

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103837.D
 Acq On : 21 Mar 2018 11:25
 Operator : JU/SJ
 Sample : J1960-01DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BBDL

Quant Time: Mar 21 12:04:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

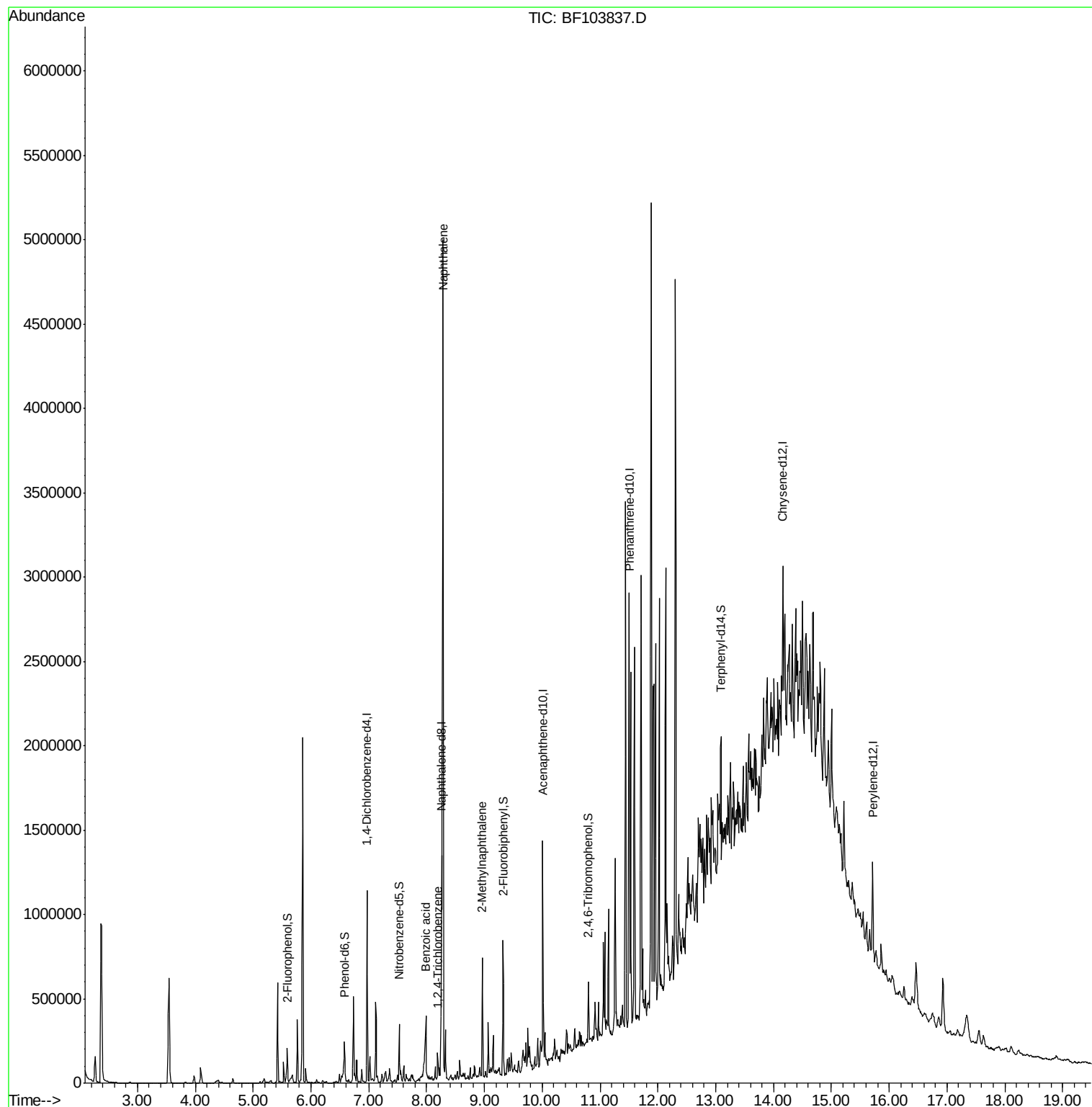
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156280	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	624948	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	274581	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	376853	20.00	ng	0.01
75) Chrysene-d12	14.16	240	248572	20.00	ng	0.01
86) Perylene-d12	15.72	264	256244	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	68152	6.63	ng	0.00
7) Phenol-d6	6.57	99	53431	4.25	ng	-0.01
23) Nitrobenzene-d5	7.53	82	107187	11.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	38934	16.49	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	220525	12.81	ng	0.00
78) Terphenyl-d14	13.09	244	148255	13.84	ng	0.00
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.19	180	25829	2.754	ng	98
31) Naphthalene	8.28	128	2735007	86.636	ng	98
32) Benzoic acid	7.98	122	62264	17.785	ng	98
37) 2-Methylnaphthalene	8.96	142	180225	9.002	ng	99

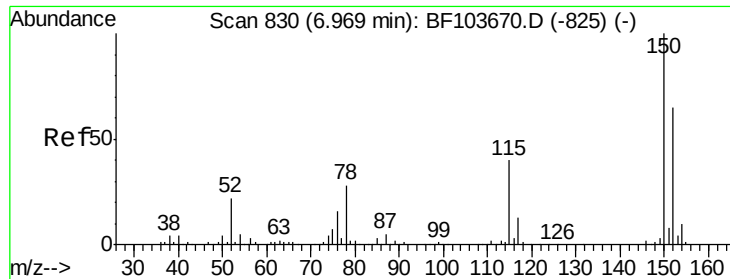
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103837.D
Acq On : 21 Mar 2018 11:25
Operator : JU/SJ
Sample : J1960-01DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BBDL

