

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102129.D
 Acq On : 17 Jan 2018 00:09
 Operator : SJ/JU
 Sample : J1122-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

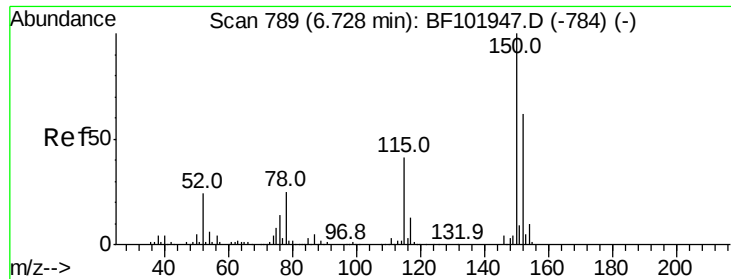
Quant Time: Jan 17 02:29:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137234	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	540825	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	234294	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	368450	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	252995	20.00	ng	-0.02
86) Perylene-d12	15.28	264	246451	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	842576	86.70	ng	0.00
7) Phenol-d6	6.36	99	1038787	89.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	648081	70.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	206081	100.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1160748	77.40	ng	-0.01
78) Terphenyl-d14	12.82	244	853446	70.04	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	19175	2.382	ng	86
19) n-Nitroso-di-n-propylamine	7.29	70	87605	11.529	ng	# 79
25) Isophorone	7.29	82	645583	35.501	ng	# 64
49) Dimethylphthalate	9.47	163	119900	6.379	ng	99
56) 2,4-Dinitrotoluene	9.75	165	29245	6.215	ng	# 23
62) Azobenzene	10.46	77	49149	2.642	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	303	5.796	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14197	3.649	ng	# 1

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

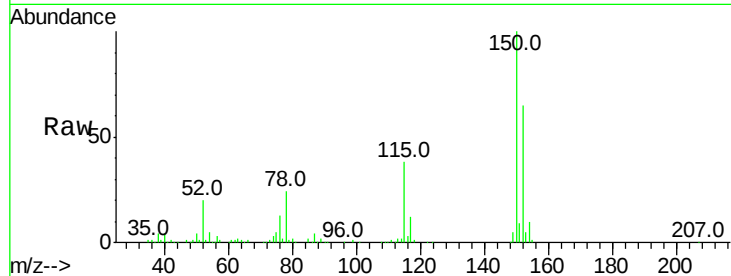


#1

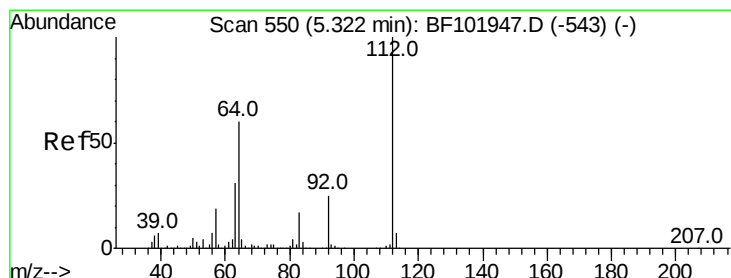
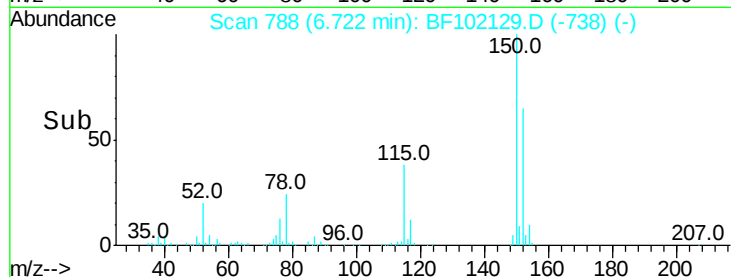
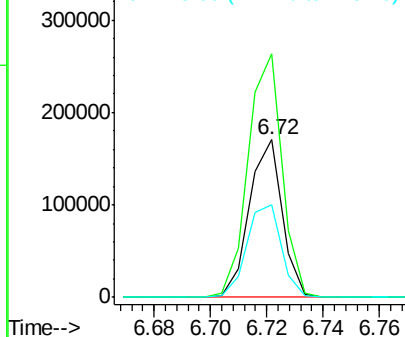
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137234
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.0 50.1 75.1



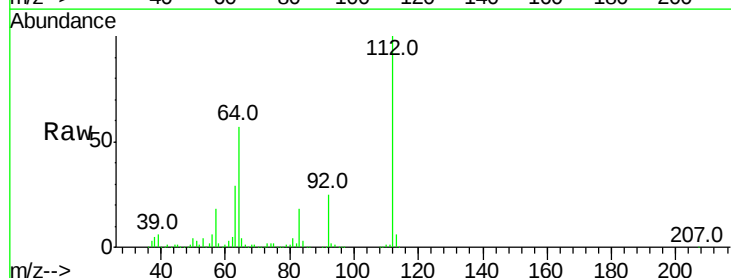
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



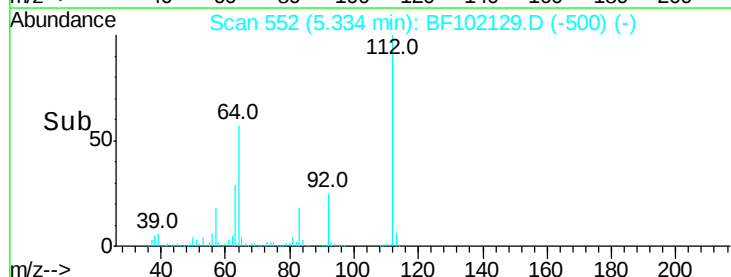
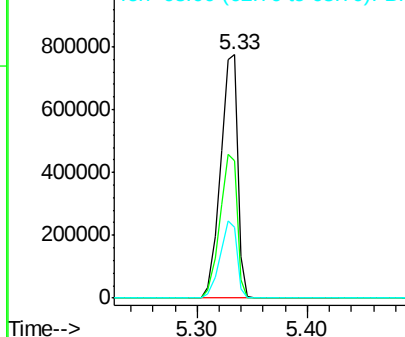
#5

2-Fluorophenol
Concen: 86.698 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

Tgt Ion:112 Resp: 842576
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 29.0 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: 89.587 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

