

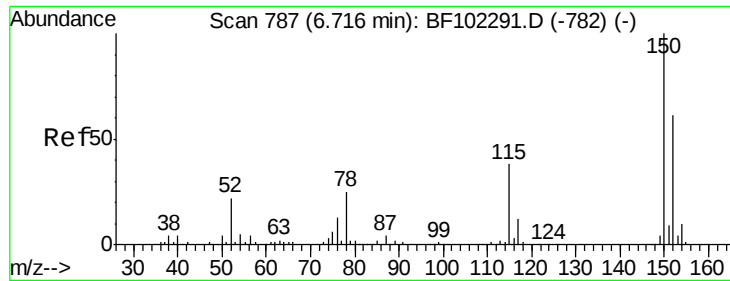
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102637.D
 Acq On : 30 Jan 2018 14:16
 Operator : SJ/JU
 Sample : J1345-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIMER-TANK

Quant Time: Jan 30 22:58:35 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	157214	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	677067	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	304447	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	548903	20.00	ng	0.00
75) Chrysene-d12	13.87	240	466896	20.00	ng	0.00
86) Perylene-d12	15.30	264	399569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1187820	114.56	ng	0.02
7) Phenol-d6	6.37	99	1307059	104.56	ng	0.00
23) Nitrobenzene-d5	7.28	82	1059796	89.95	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	345043	114.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1851310	89.41	ng	0.00
78) Terphenyl-d14	12.82	244	1717759	82.94	ng	0.00
Target Compounds						
10) Phenol	6.38	94	75919	5.563	ng	93
20) 3+4-Methylphenols	7.13	107	385371	34.712	ng	86
31) Naphthalene	8.01	128	200980	5.945	ng	98
49) Dimethylphthalate	9.46	163	80937	3.216	ng	99
76) Benzidine	12.58	184	1194628	76.165	ng	97

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

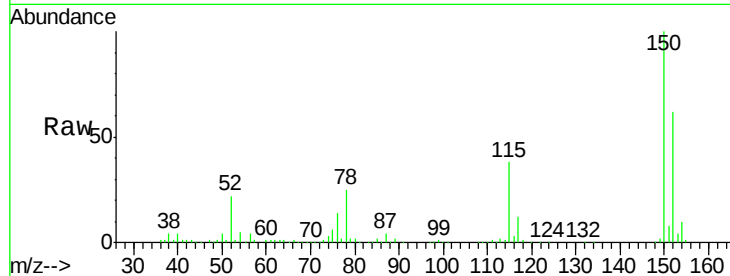


#1

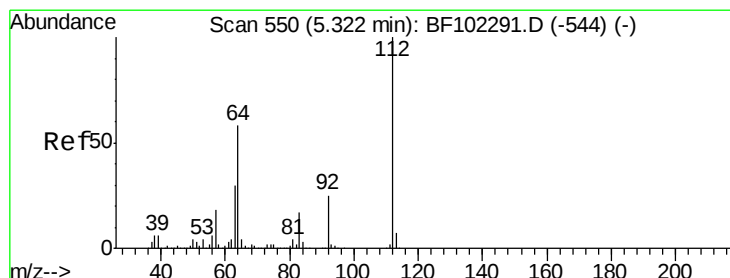
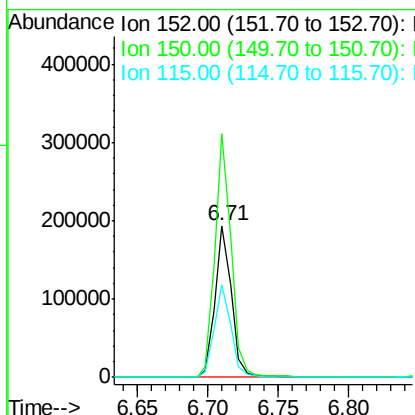
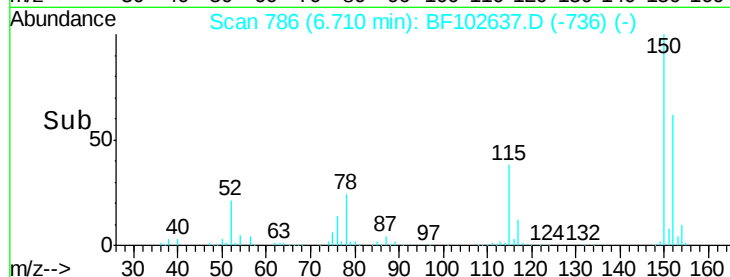
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

Tot Ion:152 Resp: 157214
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 61.3 50.1 75.1



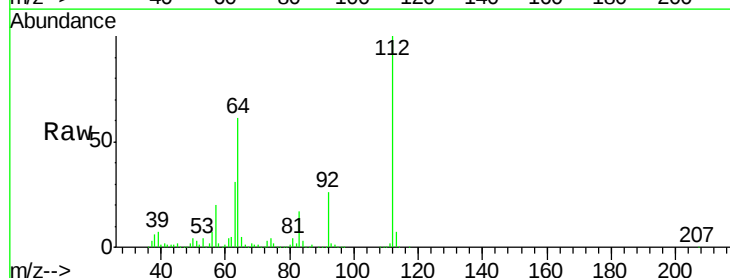
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