Quant Time: Mar 21 12:04:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



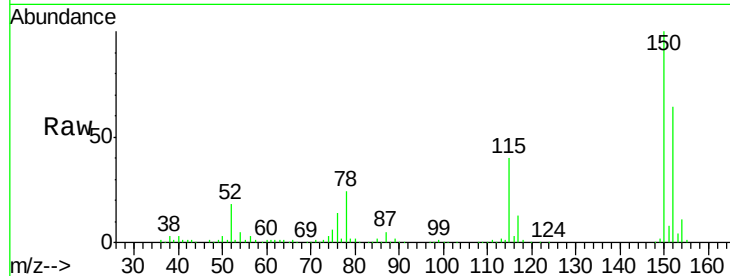


#1

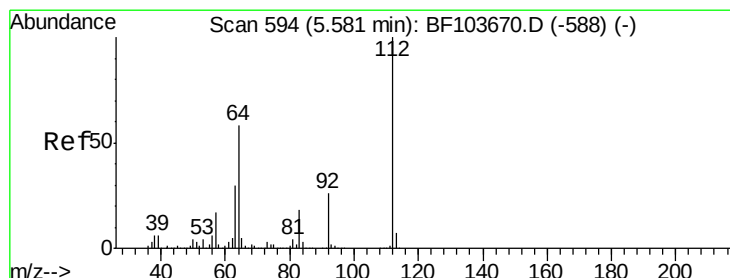
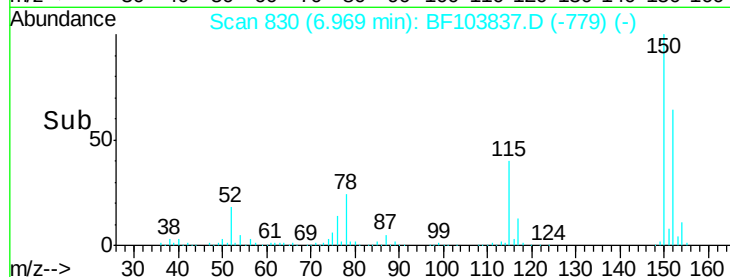
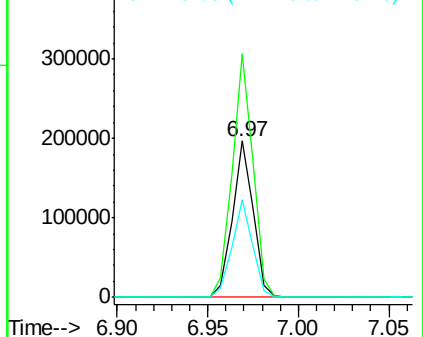
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :
BBDL

Tot Ion:152 Resp: 156280
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 62.6 50.1 75.1



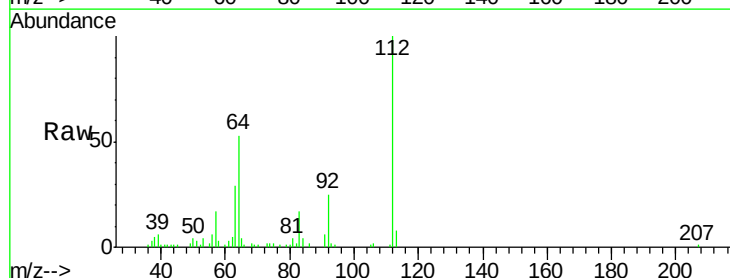
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



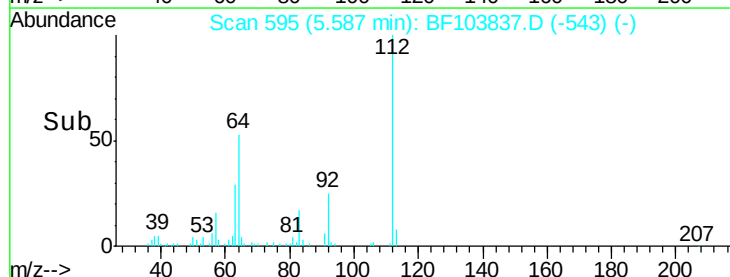
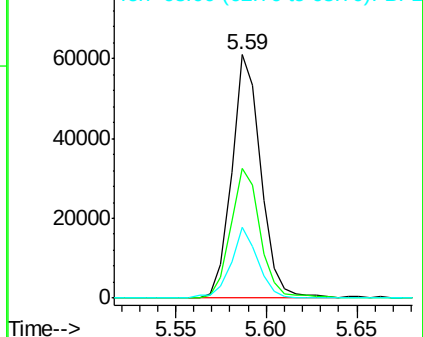
#5

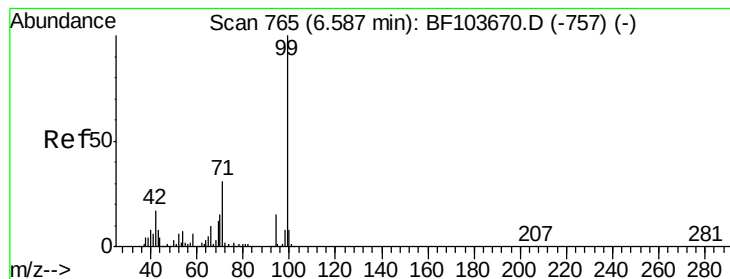
2-Fluorophenol
Concen: 6.633 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:112 Resp: 68152
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 28.9 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: 4.250 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

Instrument :

BNA_F

ClientSampleId :