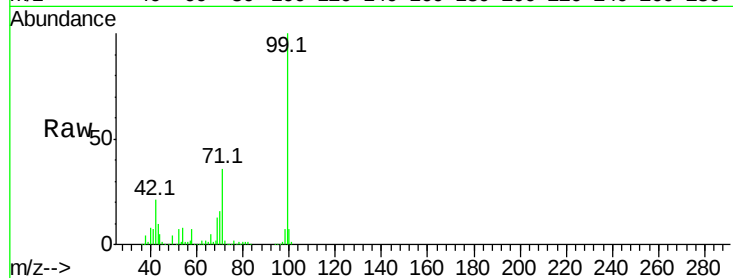
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1038787

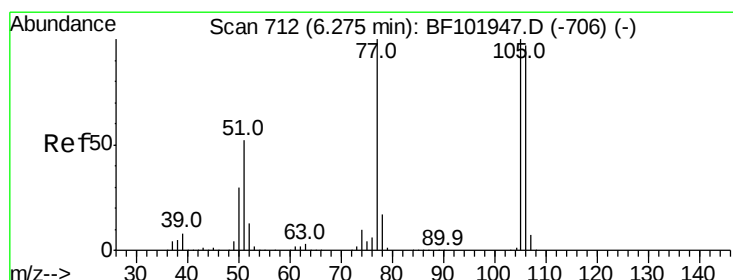
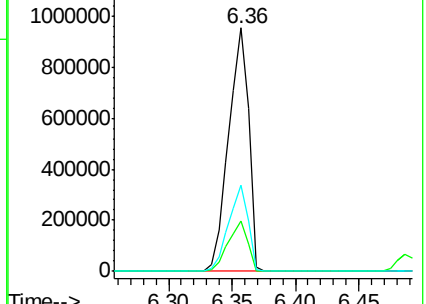
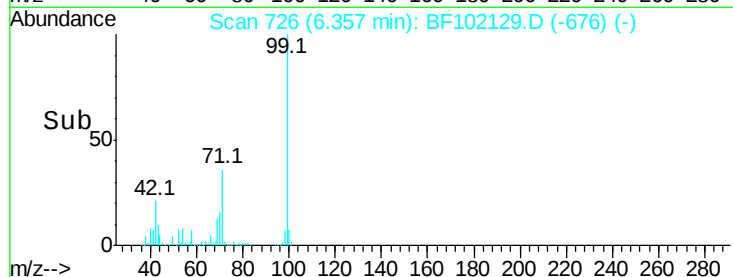
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.6	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.382 ng

RT: 6.49 min Scan# 748

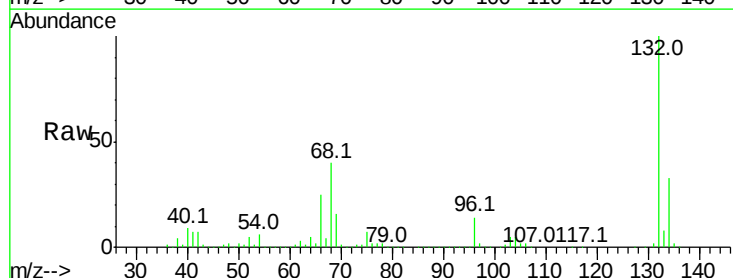
Delta R.T. 0.21 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

Tgt Ion: 77 Resp: 19175

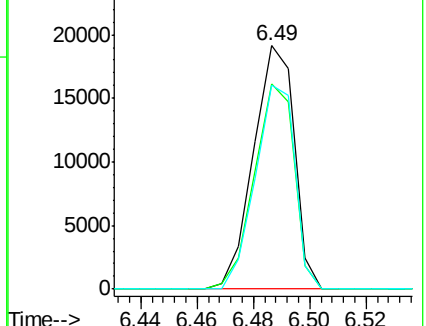
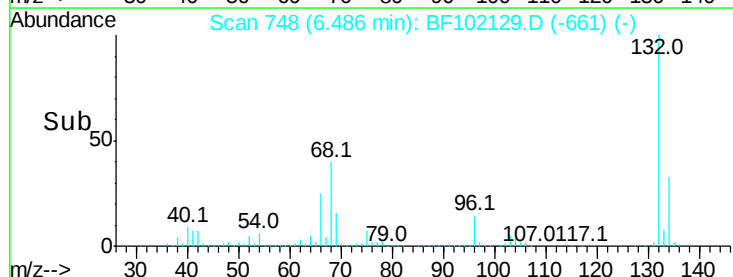
Ion	Ratio	Lower	Upper
77	100		
105	84.1	81.1	121.1
106	83.7	74.5	114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

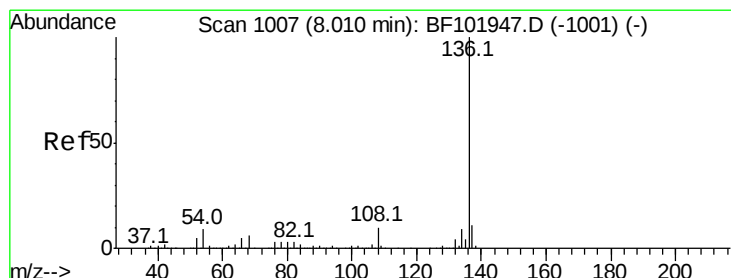
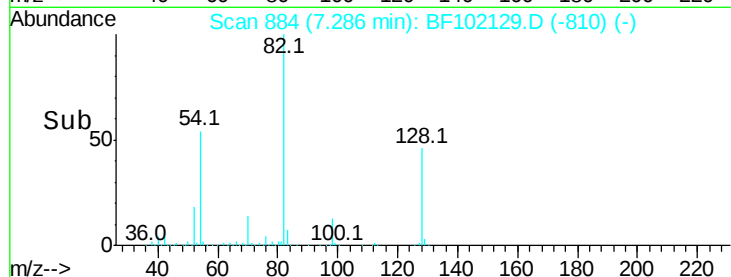
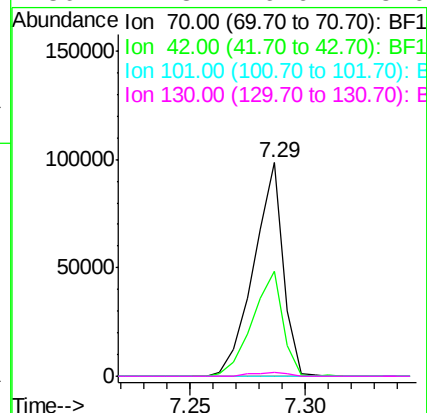
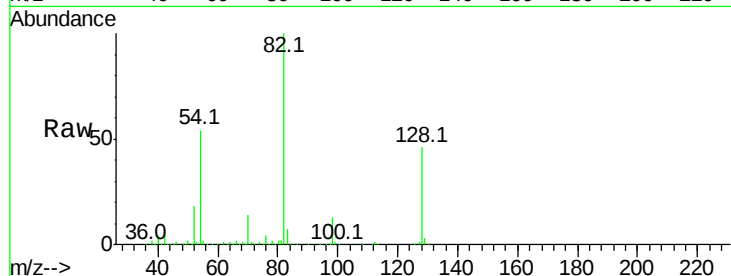




