

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103645.D
 Acq On : 14 Mar 2018 17:18
 Operator : SJ/JU
 Sample : J1908-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:12:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

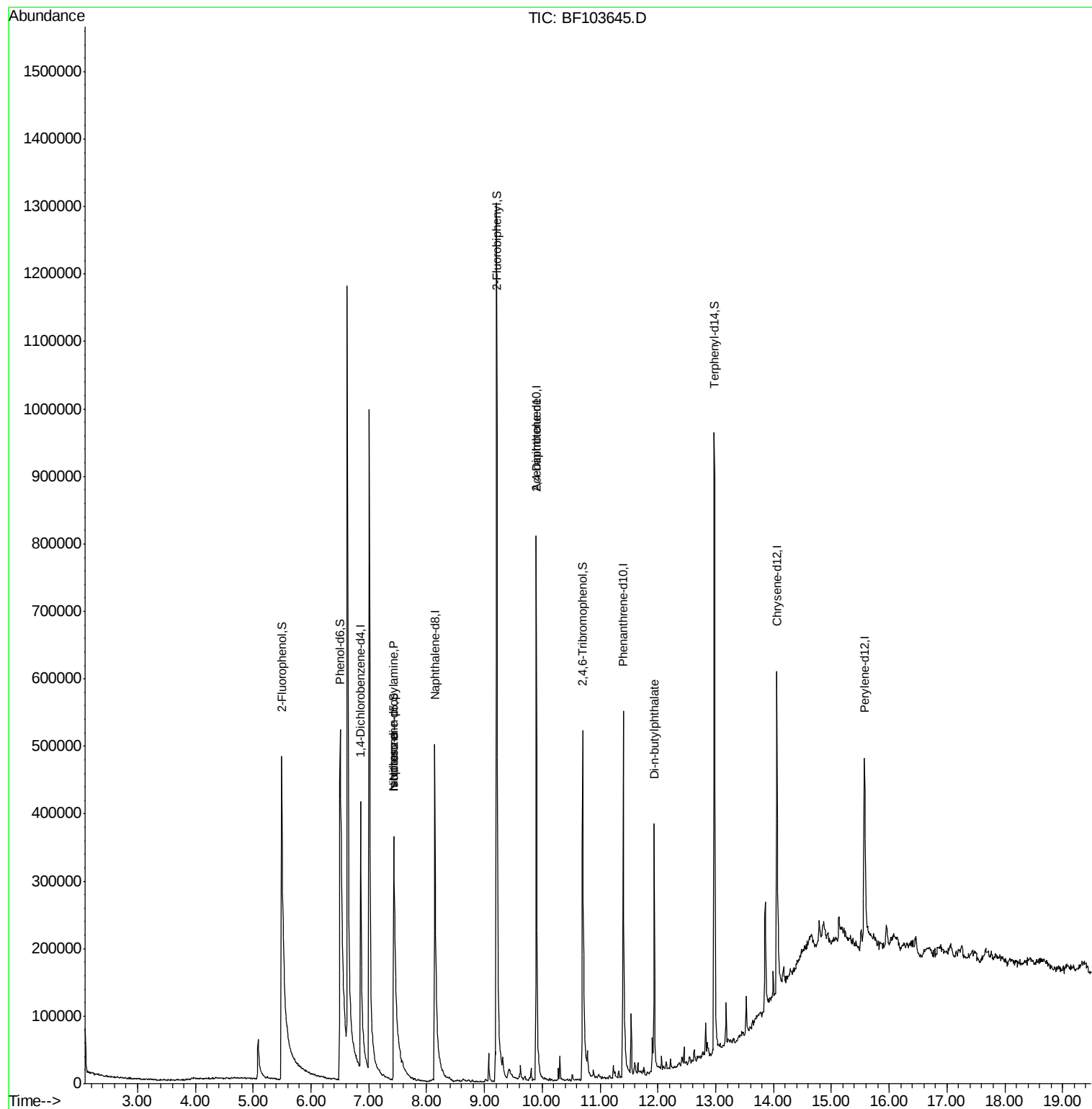
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112999	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	483484	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	201391	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	309864	20.00	ng	0.00
75) Chrysene-d12	14.06	240	222024	20.00	ng	0.00
86) Perylene-d12	15.57	264	182386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	466697	62.46	ng	0.00
7) Phenol-d6	6.50	99	569494	62.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	396420	46.82	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	77694	45.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	570549	42.98	ng	0.00
78) Terphenyl-d14	12.97	244	361059	39.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	496	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	44739	7.863 ng	#	85
25) Isophorone	7.43	82	396420	23.775 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	25618	5.974 ng	#	24
73) Di-n-butylphthalate	11.94	149	197321	9.056 ng		98

