

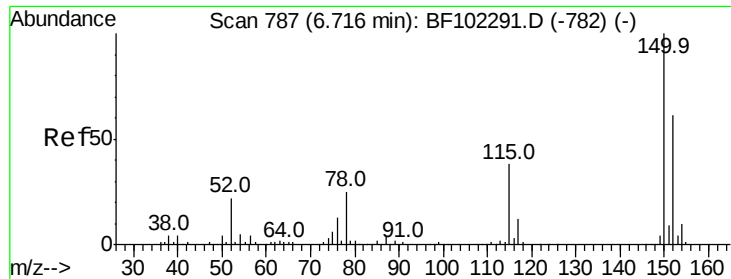
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102634.D
 Acq On : 30 Jan 2018 12:54
 Operator : SJ/JU
 Sample : PB103136BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:15:31 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	142325	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	588550	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269414	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	483462	20.00	ng	0.00
75) Chrysene-d12	13.87	240	415679	20.00	ng	0.00
86) Perylene-d12	15.30	264	334850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1025188	109.22	ng	0.01
7) Phenol-d6	6.36	99	1224830	108.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	759388	74.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	262437	98.31	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1389295	75.82	ng	0.00
78) Terphenyl-d14	12.82	244	1307839	70.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	21287	2.716	ng	82
19) n-Nitroso-di-n-propylamine	7.28	70	100320	14.486	ng	# 80
25) Isophorone	7.28	82	759378	41.591	ng	# 64
49) Dimethylphthalate	9.75	163	66244	2.975	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	33728	7.025	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	33728	5.713	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	17089	3.284	ng	# 1

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

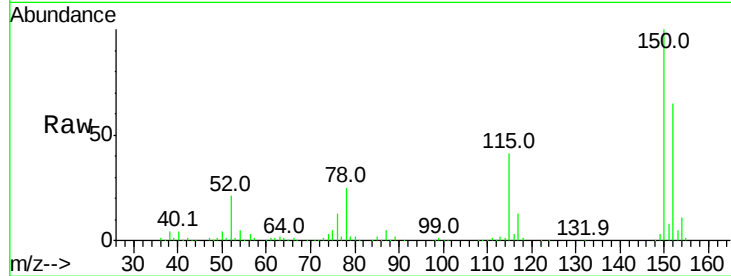


#1

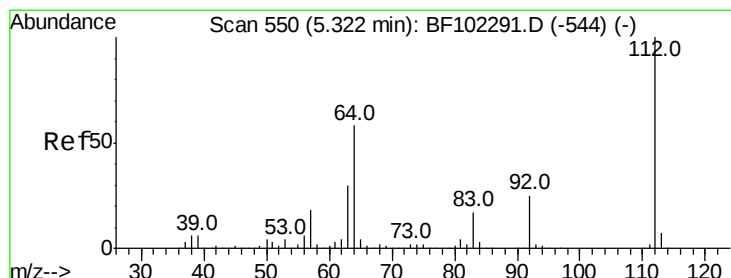
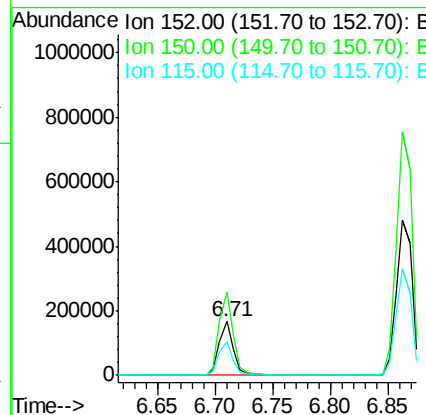
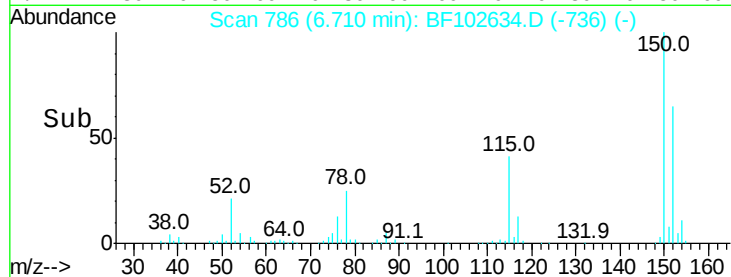
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142325
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 62.4 50.1 75.1



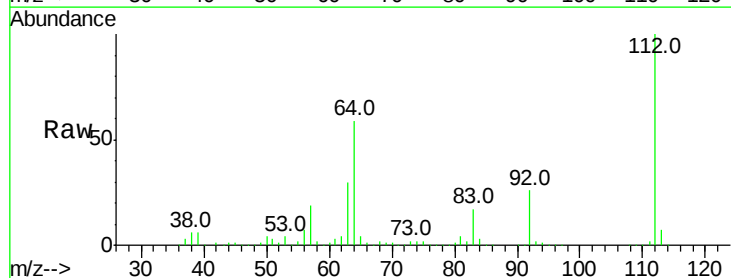
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



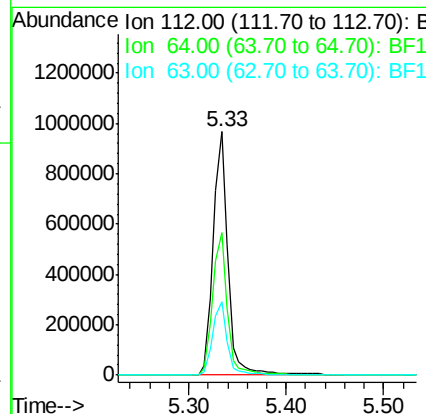
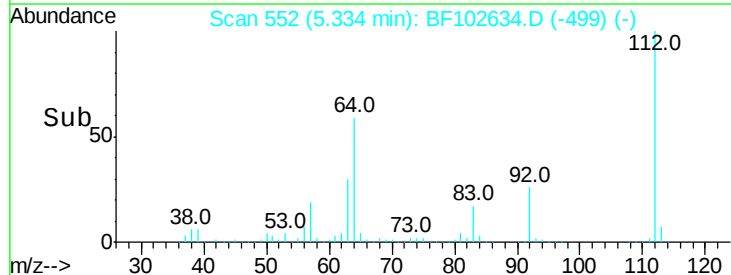
#5