#19
n-Nitroso-di-n-propylamine
Concen: 11.529 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

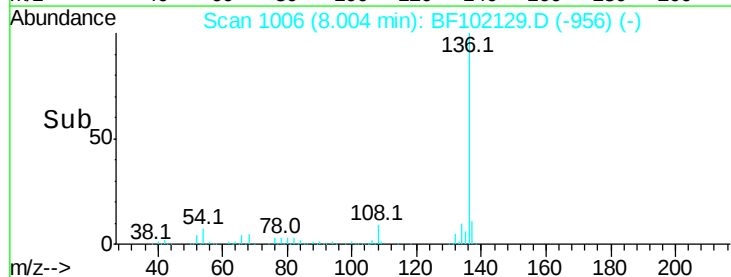
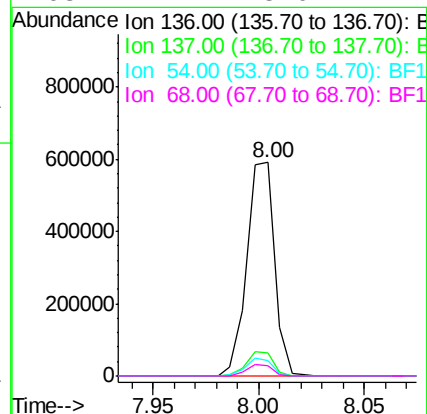
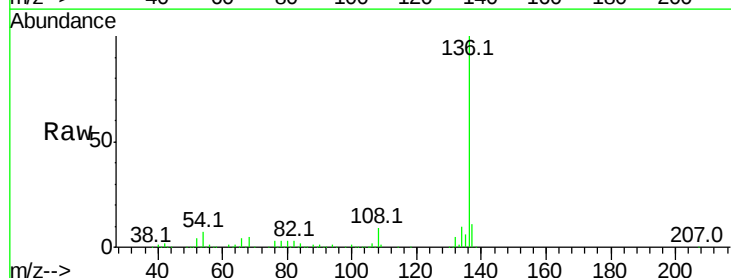
Instrument :
BNA_F
ClientSampleId :

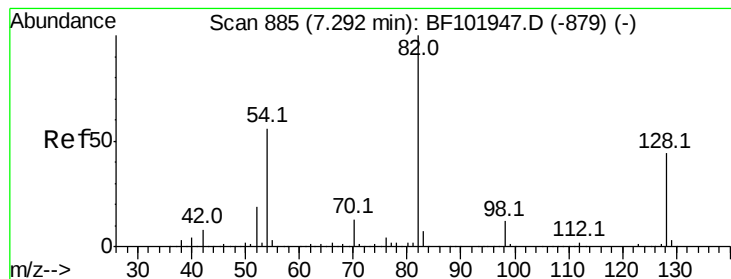
Tot Ion: 70 Resp: 87605
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

Tgt Ion: 136 Resp: 540825
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.6 9.8
68 4.7 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 70.418 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

Instrument :

BNA_F

ClientSampled :

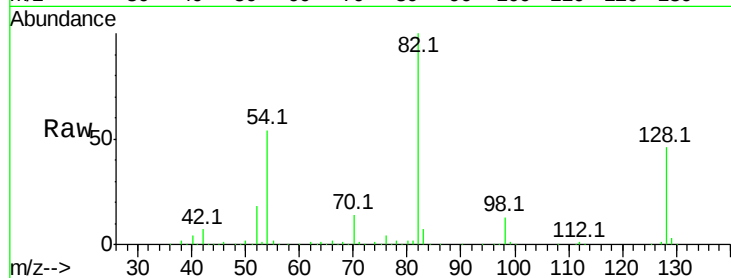
Tot Ion: 82 Resp: 648081

Ion Ratio Lower Upper

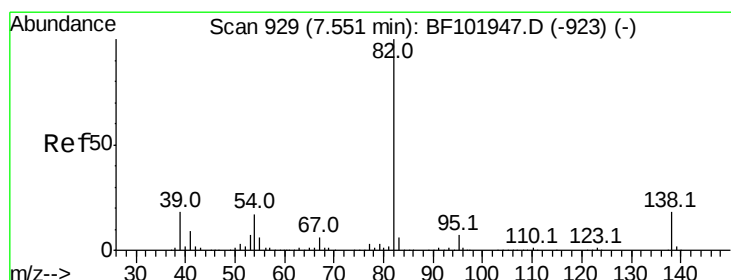
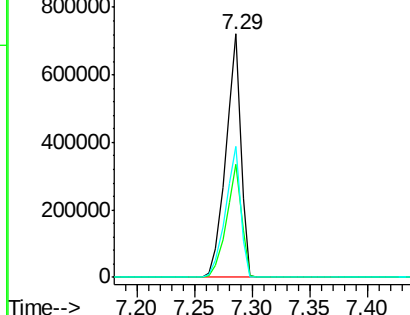
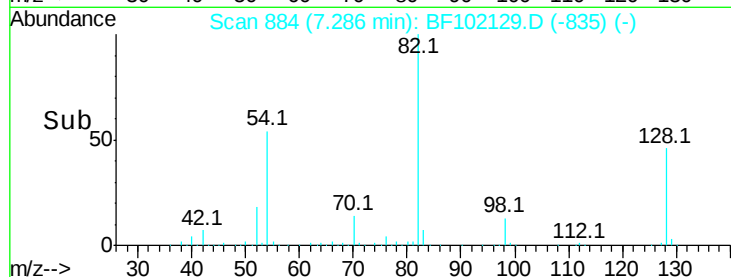
82 100

128 46.2 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): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.501 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

