

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102111.D
 Acq On : 16 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1113-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:32:59 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

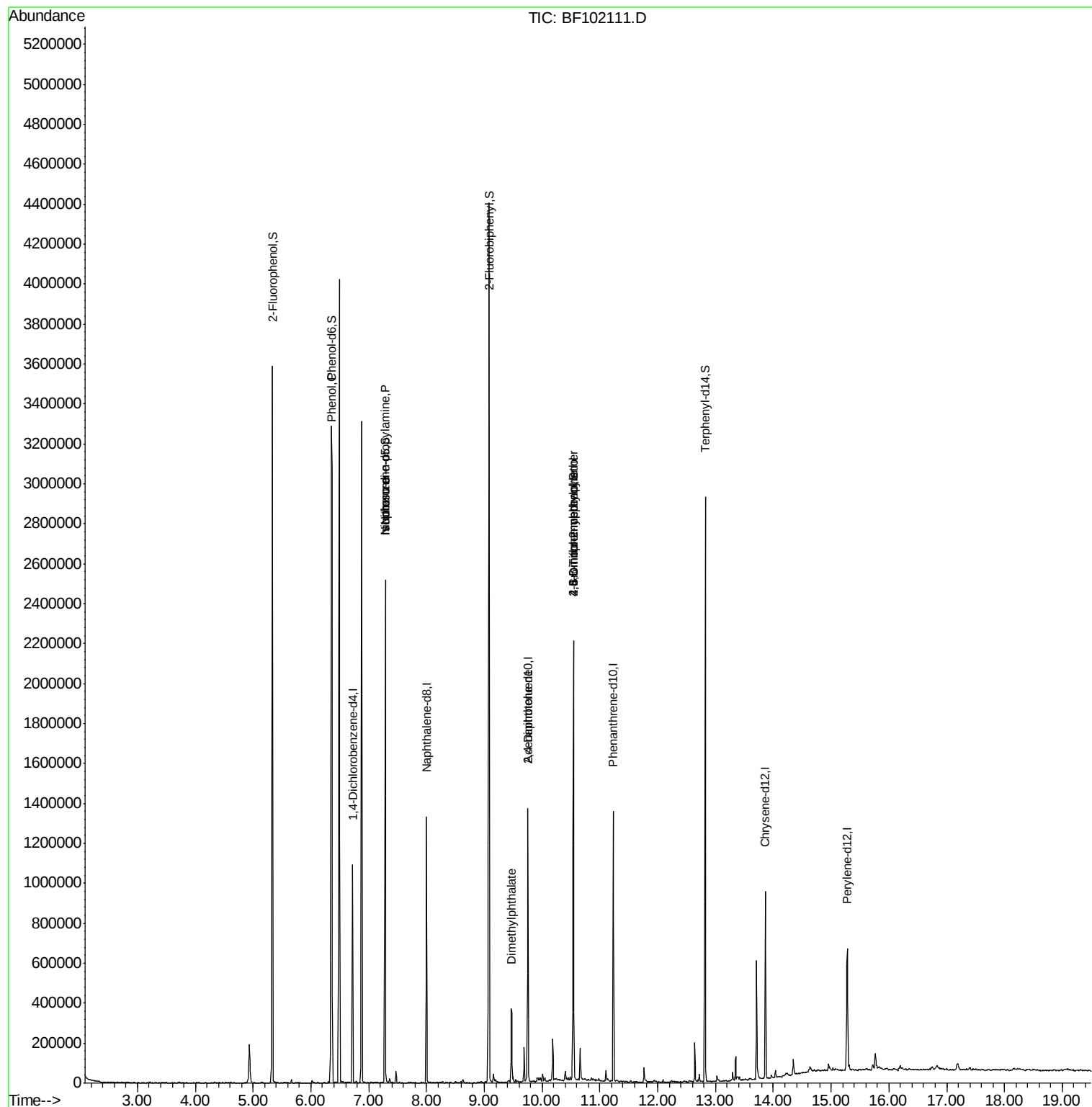
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160557	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	647842	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276075	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	420781	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	283734	20.00	ng	-0.02
86) Perylene-d12	15.28	264	253437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1141953	100.43	ng	0.00
7) Phenol-d6	6.36	99	1374270	101.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	873295	79.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	264820	109.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1359814	76.95	ng	-0.01
78) Terphenyl-d14	12.82	244	929105	67.99	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	41267	2.692	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	116509	13.105	ng	# 80
25) Isophorone	7.29	82	870377	39.956	ng	# 64
49) Dimethylphthalate	9.47	163	147427	6.657	ng	98
56) 2,4-Dinitrotoluene	9.75	165	35226	6.353	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	559	5.878	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	17081	3.844	ng	# 1

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

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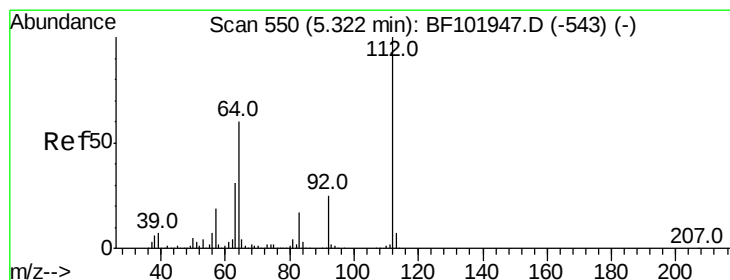
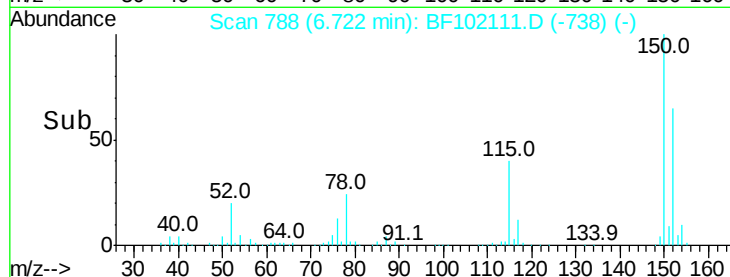
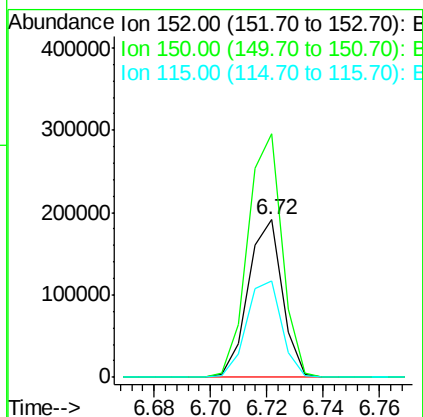
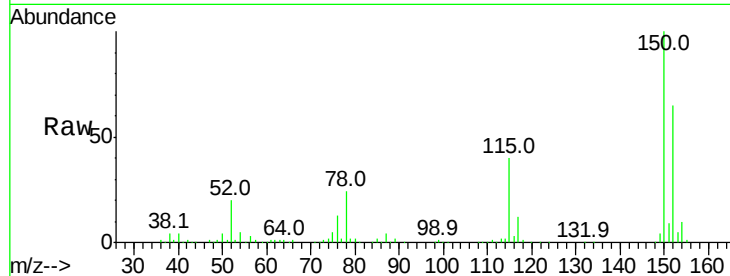


