

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103249.D
 Acq On : 27 Feb 2018 6:49
 Operator : SJ/JU
 Sample : J1395-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 07:26:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

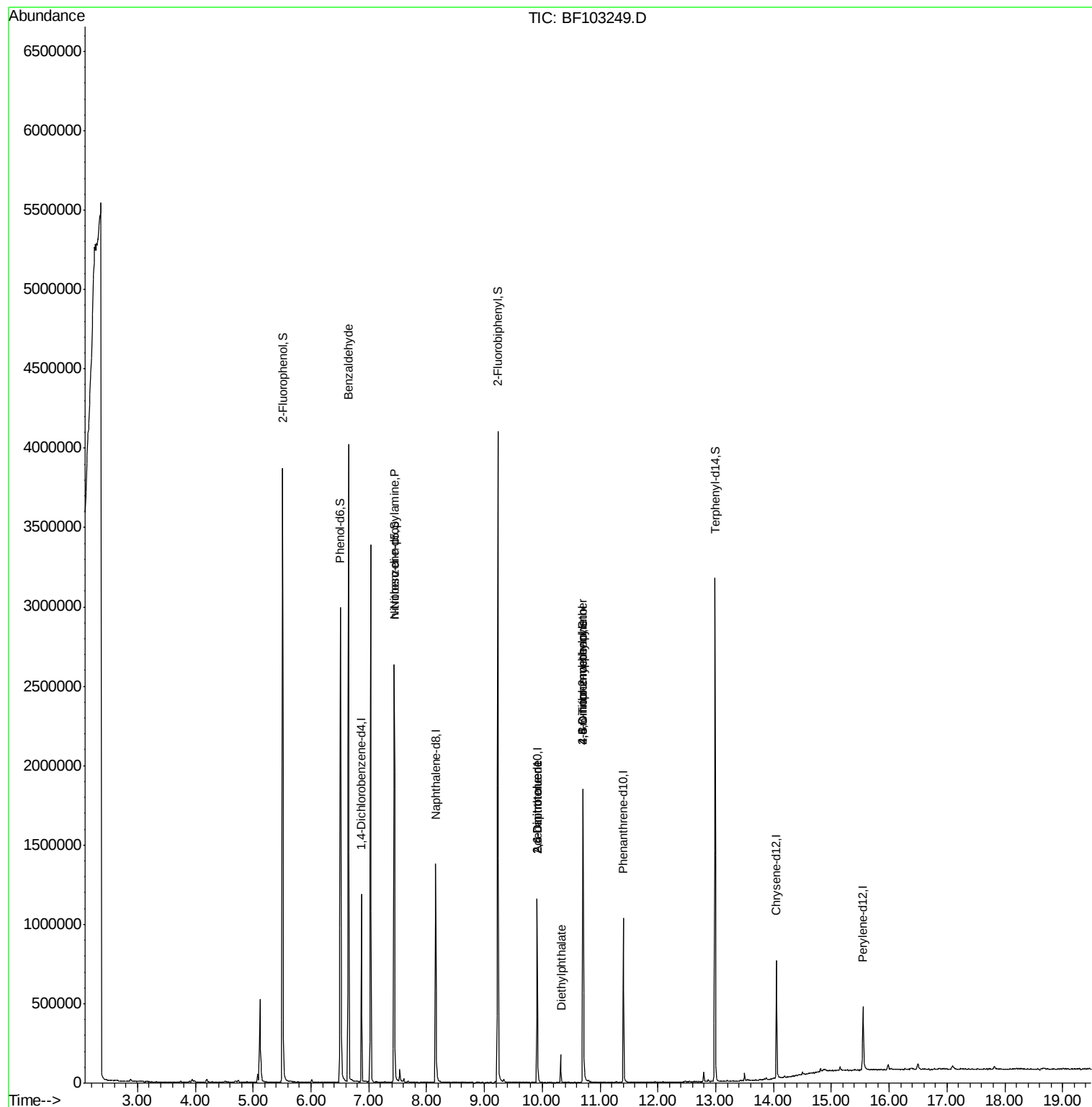
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156847	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	631198	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248333	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	372750	20.00	ng	0.00
75) Chrysene-d12	14.05	240	251328	20.00	ng	0.00
86) Perylene-d12	15.55	264	177175	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1173123	113.12	ng	0.02
7) Phenol-d6	6.51	99	1255847	98.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	931612	84.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	236971	112.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1427367	104.52	ng	0.00
78) Terphenyl-d14	12.99	244	1142017	109.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	25365	2.11	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.44	70	125745	15.92	ng	# 80
50) 2,6-Dinitrotoluene	9.91	165	31637	7.57	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	31637	5.98	ng	# 23
59) Diethylphthalate	10.32	149	55937	2.94	ng	98
64) 4,6-Dinitro-2-methylphenol	10.71	198	521	5.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15787	4.07	ng	# 1

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

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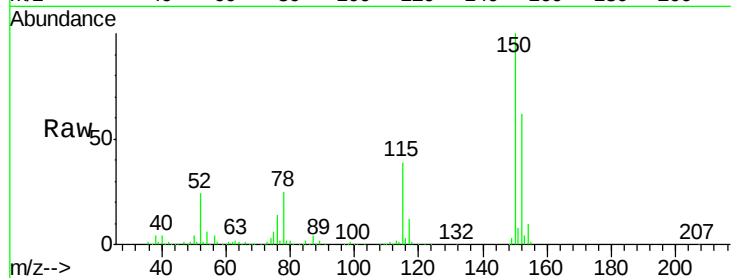


#1

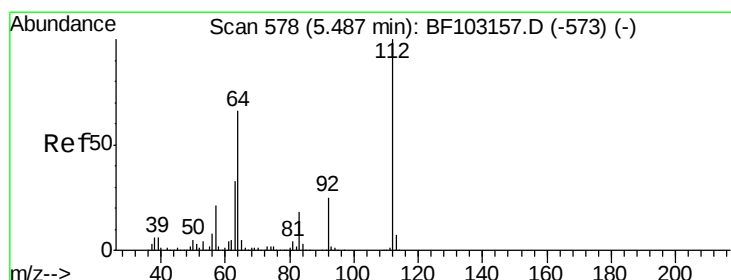
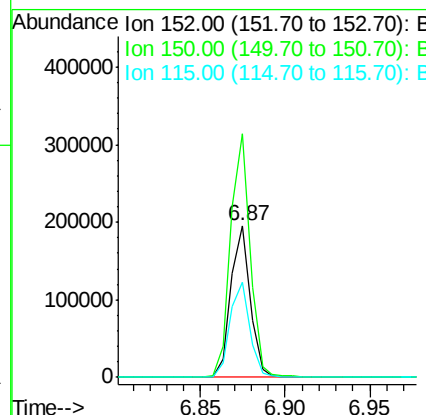
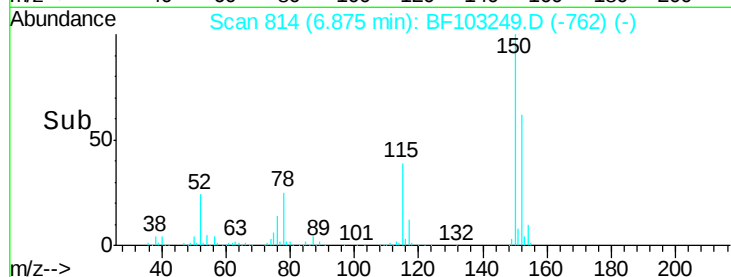
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	62.3	50.1	75.1



