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 Data File : BF103833.D
 Acq On : 21 Mar 2018 6:02
 Operator : JU/SJ
 Sample : J1975-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SW-CONCRETE

Quant Time: Mar 21 07:04:12 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

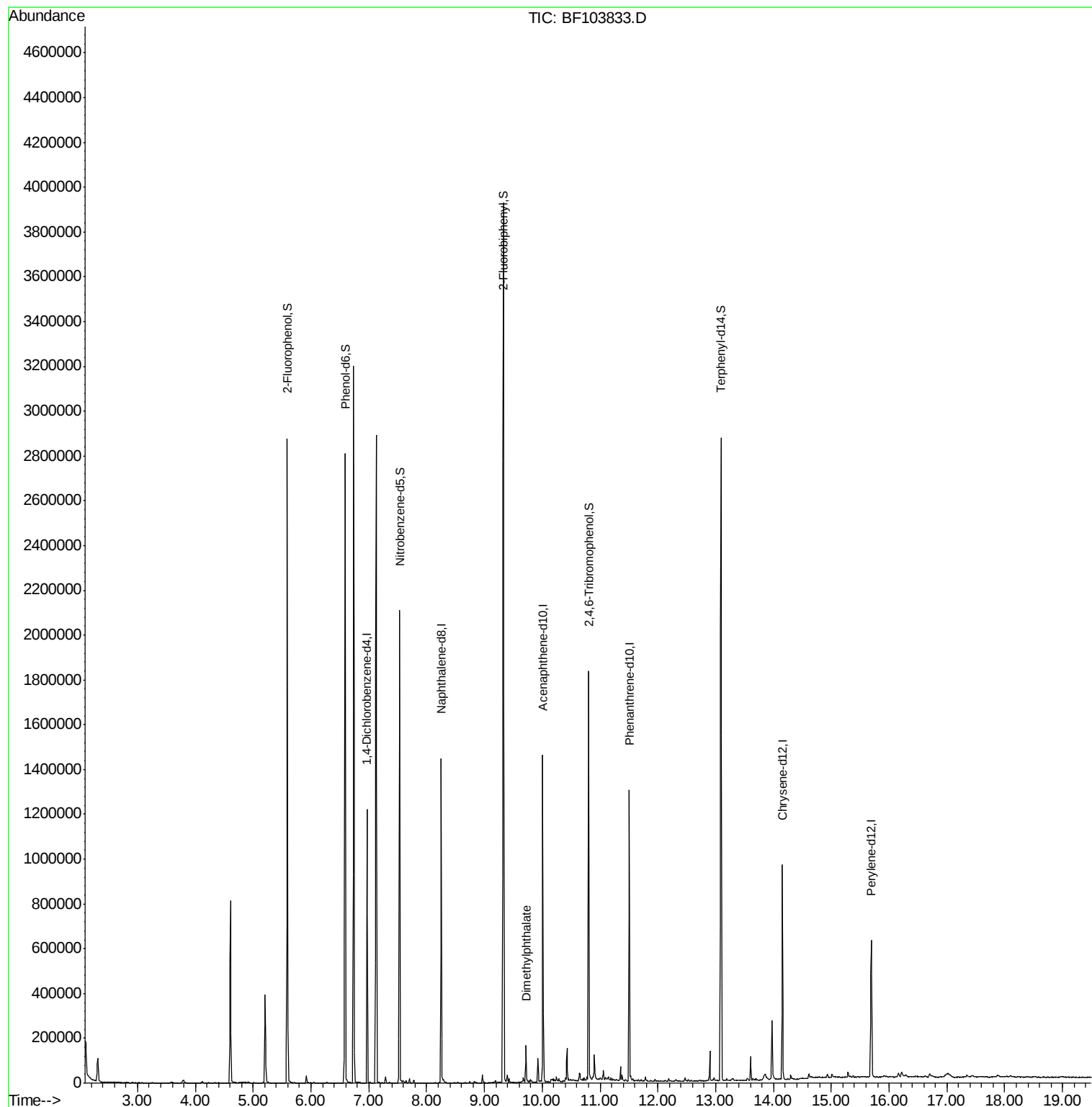
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161521	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	636080	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	276259	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	430241	20.00	ng	0.00
75) Chrysene-d12	14.16	240	311718	20.00	ng	0.00
86) Perylene-d12	15.69	264	260934	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	878764	82.75	ng	0.01
7) Phenol-d6	6.59	99	1101141	84.75	ng	0.00
23) Nitrobenzene-d5	7.53	82	681268	74.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217309	91.49	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1183611	68.34	ng	0.00
78) Terphenyl-d14	13.09	244	936013	69.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	53767	2.551	ng	99

