

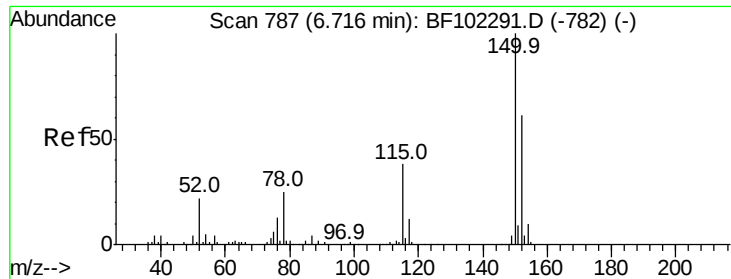
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102624.D
 Acq On : 30 Jan 2018 3:48
 Operator : SJ/JU
 Sample : J1253-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 04:50:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	156378	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	647774	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	294752	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	438546	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279229	20.00	ng	0.00
86) Perylene-d12	15.30	264	290604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1345632	130.47	ng	0.01
7) Phenol-d6	6.36	99	1512486	121.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	952646	84.51	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	261643	89.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1516732	75.66	ng	0.00
78) Terphenyl-d14	12.82	244	953897	77.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	24985	2.893	ng	87
19) n-Nitroso-di-n-propylamine	7.28	70	122335	16.077	ng	# 80
25) Isophorone	7.28	82	952641	47.406	ng	# 64
49) Dimethylphthalate	9.47	163	154273	6.332	ng	99
56) 2,4-Dinitrotoluene	9.75	165	36990	5.727	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	17853	3.782	ng	# 1

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

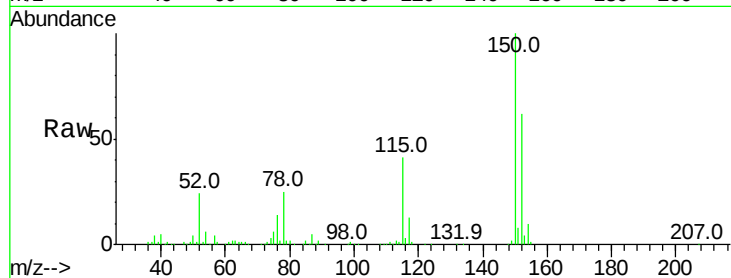


#1

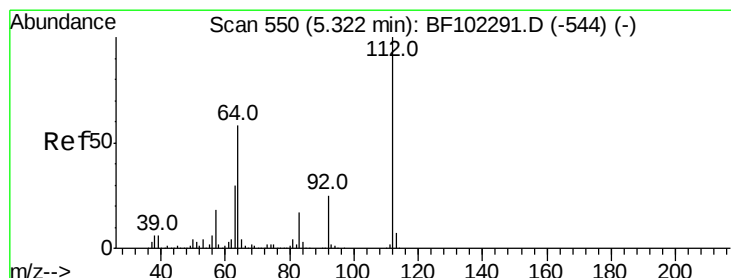
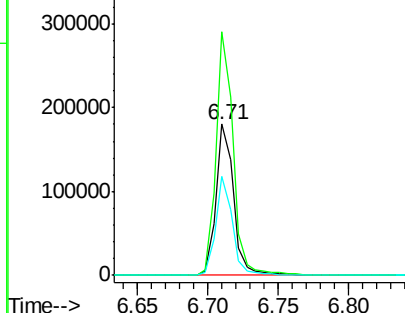
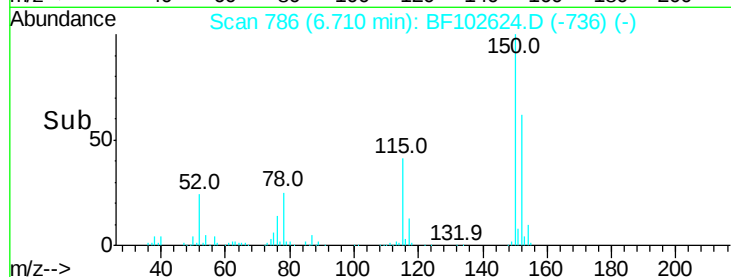
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156378
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 65.8 50.1 75.1



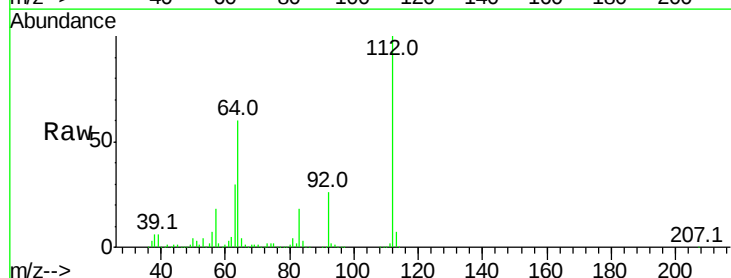
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



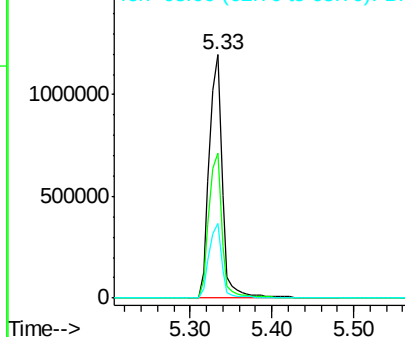
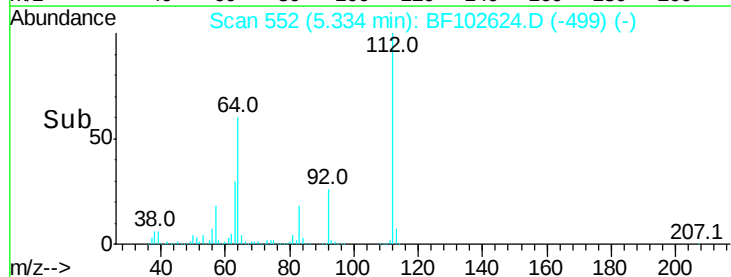
#5