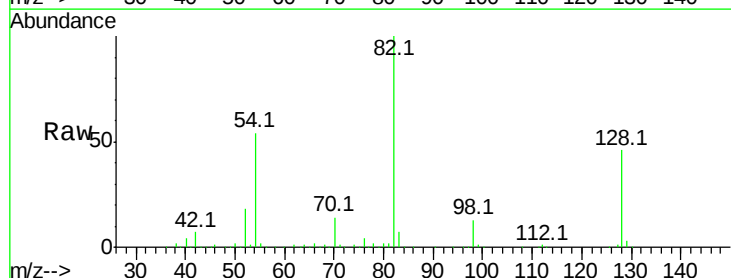
Tgt Ion: 82 Resp: 645583

Ion Ratio Lower Upper

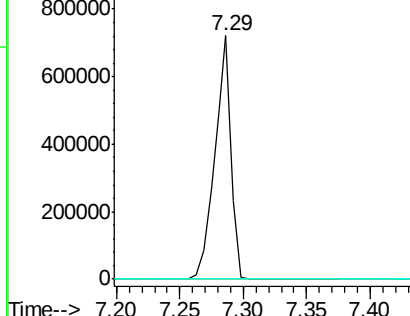
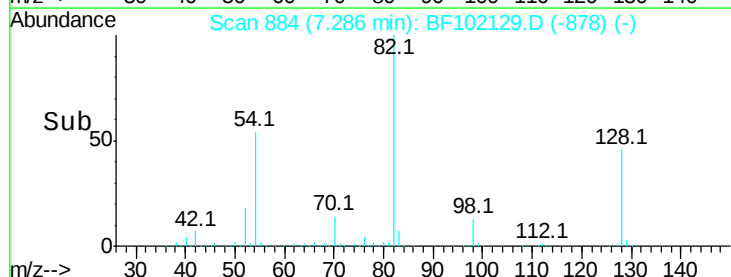
82 100

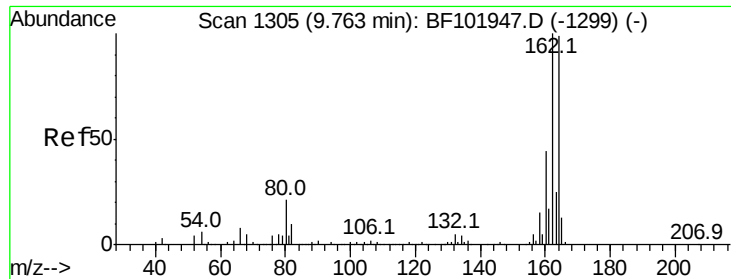
95 0.0 5.2 7.8#

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

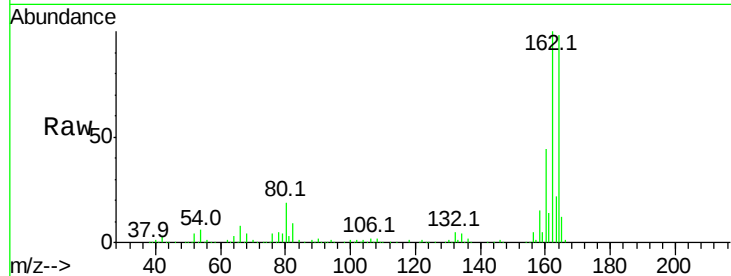




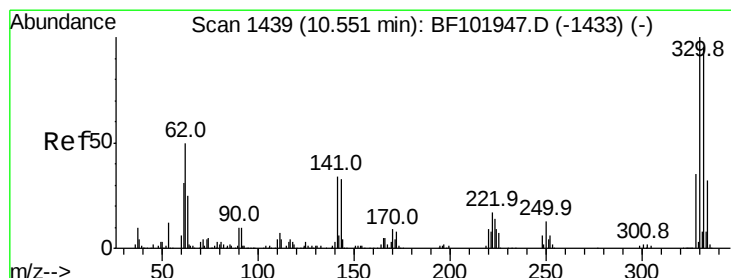
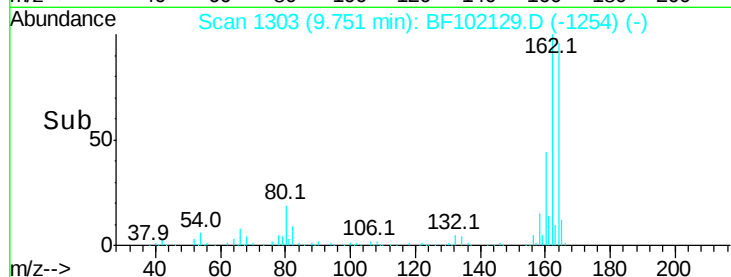
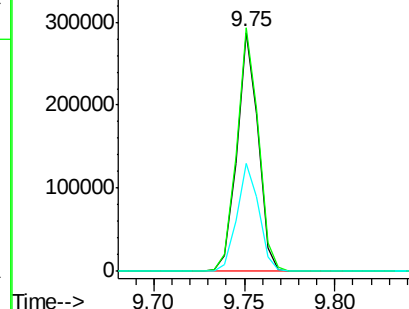
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.3	38.3	57.5

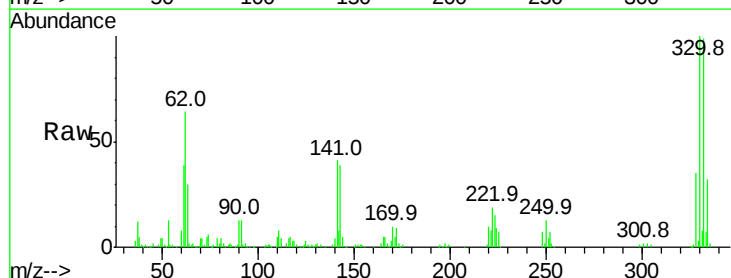


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

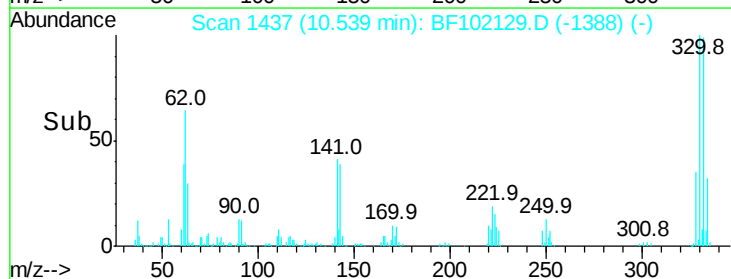
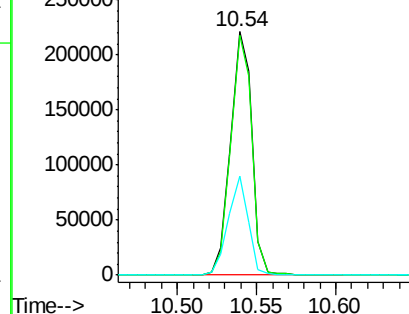