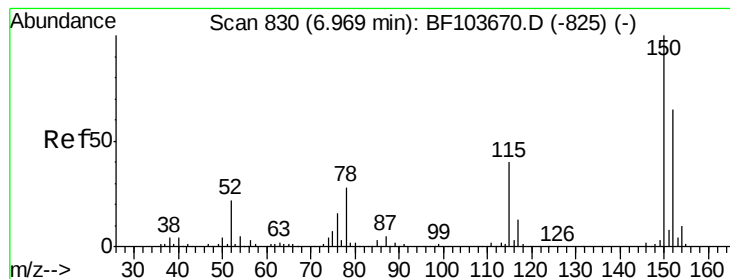
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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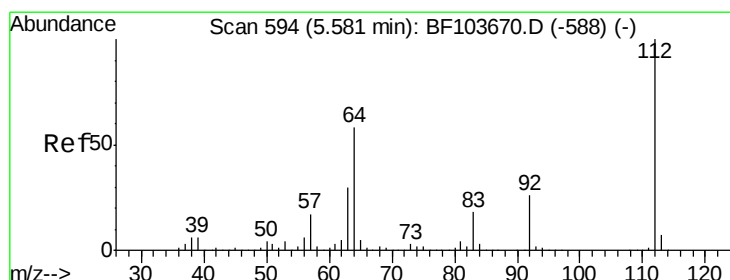
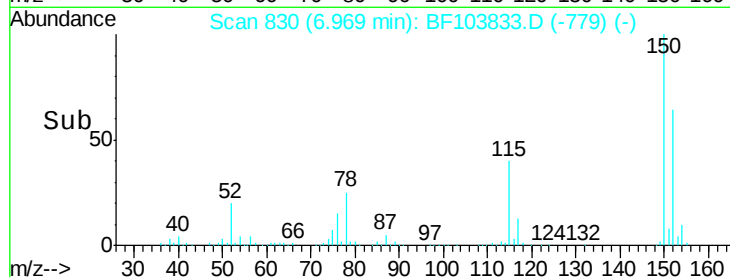
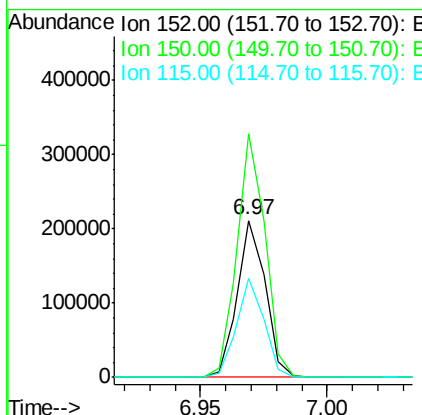
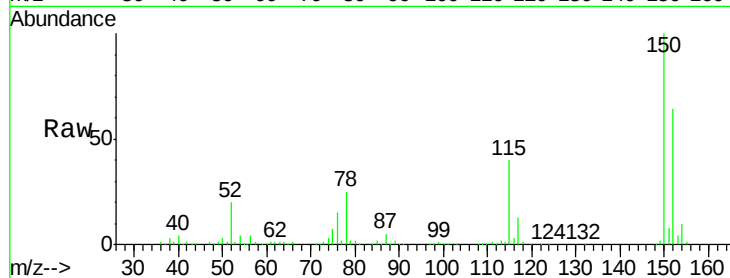


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Instrument :
BNA_F
ClientSampleId :
FS-SW-CONCRETE