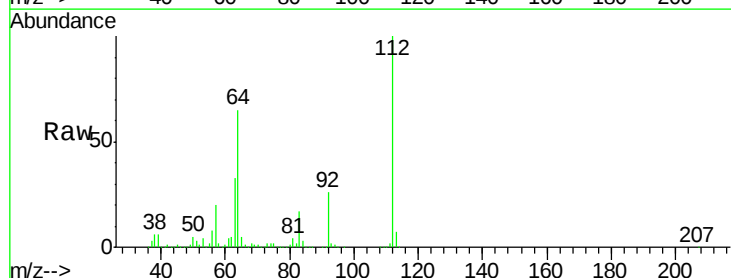
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



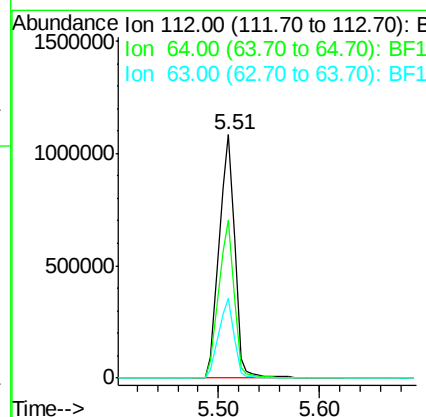
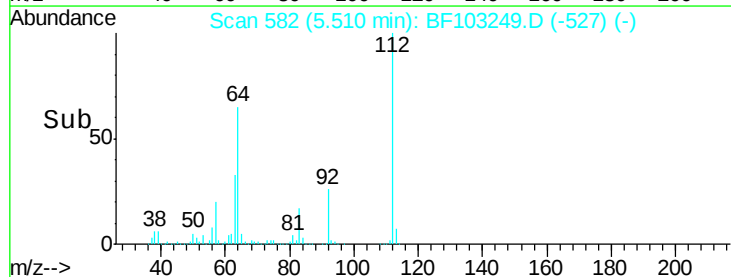
#5

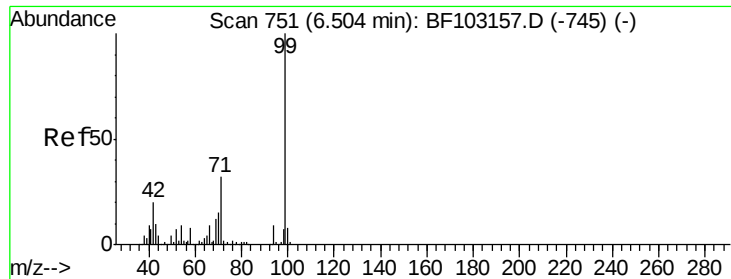
2-Fluorophenol
Concen: 113.12 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	33.0	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: 98.96 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103249.D

Acq: 27 Feb 2018 6:49

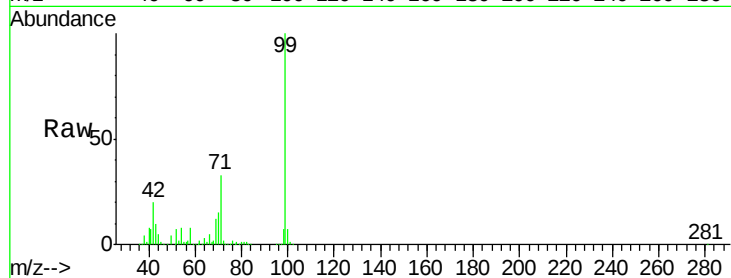
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1255847

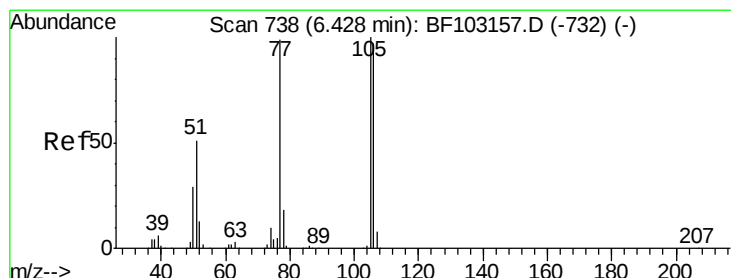
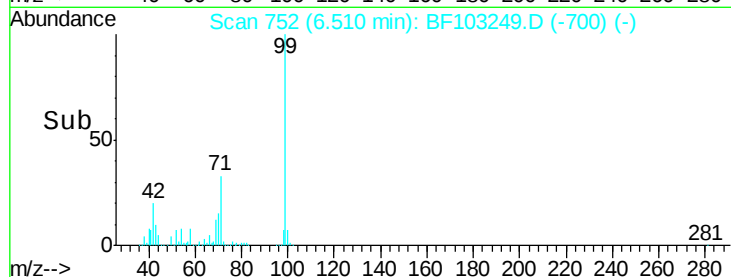
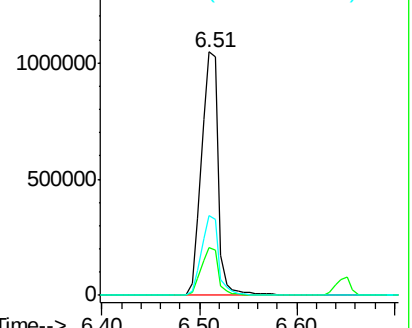
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.0	25.4	38.0