BBDL

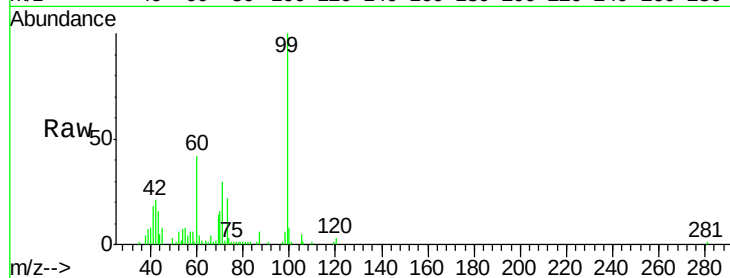
Tot Ion: 99 Resp: 53431

Ion Ratio Lower Upper

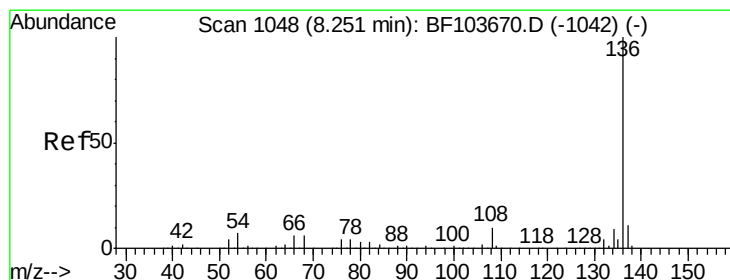
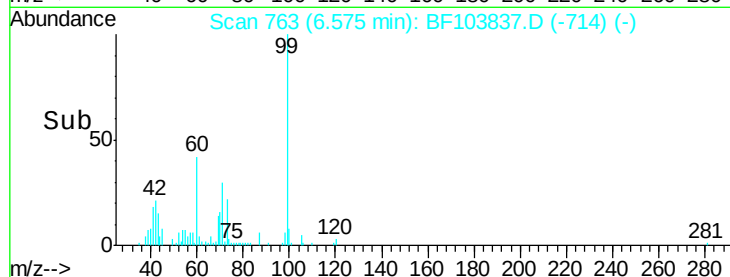
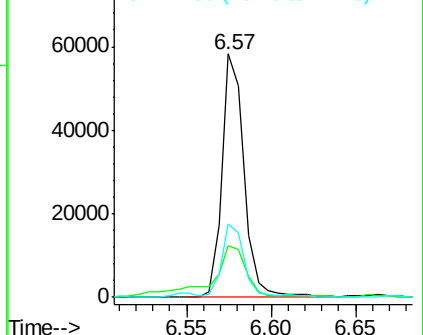
99 100

42 21.4 14.5 21.7

71 30.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

Tgt Ion: 136 Resp: 624948

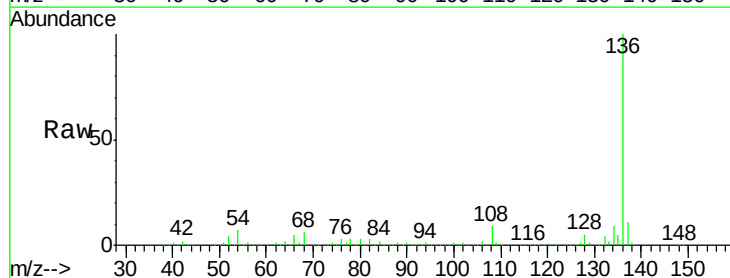
Ion Ratio Lower Upper

136 100

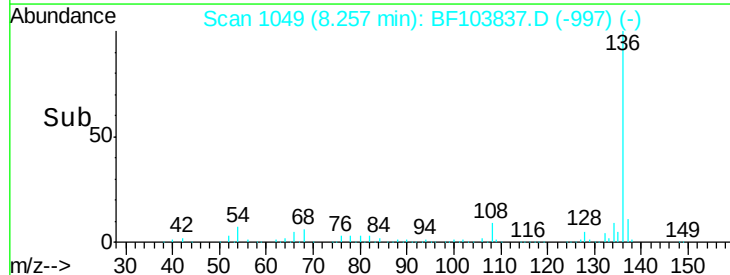
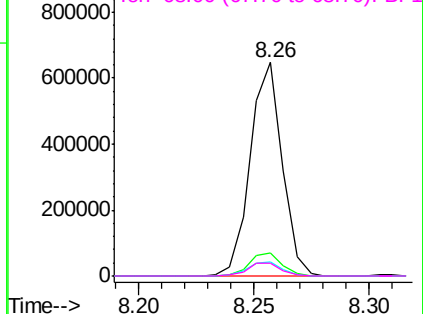
137 11.0 8.9 13.3

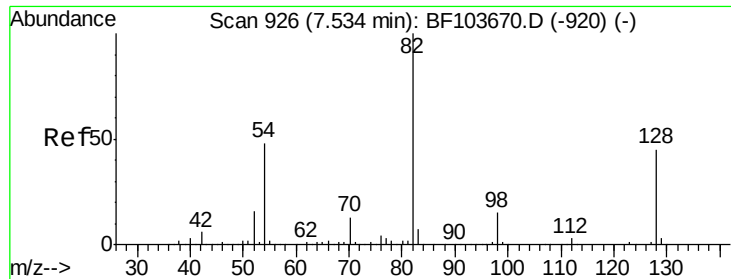
54 6.6 6.6 9.8

68 6.3 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: 11.961 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

Instrument :

BNA_F

ClientSampleId :