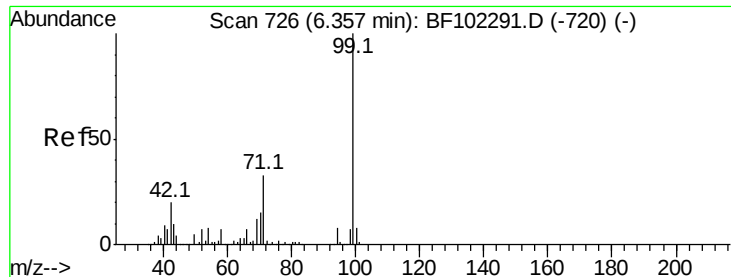
2-Fluorophenol
Concen: 130.474 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

Tgt Ion:112 Resp: 1345632
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.5 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: 121.644 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102624.D

Acq: 30 Jan 2018 3:48

Instrument :

BNA_F

ClientSampleId :

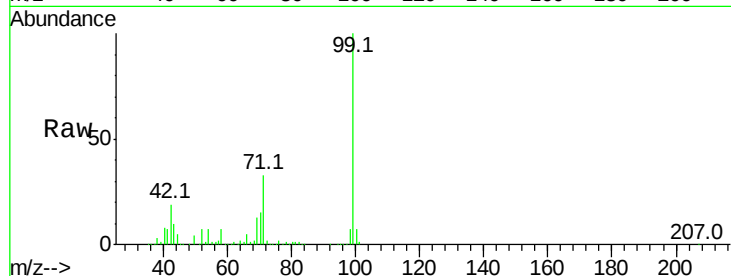
Tot Ion: 99 Resp: 1512486

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

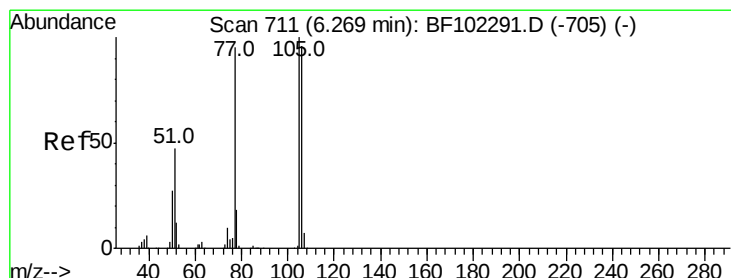
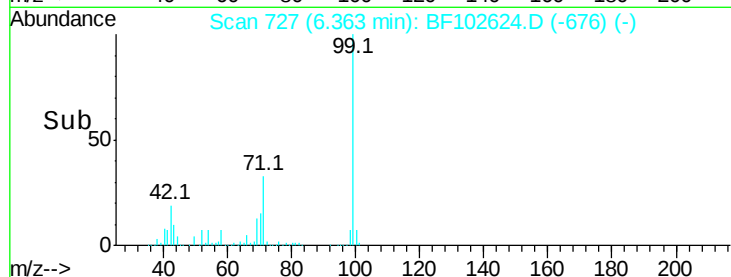
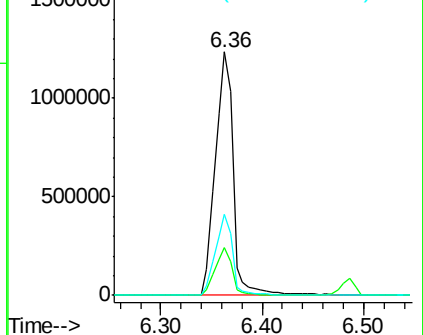
71 33.1 25.4 38.0



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: 2.893 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102624.D

Acq: 30 Jan 2018 3:48

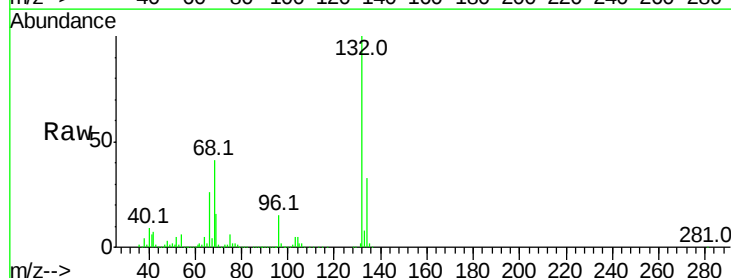
Tgt Ion: 77 Resp: 24985

Ion Ratio Lower Upper

77 100

105 88.0 81.1 121.1

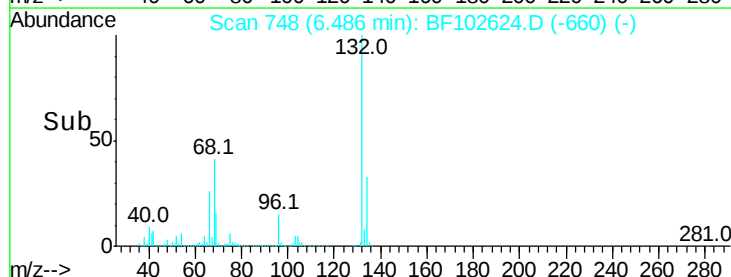
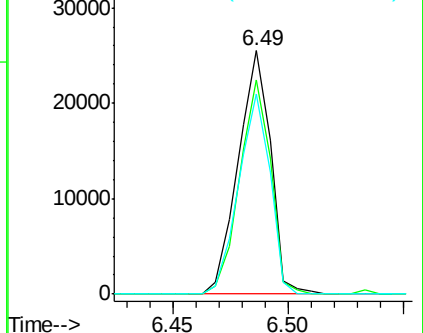
106 82.1 74.5 114.5