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: 2.11 ng

RT: 6.65 min Scan# 776

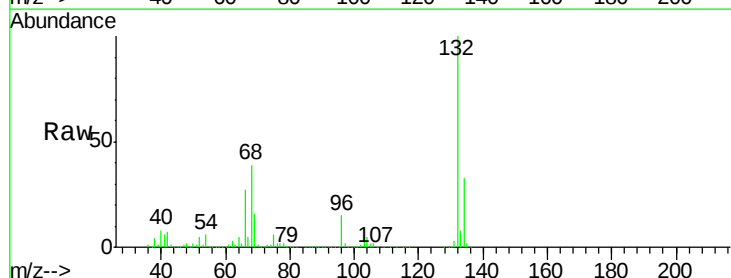
Delta R.T. 0.22 min

Lab File: BF103249.D

Acq: 27 Feb 2018 6:49

Tgt Ion: 77 Resp: 25365

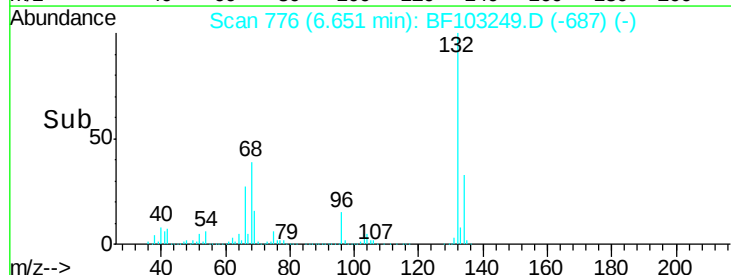
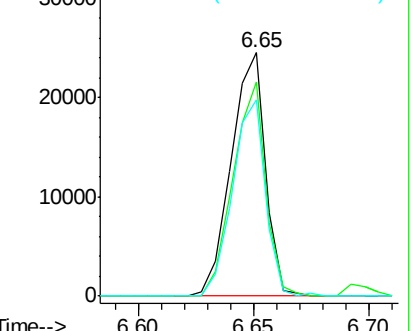
Ion	Ratio	Lower	Upper
77	100		
105	88.1	81.1	121.1
106	80.9	74.5	114.5

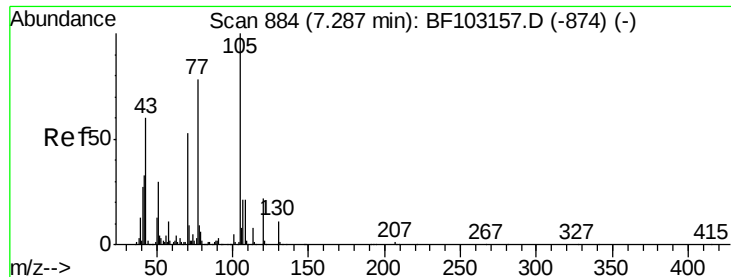


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

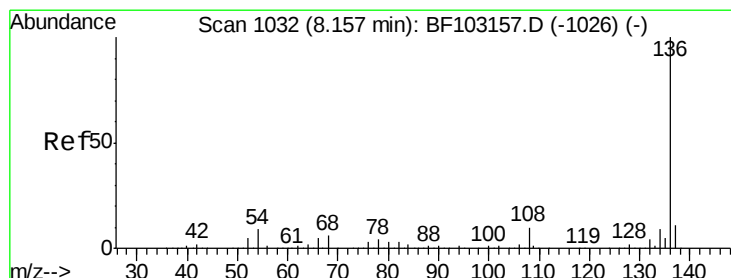
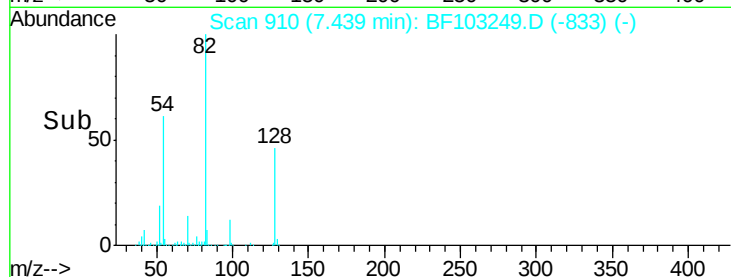
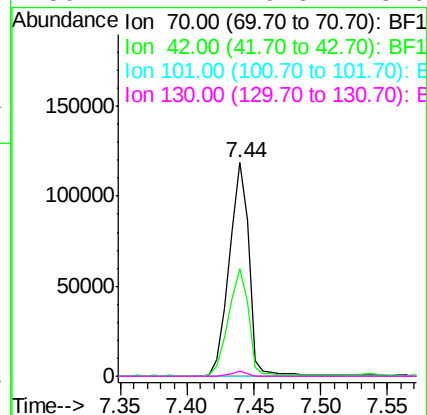
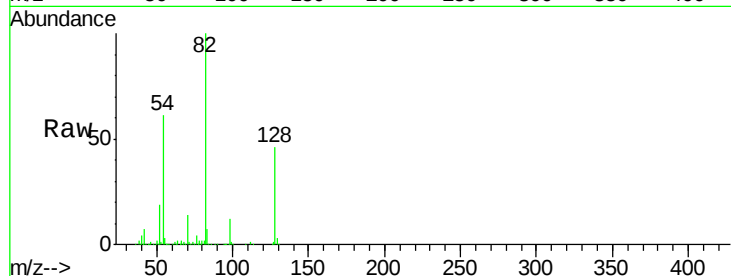




#19
n-Nitroso-di-n-propylamine
Concen: 15.92 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

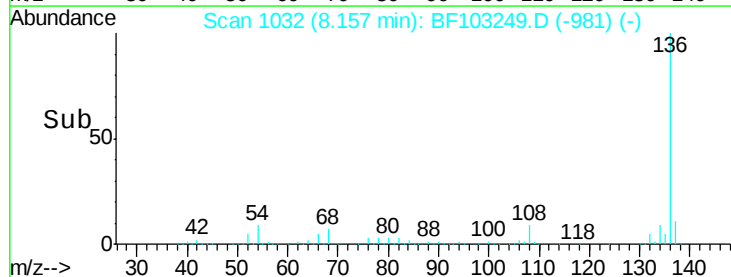
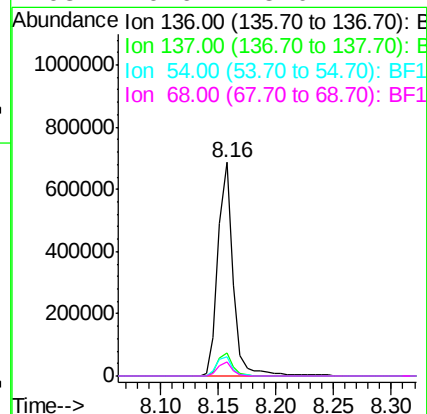
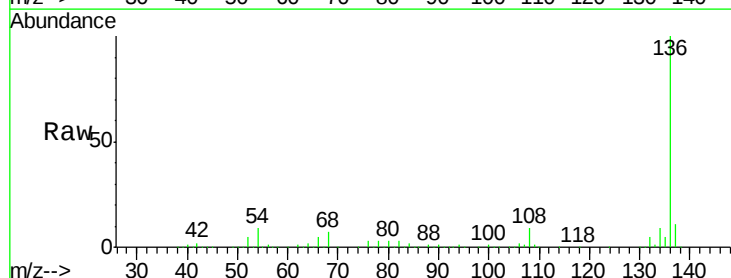
Instrument :
BNA_F
ClientSampleId :