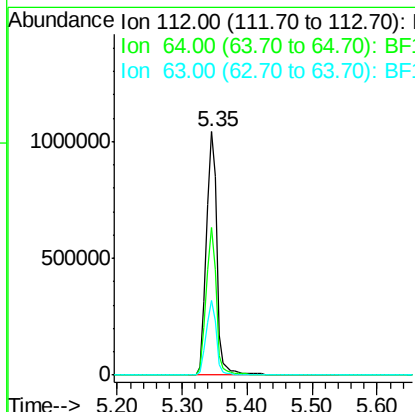
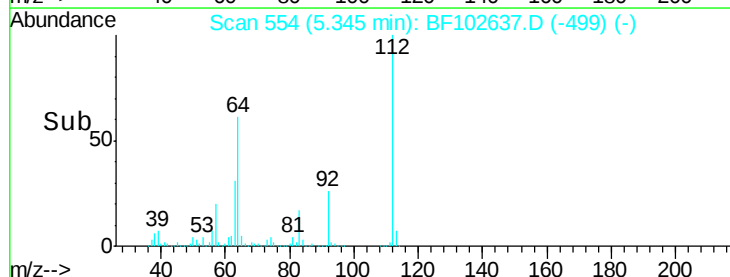
#5

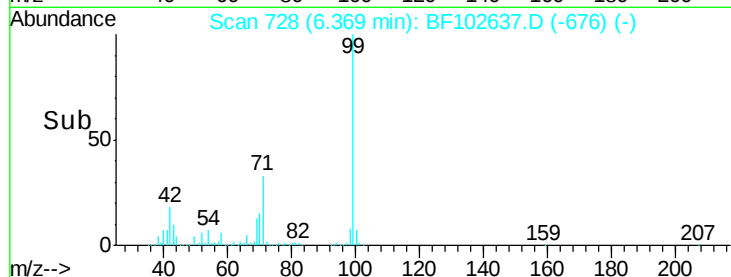
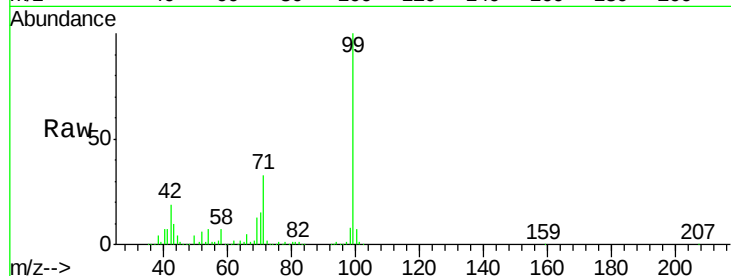
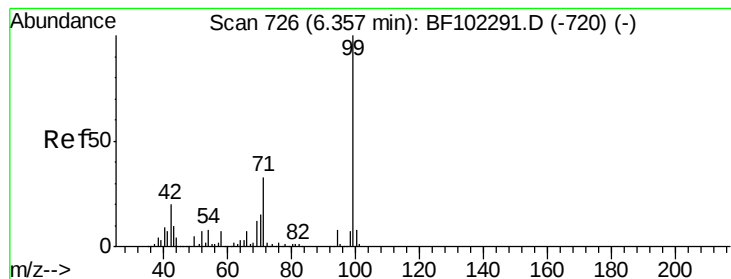
2-Fluorophenol
Concen: 114.560 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Tgt Ion:112 Resp: 1187820
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.6 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: 104.563 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102637.D

Acq: 30 Jan 2018 14:16

Instrument :

BNA_F

ClientSampleId :

RECLAIMER-TANK

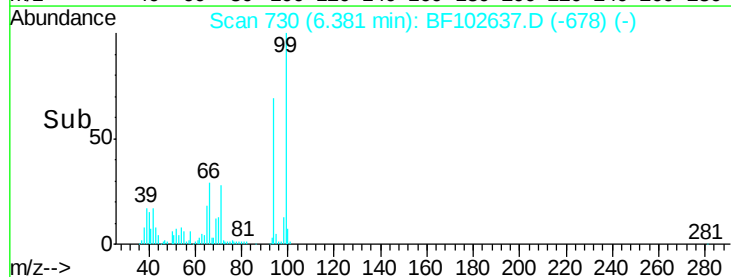
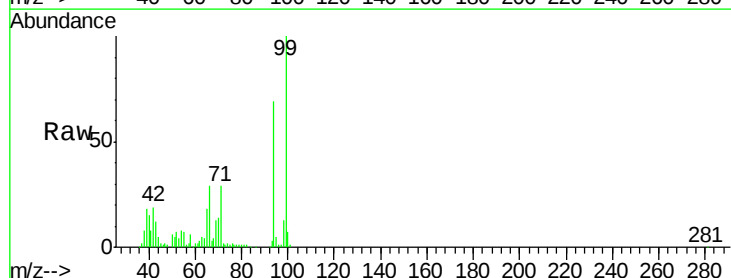
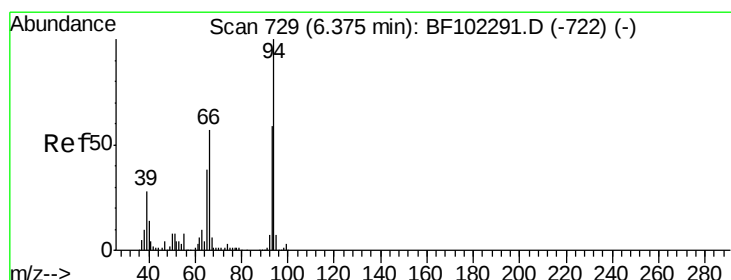
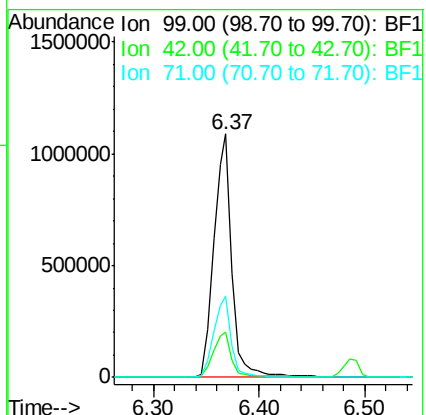
Tot Ion: 99 Resp: 1307059