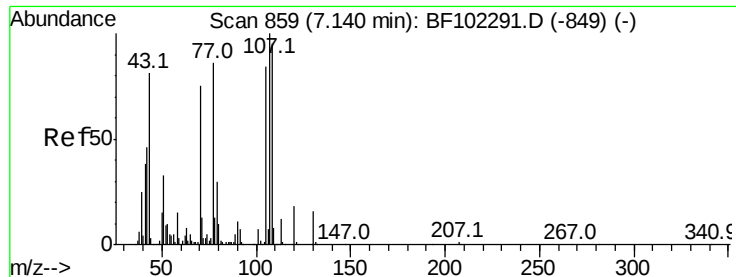


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

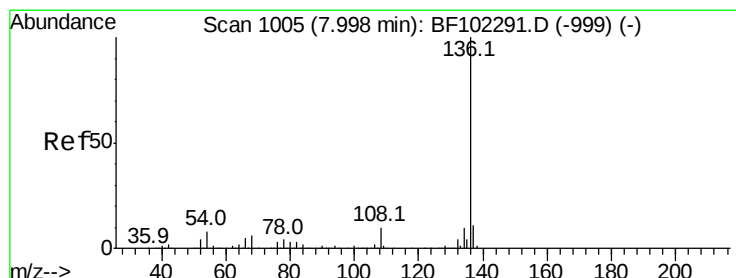
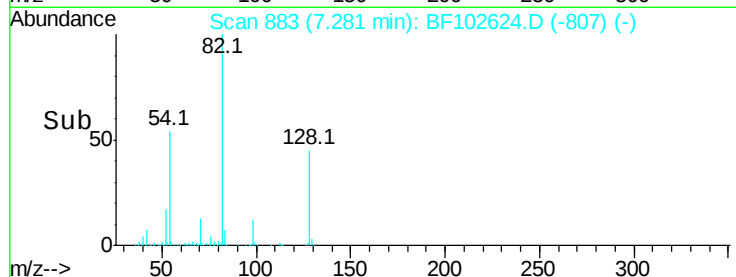
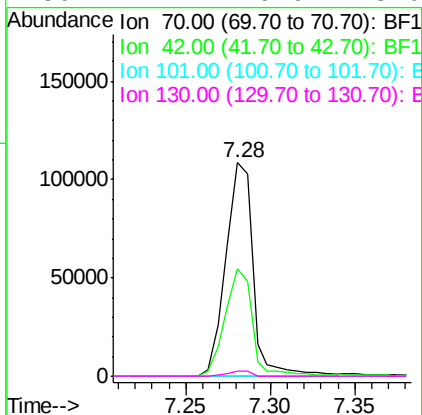
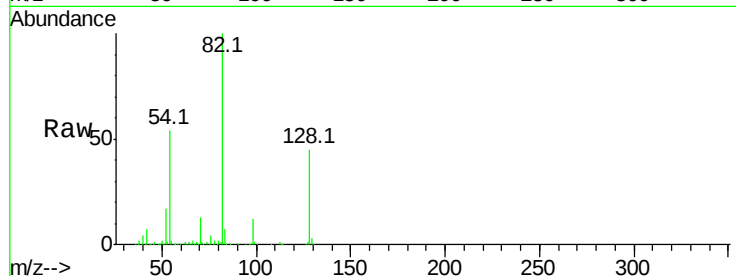




#19
n-Nitroso-di-n-propylamine
Concen: 16.077 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

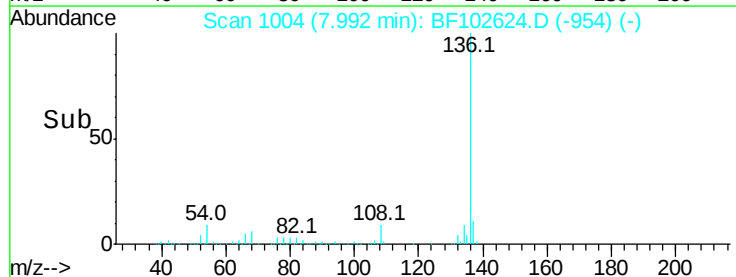
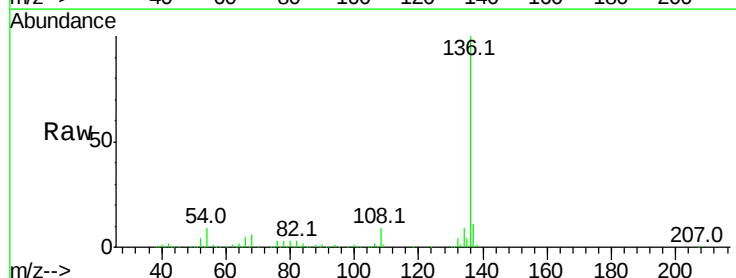
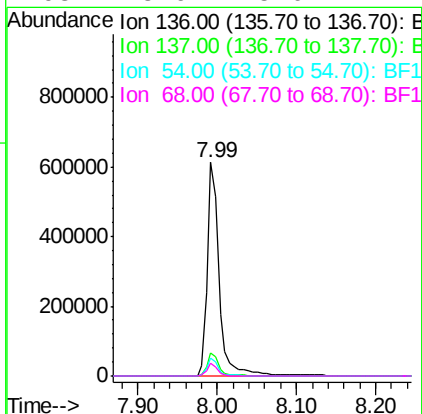
Instrument :
BNA_F
ClientSampleId :

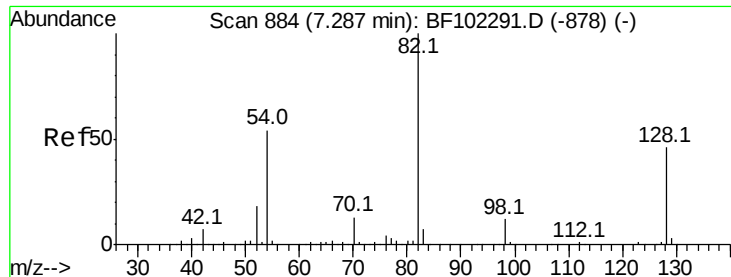
Tot Ion: 70 Resp: 122335
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