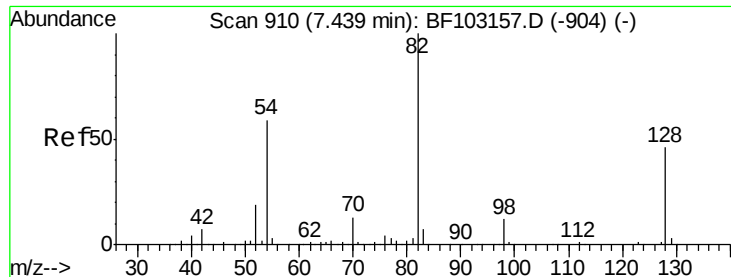
Tot Ion: 70 Resp: 125745
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Tgt Ion: 136 Resp: 631198
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.6 9.8
68 6.6 5.0 7.4

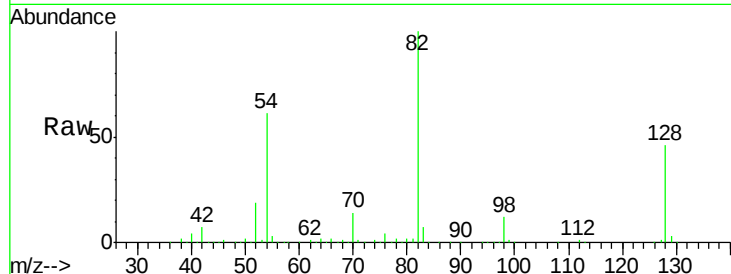




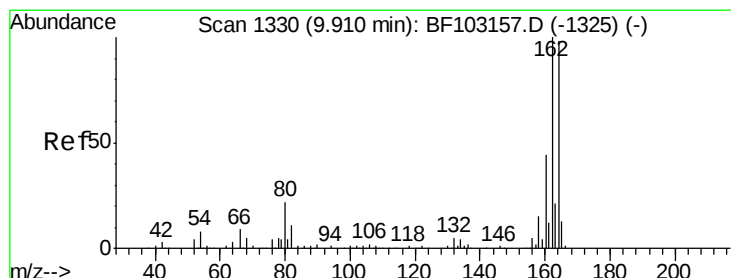
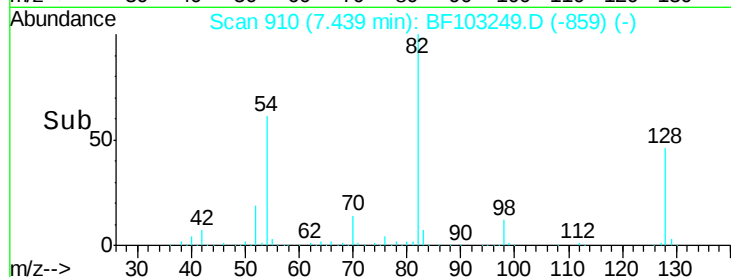
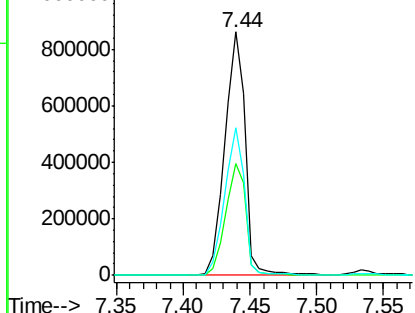
#23
 Nitrobenzene-d5
 Concen: 84.29 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103249.D
 Acq: 27 Feb 2018 6:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	931612
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	60.8	41.4	62.2

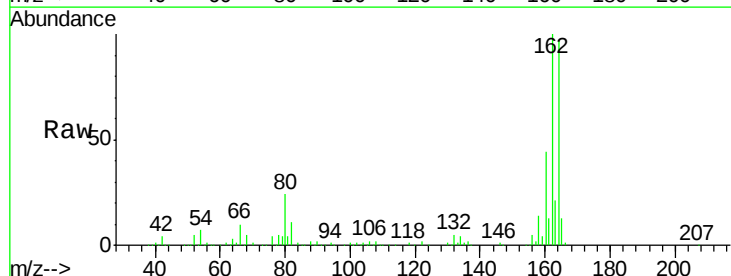


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

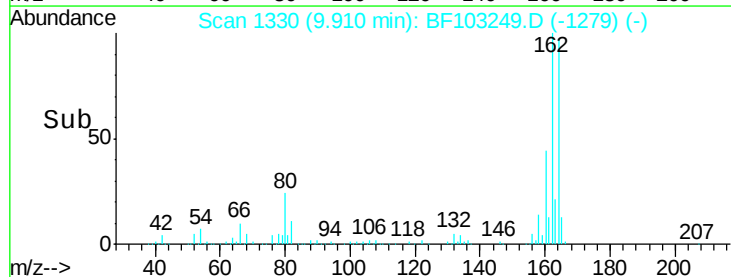
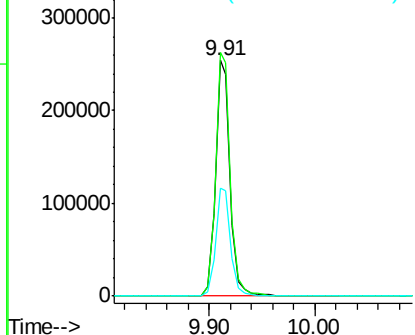


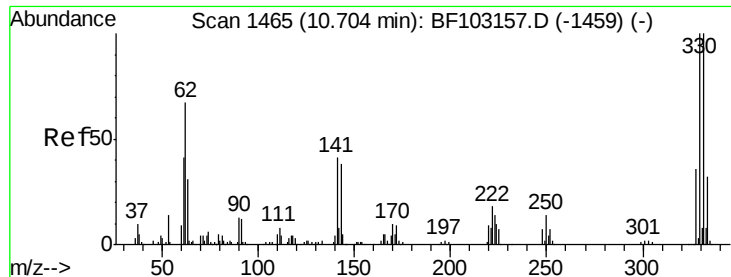
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103249.D
 Acq: 27 Feb 2018 6:49