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

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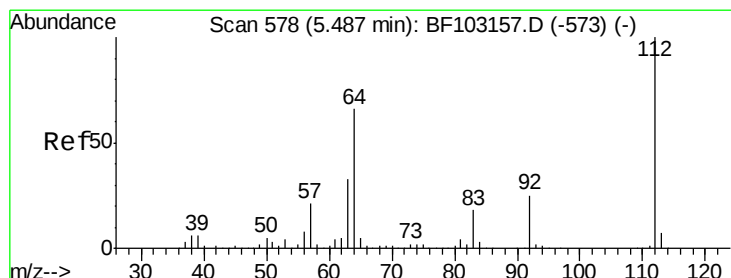
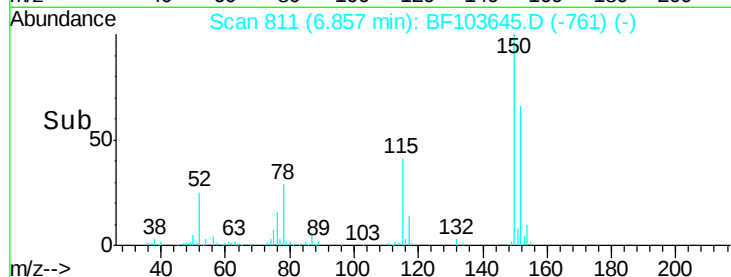
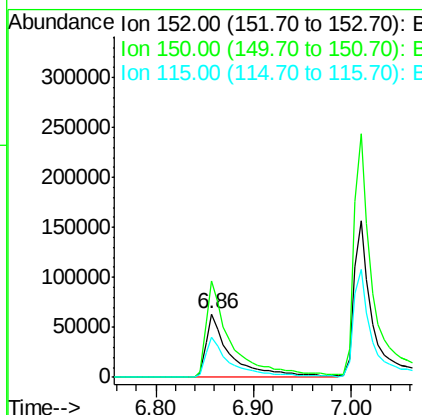
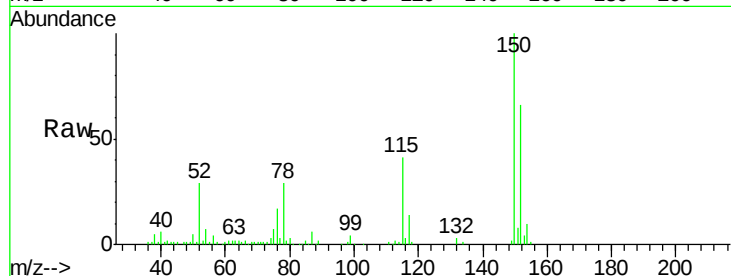


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

Instrument :
BNA_F
ClientSampleId :

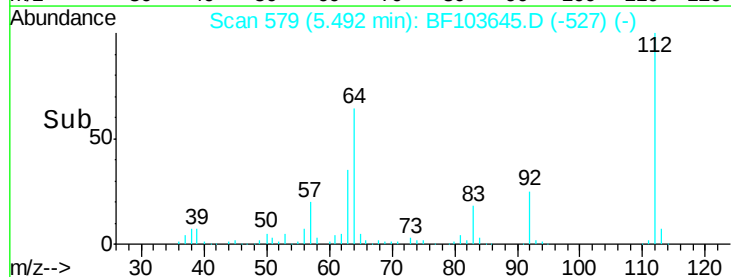
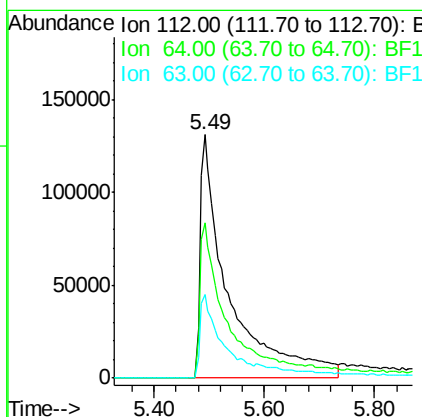
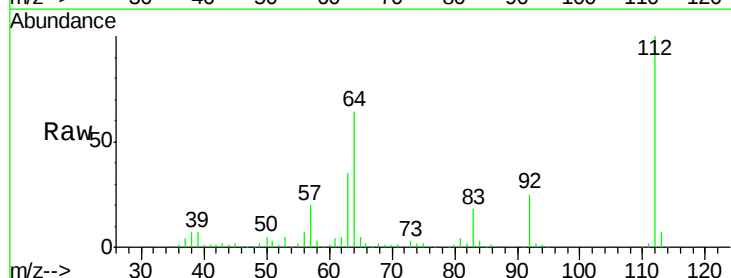
Tot Ion:152 Resp: 112999
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 62.7 50.1 75.1

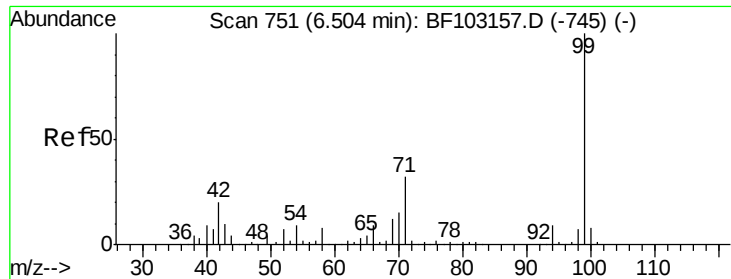


#5

2-Fluorophenol
Concen: 62.465 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

Tgt Ion:112 Resp: 466697
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 34.6 23.7 35.5