Tgt Ion:136 Resp: 647774
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.6 6.6 9.8
68 5.9 5.0 7.4

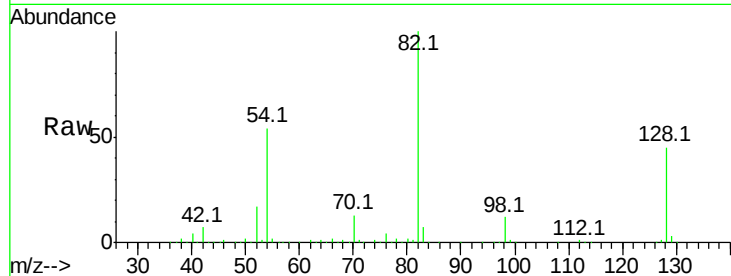




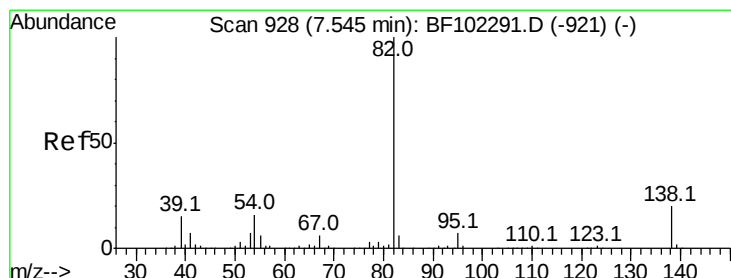
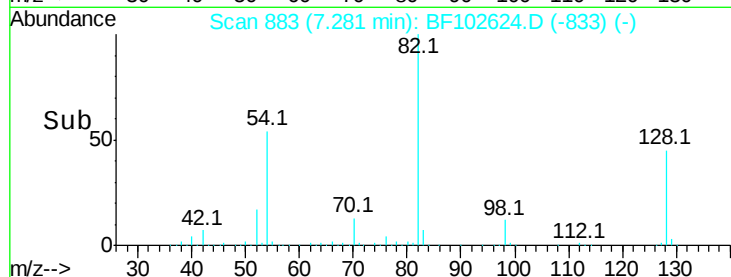
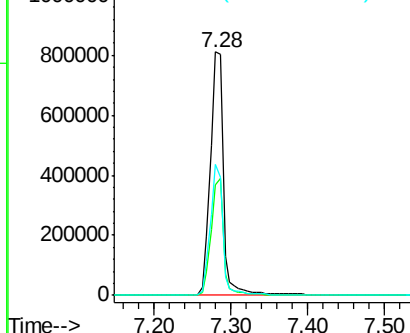
#23
 Nitrobenzene-d5
 Concen: 84.513 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 952646
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 53.8 41.4 62.2

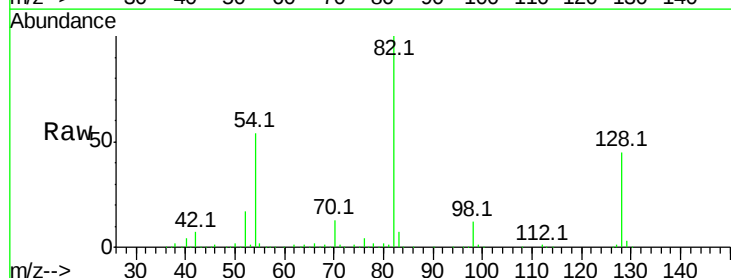


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

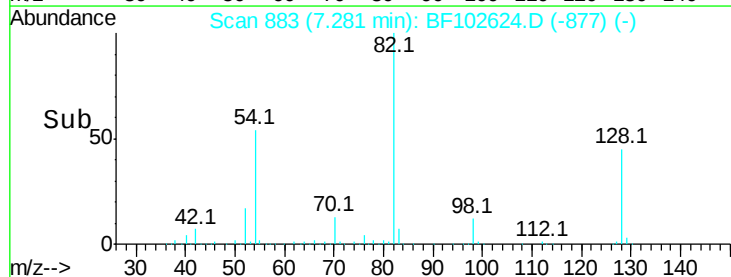
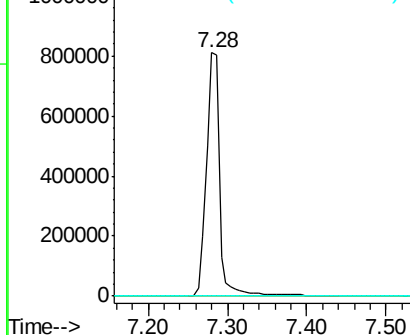


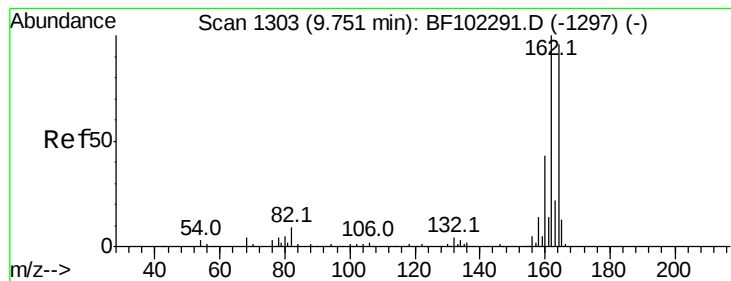
#25
 Isophorone
 Concen: 47.406 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Tgt Ion: 82 Resp: 952641
 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# 1302

Delta R.T. -0.01 min

Lab File: BF102624.D

Acq: 30 Jan 2018 3:48

Instrument :

BNA_F

ClientSampleId :