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

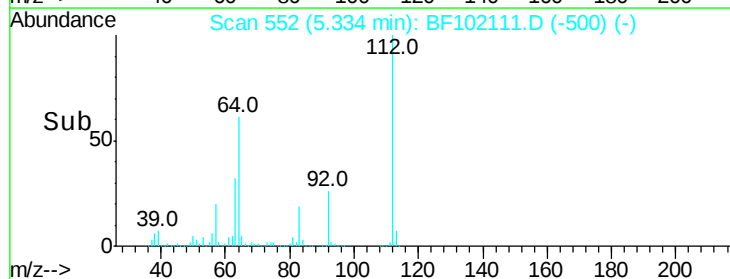
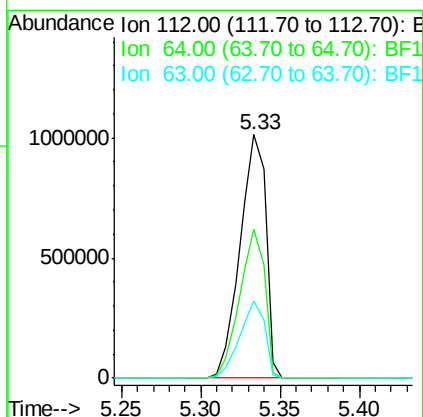
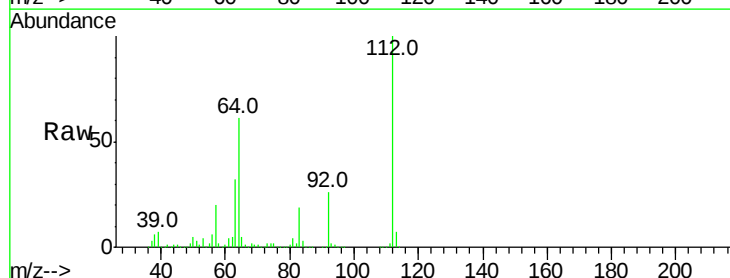
Tot Ion:152 Resp: 160557
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.2 50.1 75.1



#5

2-Fluorophenol
Concen: 100.434 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Tgt Ion:112 Resp: 1141953
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.6 23.7 35.5





#7

Phenol-d6

Concen: 101.304 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

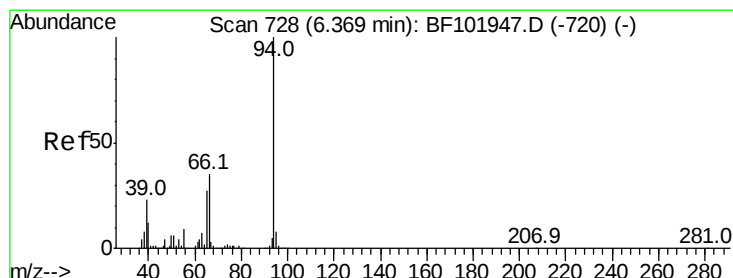
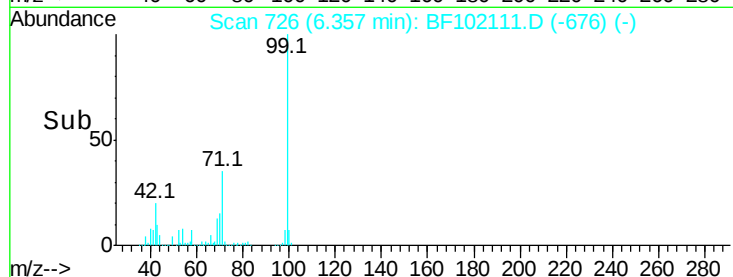
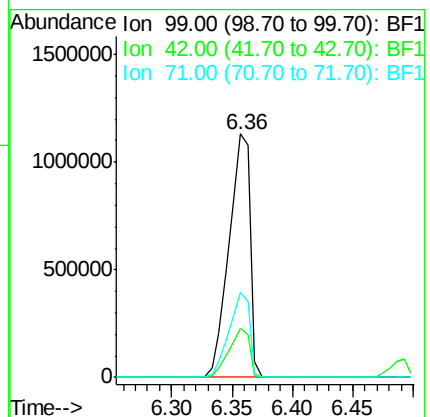
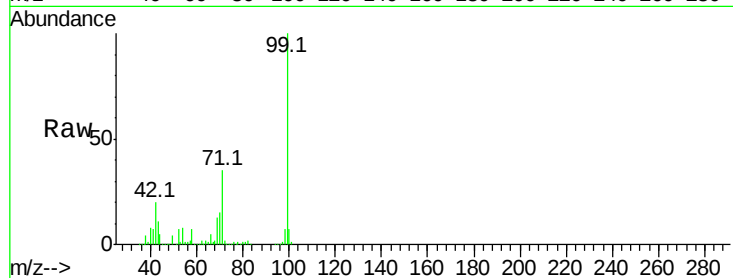
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1374270