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 33.1 25.4 38.0



#10

Phenol

Concen: 5.563 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102637.D

Acq: 30 Jan 2018 14:16

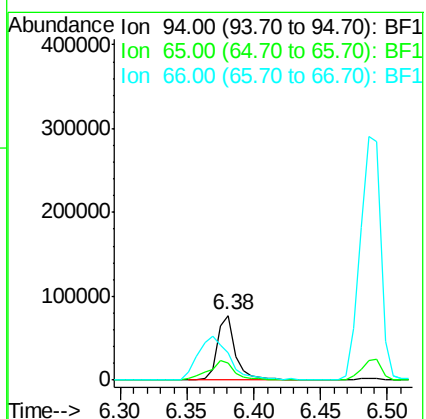
Tgt Ion: 94 Resp: 75919

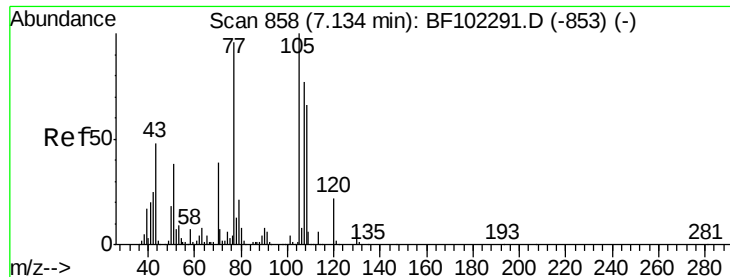
Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

66 41.9 16.2 56.2

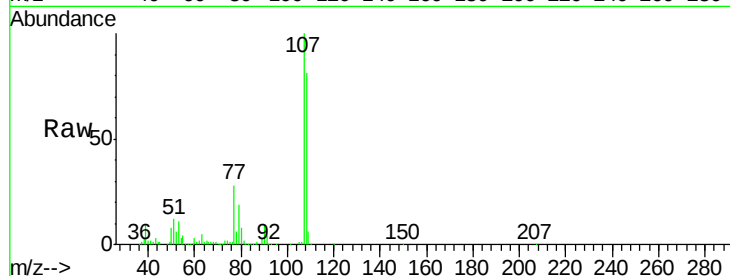




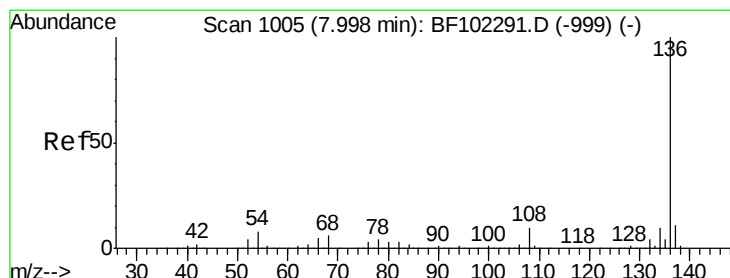
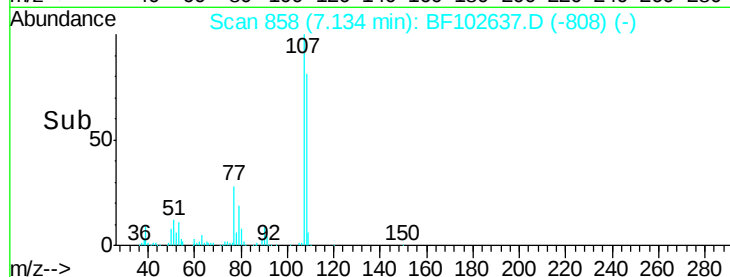
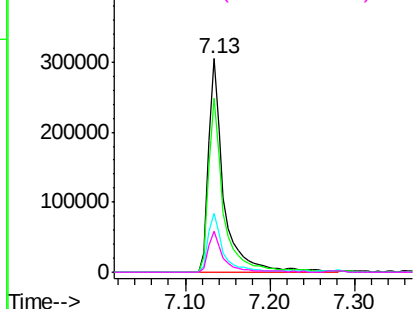
#20
 3+4-Methylphenols
 Concen: 34.712 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF102637.D
 Acq: 30 Jan 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 RECLAIMER-TANK

Tot Ion:	107	Resp:	385371
Ion	Ratio	Lower	Upper
107	100		
108	81.3	68.2	108.2
77	27.8	26.7	66.7
79	19.5	6.3	46.3

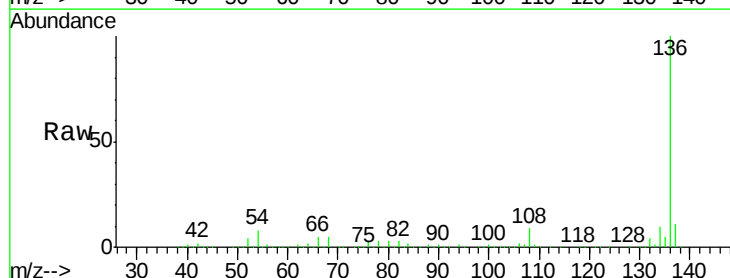


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

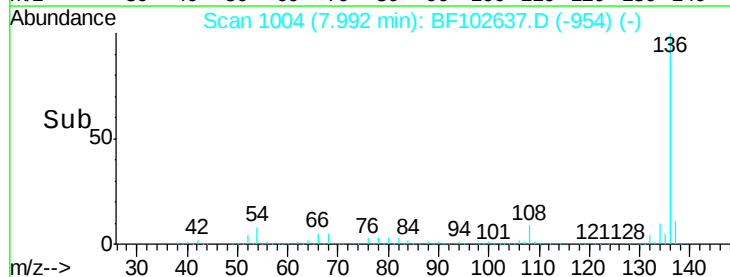
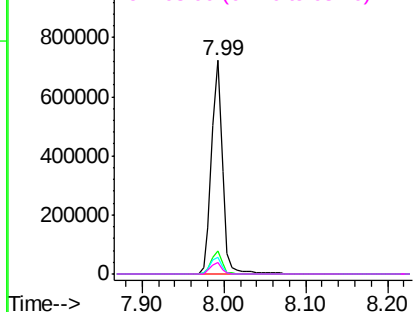