#7

Phenol-d6

Concen: 62.292 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103645.D

Acq: 14 Mar 2018 17:18

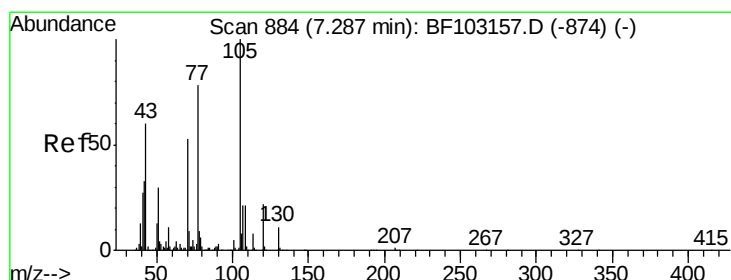
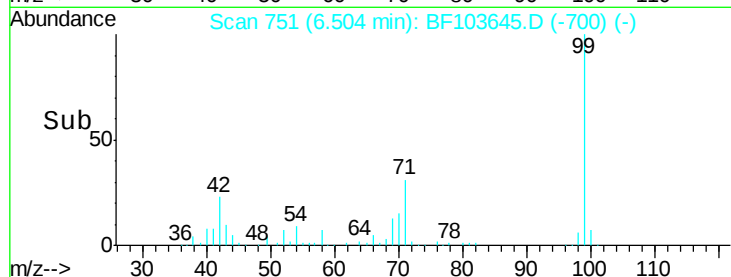
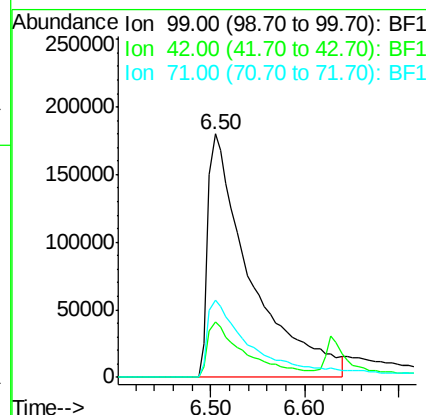
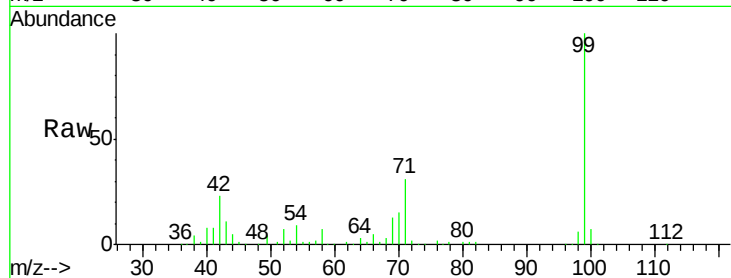
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 569494

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	31.5	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.863 ng

RT: 7.43 min Scan# 909

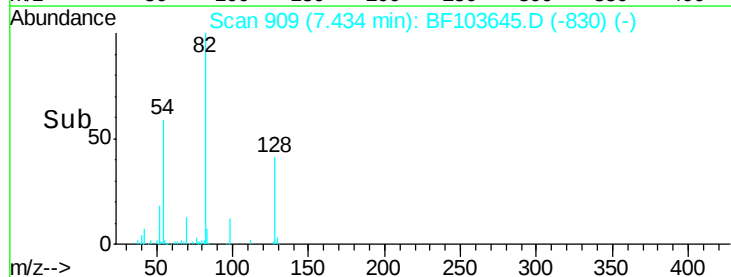
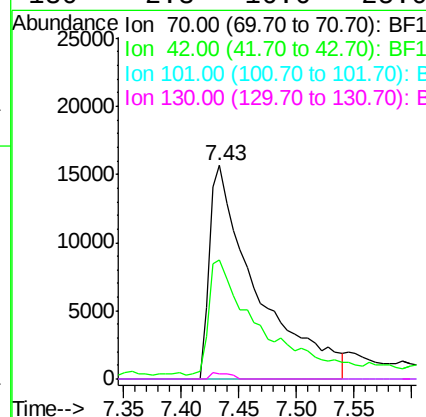
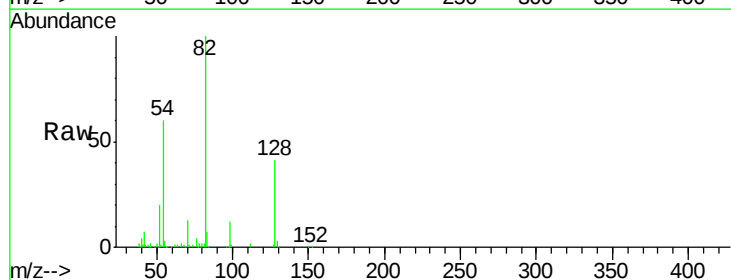
Delta R.T. 0.16 min

Lab File: BF103645.D

Acq: 14 Mar 2018 17:18

Tgt Ion: 70 Resp: 44739

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

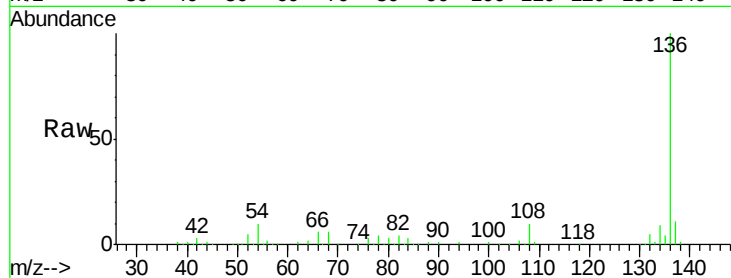




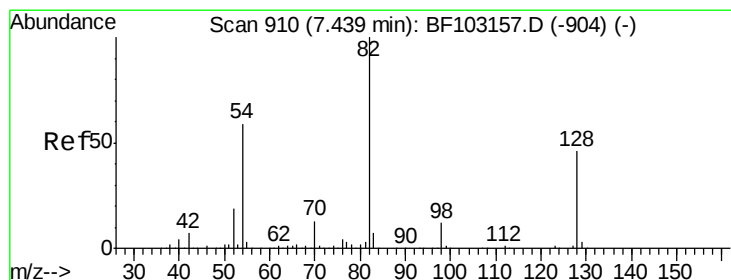
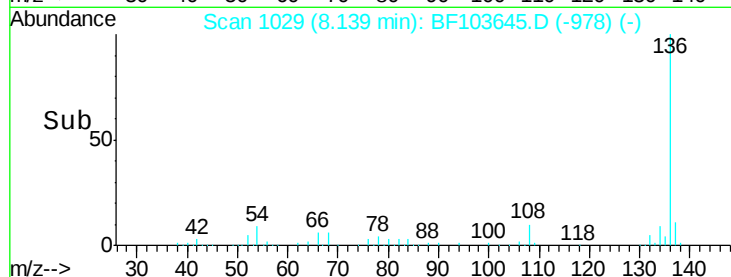
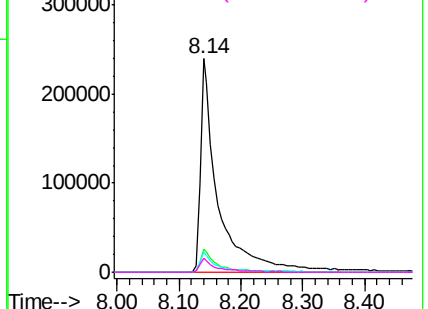
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	483484
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.7	6.6 9.8
68	6.4	5.0 7.4