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.0	25.4	38.0



#10

Phenol

Concen: 2.692 ng

RT: 6.37 min Scan# 728

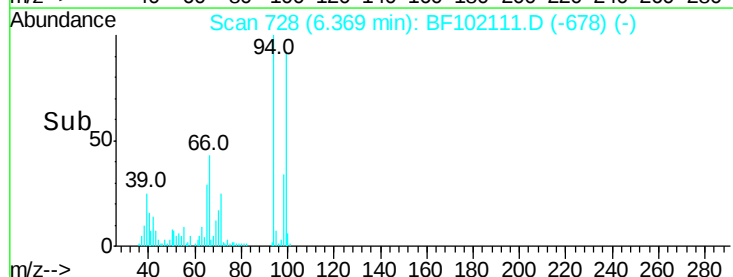
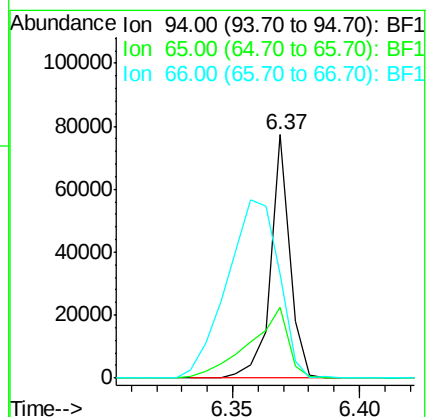
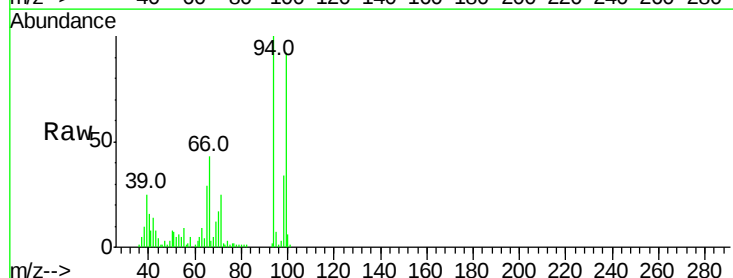
Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

Tgt Ion: 94 Resp: 41267

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	42.6	16.2	56.2

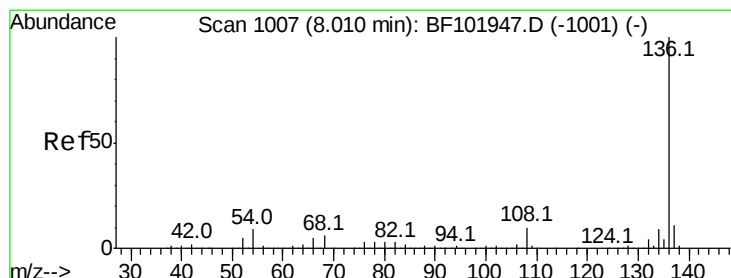
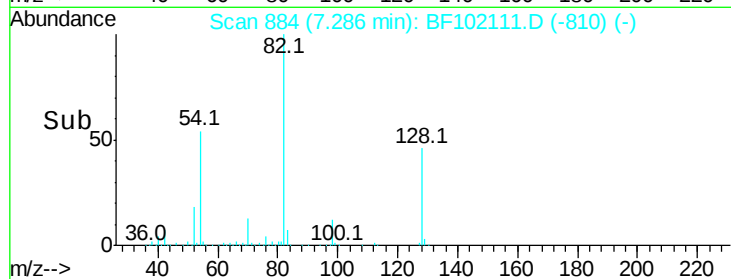
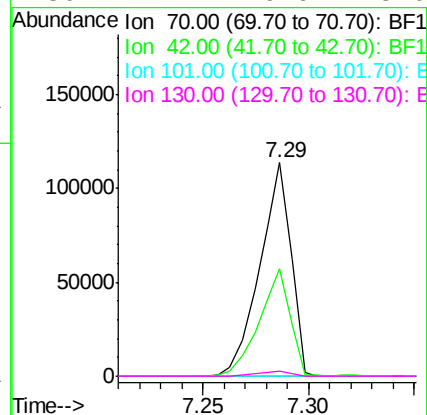
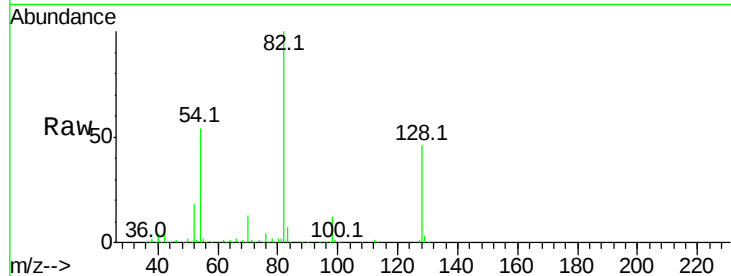




#19
n-Nitroso-di-n-propylamine
Concen: 13.105 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

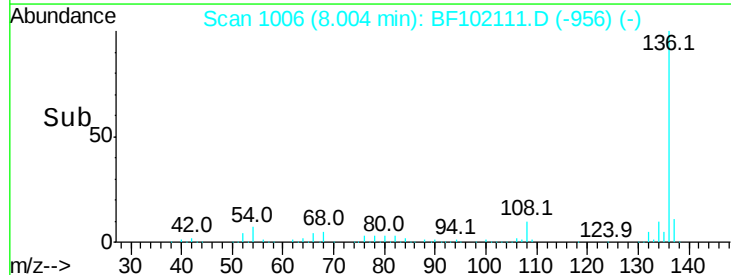
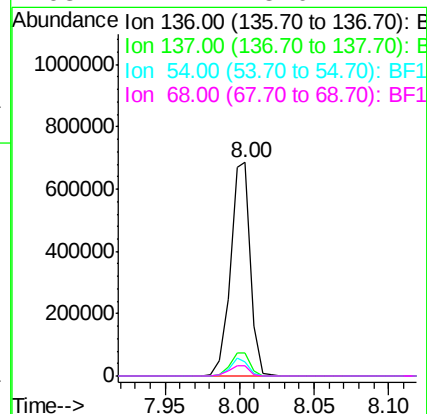
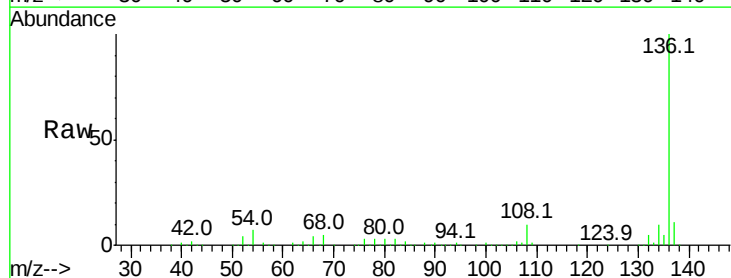
Instrument :
BNA_F
ClientSampleId :

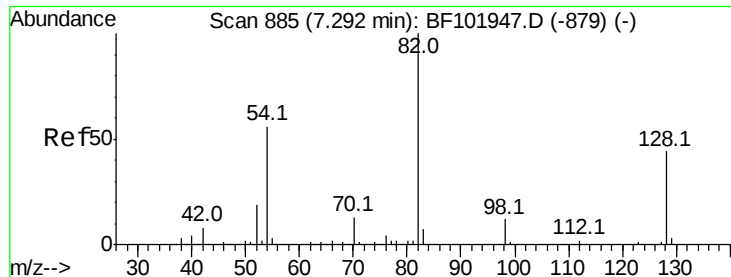
Tot Ion: 70 Resp: 116509
Ion Ratio Lower Upper
70 100
42 50.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Tgt Ion: 136 Resp: 647842
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 4.7 5.0 7.4#