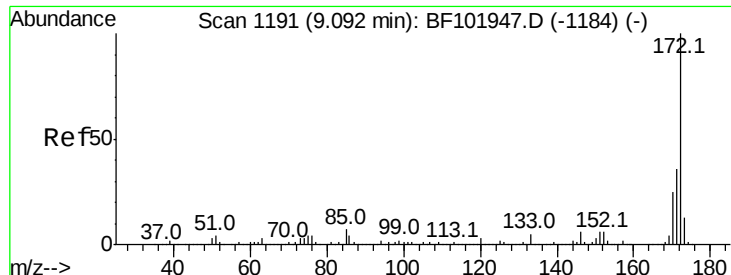
#41
 2,4,6-Tribromophenol
 Concen: 100.790 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.4	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

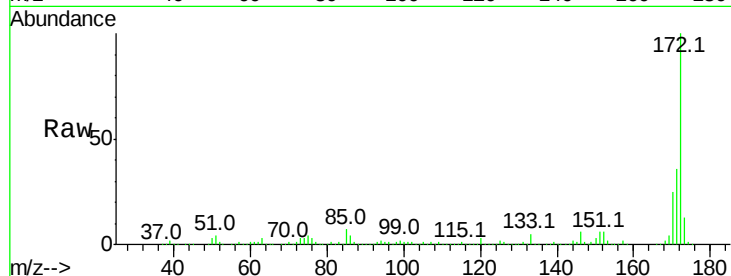




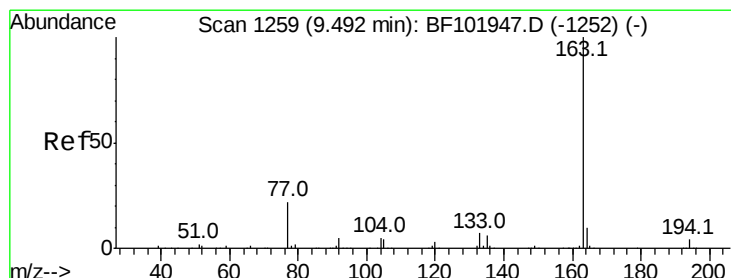
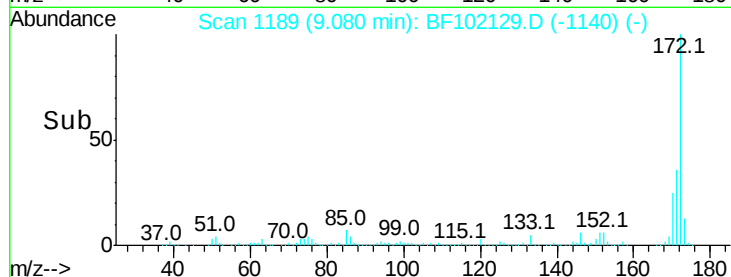
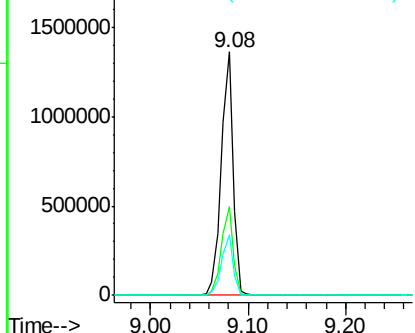
#44
2-Fluorobiphenyl
Concen: 77.399 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1160748
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.6 19.6 29.4

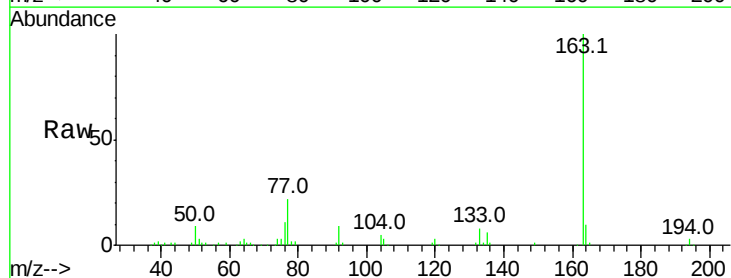


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

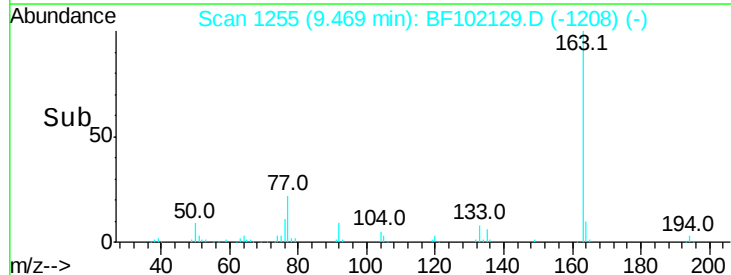
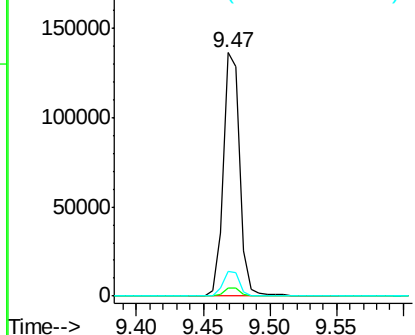


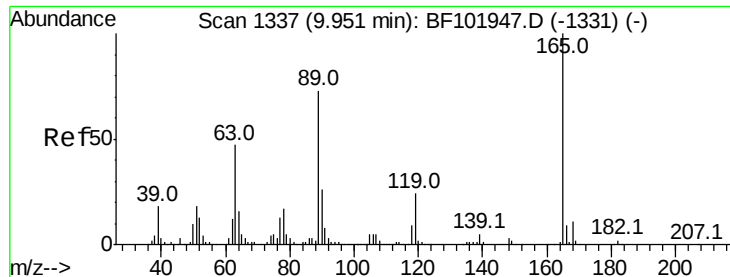
#49
Dimethylphthalate
Concen: 6.379 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102129.D
Acq: 17 Jan 2018 00:09

Tgt Ion:163 Resp: 119900
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 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