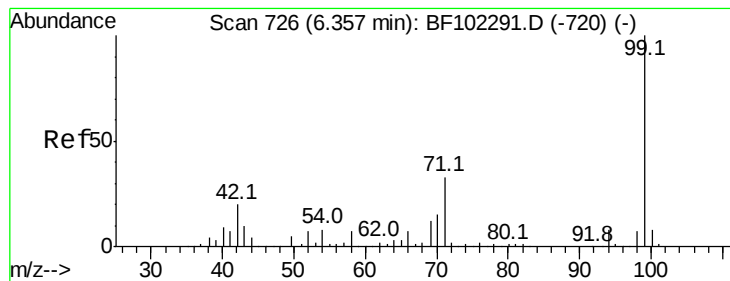
2-Fluorophenol
Concen: 109.218 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Tgt Ion:112 Resp: 1025188
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 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: 108.235 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampled :

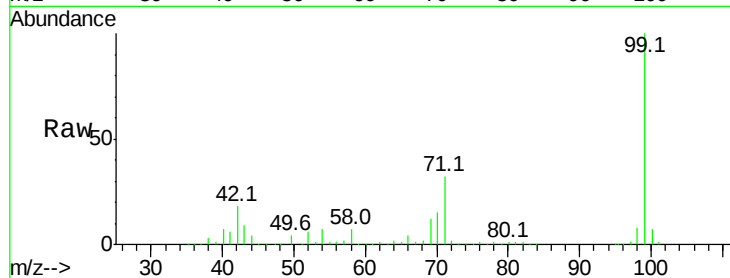
Tot Ion: 99 Resp: 1224830

Ion Ratio Lower Upper

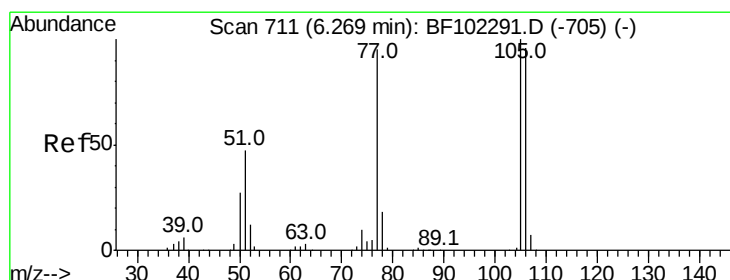
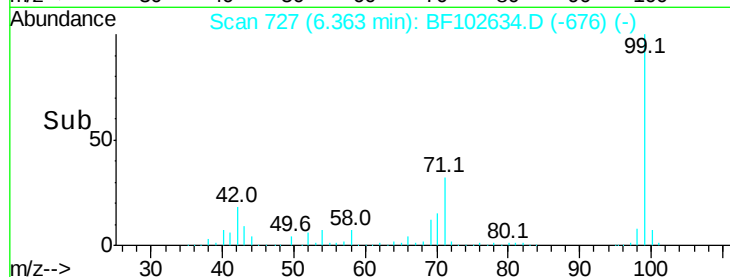
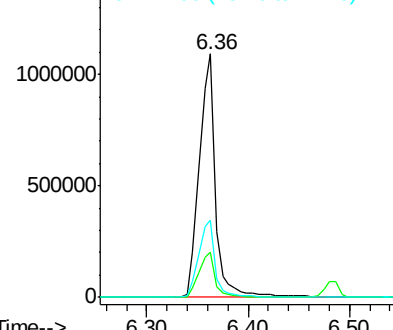
99 100

42 18.4 14.5 21.7

71 31.9 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: 2.716 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

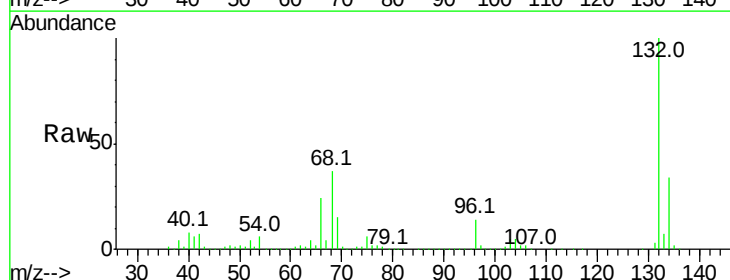
Tgt Ion: 77 Resp: 21287

Ion Ratio Lower Upper

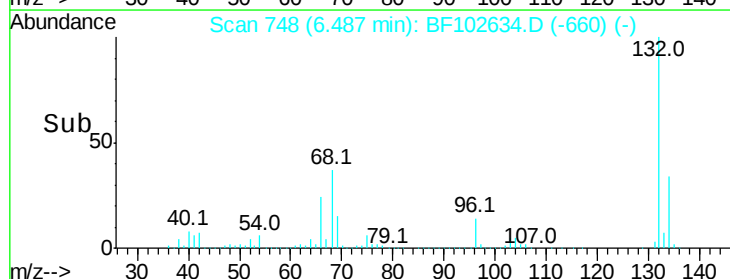
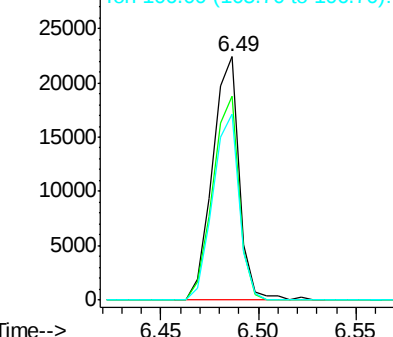
77 100

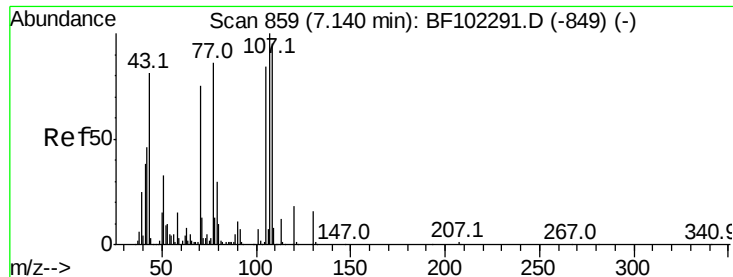
105 83.8 81.1 121.1

106 76.6 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: 14.486 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102634.D