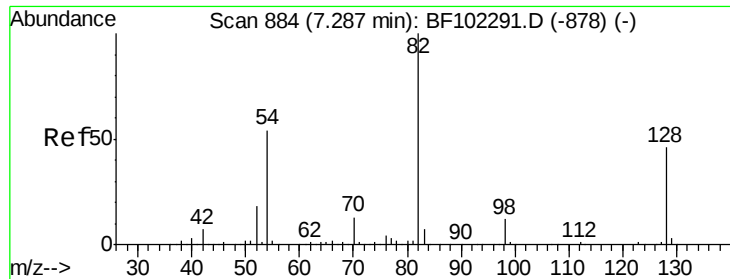
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF102637.D
 Acq: 30 Jan 2018 14:16

Tgt Ion:	136	Resp:	677067
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	5.4	5.0	7.4



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

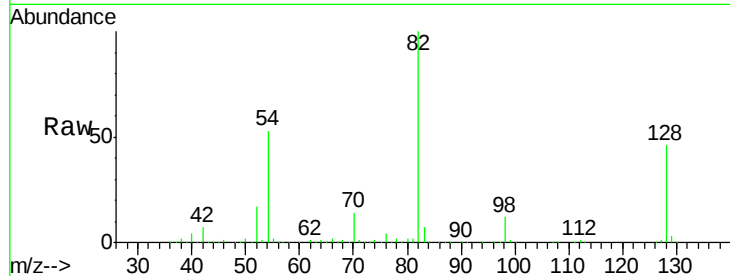




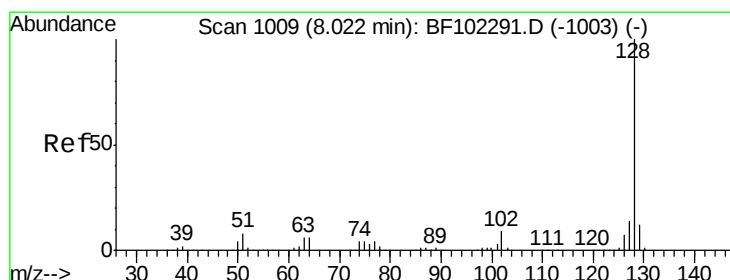
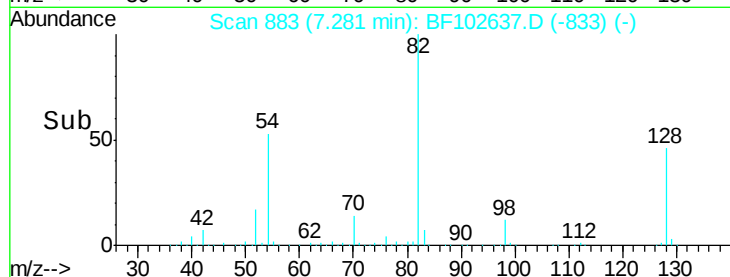
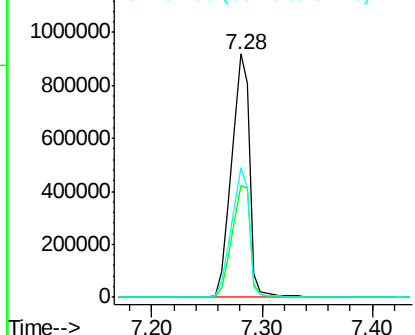
#23
Nitrobenzene-d5
Concen: 89.951 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

Tot Ion: 82 Resp: 1059796
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 53.2 41.4 62.2

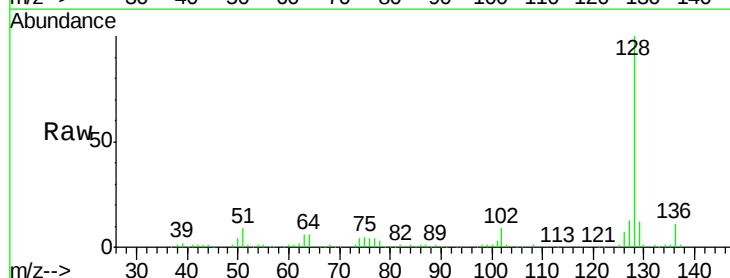


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

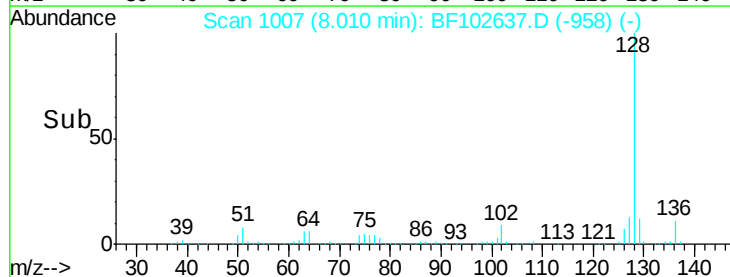
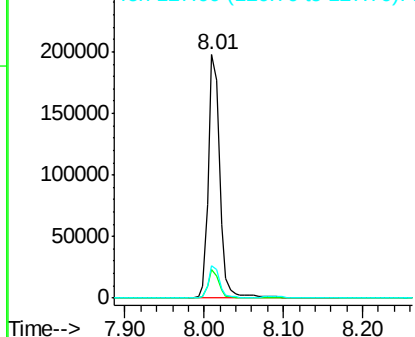