Tgt Ion	164	Resp	248333
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

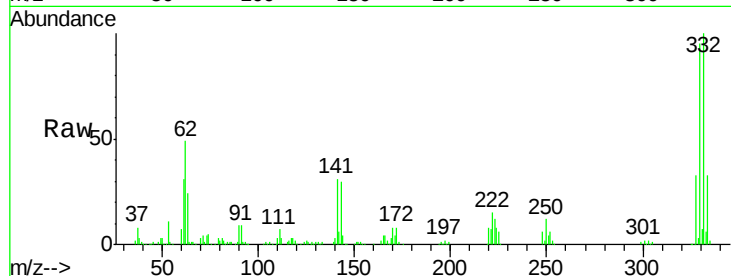




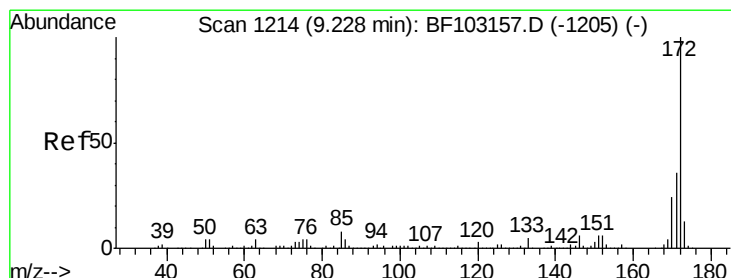
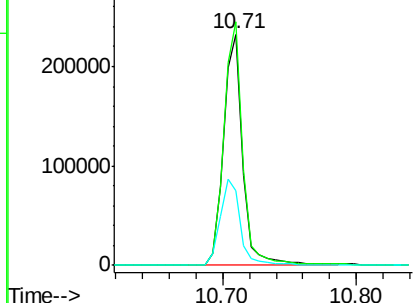
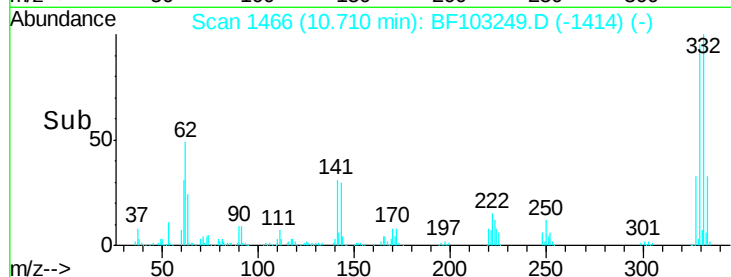
#41
 2,4,6-Tribromophenol
 Concen: 112.74 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103249.D
 Acq: 27 Feb 2018 6:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 236971
 Ion Ratio Lower Upper
 330 100
 332 104.9 77.0 115.6
 141 40.3 29.9 44.9

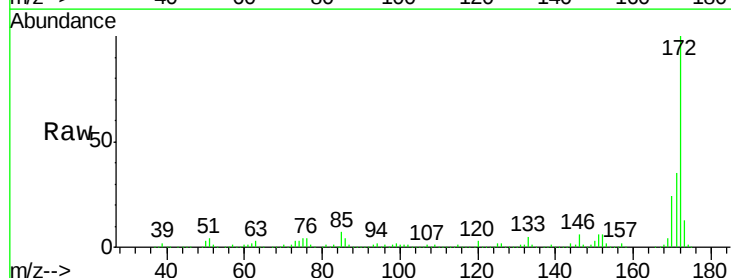


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

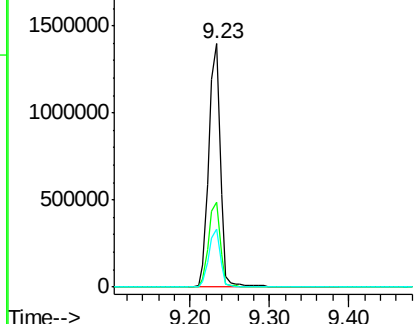
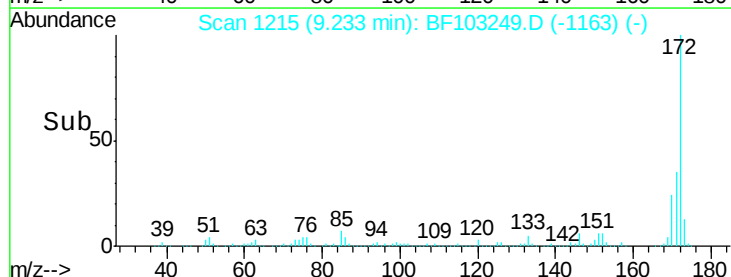


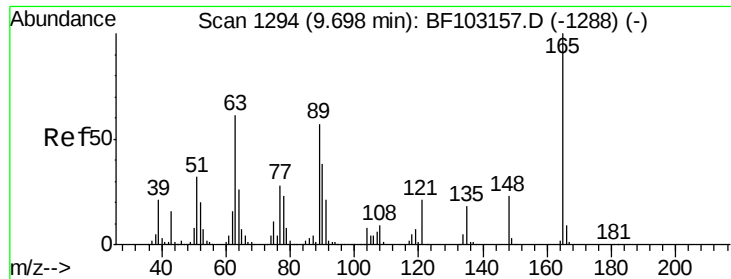
#44
 2-Fluorobiphenyl
 Concen: 104.52 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103249.D
 Acq: 27 Feb 2018 6:49

Tgt Ion:172 Resp: 1427367
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.9 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

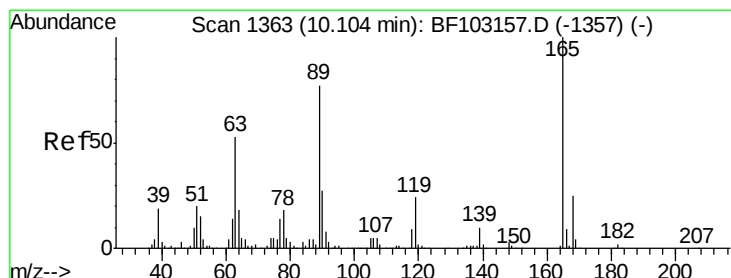
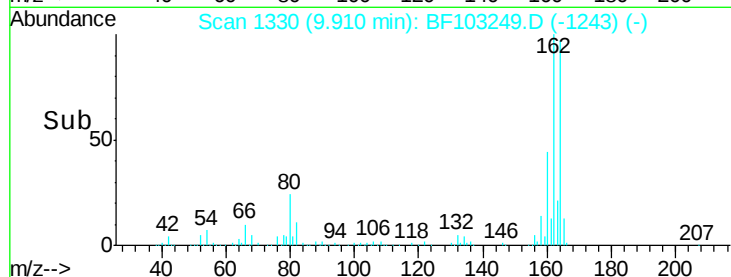
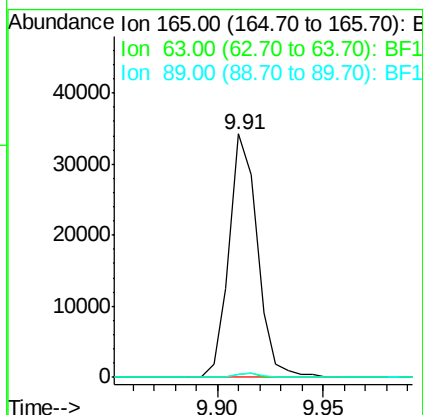
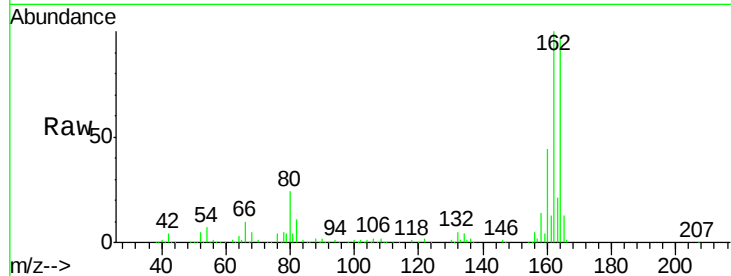