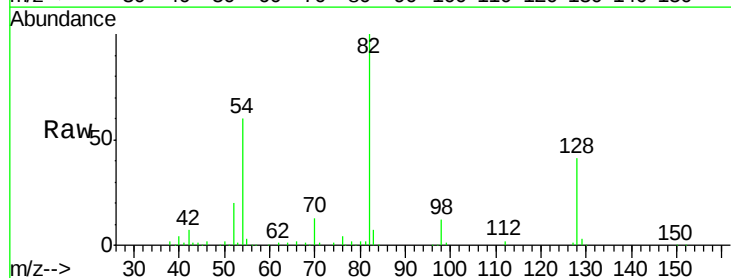


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

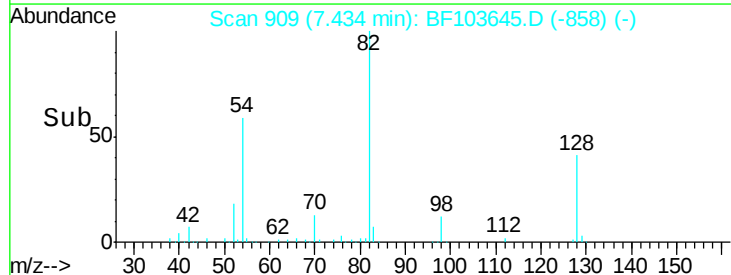
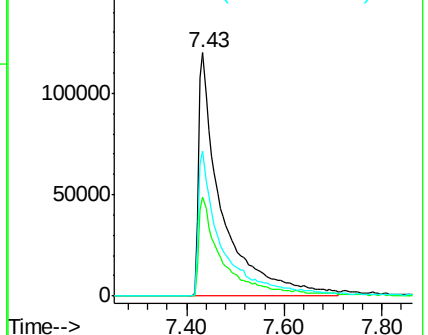


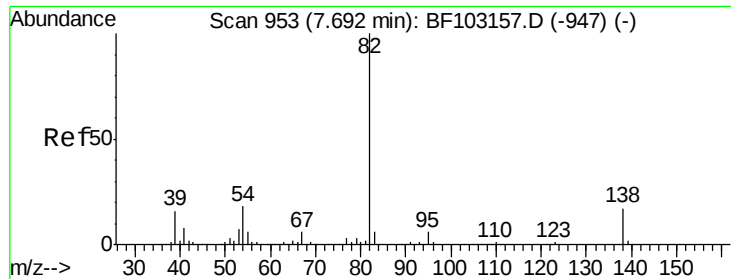
#23
Nitrobenzene-d5
Concen: 46.825 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

Tgt Ion: 82	Resp:	396420
Ion Ratio	Lower	Upper
82	100	
128	40.7	36.1 54.1
54	59.8	41.4 62.2



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





#25

Isophorone

Concen: 23.775 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103645.D

Acq: 14 Mar 2018 17:18

Instrument :

BNA_F

ClientSampleId :

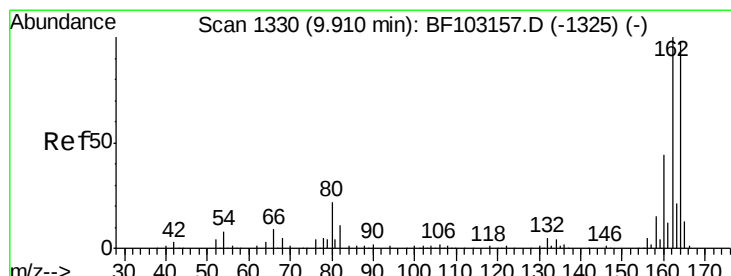
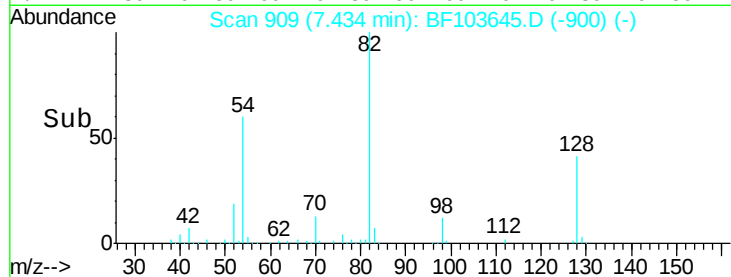
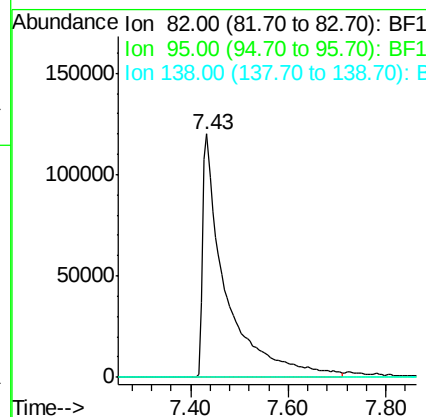
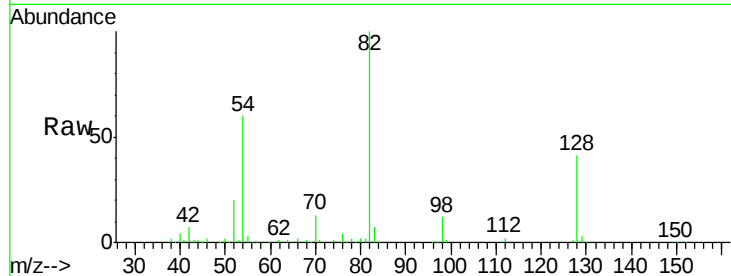
Tot Ion: 82 Resp: 396420