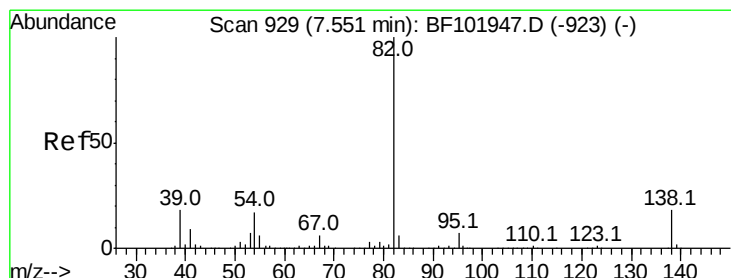
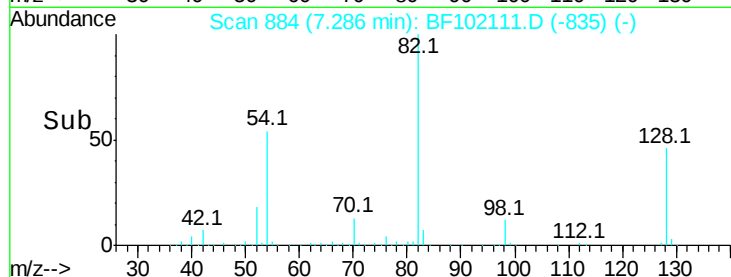
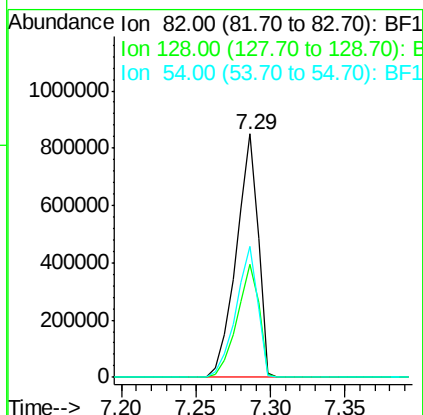
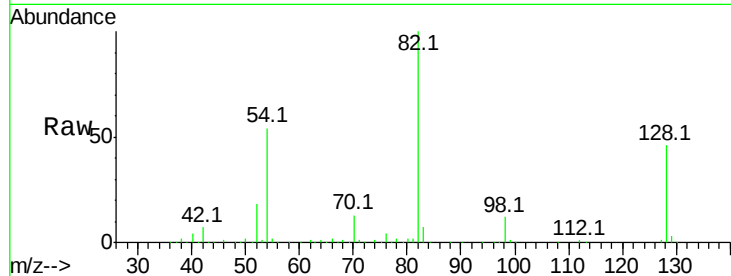




#23
 Nitrobenzene-d5
 Concen: 79.214 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

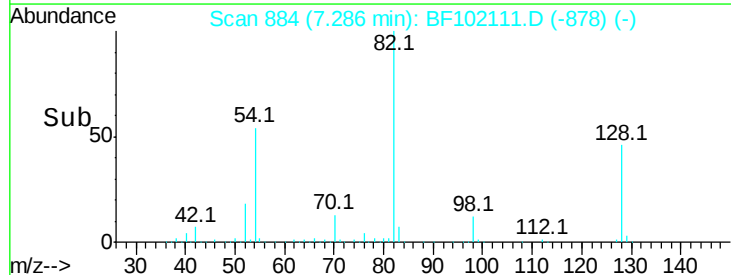
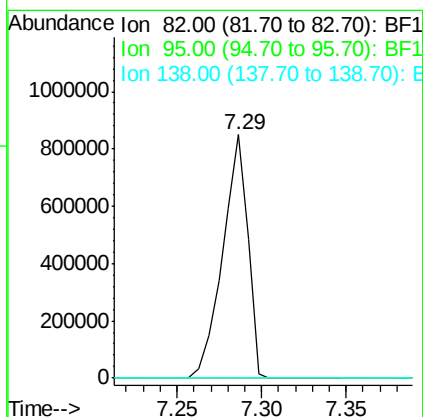
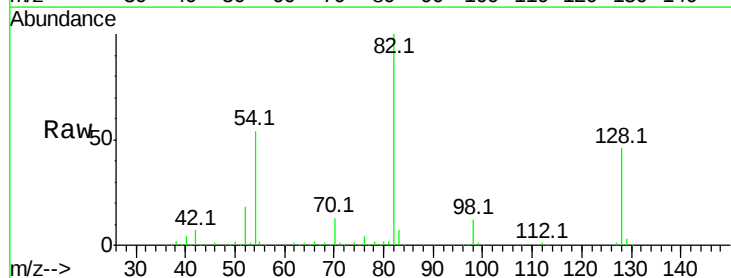
Instrument :
 BNA_F
 ClientSampleId :

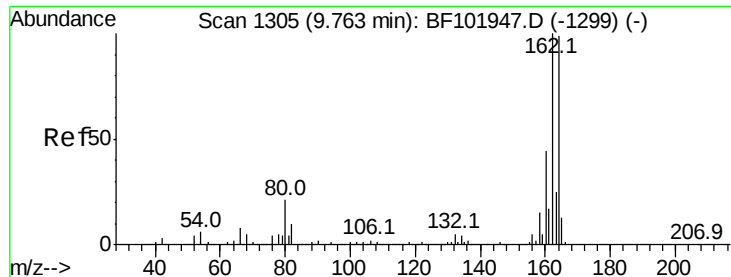
Tot Ion	82	Resp	873295
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	53.9	41.4	62.2



#25
 Isophorone
 Concen: 39.956 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion	82	Resp	870377
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