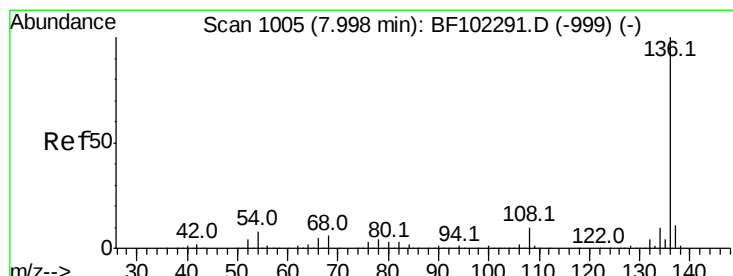
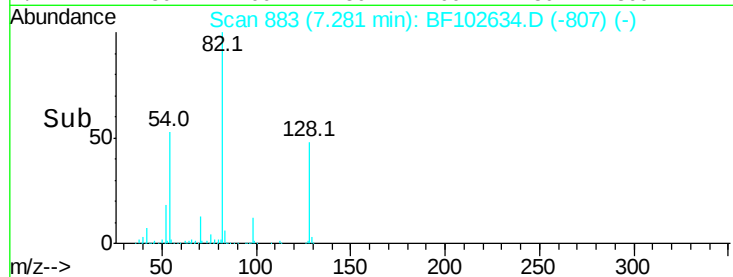
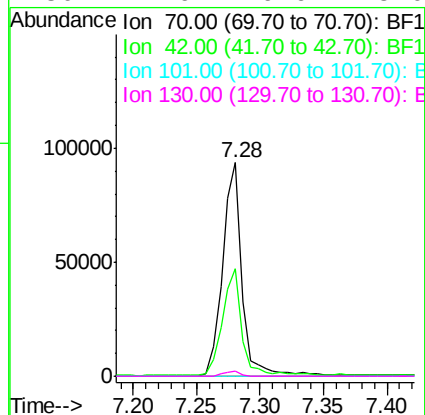
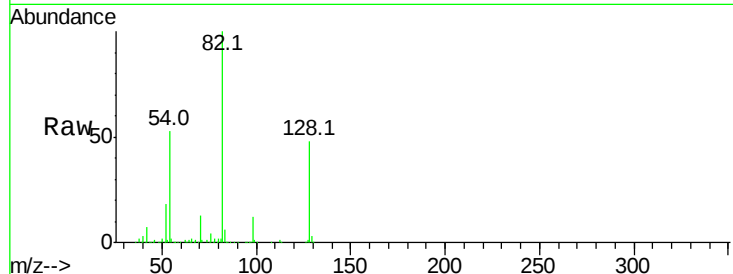
Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	100320
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

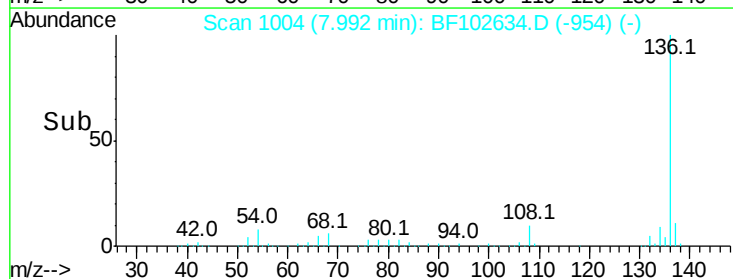
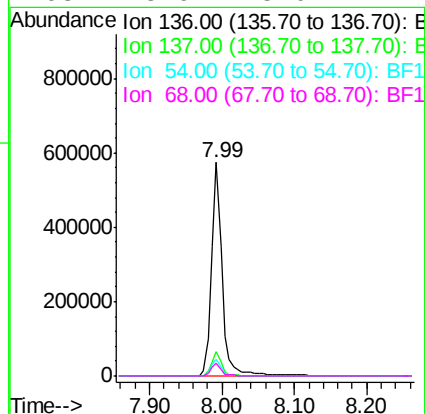
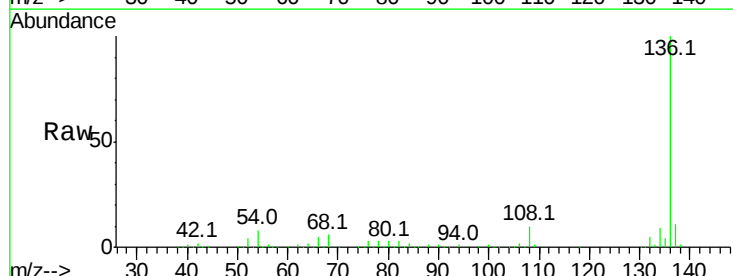
RT: 7.99 min Scan# 1004

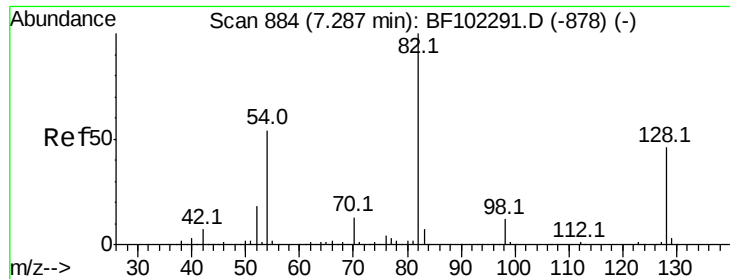
Delta R.T. -0.01 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Tgt Ion:	136	Resp:	588550
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.9	5.0	7.4

