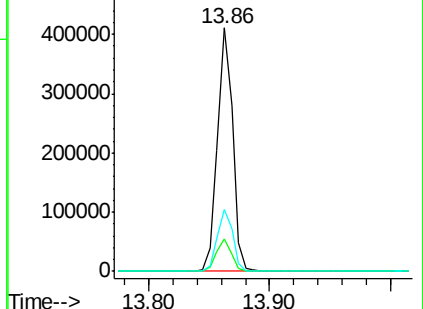
236 25.4 20.7 31.1



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: 70.556 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102114.D

Acq: 16 Jan 2018 17:28

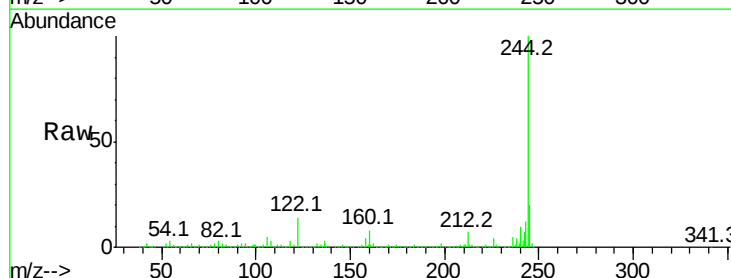
Tgt Ion:244 Resp: 1199182

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

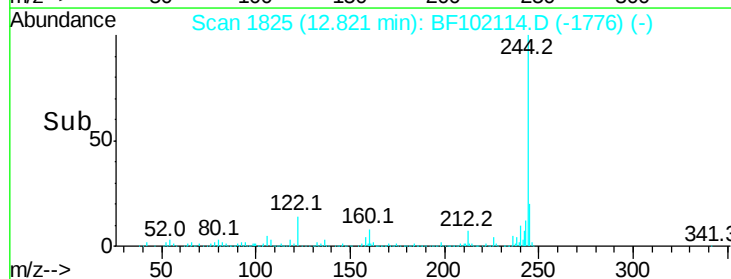
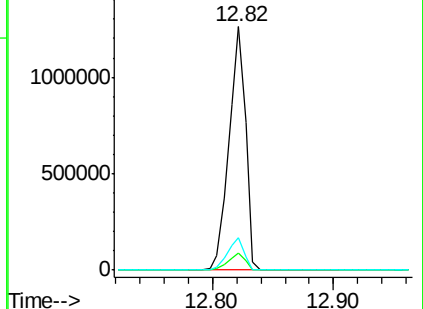
122 13.6 11.0 16.4

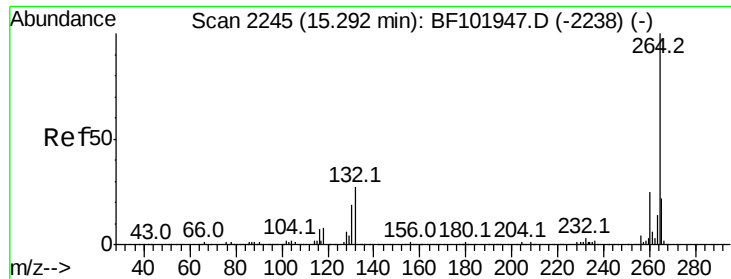


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

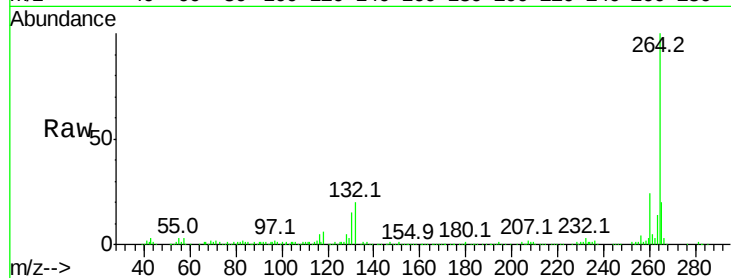




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102114.D
Acq: 16 Jan 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.1	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