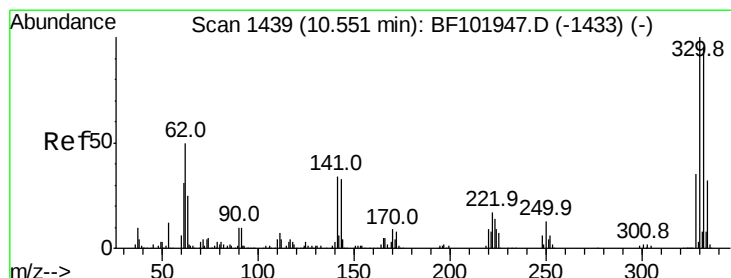
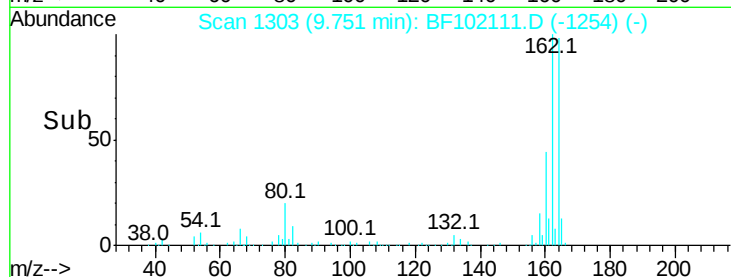
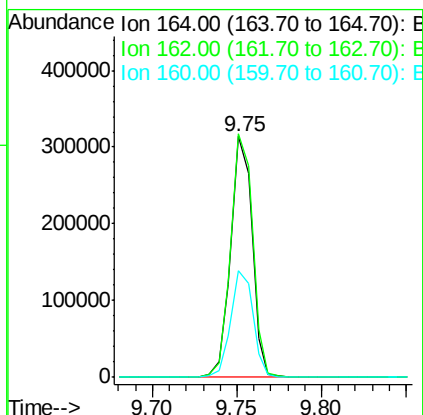
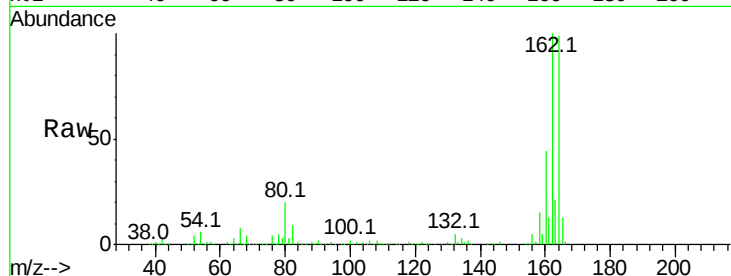




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

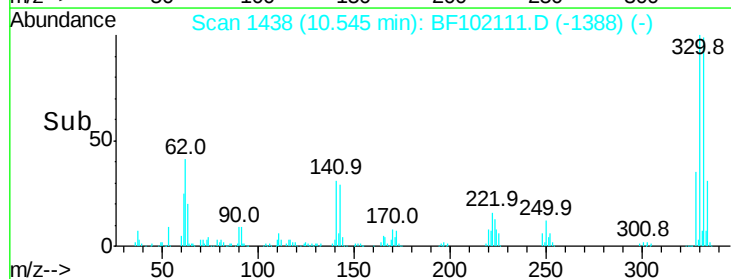
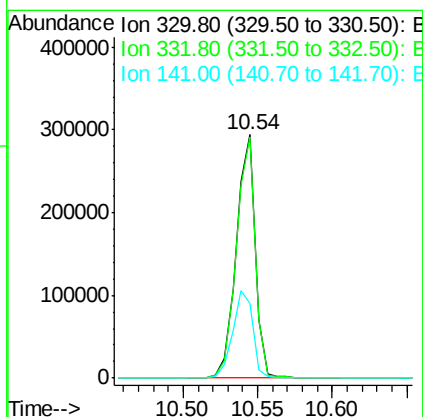
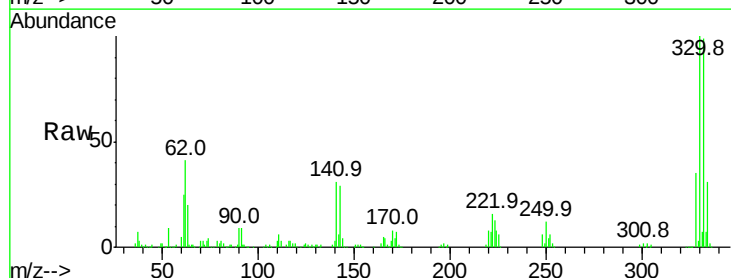
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	44.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 109.917 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	38.1	29.9	44.9

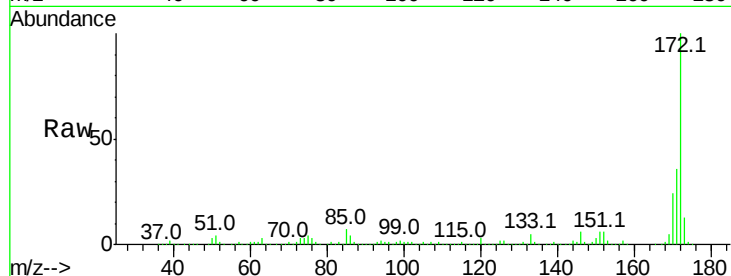




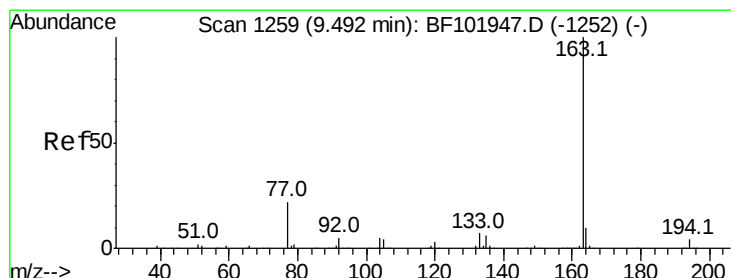
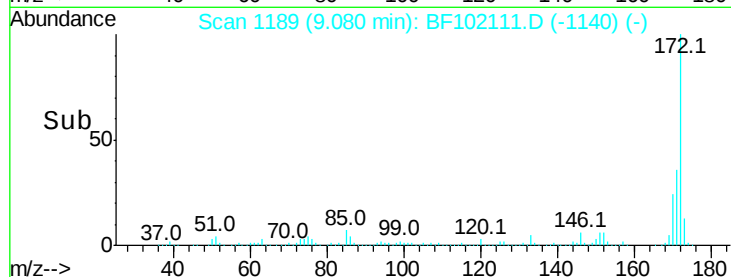
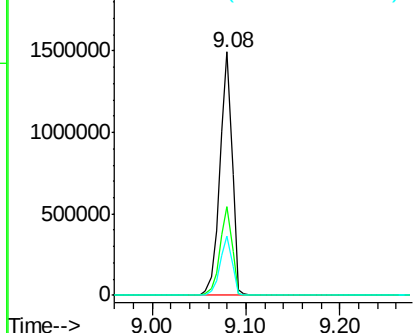
#44
2-Fluorobiphenyl
Concen: 76.950 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1359814
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4