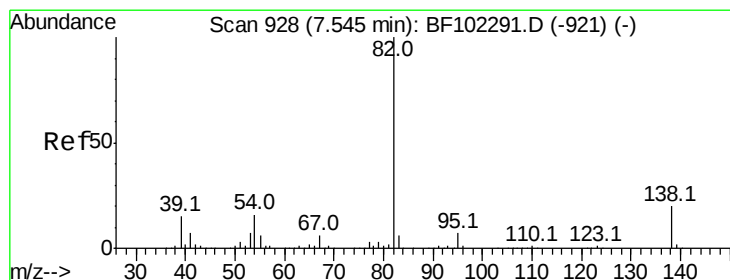
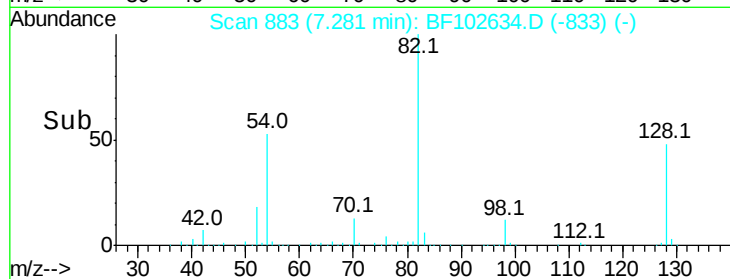
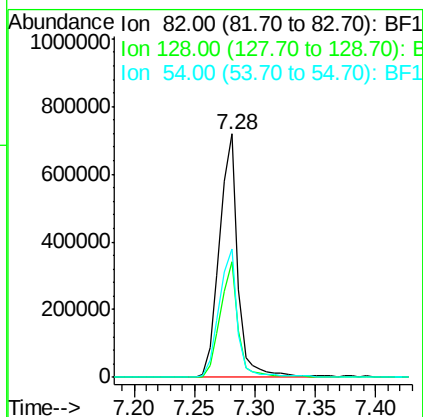
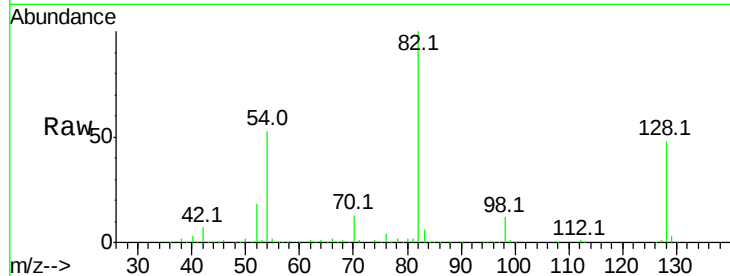




#23
 Nitrobenzene-d5
 Concen: 74.148 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

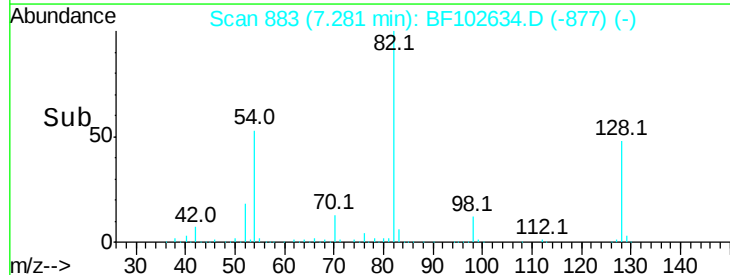
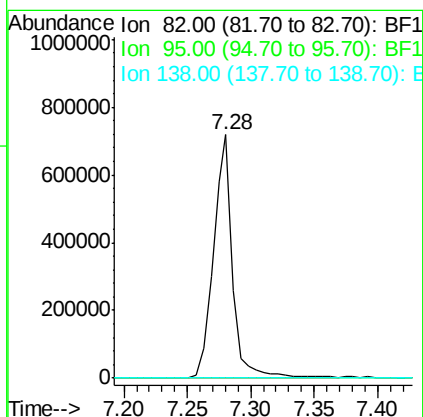
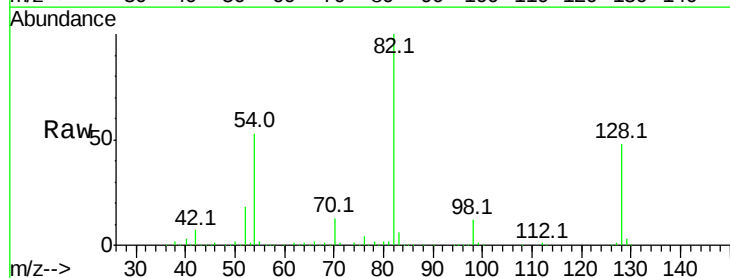
Instrument :
 BNA_F
 ClientSampleID :

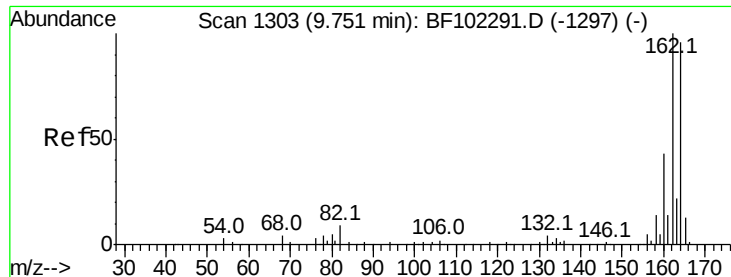
Tot Ion	82	Resp	759388
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	52.9	41.4	62.2



#25
 Isophorone
 Concen: 41.591 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Tgt Ion	82	Resp	759378
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

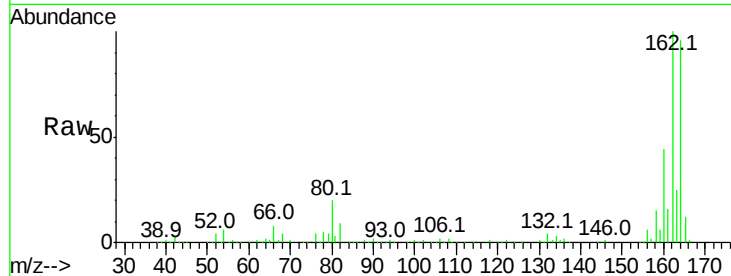




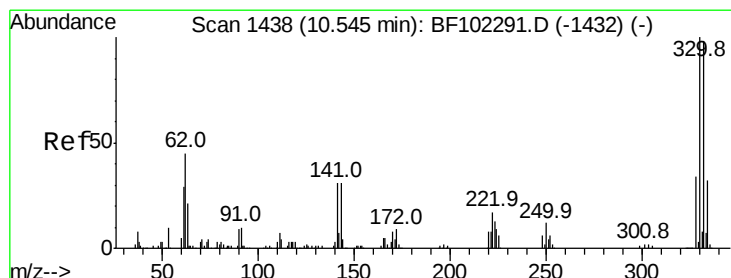
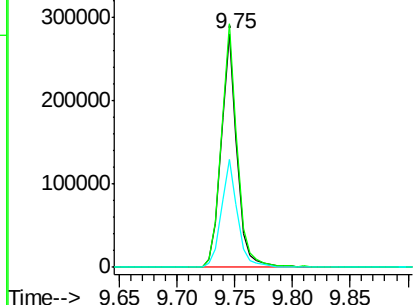
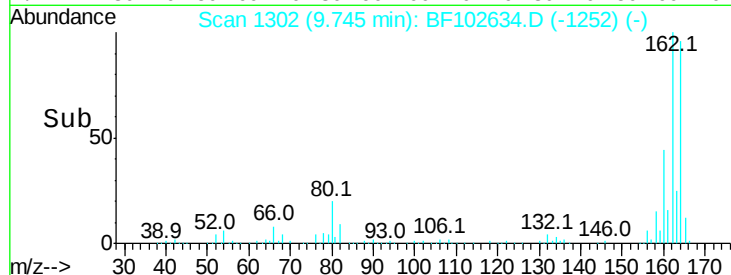
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 269414
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.0 38.3 57.5