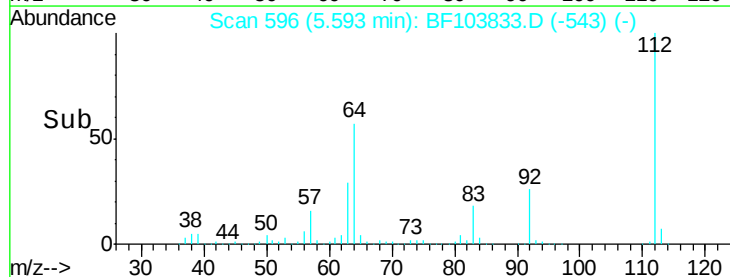
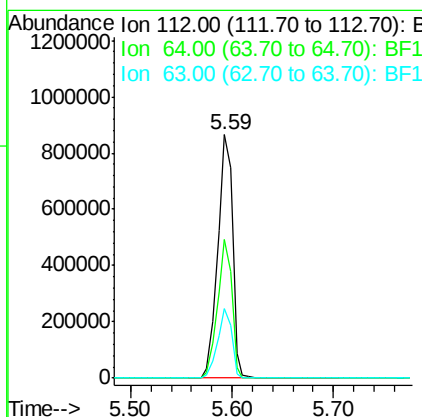
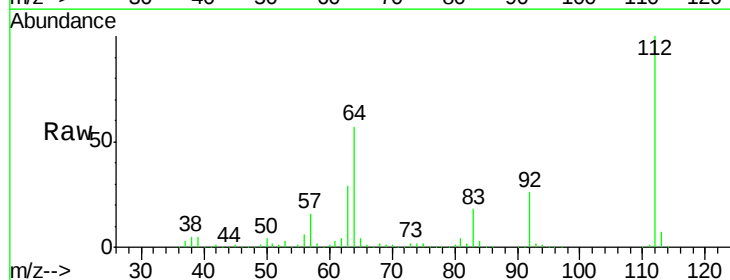
Tot Ion:152 Resp: 161521
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 62.9 50.1 75.1



#5

2-Fluorophenol
Concen: 82.751 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Tgt Ion:112 Resp: 878764
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 84.754 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

Instrument :

BNA_F

ClientSampleId :

FS-SW-CONCRETE

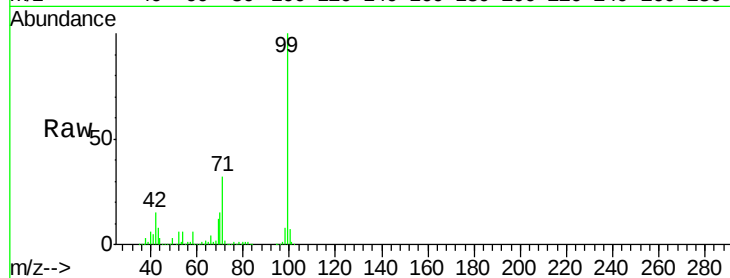
Tot Ion: 99 Resp: 1101141

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

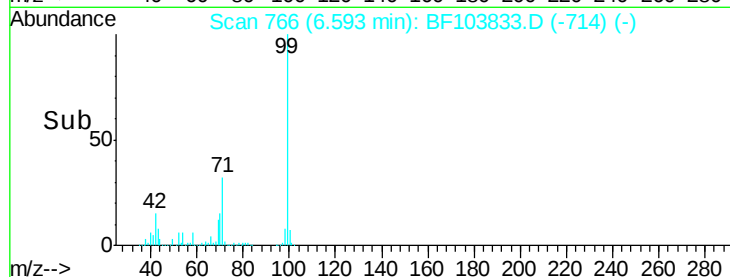
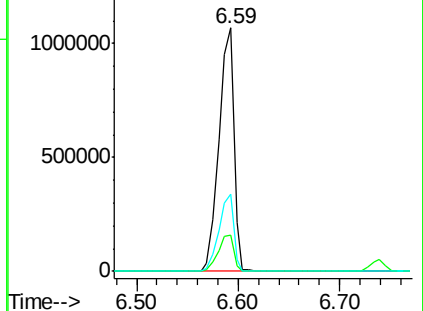
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

Tgt Ion: 136 Resp: 636080

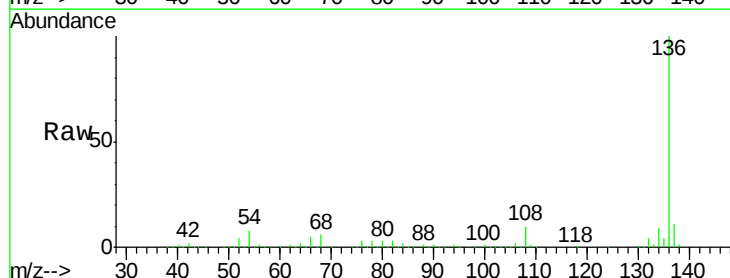
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.4 5.0 7.4