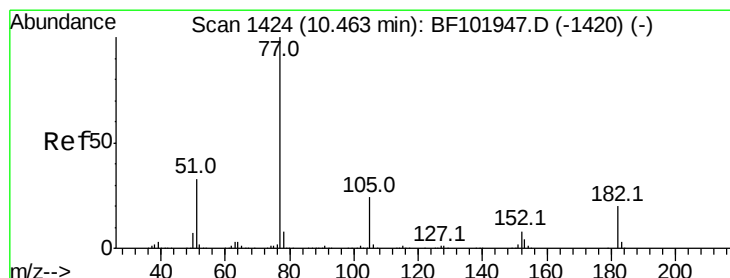
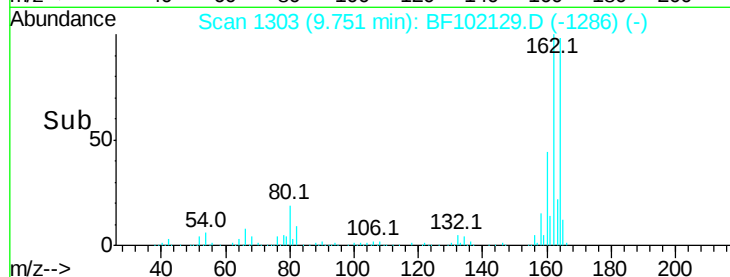
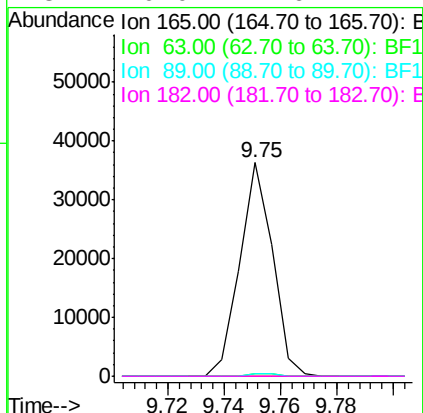
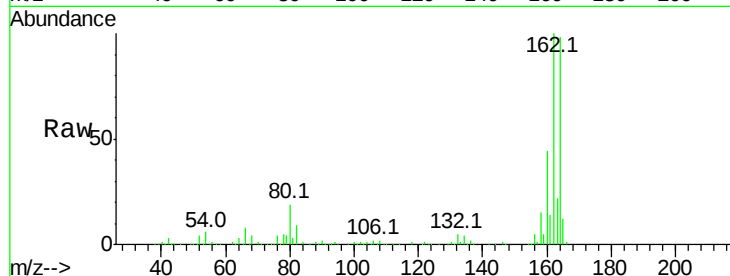




#56
 2,4-Dinitrotoluene
 Concen: 6.215 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

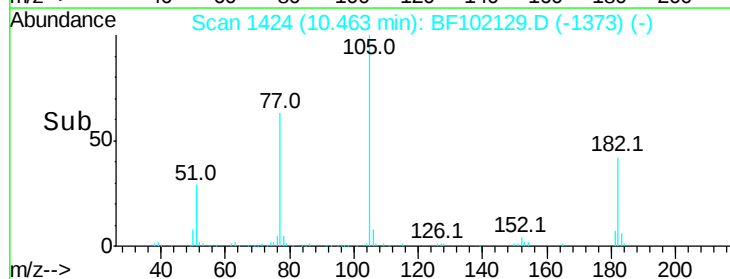
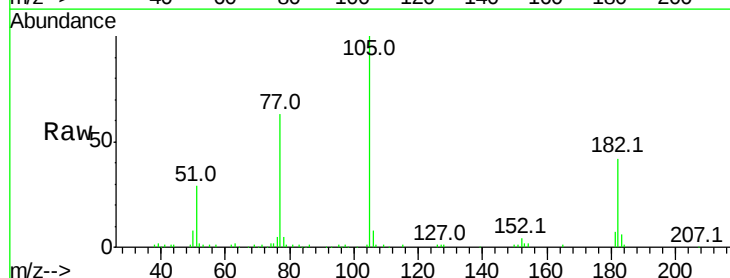
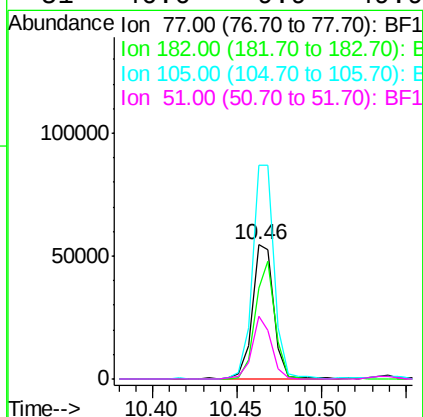
Instrument :
 BNA_F
 ClientSampleId :

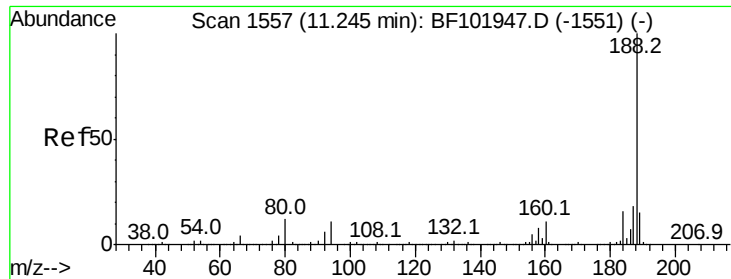
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.642 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	67.7	1.7	41.7#
105	159.4	3.0	43.0#
51	46.6	9.9	49.9

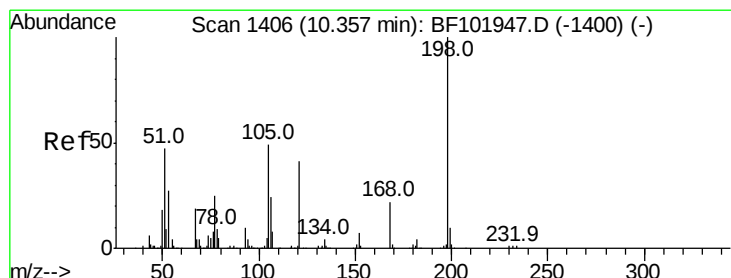
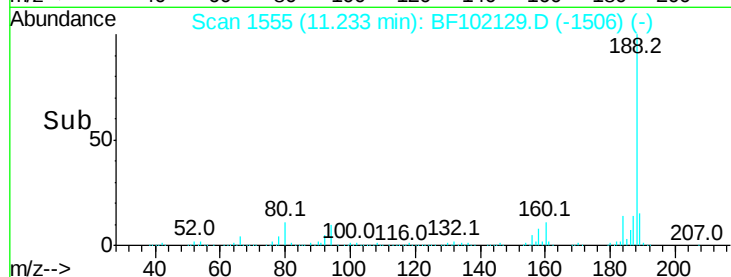
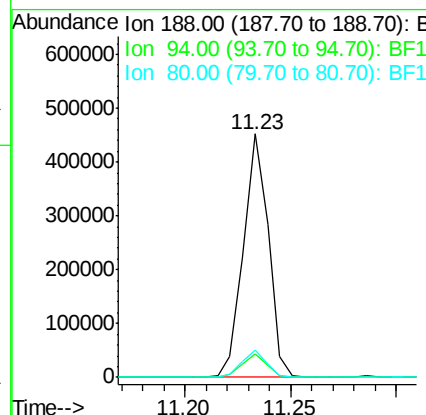
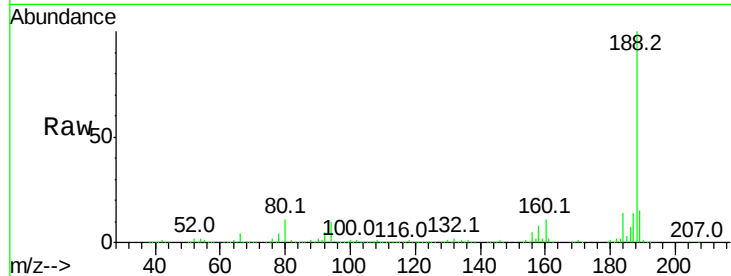