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103645.D

Acq: 14 Mar 2018 17:18

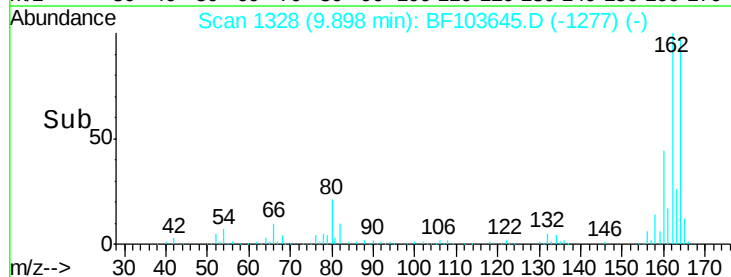
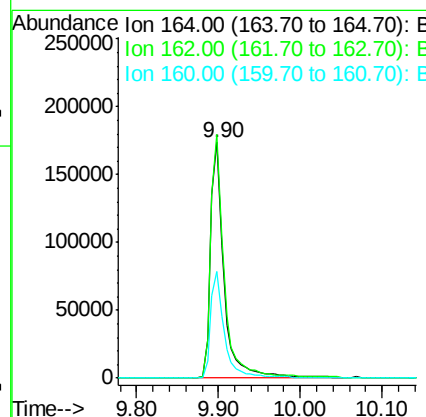
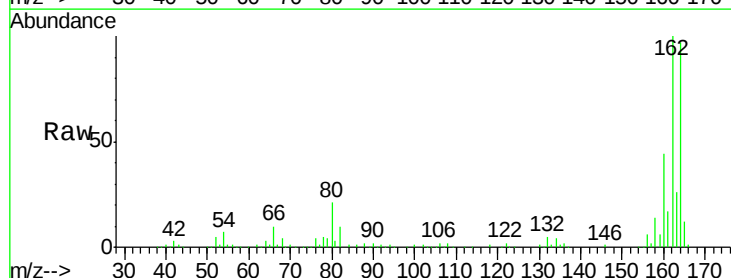
Tgt Ion:164 Resp: 201391

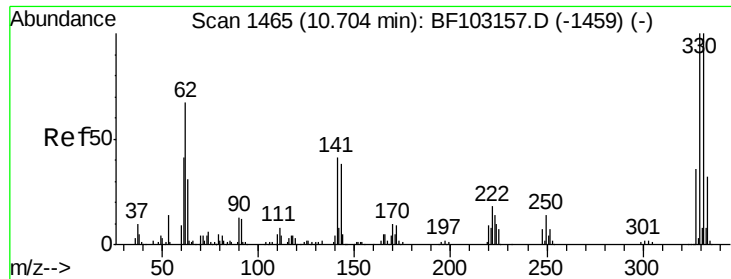
Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

160 45.2 38.3 57.5

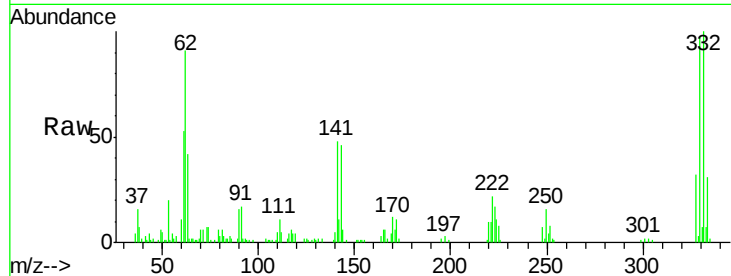




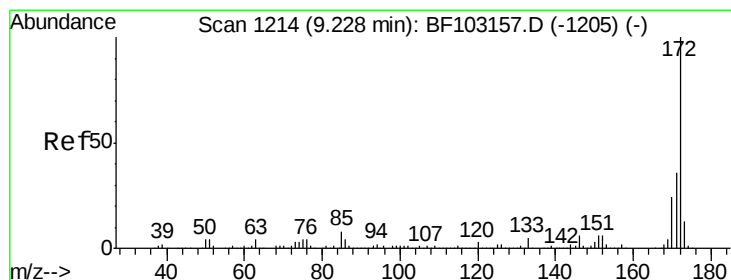
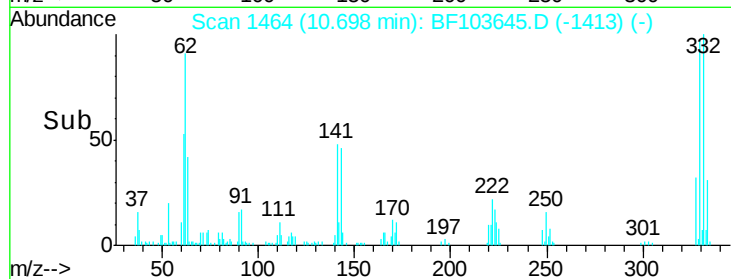
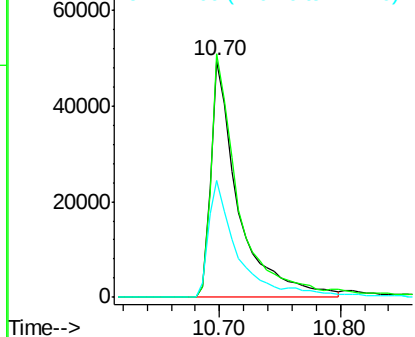
#41
 2,4,6-Tribromophenol
 Concen: 45.577 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 77694
 Ion Ratio Lower Upper
 330 100
 332 107.9 77.0 115.6
 141 53.5 29.9 44.9#