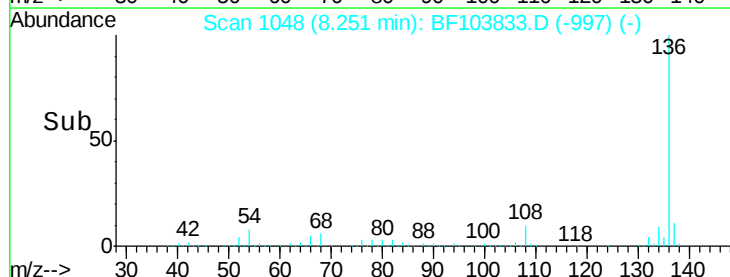
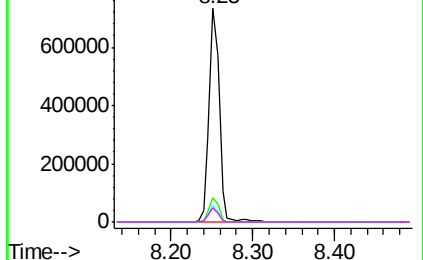


Abundance Ion 136.00 (135.70 to 136.70): E

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

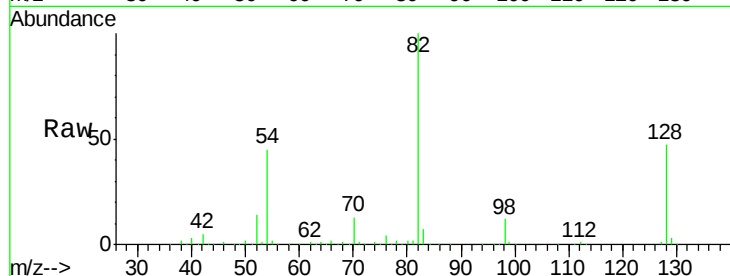




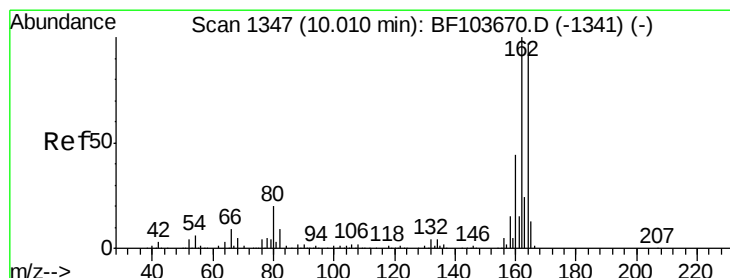
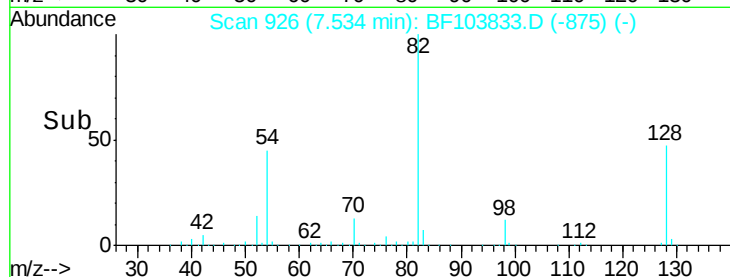
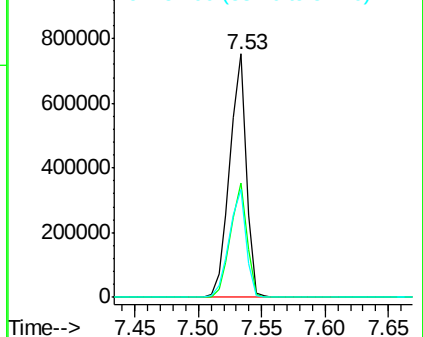
#23
 Nitrobenzene-d5
 Concen: 74.690 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Instrument :
 BNA_F
 ClientSampleId :
 FS-SW-CONCRETE

Tot Ion	82	Resp	681268
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.1	54.1
54	44.6	41.4	62.2