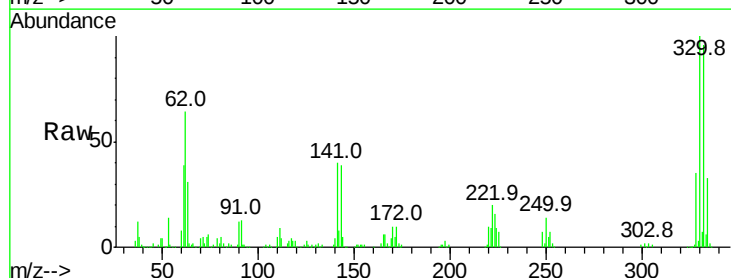


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

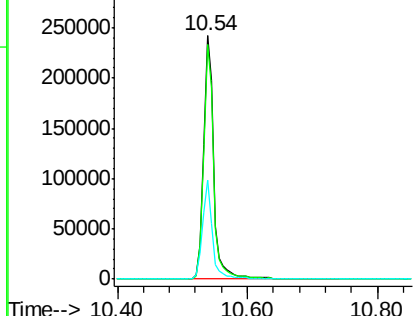
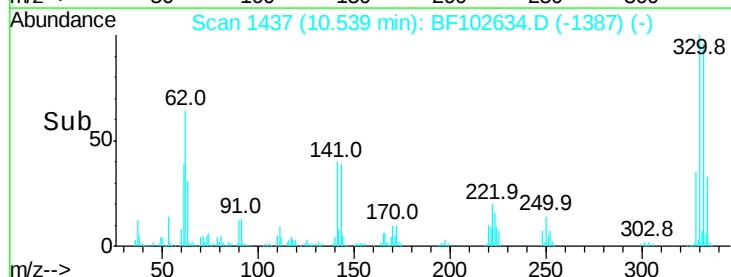


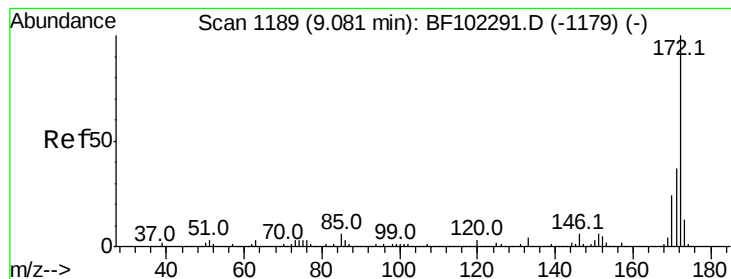
#41
 2,4,6-Tribromophenol
 Concen: 98.309 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Tgt Ion:330 Resp: 262437
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.4 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: 75.822 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

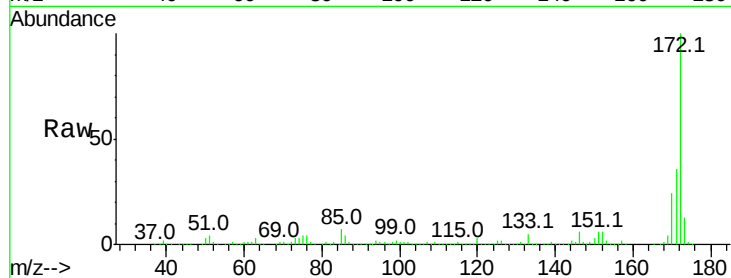
Tot Ion:172 Resp: 1389295

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

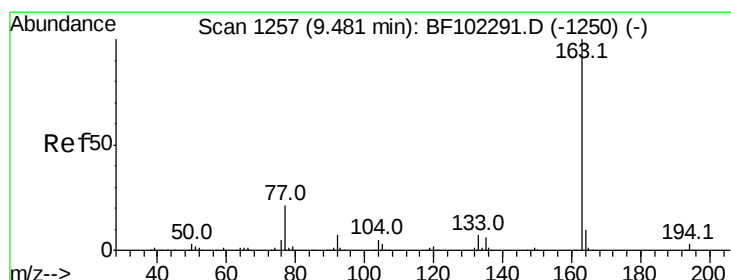
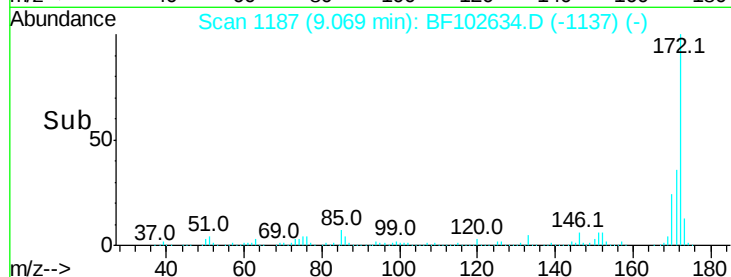
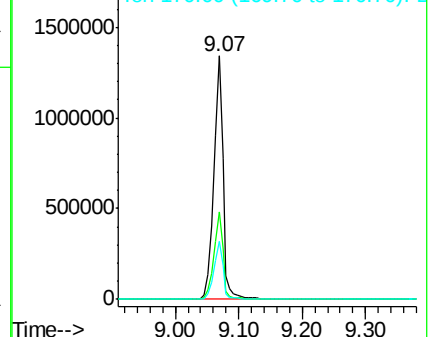
170 24.0 19.6 29.4



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: 2.975 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.26 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