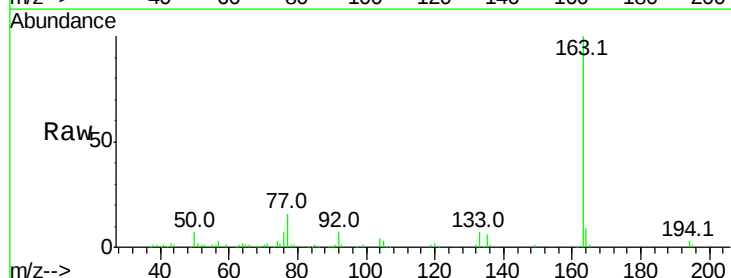


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

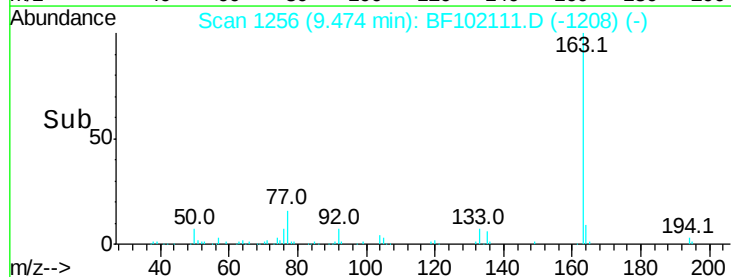
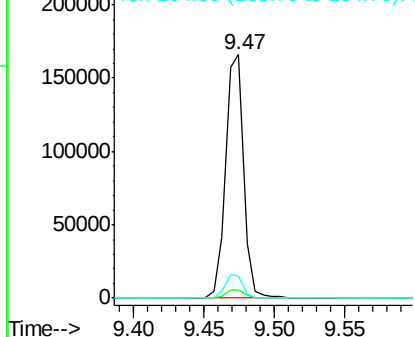


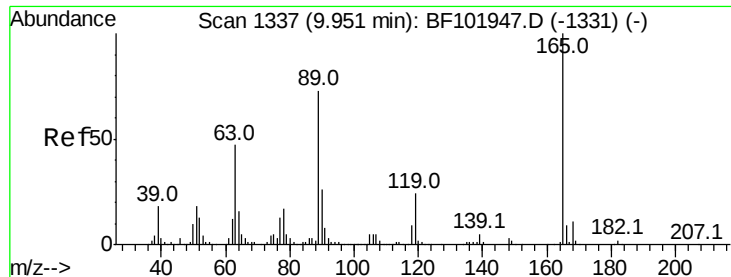
#49
Dimethylphthalate
Concen: 6.657 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Tgt Ion:163 Resp: 147427
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 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

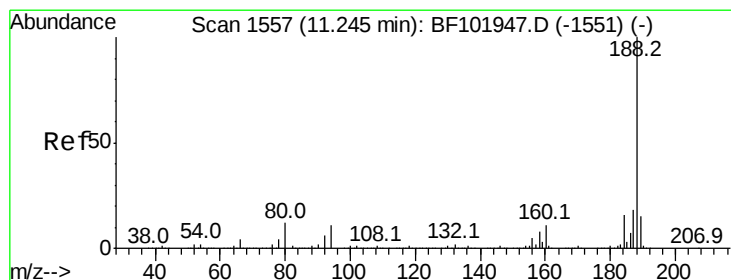
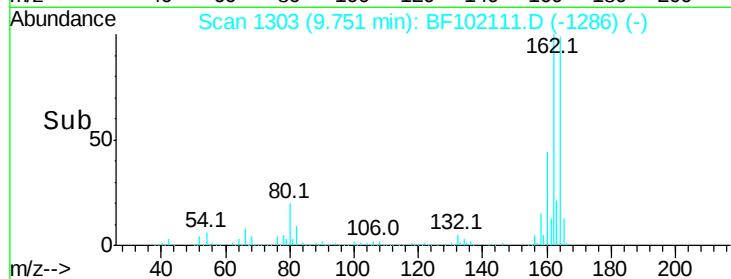
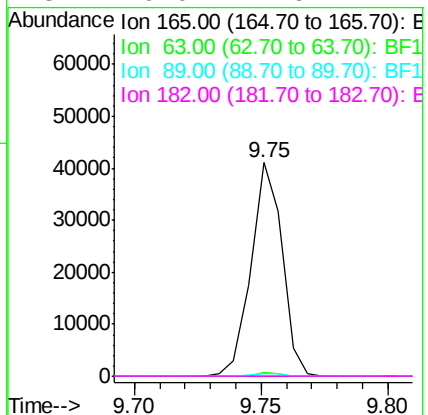
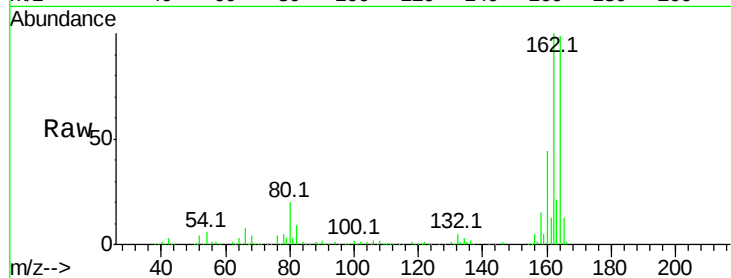




#56
 2,4-Dinitrotoluene
 Concen: 6.353 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