BBDL

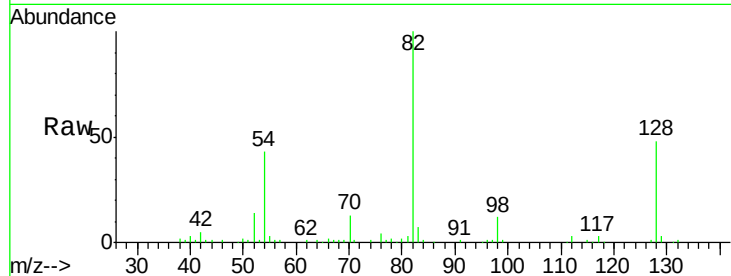
Tot Ion: 82 Resp: 107187

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

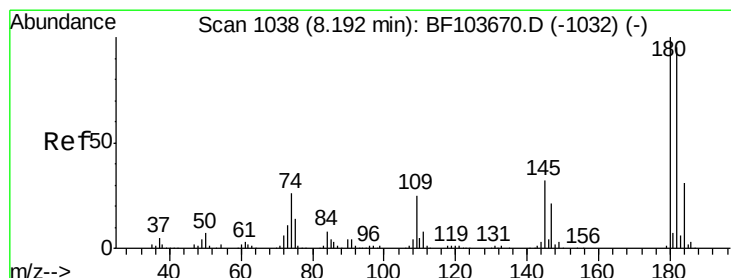
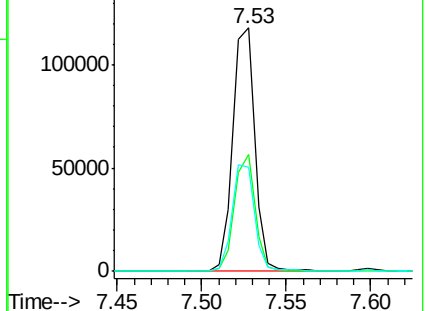
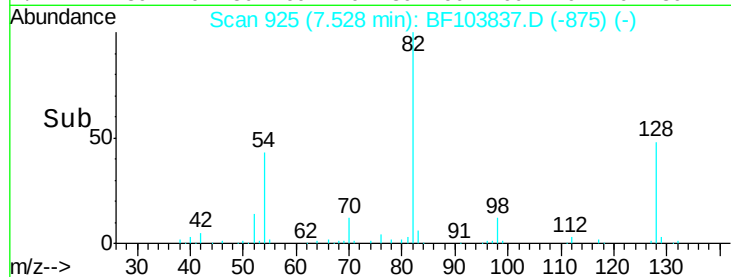
54 42.6 41.4 62.2



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



#30

1,2,4-Trichlorobenzene

Concen: 2.754 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

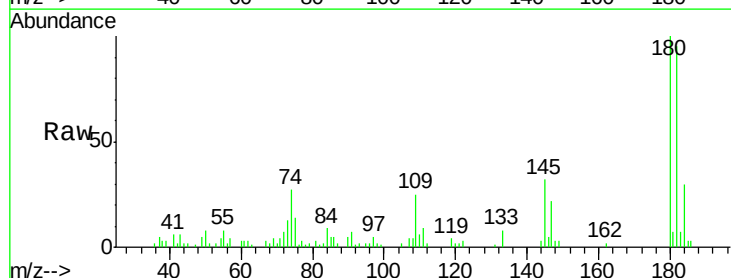
Tgt Ion: 180 Resp: 25829

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

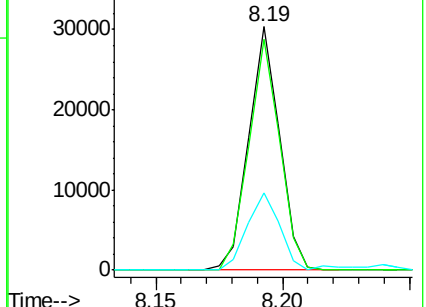
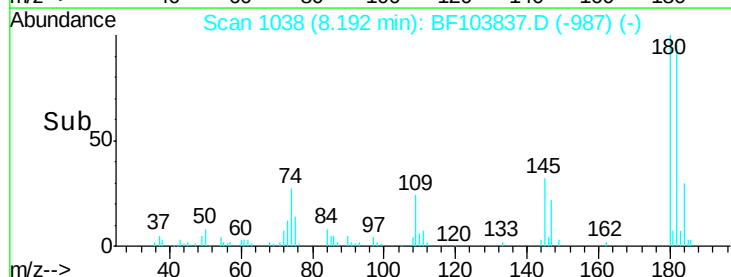
145 31.8 26.5 39.7

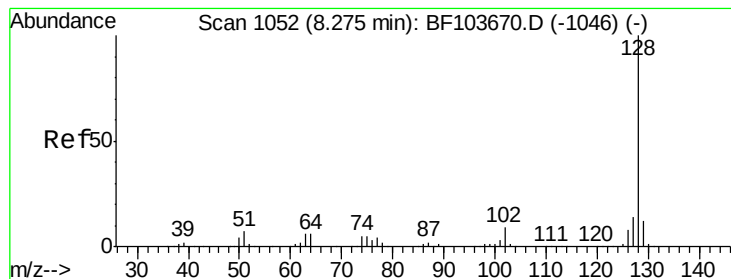


Abundance Ion 180.00 (179.70 to 180.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 145.00 (144.70 to 145.70): BF1





#31

Naphthalene

Concen: 86.636 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

Instrument :

BNA_F

ClientSampleId :