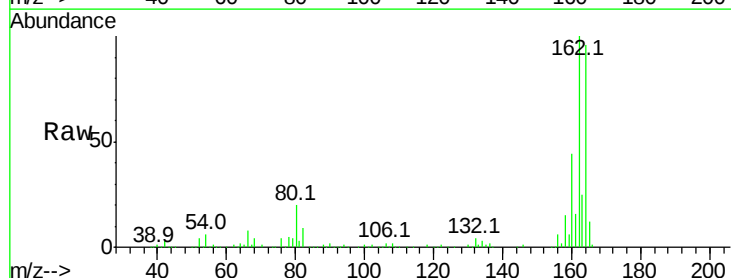
Tgt Ion:163 Resp: 66244

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

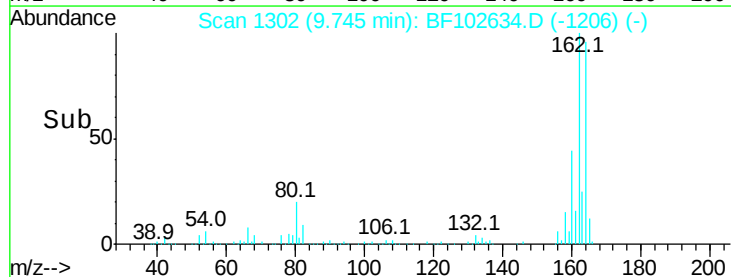
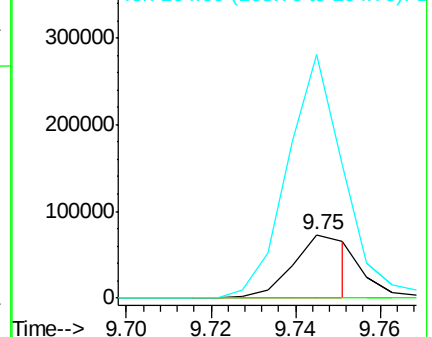
164 382.9 8.2 12.2#

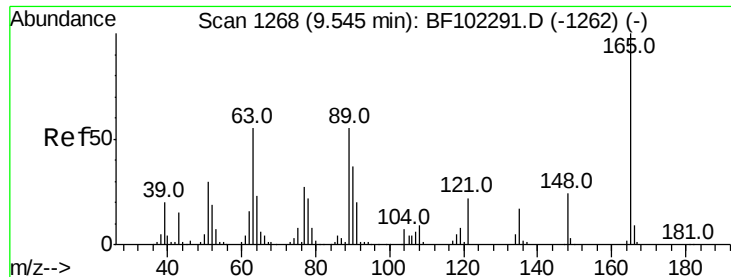


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

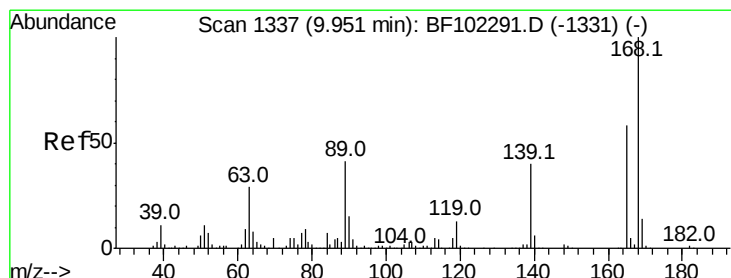
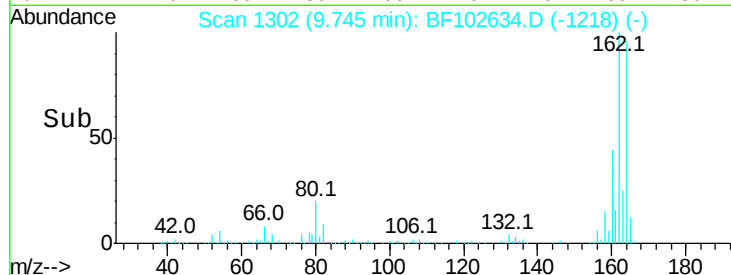
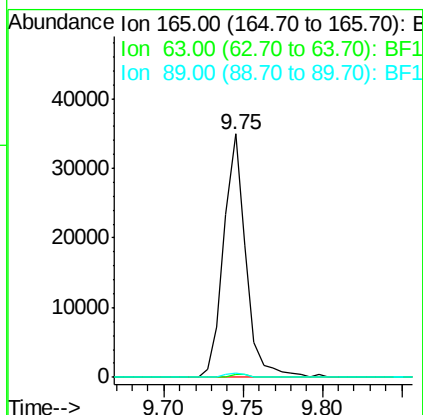
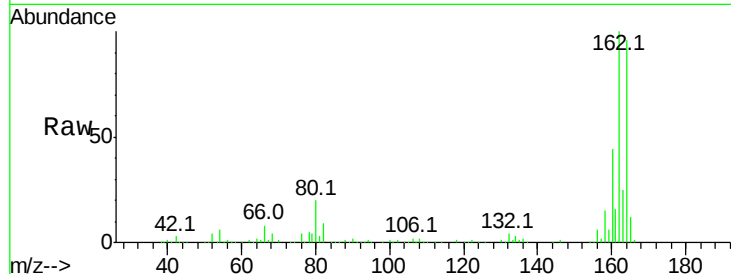




#50
 2,6-Dinitrotoluene
 Concen: 7.025 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

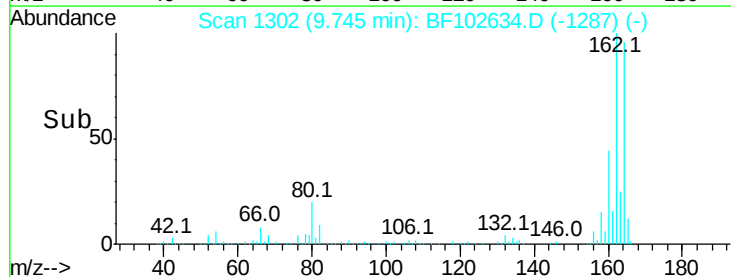
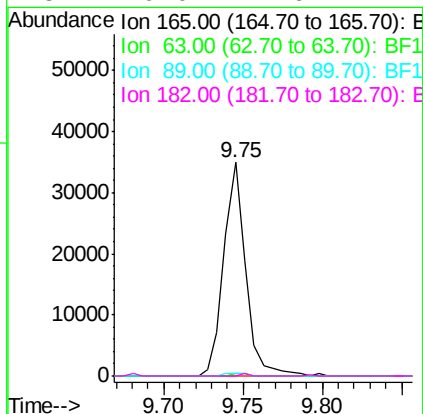
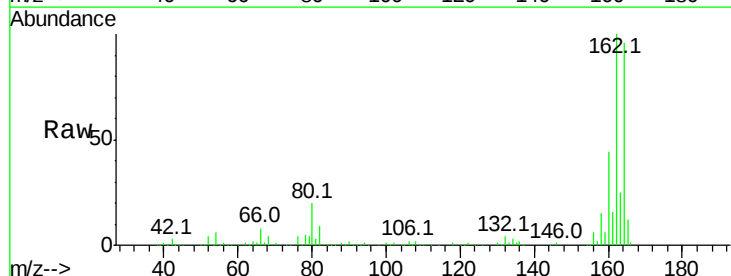
Instrument :
 BNA_F
 ClientSampleId :