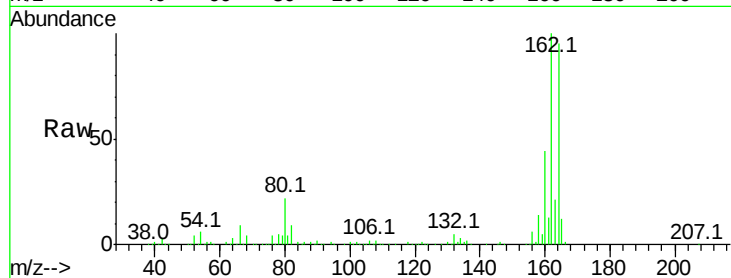
Tot Ion:164 Resp: 294752

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

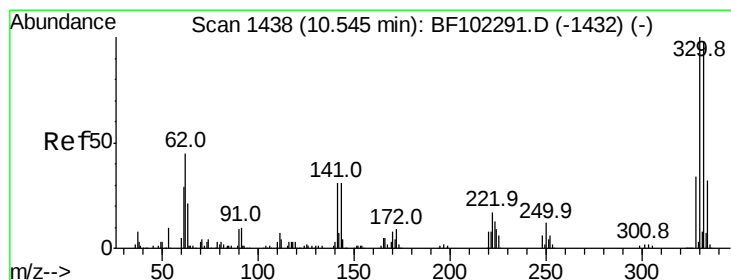
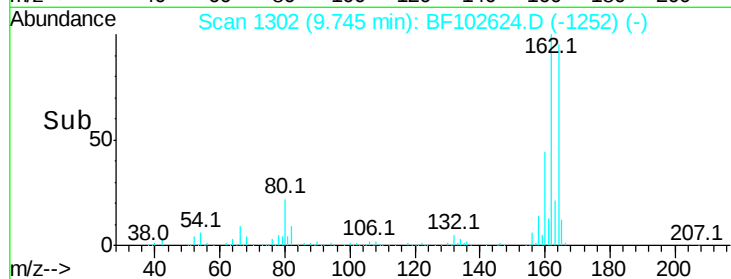
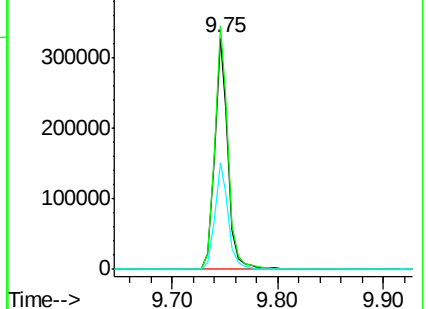
160 45.9 38.3 57.5



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: 89.586 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102624.D

Acq: 30 Jan 2018 3:48

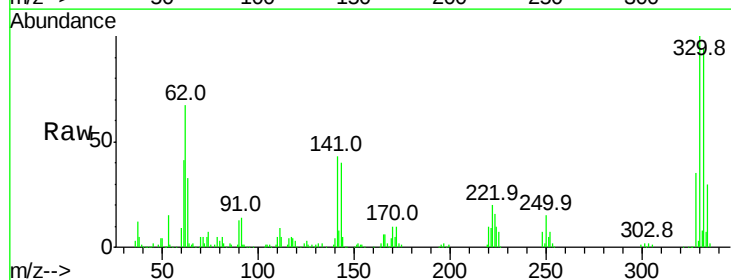
Tgt Ion:330 Resp: 261643

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

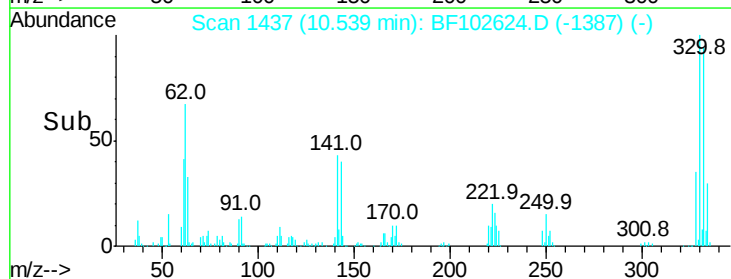
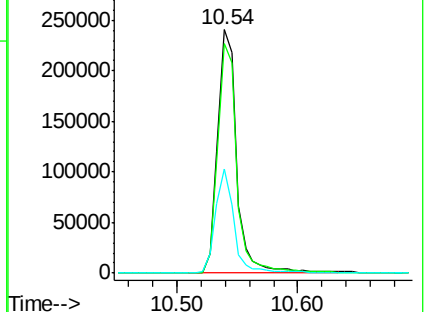
141 41.3 29.9 44.9

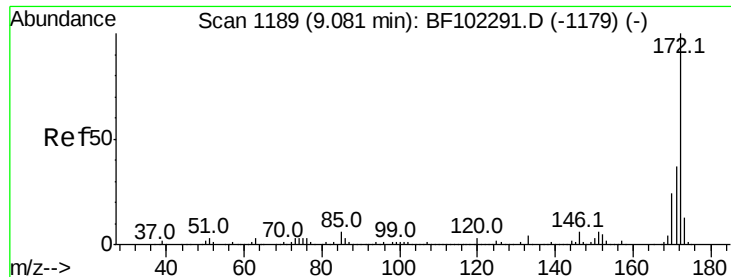


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



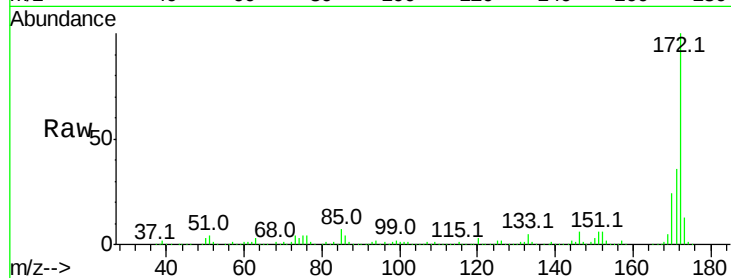


#44
 2-Fluorobiphenyl
 Concen: 75.661 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