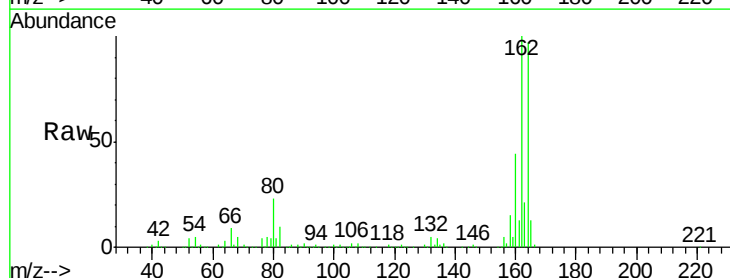


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

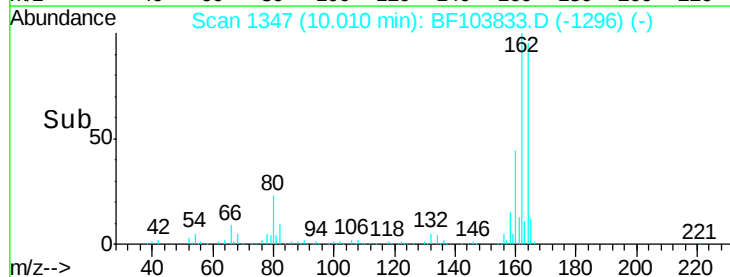
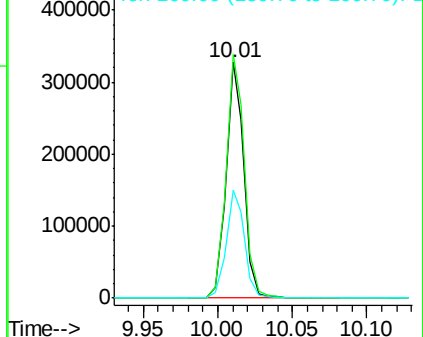


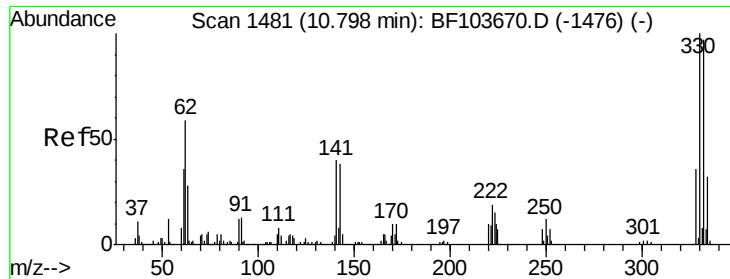
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion	164	Resp	276259
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

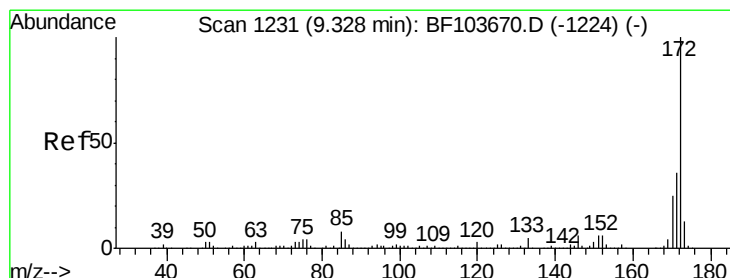
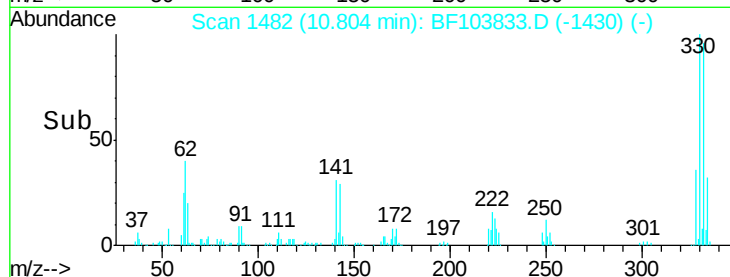
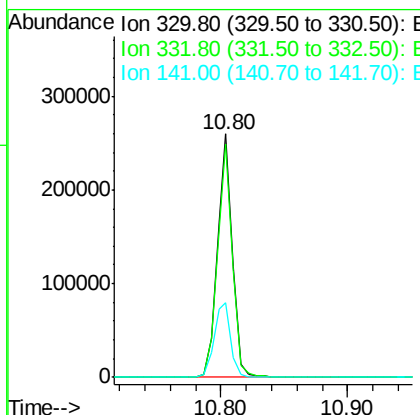
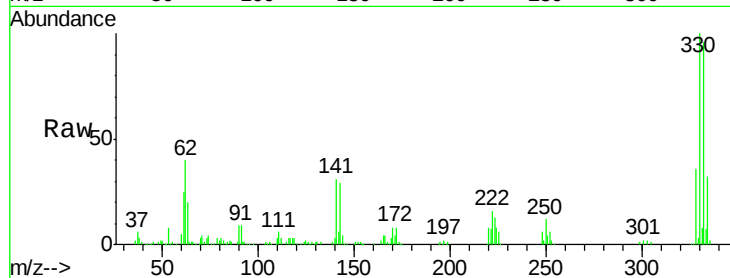