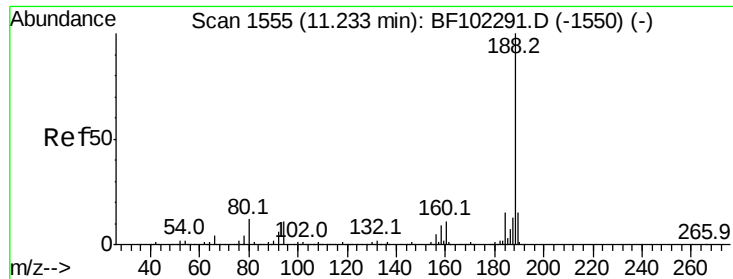
Tot Ion:165 Resp: 33728
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.5 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.713 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Tgt Ion:165 Resp: 33728
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

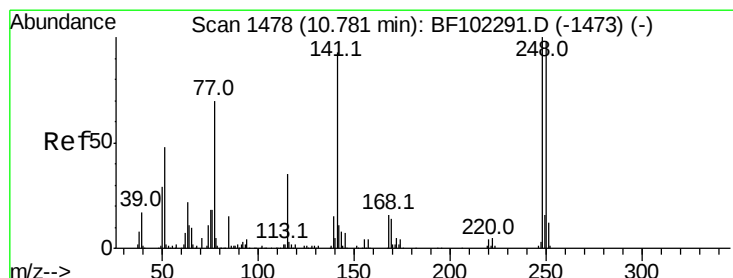
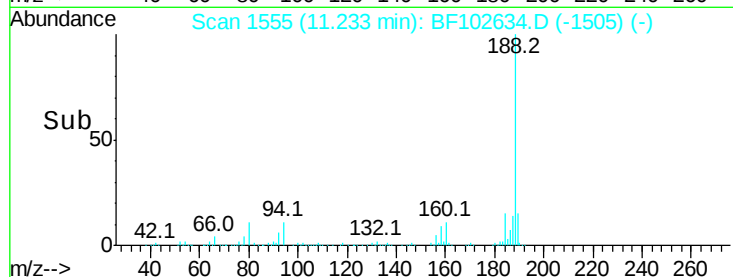
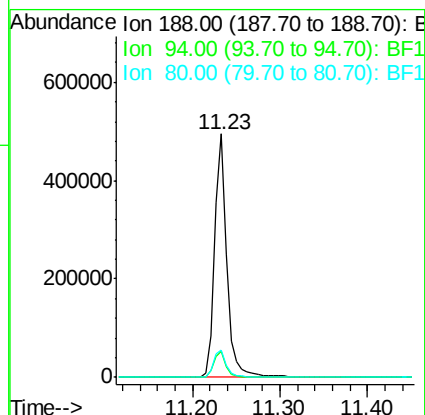
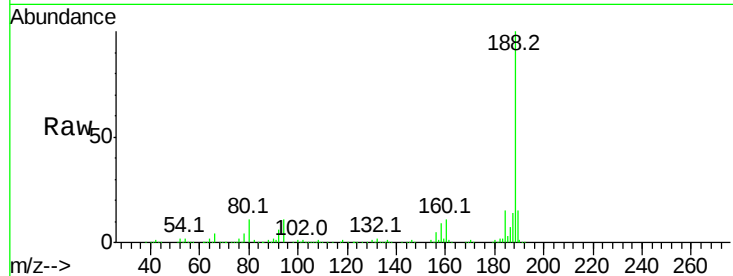




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

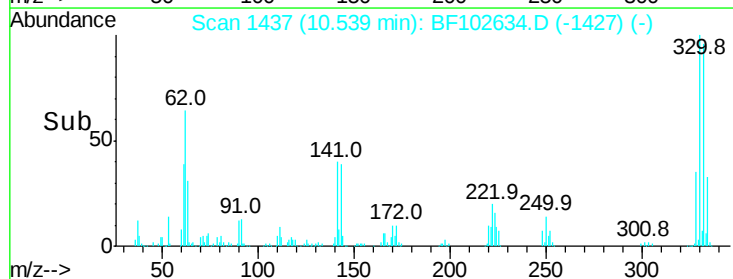
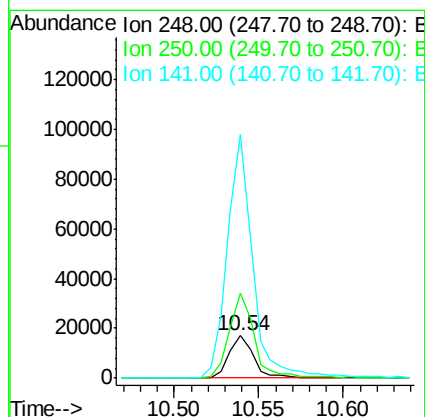
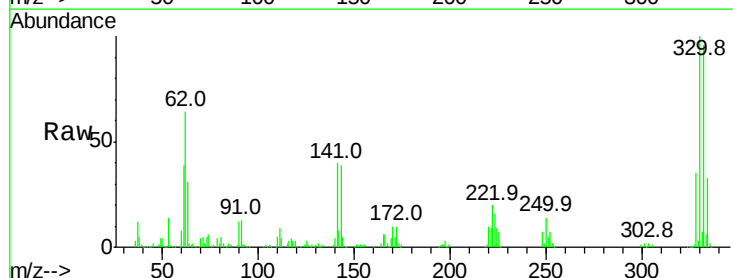
Instrument :
BNA_F
ClientSampleId :