BBDL

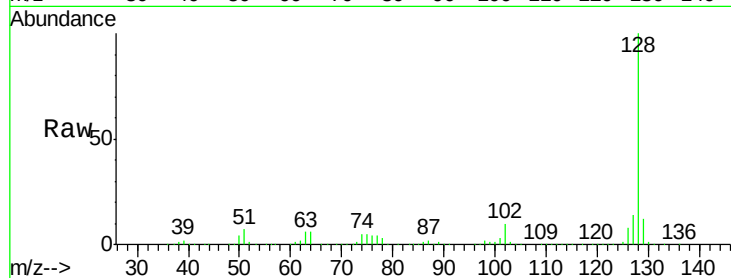
Tot Ion:128 Resp: 2735007

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

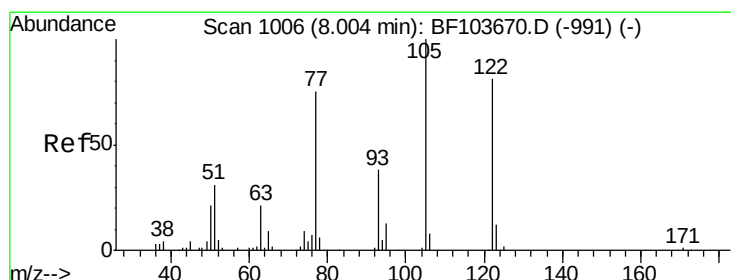
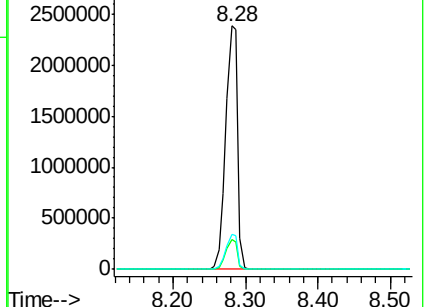
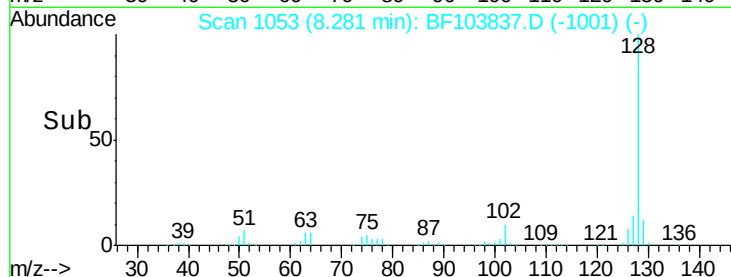
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.785 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

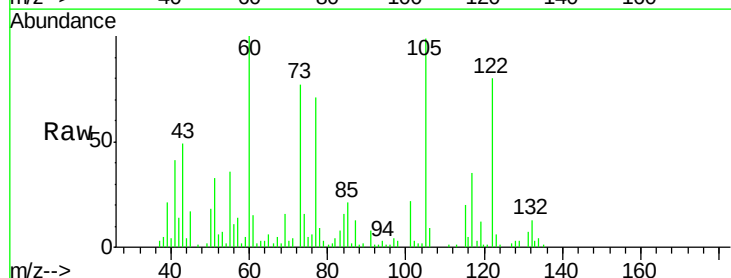
Tgt Ion:122 Resp: 62264

Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

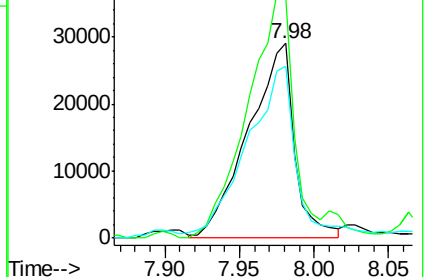
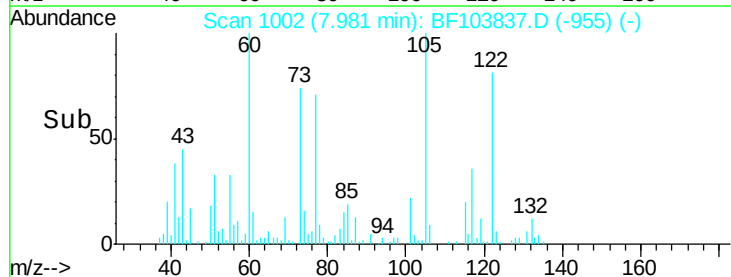
77 88.3 70.7 110.7

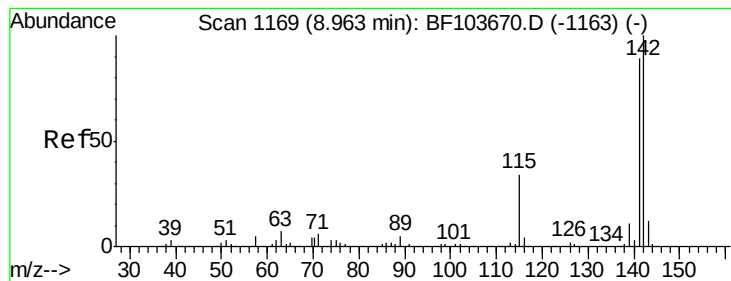


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 9.002 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

Instrument :

BNA_F

ClientSampleId :

BBDL

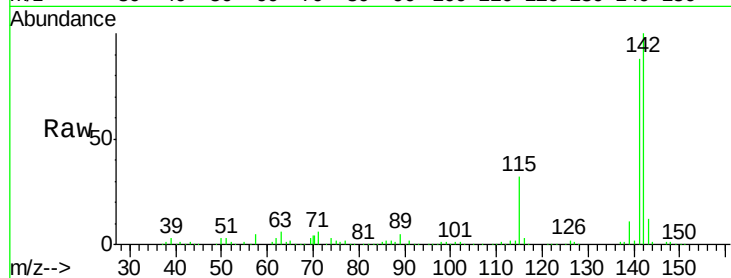
Tot Ion:142 Resp: 180225

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

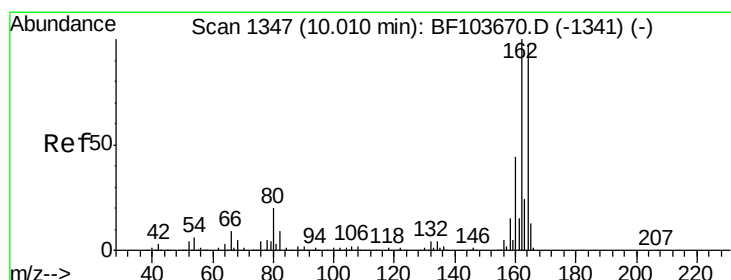
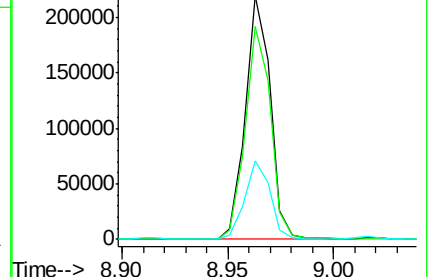
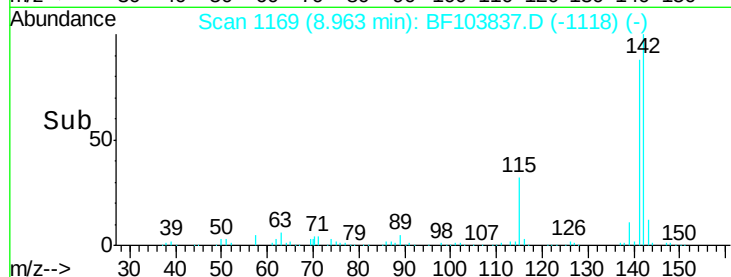
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103837.D