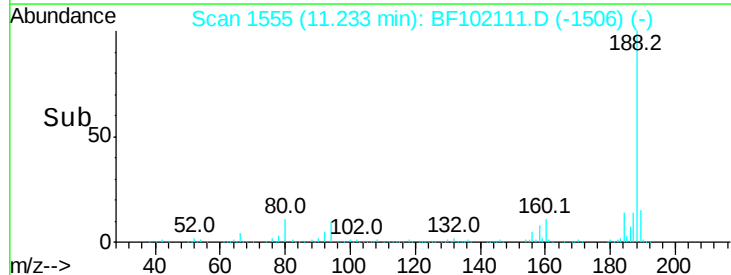
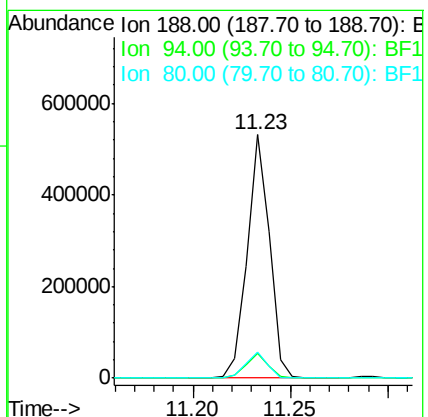
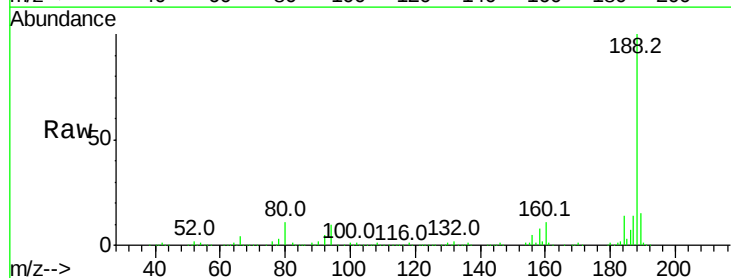
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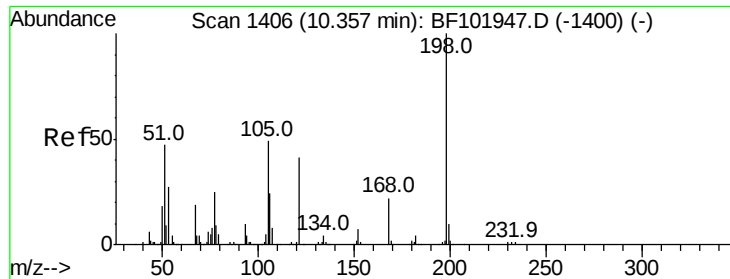
Tot Ion:165	Resp:	35226
Ion Ratio	Lower	Upper
165 100		
63 1.6	36.4	54.6#
89 1.2	57.8	86.6#
182 0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion:188	Resp:	420781
Ion Ratio	Lower	Upper
188 100		
94 10.4	8.5	12.7
80 10.8	9.2	13.8

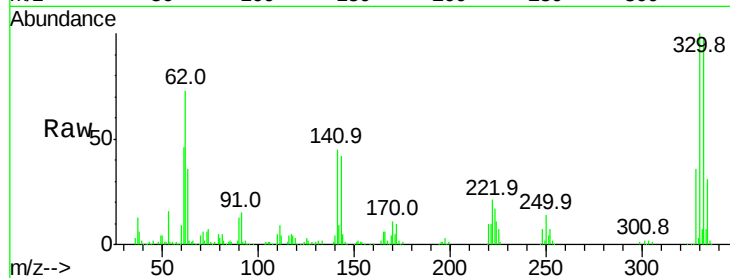




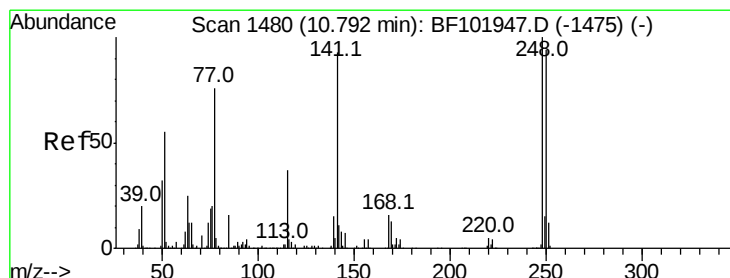
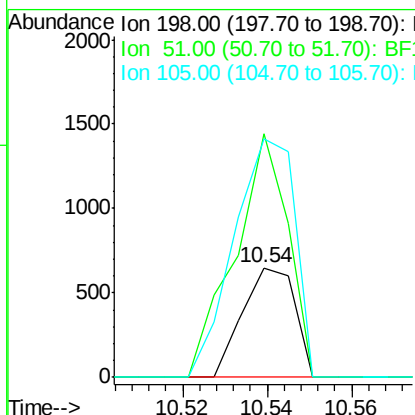
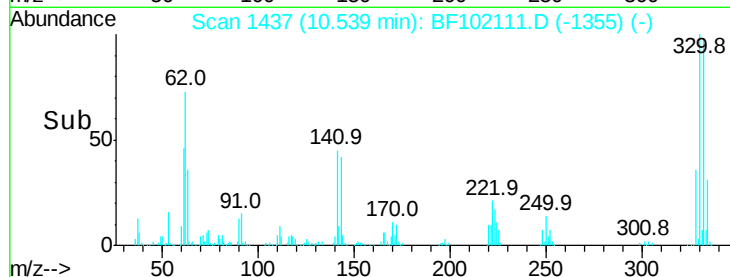
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.878 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 559
 Ion Ratio Lower Upper
 198 100
 51 222.2 37.7 77.7#
 105 217.4 36.3 76.3#

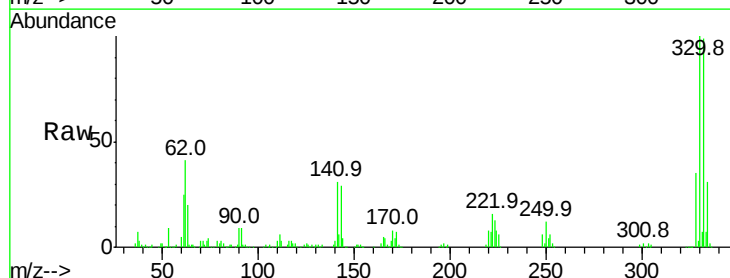


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

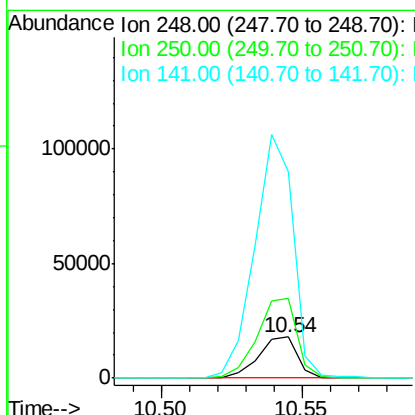
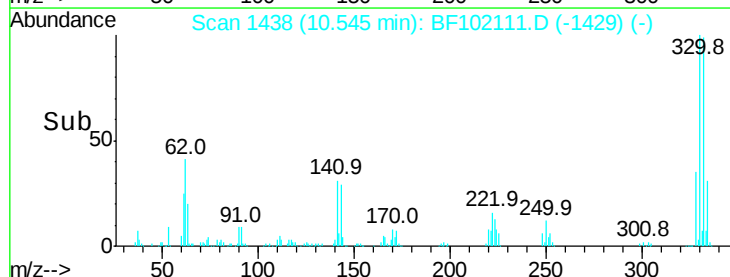