#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

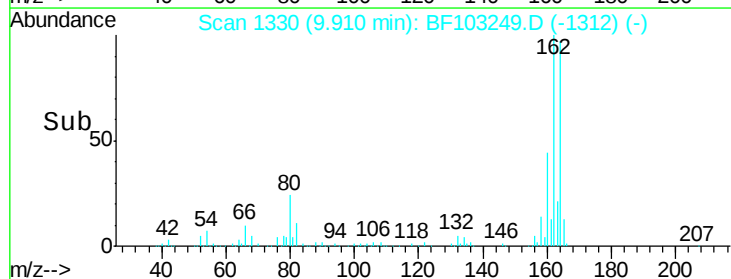
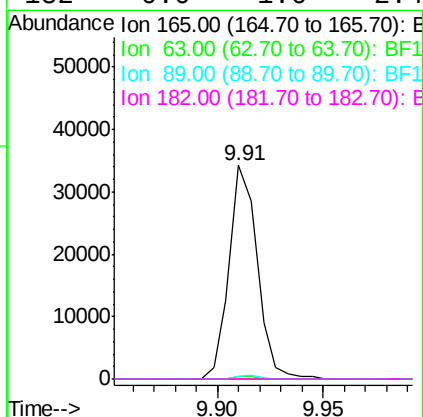
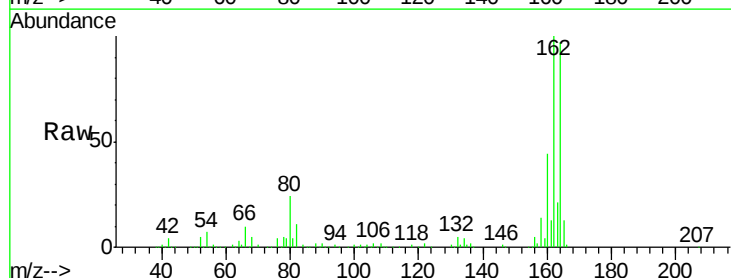
Instrument :
BNA_F
ClientSampleId :

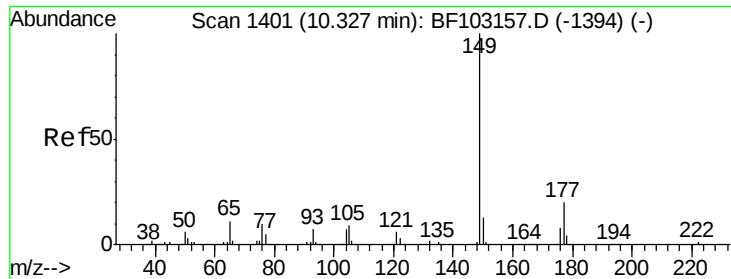
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

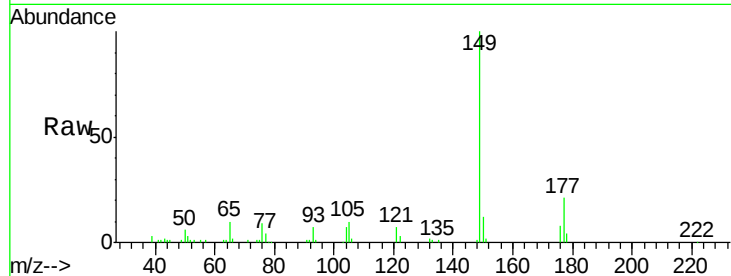




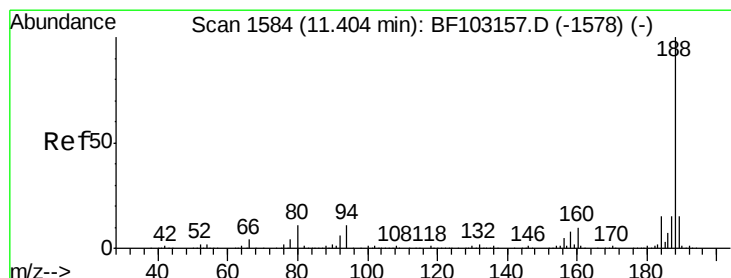
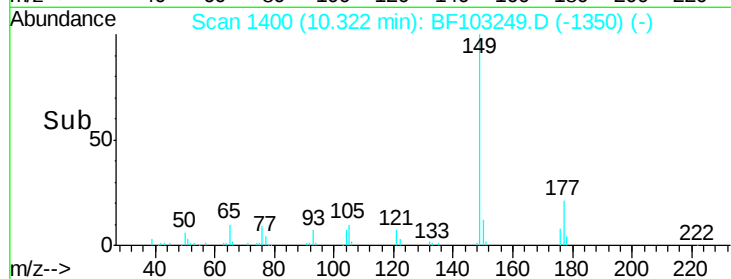
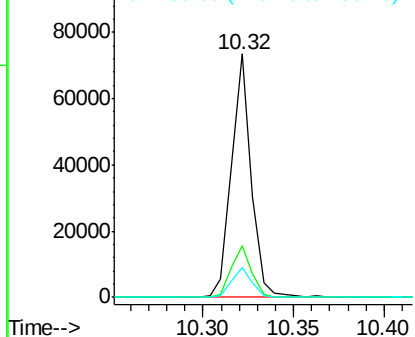
#59
Diethylphthalate
Concen: 2.94 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 55937
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.3 10.1 15.1

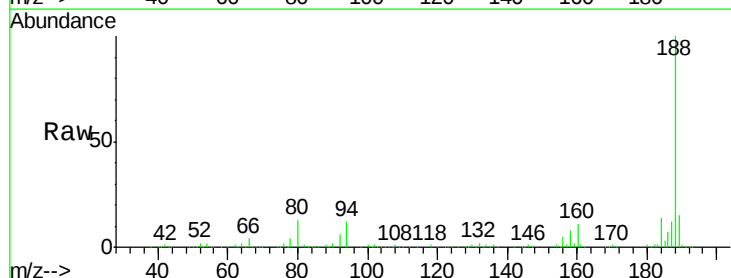


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

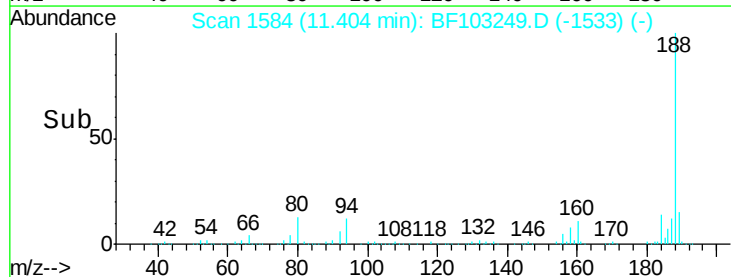
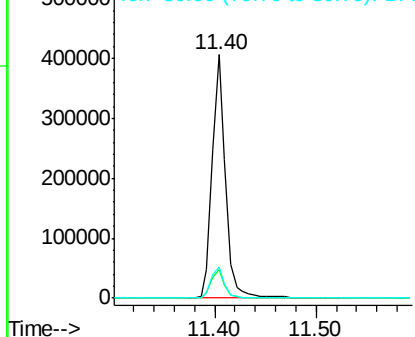