Acq: 21 Mar 2018 11:25

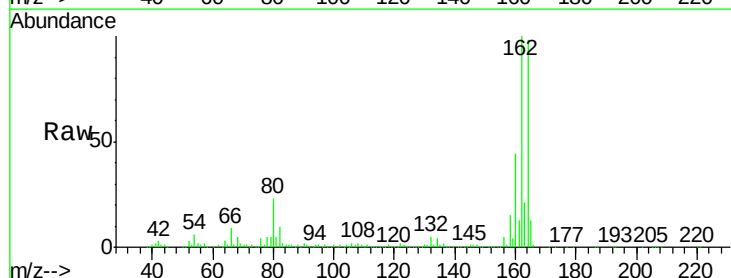
Tgt Ion:164 Resp: 274581

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

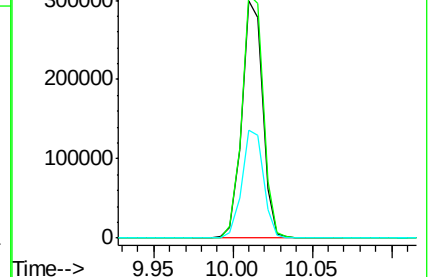
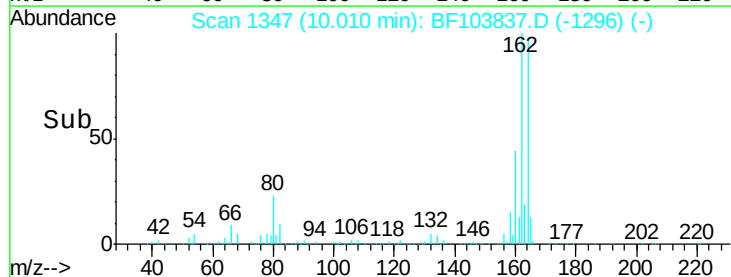
160 45.3 38.3 57.5

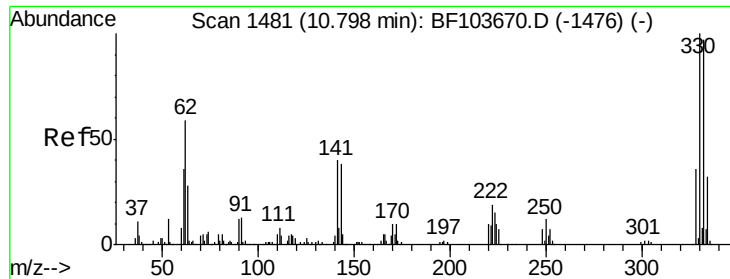


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

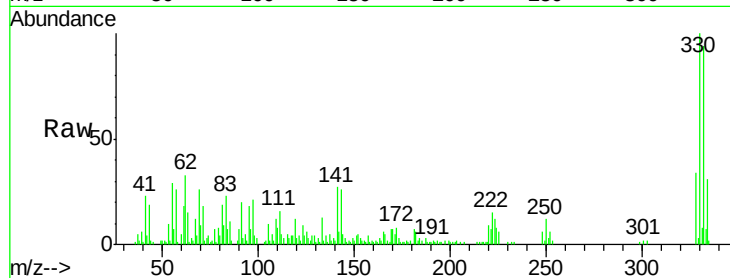




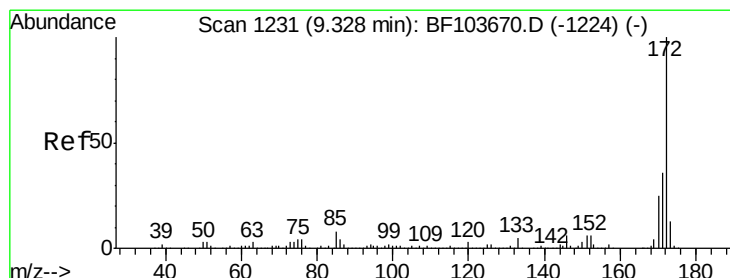
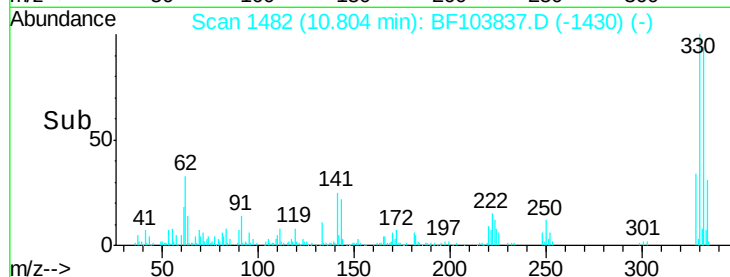
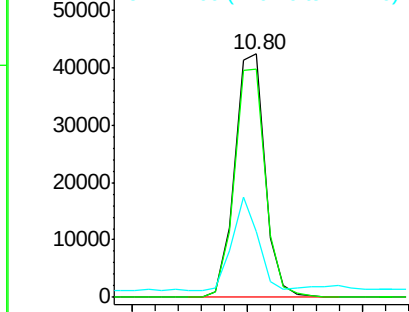
#41
 2,4,6-Tribromophenol
 Concen: 16.491 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103837.D
 Acq: 21 Mar 2018 11:25

Instrument :
 BNA_F
 ClientSampled :
 BBDL

Tot Ion:330 Resp: 38934
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.3 29.9 44.9