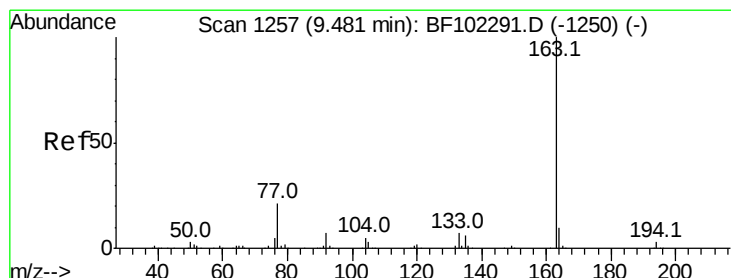
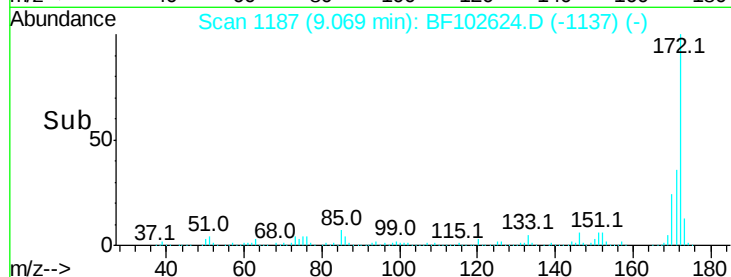
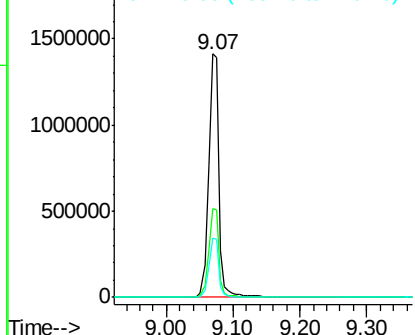
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1516732

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



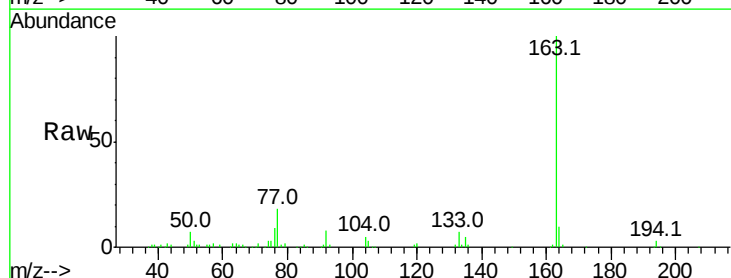
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



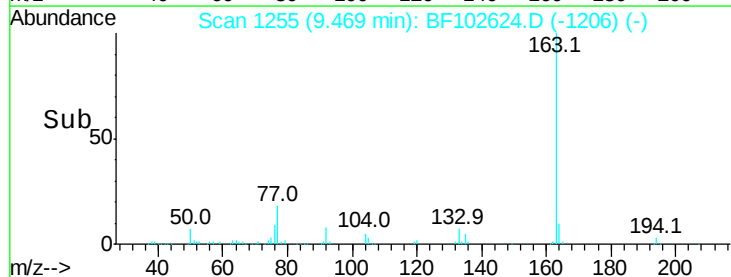
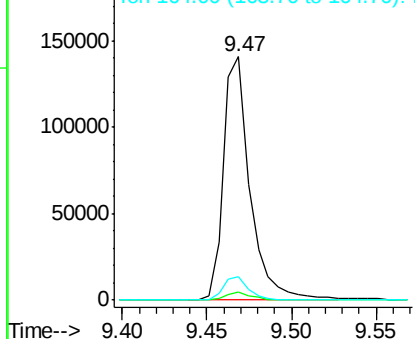
#49
 Dimethylphthalate
 Concen: 6.332 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

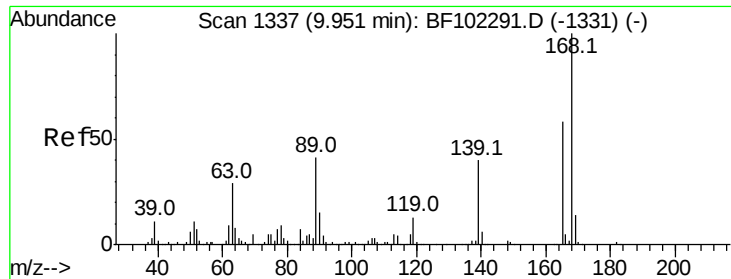
Tgt Ion:163 Resp: 154273

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	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