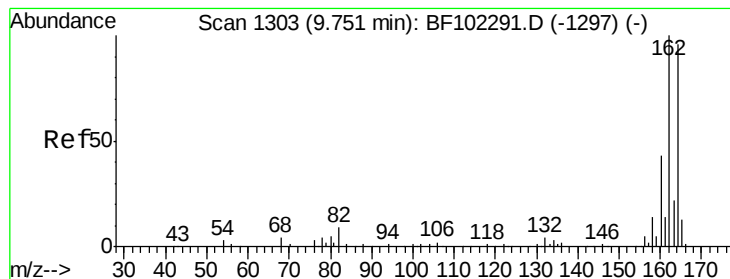
#31
Naphthalene
Concen: 5.945 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Tgt Ion: 128 Resp: 200980
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102637.D

Acq: 30 Jan 2018 14:16

Instrument :

BNA_F

ClientSampleId :

RECLAIMER-TANK

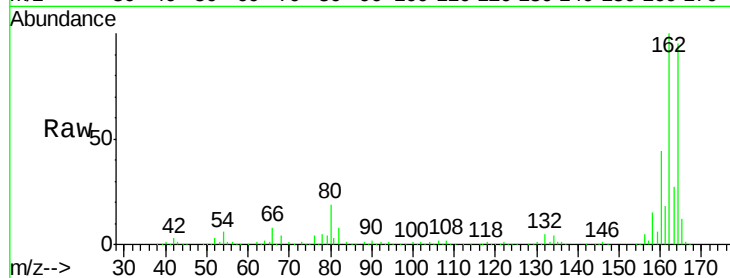
Tot Ion:164 Resp: 304447

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

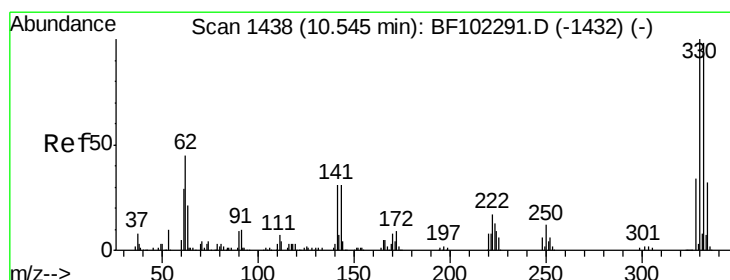
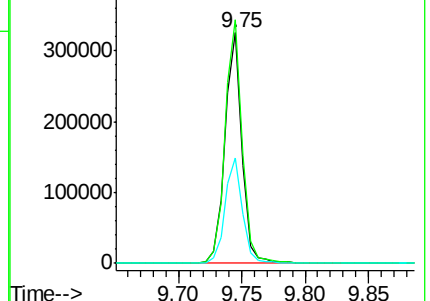
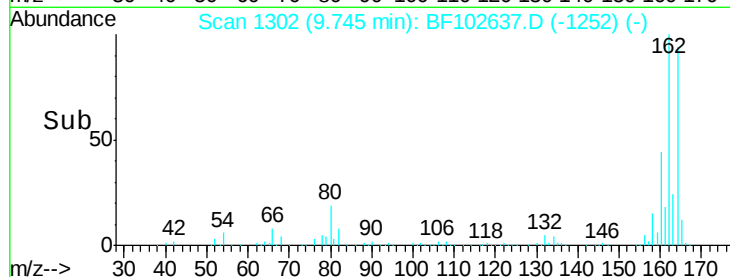
160 45.9 38.3 57.5



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: 114.380 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102637.D

Acq: 30 Jan 2018 14:16

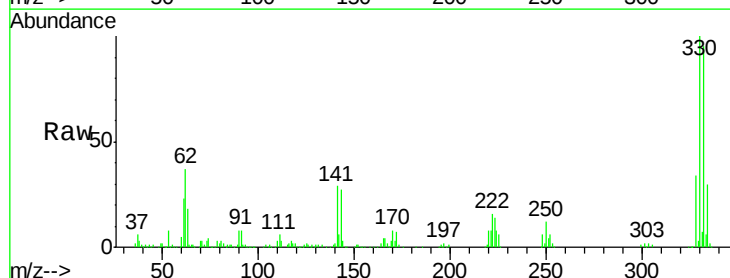
Tgt Ion:330 Resp: 345043

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

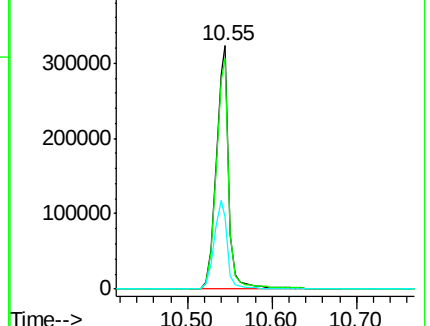
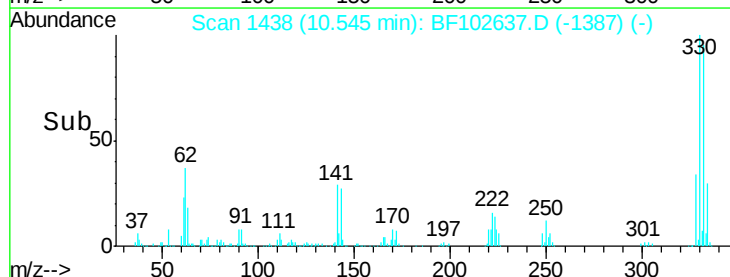
141 38.7 29.9 44.9