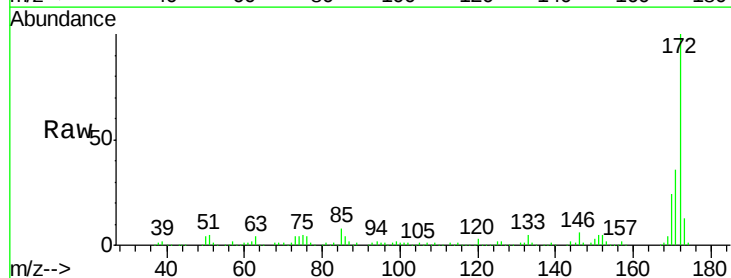


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

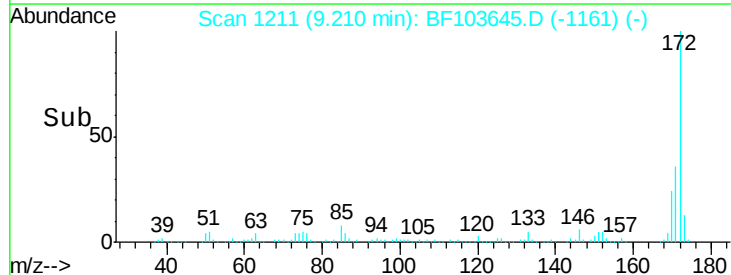
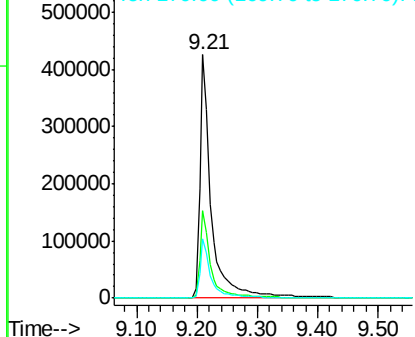


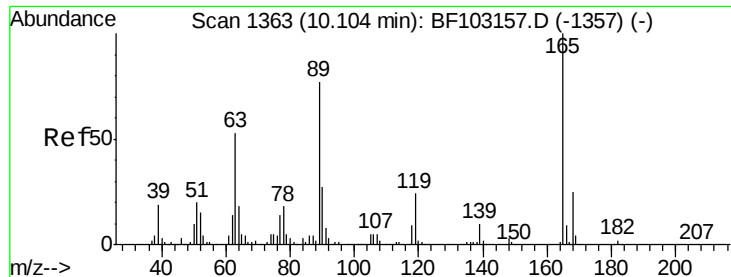
#44
 2-Fluorobiphenyl
 Concen: 42.981 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Tgt Ion:172 Resp: 570549
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.3 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

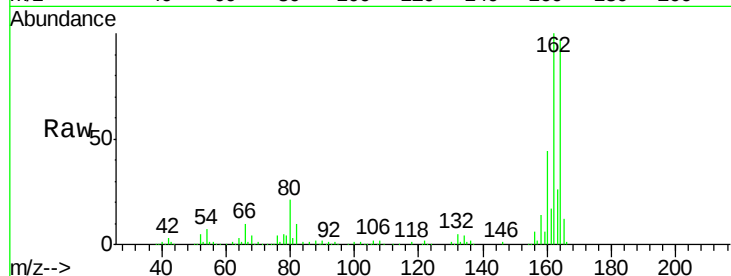




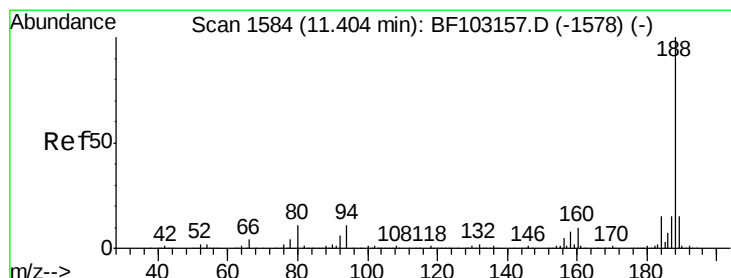
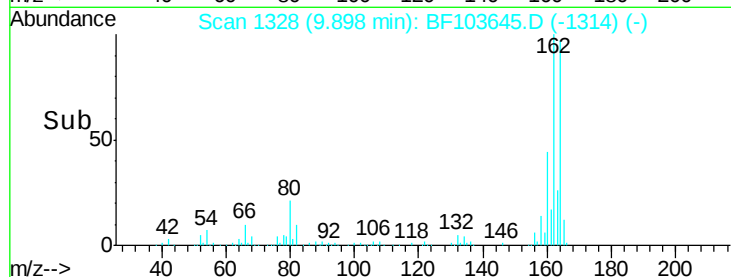
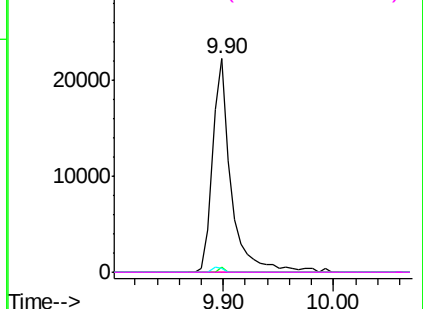
#56
 2,4-Dinitrotoluene
 Concen: 5.974 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25618
 Ion Ratio Lower Upper
 165 100
 63 2.2 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