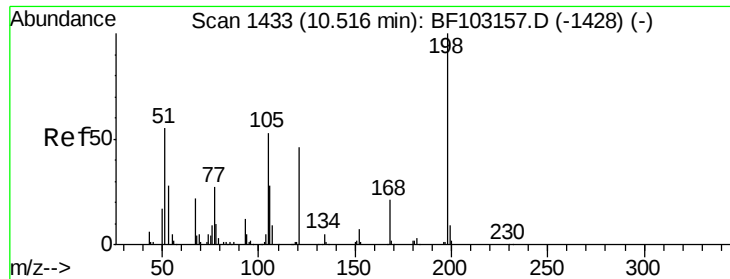
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Tgt Ion:188 Resp: 372750
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.9 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

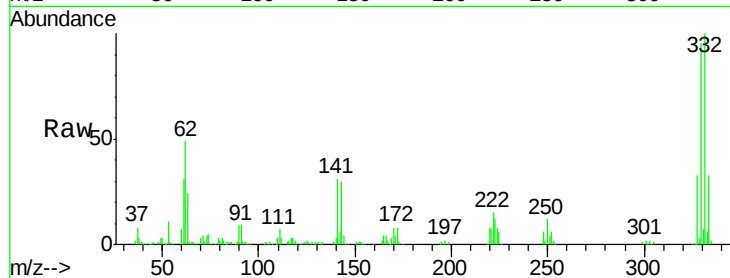




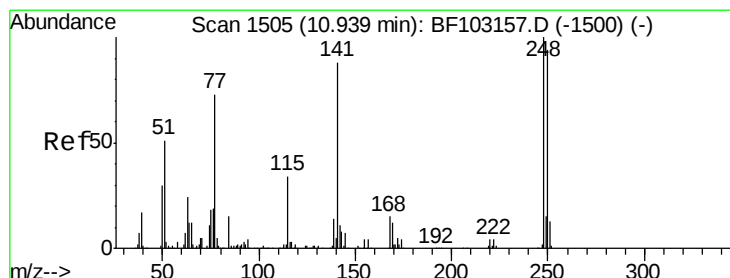
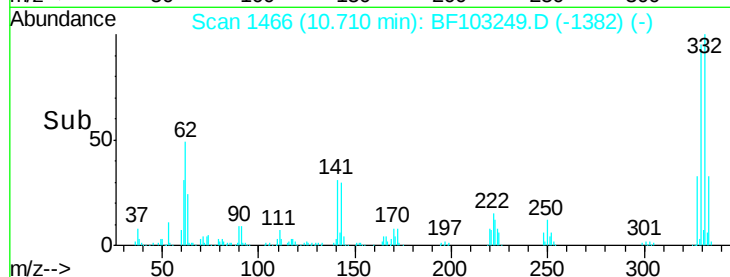
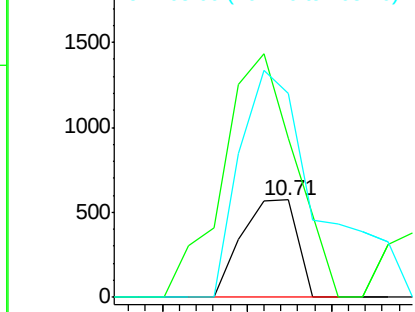
#64
4,6-Dinitro-2-methylphenol
Concen: 5.15 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 521
Ion Ratio Lower Upper
198 100
51 164.4 37.7 77.7#
105 210.3 36.3 76.3#

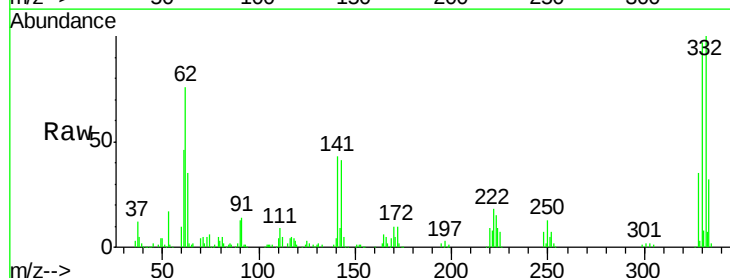


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

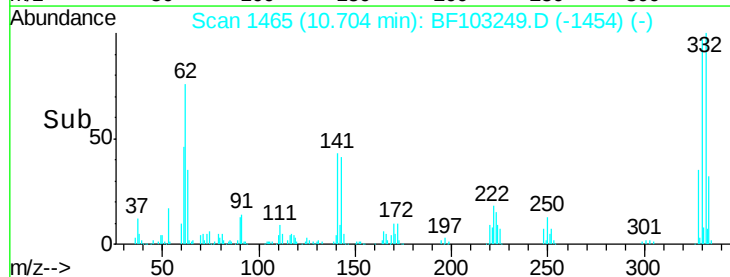
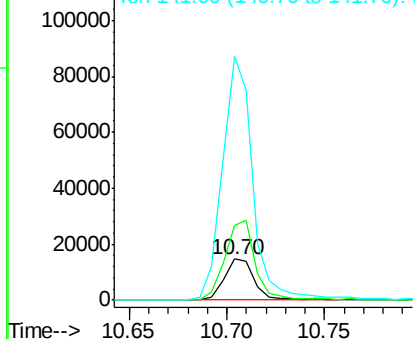


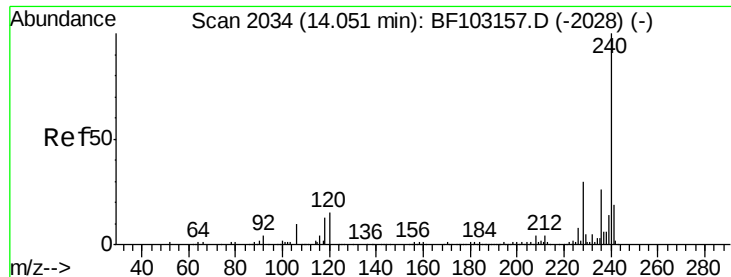
#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103249.D
Acq: 27 Feb 2018 6:49

Tgt Ion:248 Resp: 15787
Ion Ratio Lower Upper
248 100
250 181.6 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103249.D