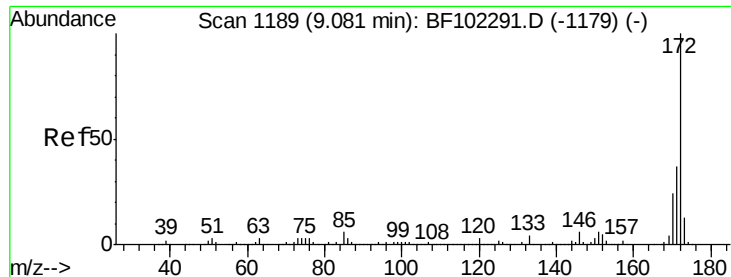


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

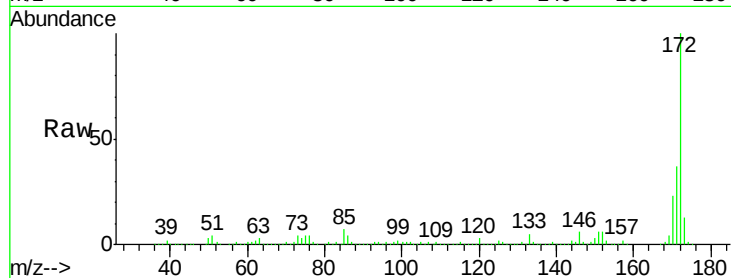




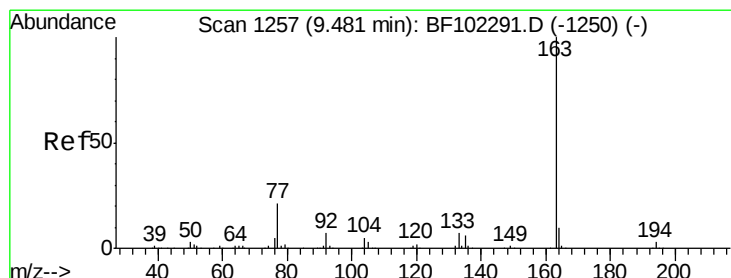
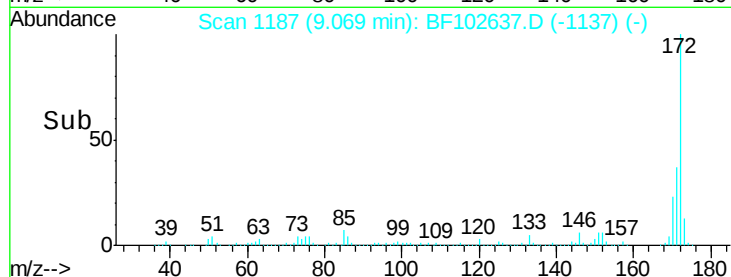
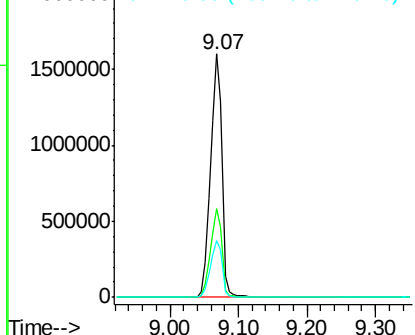
#44
2-Fluorobiphenyl
Concen: 89.411 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

Tot Ion:172 Resp: 1851310
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.4 19.6 29.4

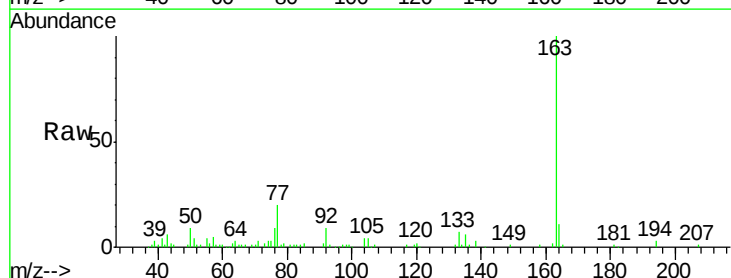


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

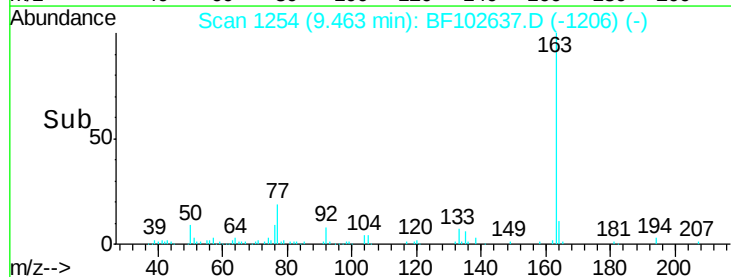
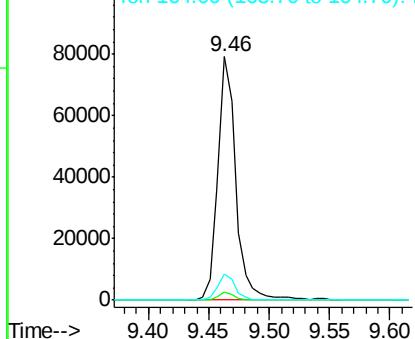


#49
Dimethylphthalate
Concen: 3.216 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Tgt Ion:163 Resp: 80937
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 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