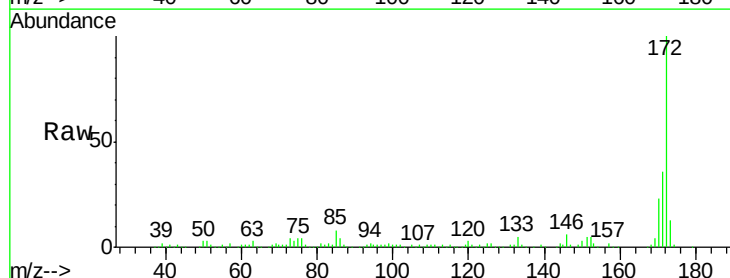


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

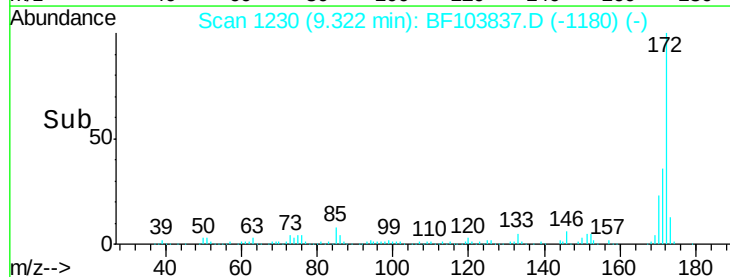
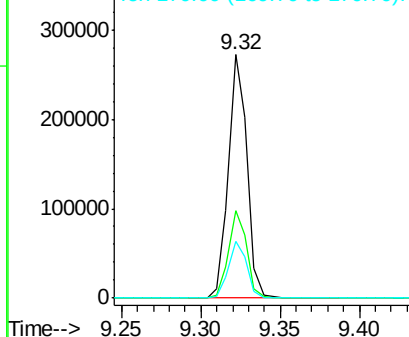


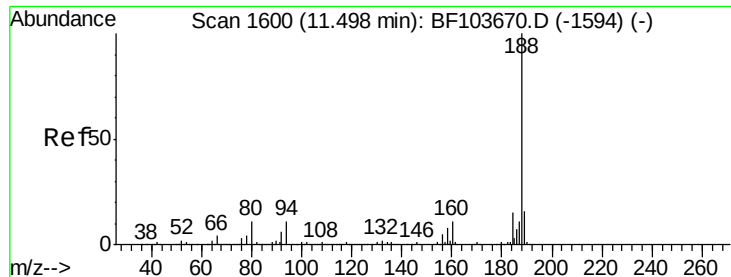
#44
 2-Fluorobiphenyl
 Concen: 12.811 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103837.D
 Acq: 21 Mar 2018 11:25

Tgt Ion:172 Resp: 220525
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.1 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

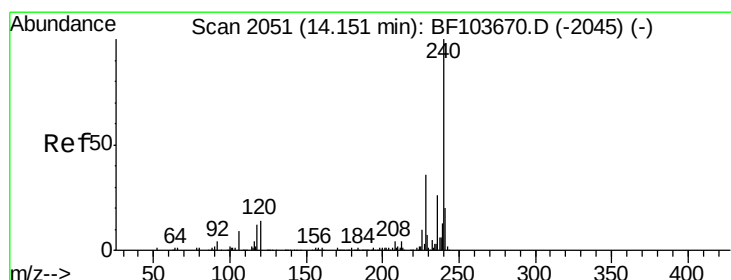
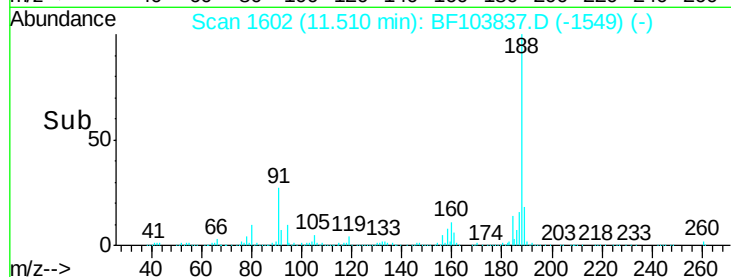
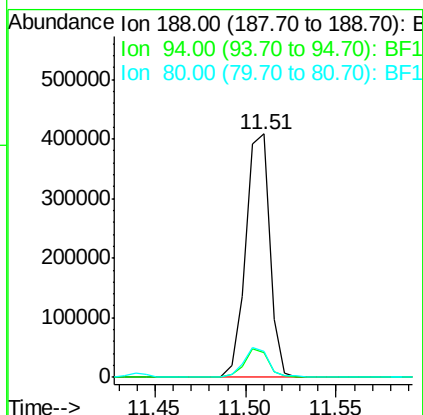
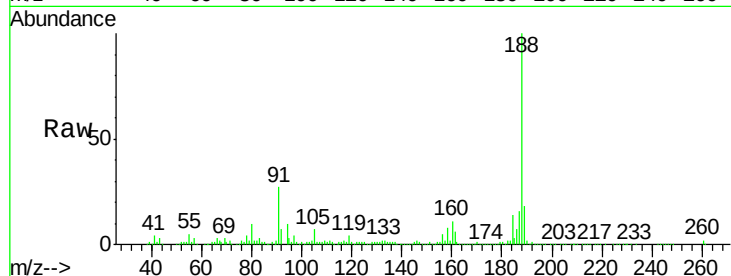