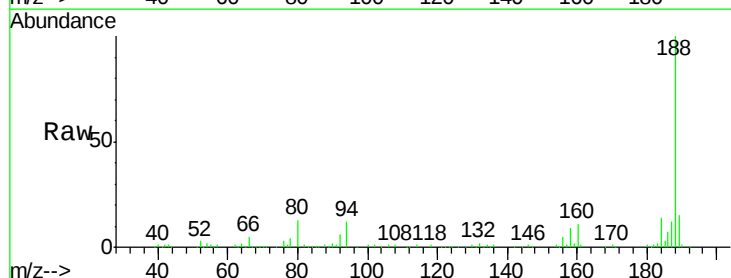


Abundance Ion 165.00 (164.70 to 165.70): E

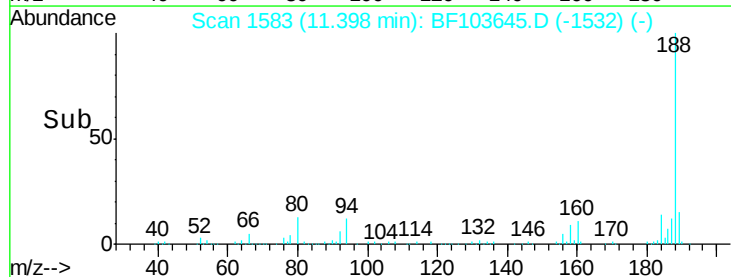
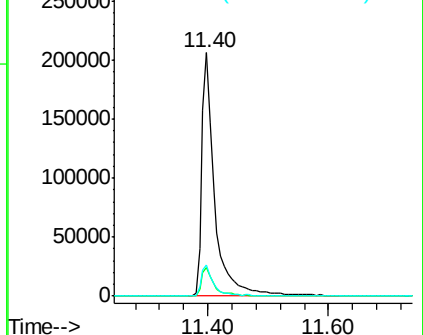


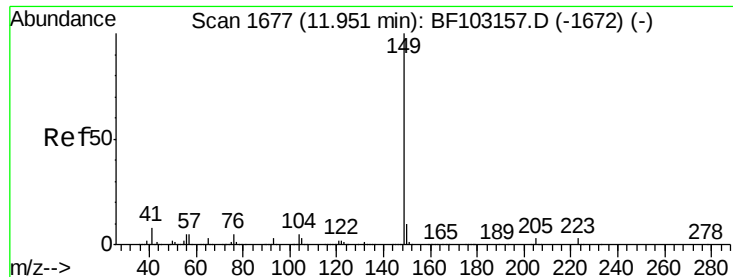
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Tgt Ion:188 Resp: 309864
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

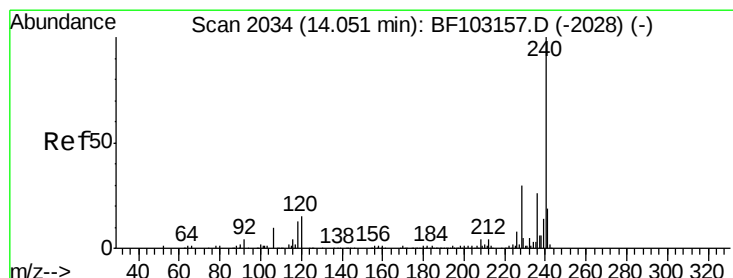
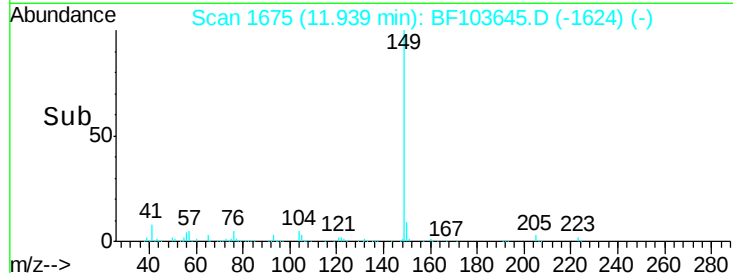
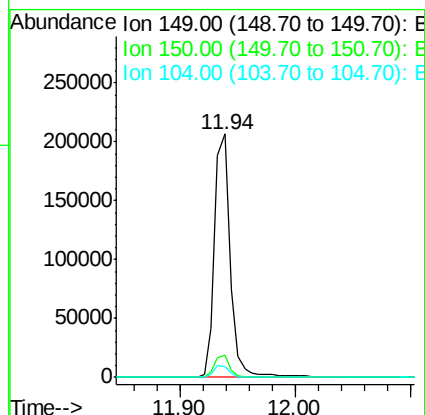
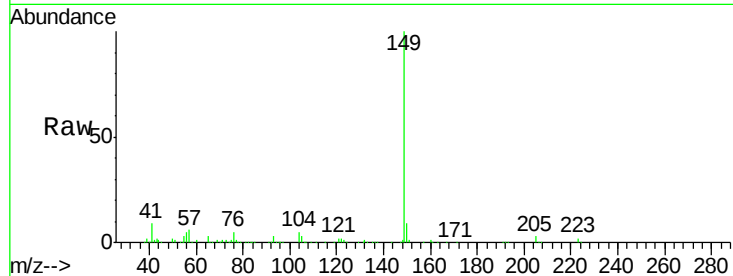




#73
Di-n-butylphthalate
Concen: 9.056 ng
RT: 11.94 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