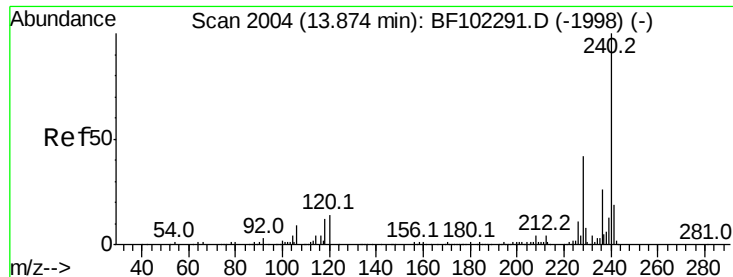
Tot Ion:188 Resp: 483462
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.284 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Tgt Ion:248 Resp: 17089
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 578.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampled :

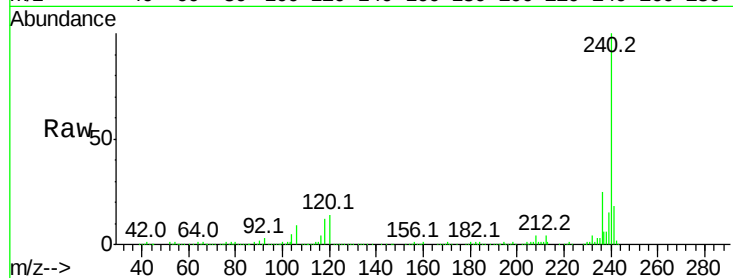
Tot Ion:240 Resp: 415679

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

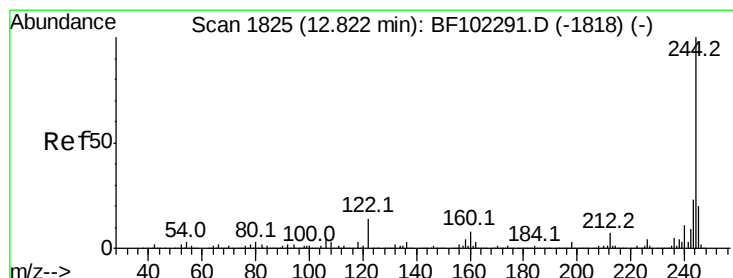
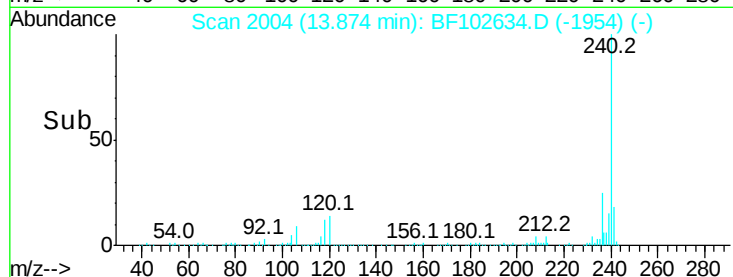
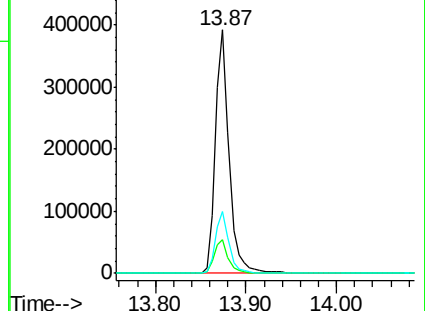
236 25.2 20.7 31.1



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: 70.928 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

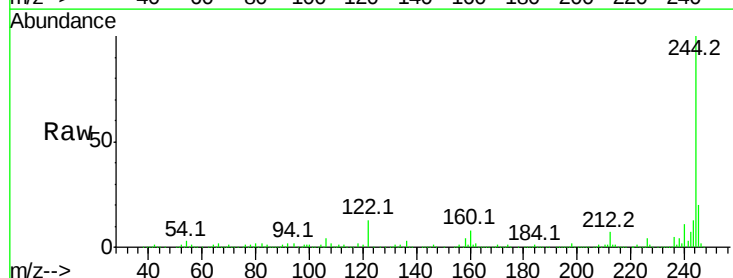
Tgt Ion:244 Resp: 1307839

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

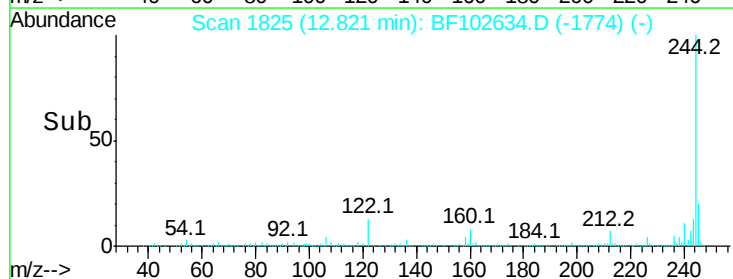
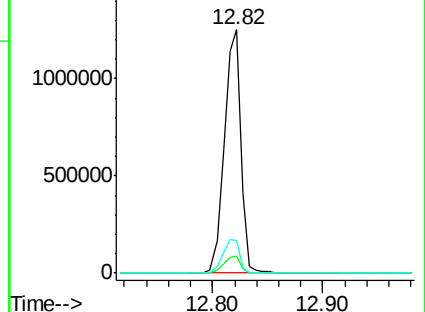
122 13.3 11.0 16.4

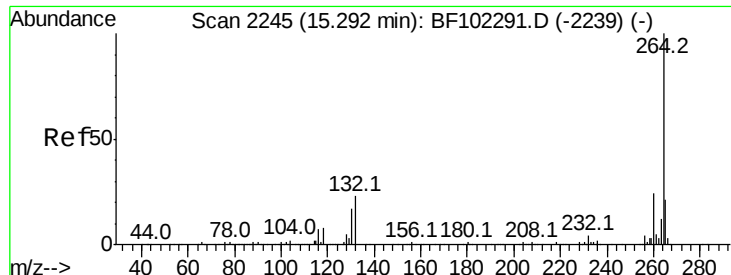


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

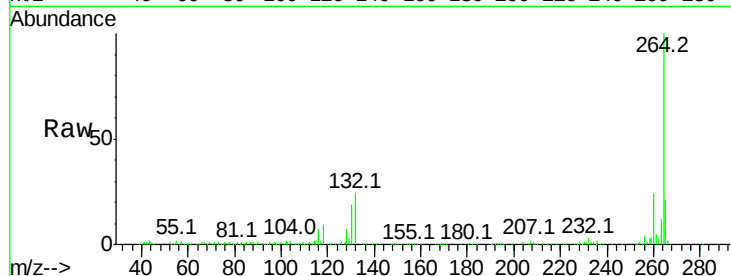




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	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