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

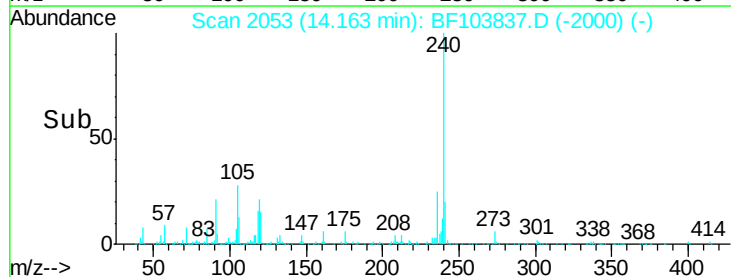
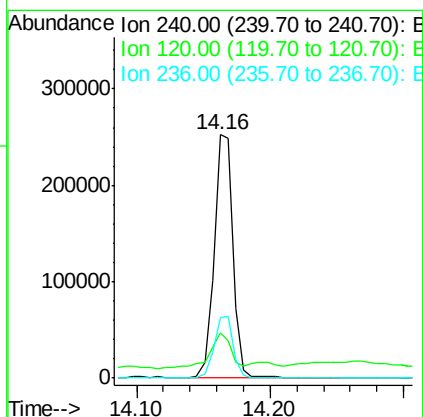
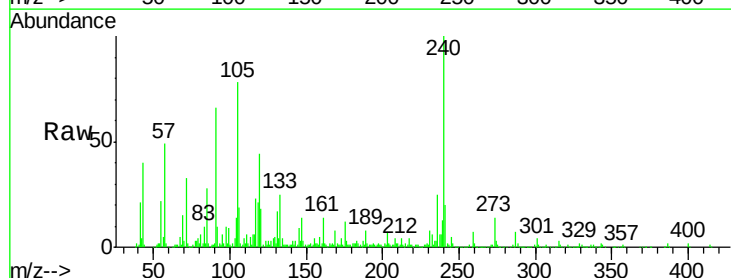
Instrument :
BNA_F
ClientSampleId :
BBDL

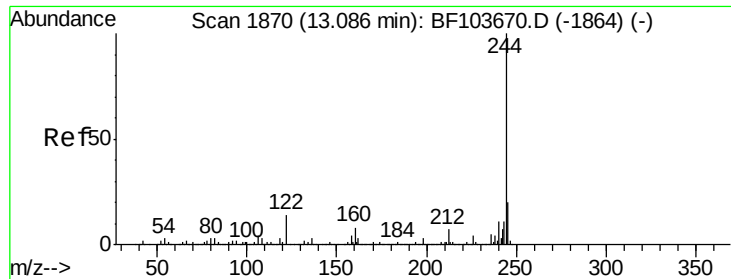
Tot Ion:188 Resp: 376853
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:240 Resp: 248572
Ion Ratio Lower Upper
240 100
120 18.4 9.5 14.3#
236 25.0 20.7 31.1

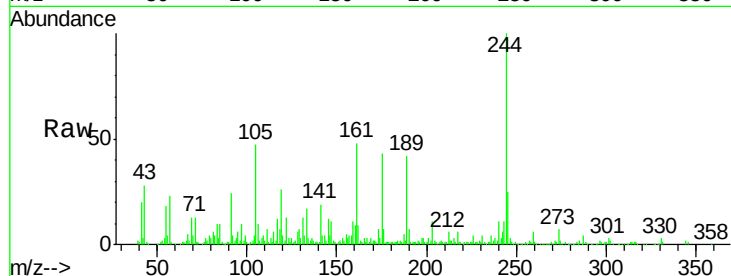




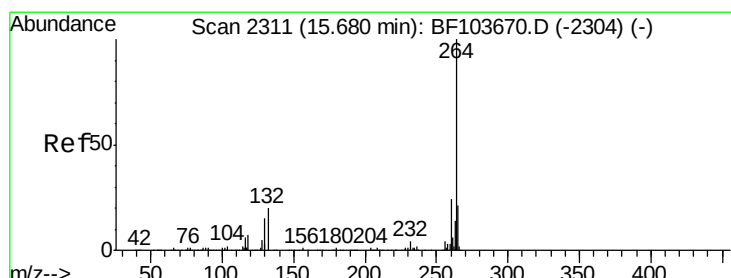
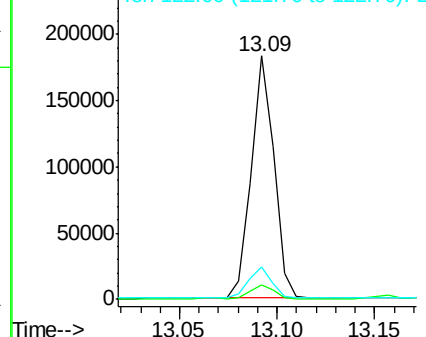
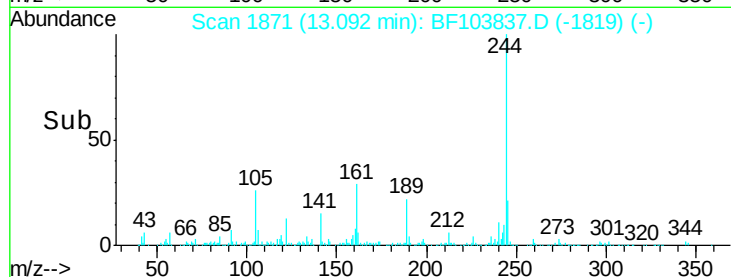
#78
 Terphenyl-d14
 Concen: 13.844 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103837.D
 Acq: 21 Mar 2018 11:25

Instrument :
 BNA_F
 ClientSampled :
 BBDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	13.5	11.0	16.4

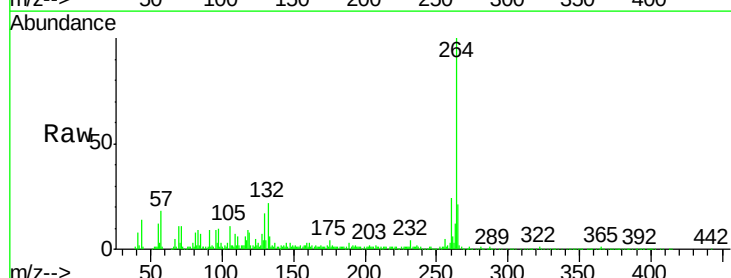


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2317
 Delta R.T. 0.04 min
 Lab File: BF103837.D
 Acq: 21 Mar 2018 11:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	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