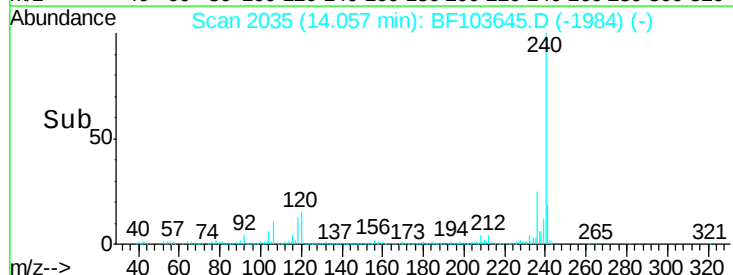
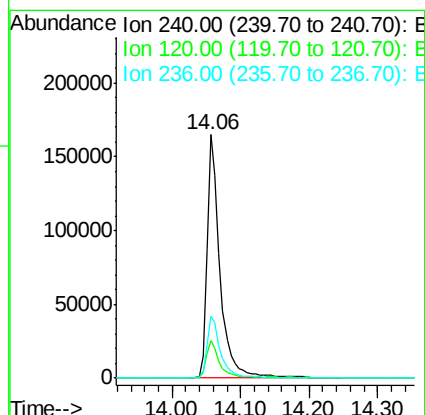
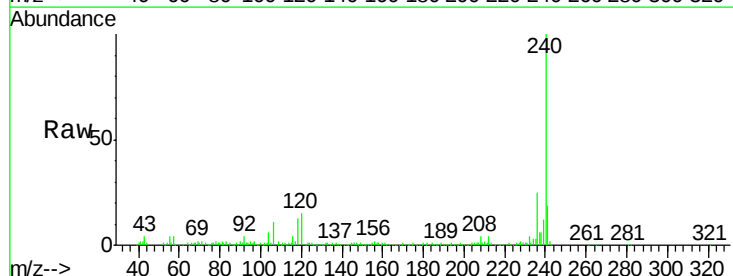
Instrument :
BNA_F
ClientSampled :

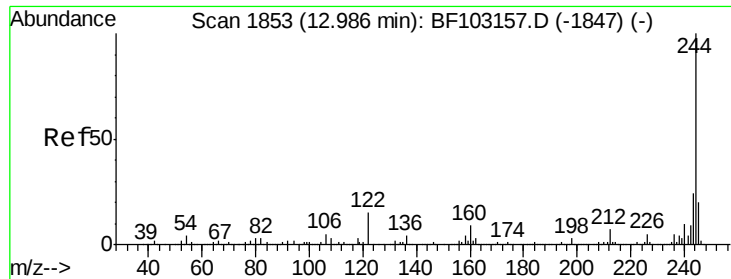
Tot Ion:149 Resp: 197321
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.5 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103645.D
Acq: 14 Mar 2018 17:18

Tgt Ion:240 Resp: 222024
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 25.4 20.7 31.1

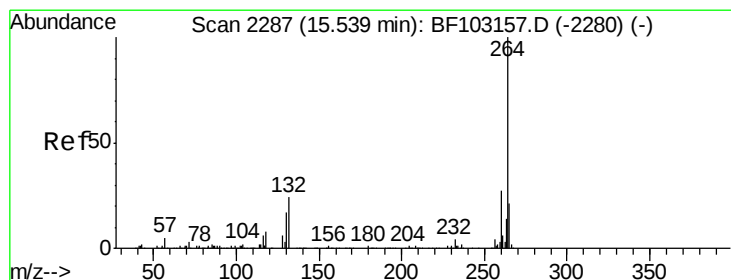
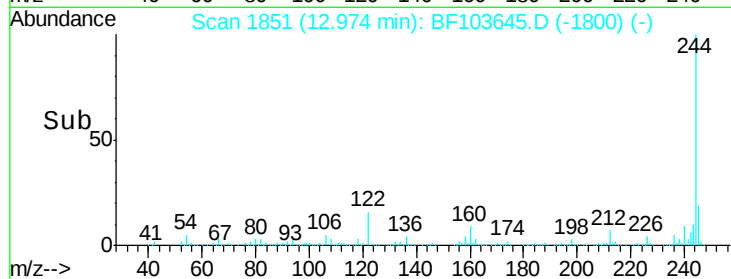
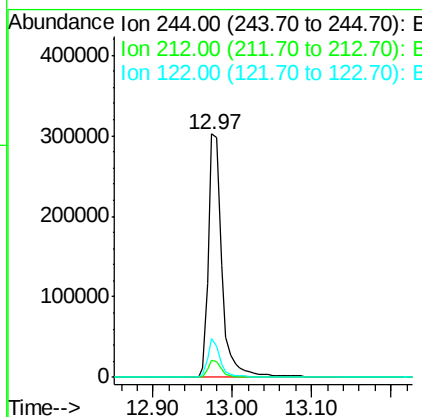
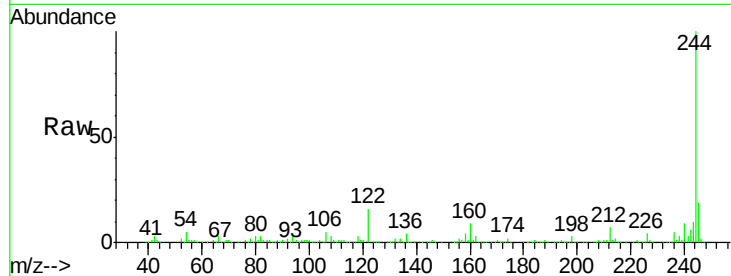




#78
 Terphenyl-d14
 Concen: 39.092 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 361059
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 16.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103645.D
 Acq: 14 Mar 2018 17:18

Tgt Ion:264 Resp: 182386
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 17.5 26.3