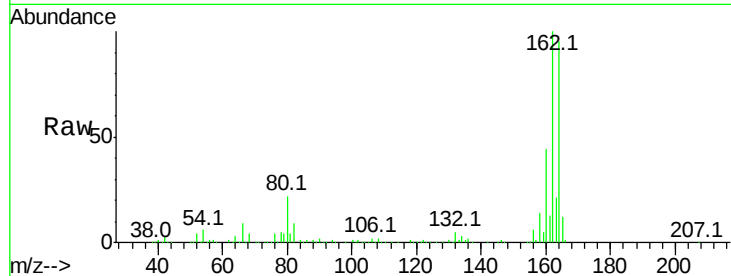




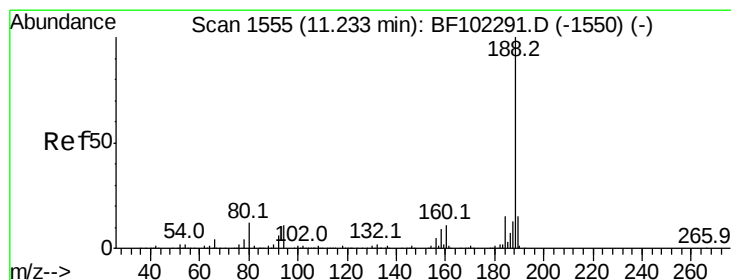
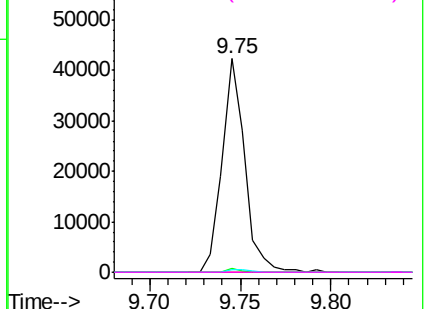
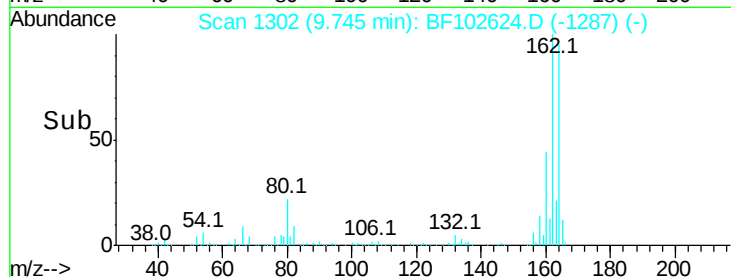
#56
 2,4-Dinitrotoluene
 Concen: 5.727 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 36990
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

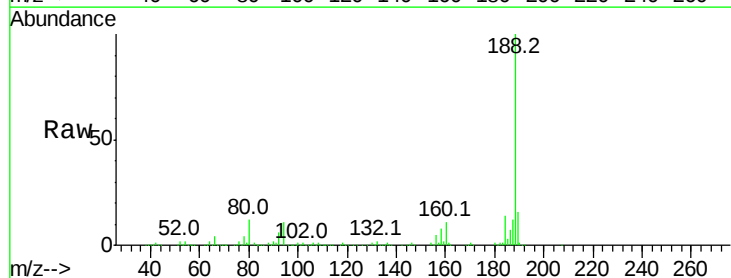


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

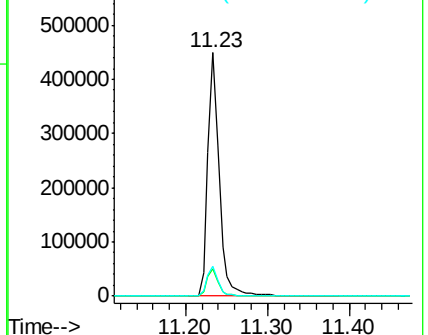
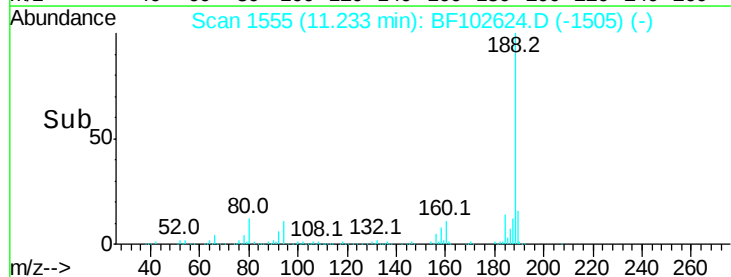


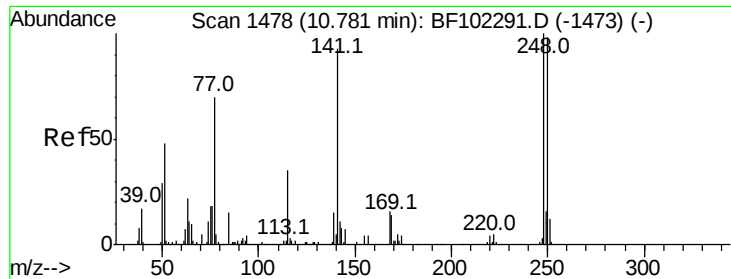
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Tgt Ion:188 Resp: 438546
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.2 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

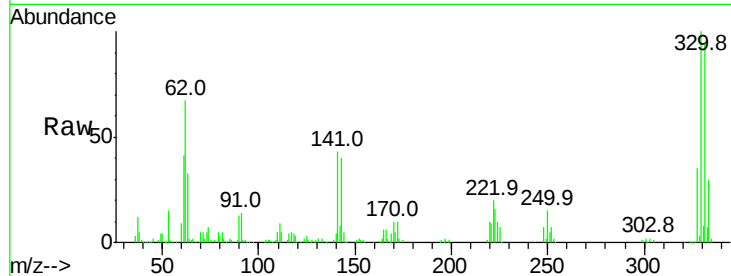




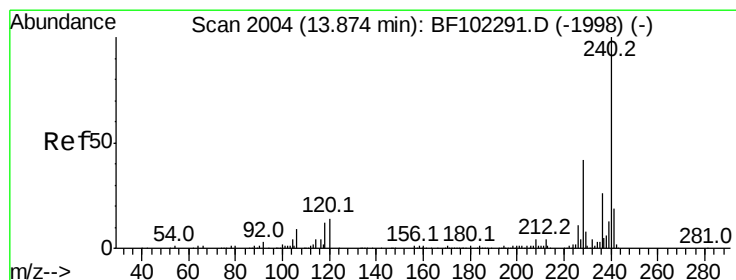
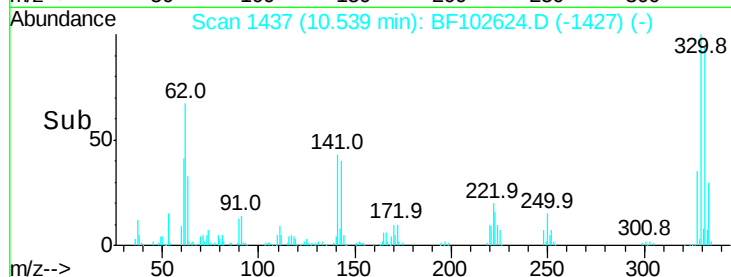
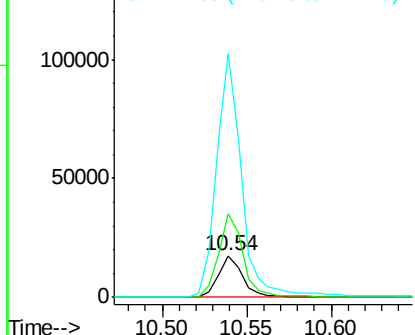
#66
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17853
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 584.9 74.4 111.6#