Acq: 27 Feb 2018 6:49

Instrument :

BNA_F

ClientSampleId :

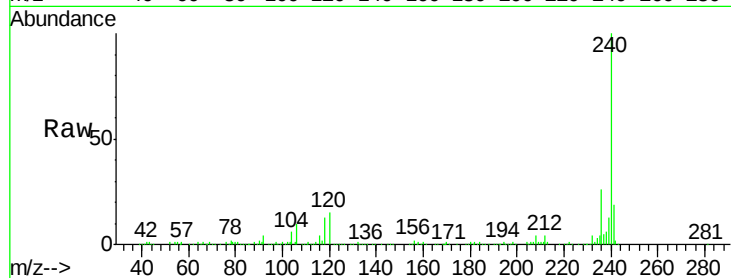
Tot Ion:240 Resp: 251328

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

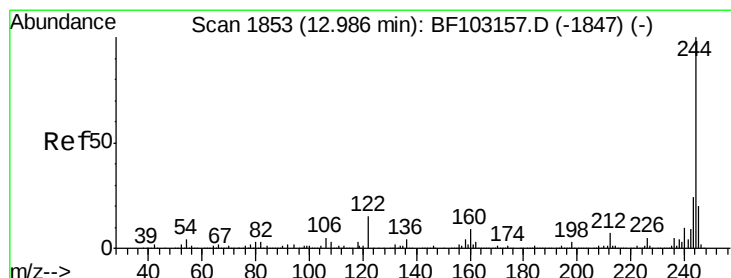
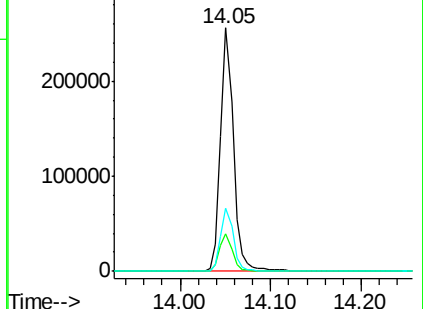
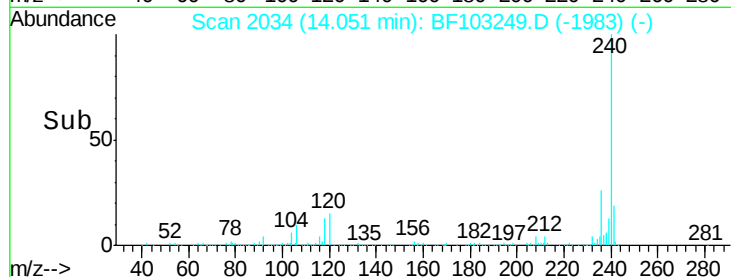
236 25.8 20.7 31.1



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: 109.23 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103249.D

Acq: 27 Feb 2018 6:49

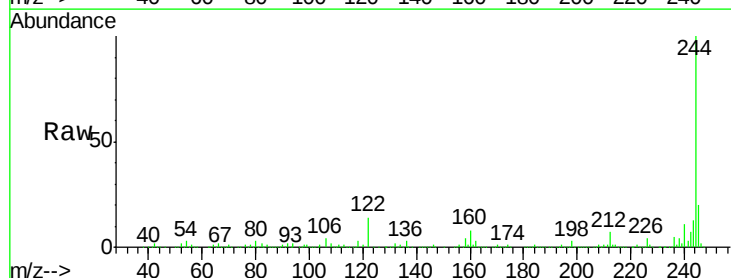
Tgt Ion:244 Resp: 1142017

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

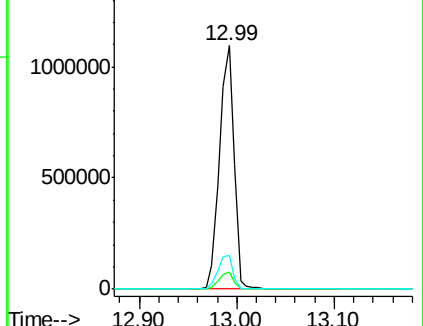
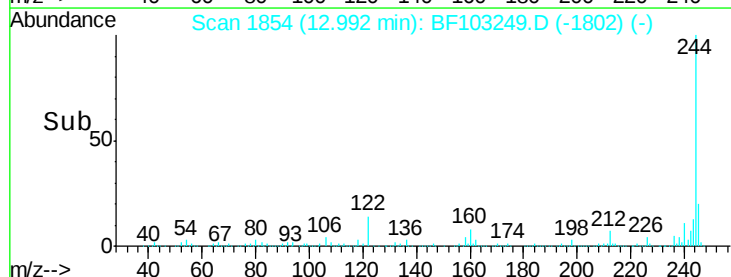
122 13.7 11.0 16.4

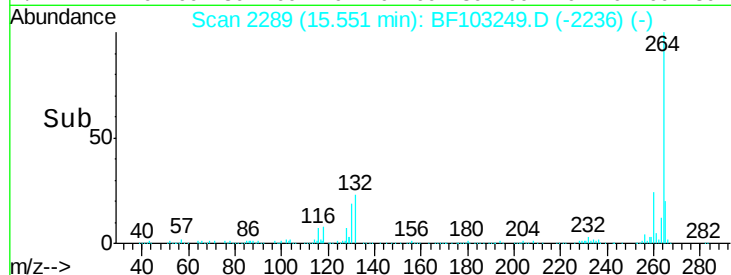
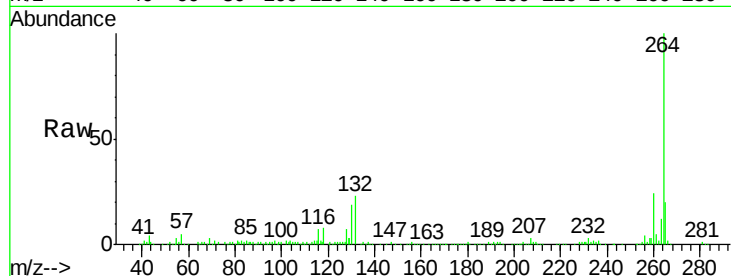
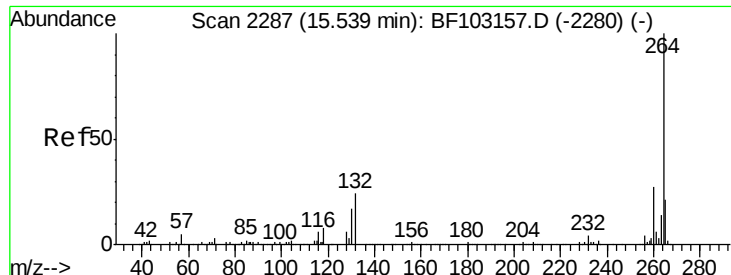


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103249.D
 Acq: 27 Feb 2018 6:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	177175
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.2 28.8
265	20.2	17.5 26.3