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

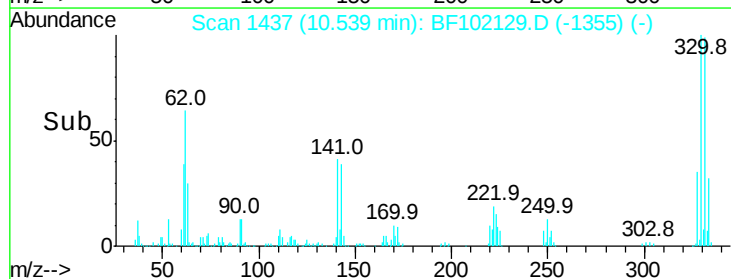
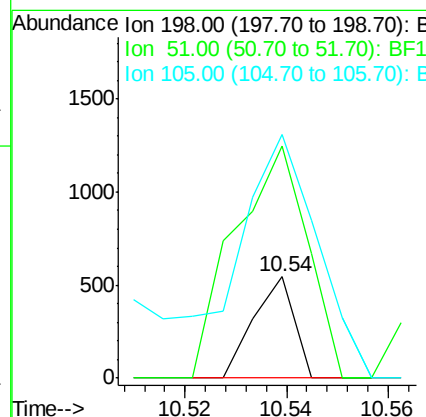
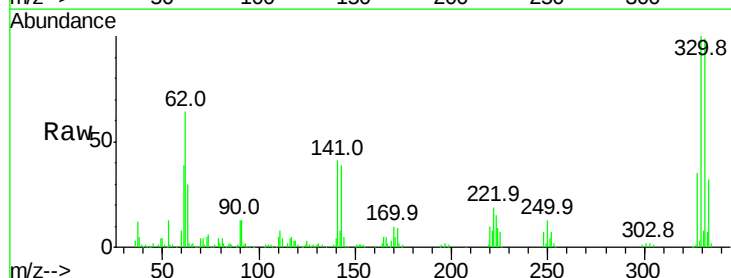
Instrument :
 BNA_F
 ClientSampleId :

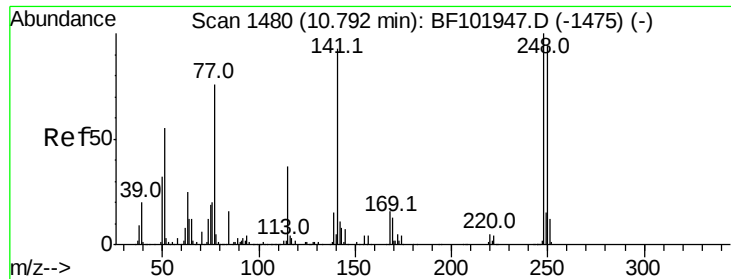
Tot Ion:188 Resp: 368450
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.796 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Tgt Ion:198 Resp: 303
 Ion Ratio Lower Upper
 198 100
 51 230.0 37.7 77.7#
 105 240.9 36.3 76.3#

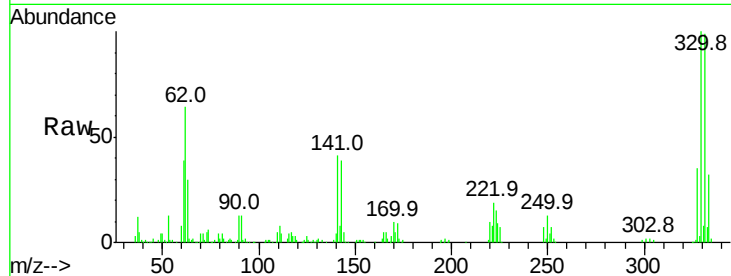




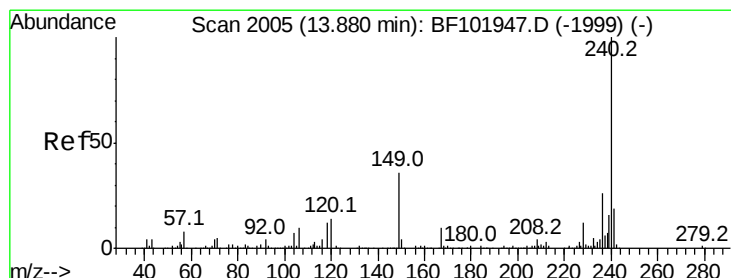
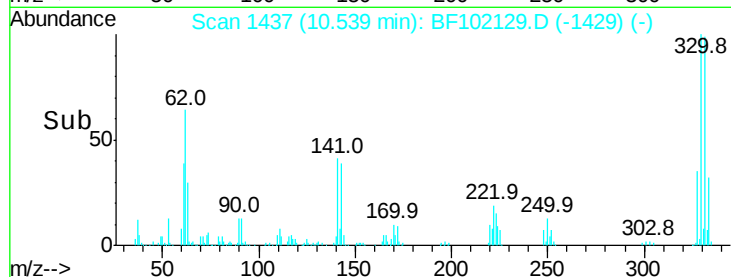
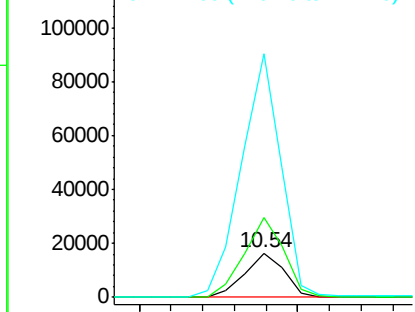
#66
 4-Bromophenyl-phenylether
 Concen: 3.649 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14197
 Ion Ratio Lower Upper
 248 100
 250 179.8 76.9 115.3#
 141 550.0 74.4 111.6#