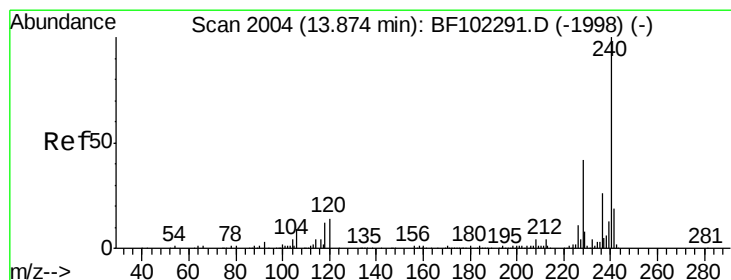
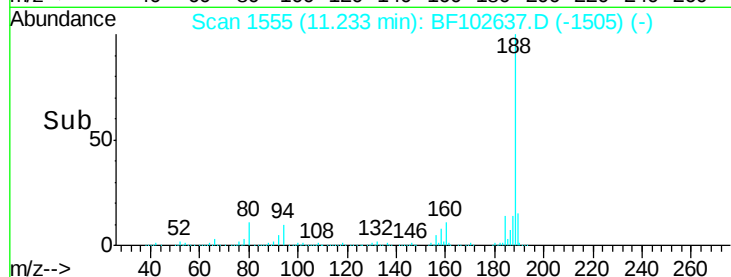
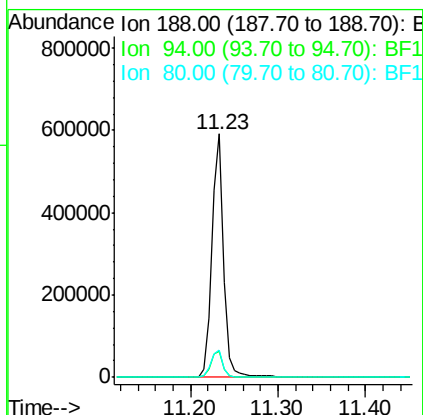
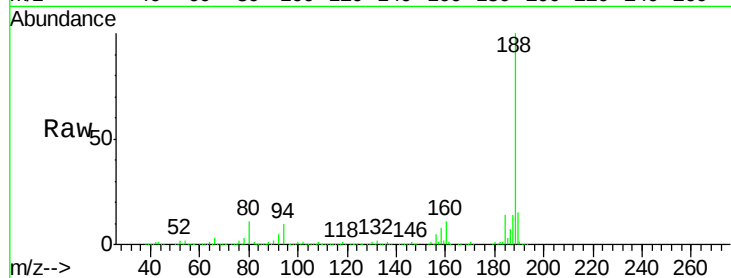




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

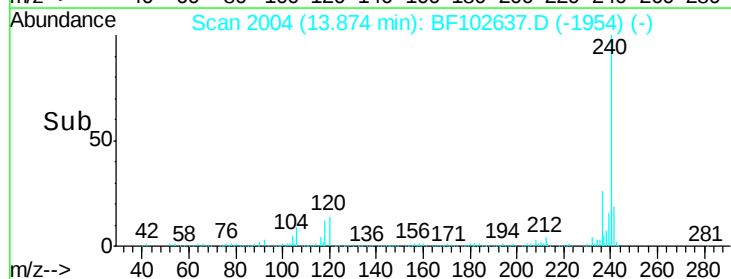
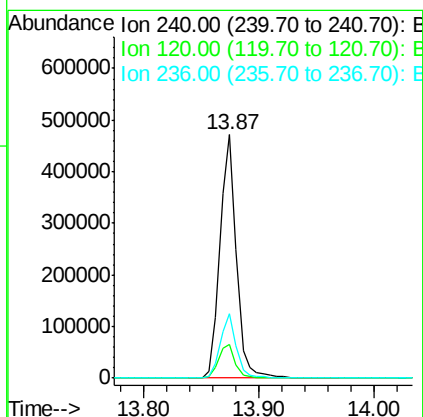
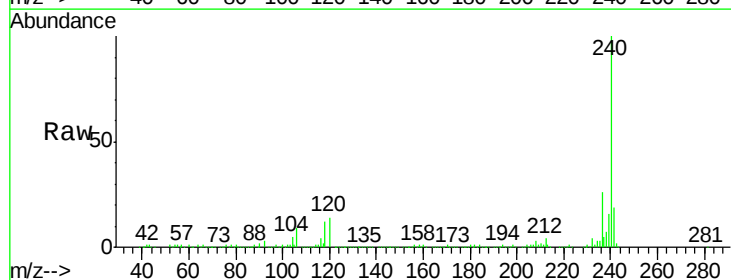
Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

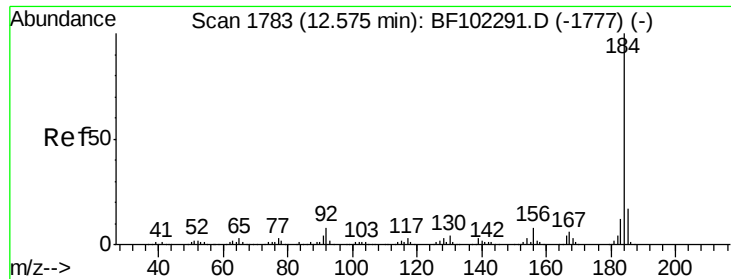
Tot Ion:188 Resp: 548903
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Tgt Ion:240 Resp: 466896
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.2 20.7 31.1