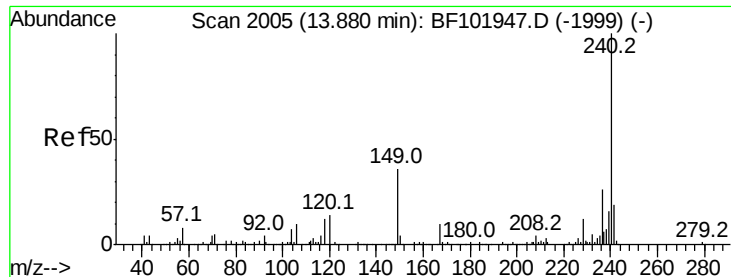
#66
 4-Bromophenyl-phenylether
 Concen: 3.844 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion:248 Resp: 17081
 Ion Ratio Lower Upper
 248 100
 250 193.3 76.9 115.3#
 141 500.4 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: BF102111.D

Acq: 16 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

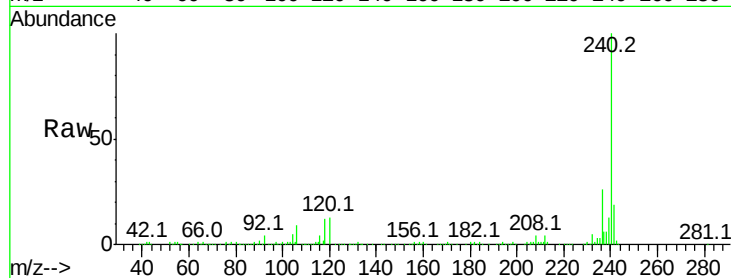
Tot Ion:240 Resp: 283734

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

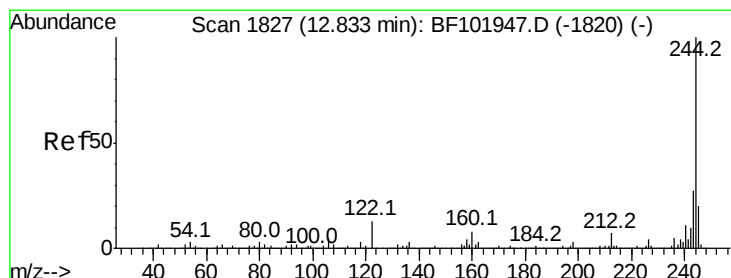
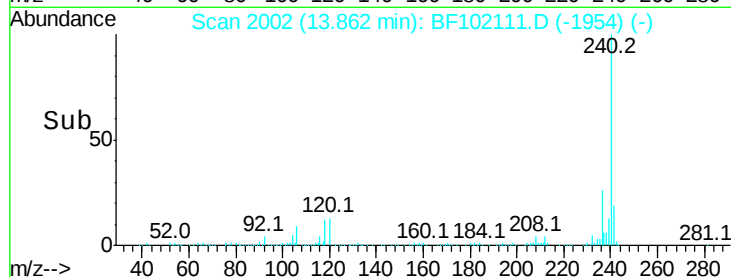
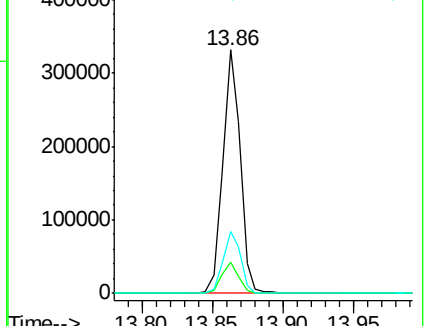
236 25.5 20.7 31.1



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: 67.989 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

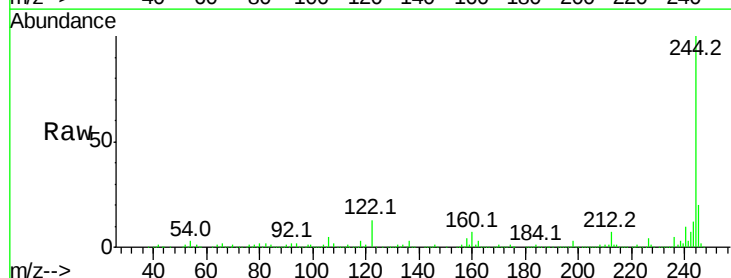
Tgt Ion:244 Resp: 929105

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

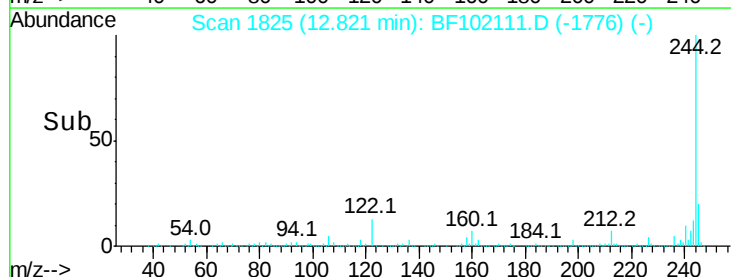
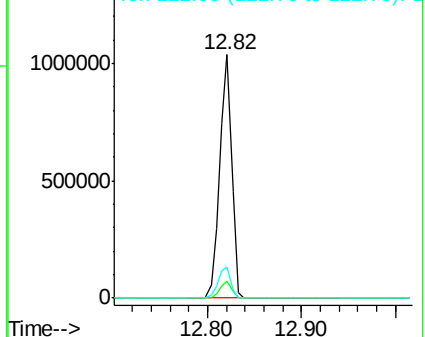
122 12.9 11.0 16.4

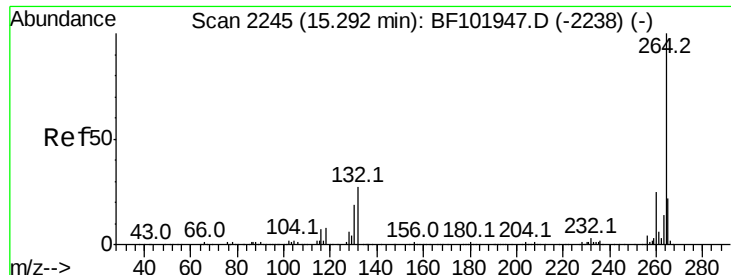


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

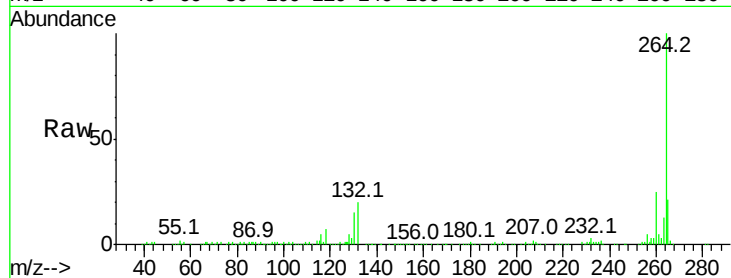




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	20.8	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