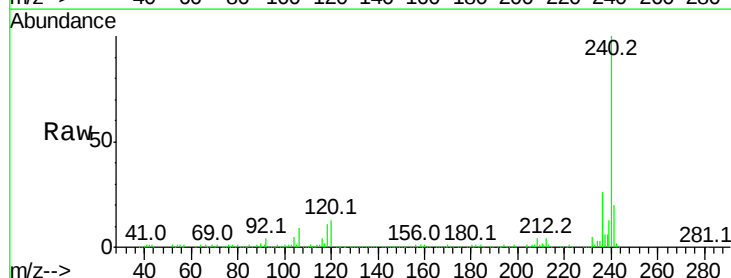


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

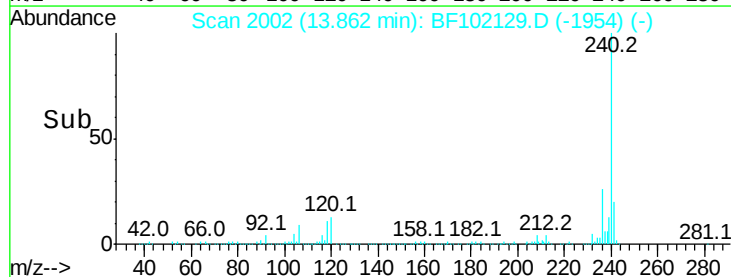
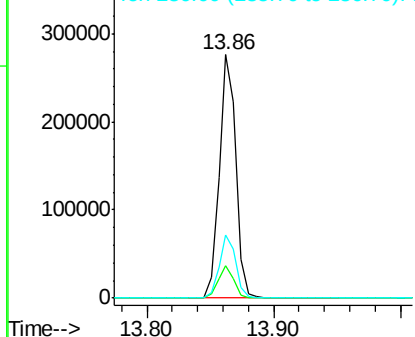


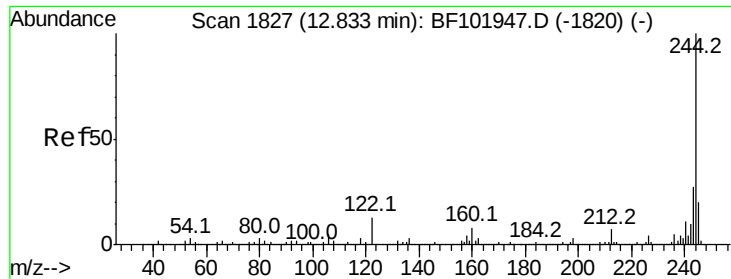
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF102129.D
 Acq: 17 Jan 2018 00:09

Tgt Ion:240 Resp: 252995
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.8 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: 70.040 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

Instrument :

BNA_F

ClientSampleId :

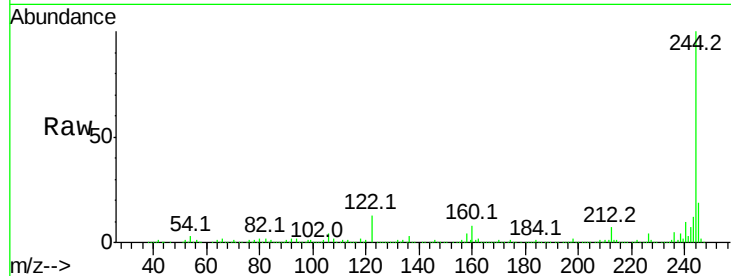
Tot Ion:244 Resp: 853446

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

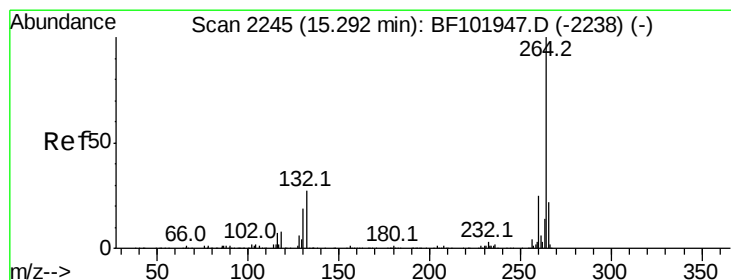
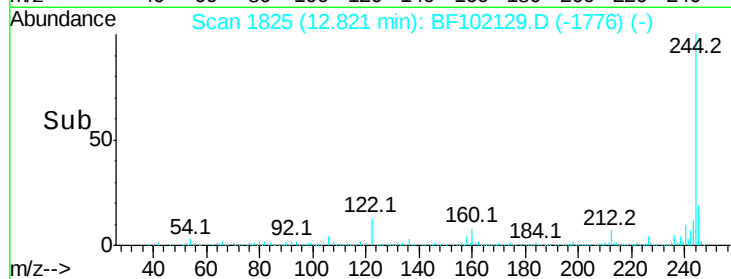
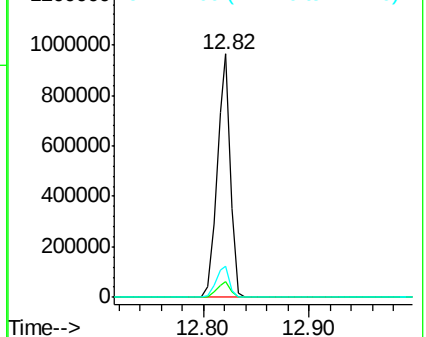
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102129.D

Acq: 17 Jan 2018 00:09

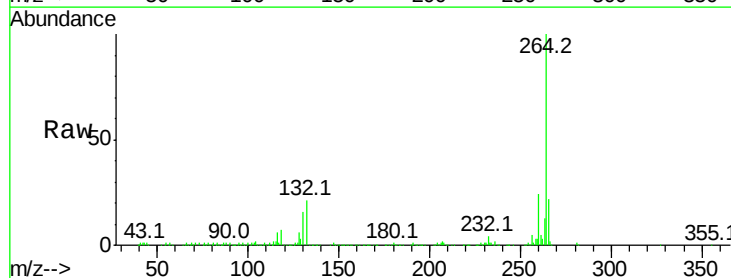
Tgt Ion:264 Resp: 246451

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 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