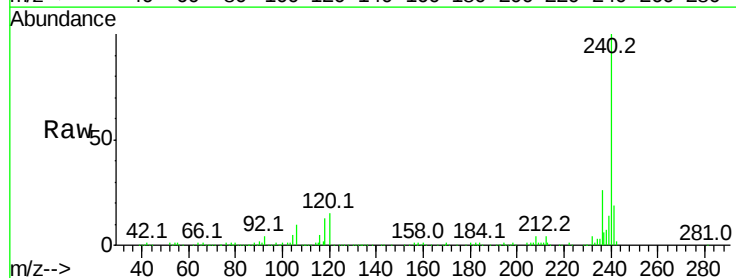


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

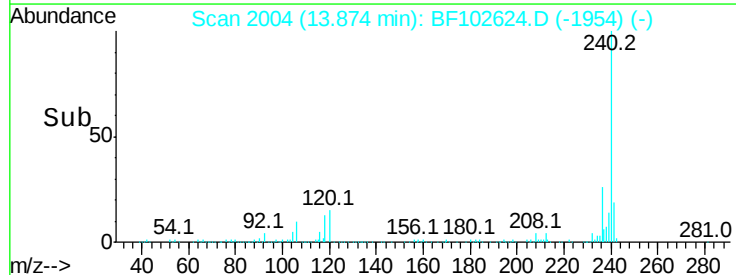
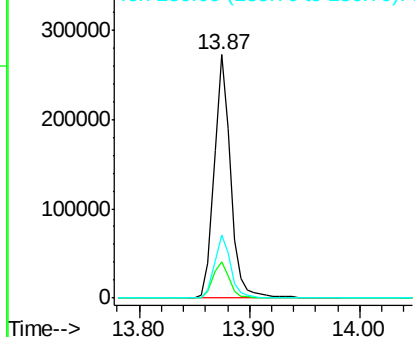


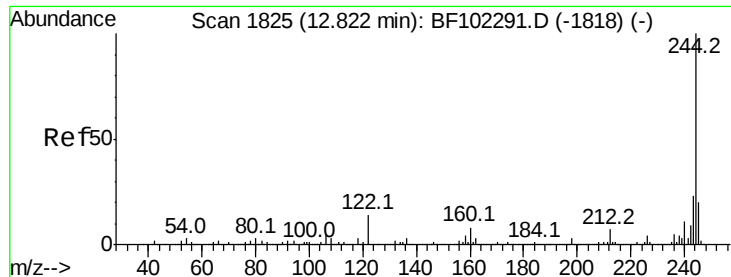
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102624.D
Acq: 30 Jan 2018 3:48

Tgt Ion:240 Resp: 279229
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.9 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

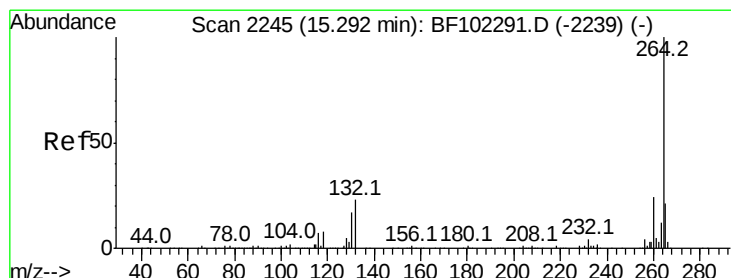
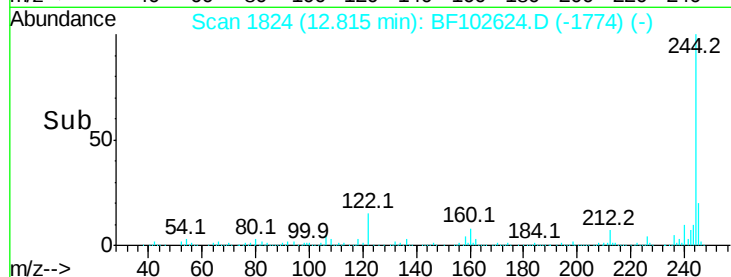
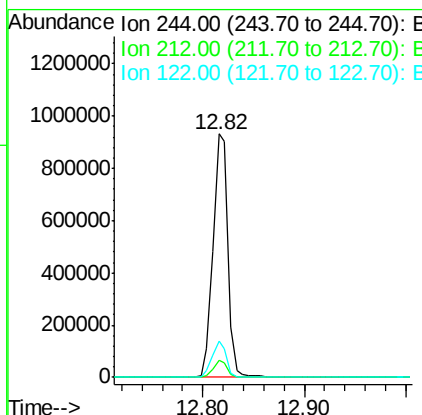
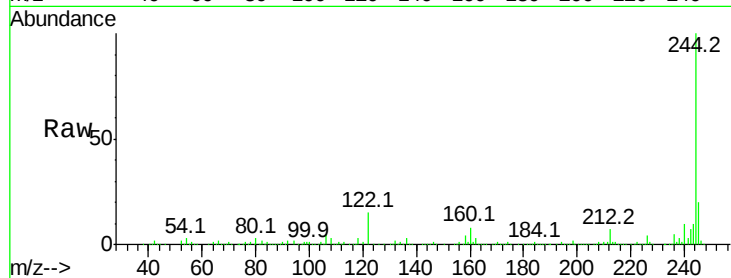




#78
 Terphenyl-d14
 Concen: 77.013 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 953897
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102624.D
 Acq: 30 Jan 2018 3:48

Tgt Ion:264 Resp: 290604
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.3 17.5 26.3