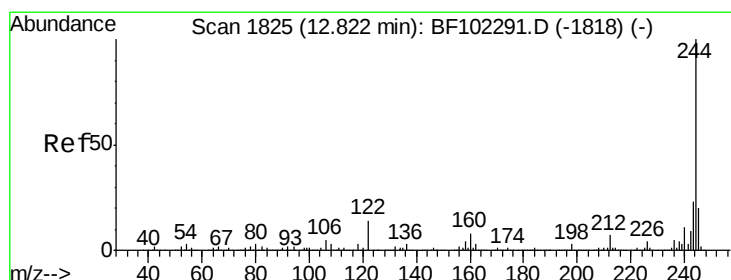
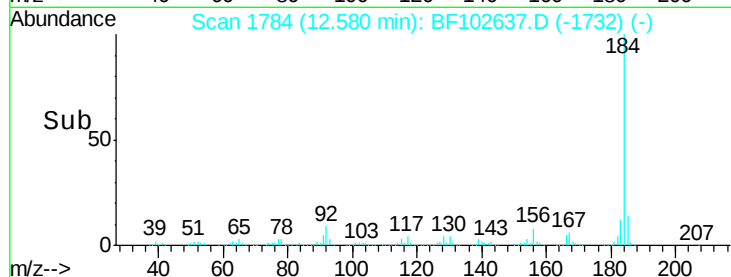
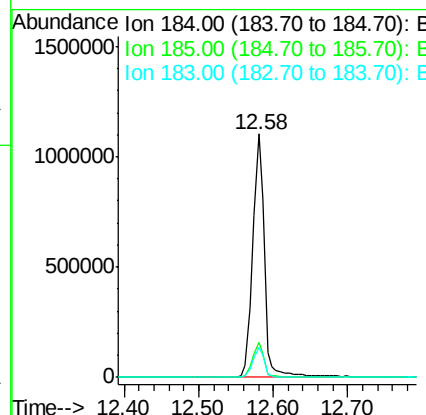
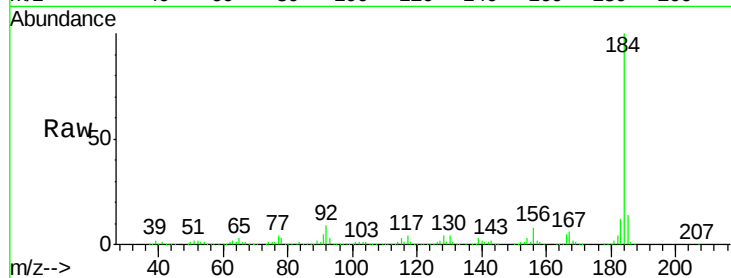




#76
Benzidine
Concen: 76.165 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

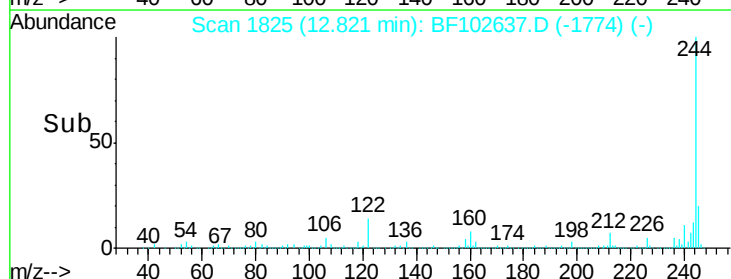
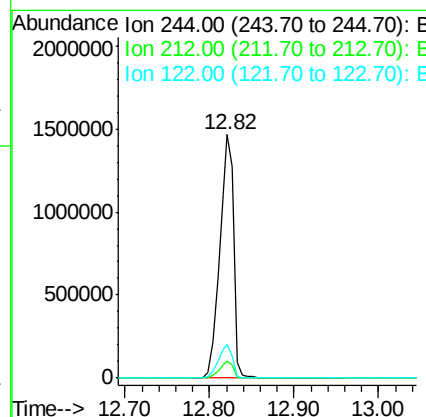
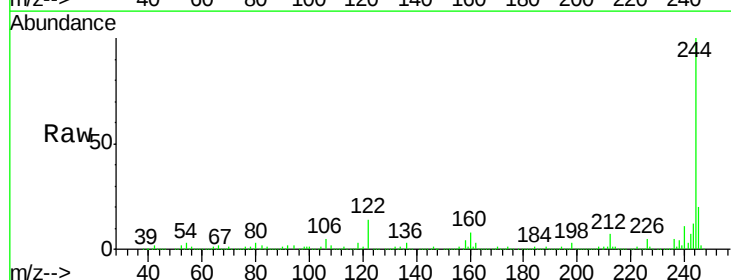
Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

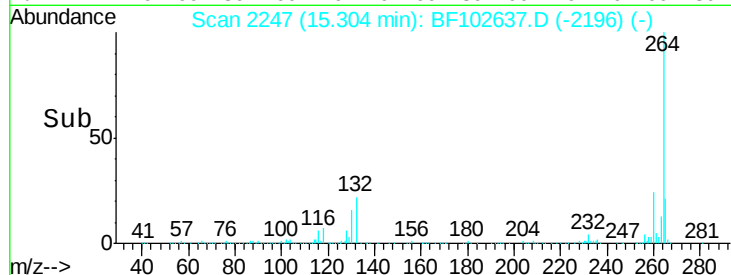
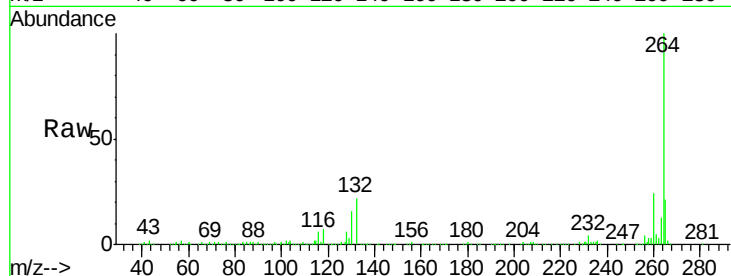
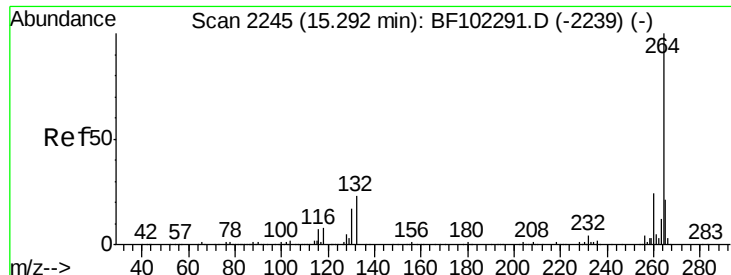
Tot Ion:184 Resp: 1194628
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 12.4 9.3 13.9



#78
Terphenyl-d14
Concen: 82.940 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Tgt Ion:244 Resp: 1717759
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.7 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102637.D
Acq: 30 Jan 2018 14:16

Instrument :
BNA_F
ClientSampleId :
RECLAIMER-TANK

Tot Ion:	264	Resp:	399569
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