#41
 2,4,6-Tribromophenol
 Concen: 91.487 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

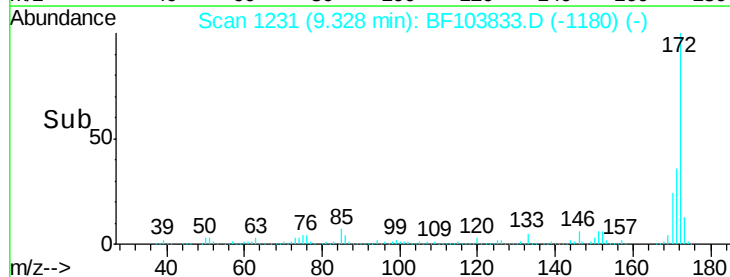
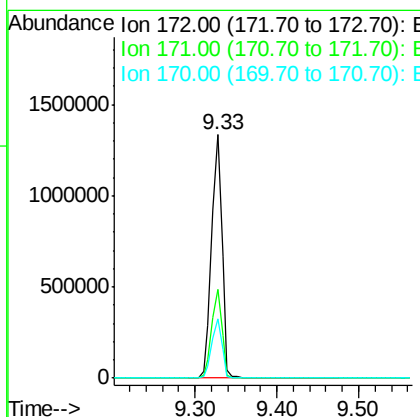
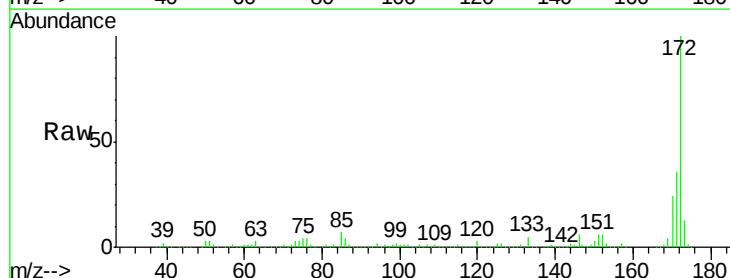
Instrument :
 BNA_F
 ClientSampleId :
 FS-SW-CONCRETE

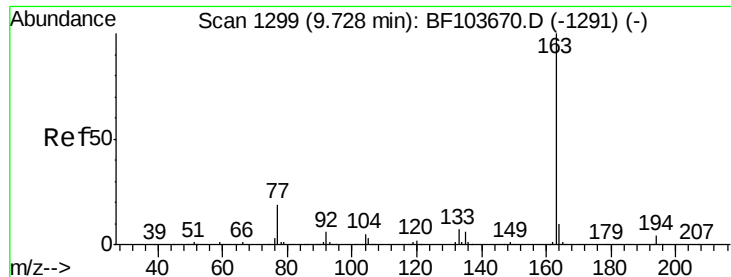
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.343 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103833.D
 Acq: 21 Mar 2018 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 2.551 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

Instrument :

BNA_F

ClientSampleId :

FS-SW-CONCRETE

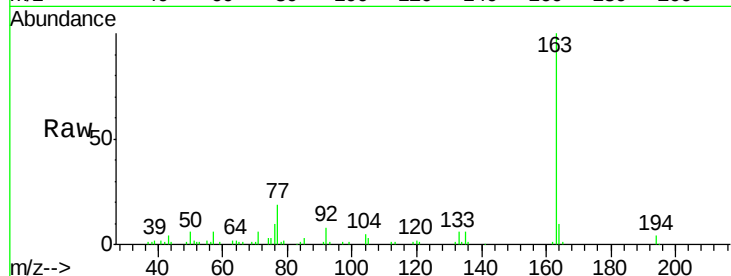
Tot Ion:163 Resp: 53767

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

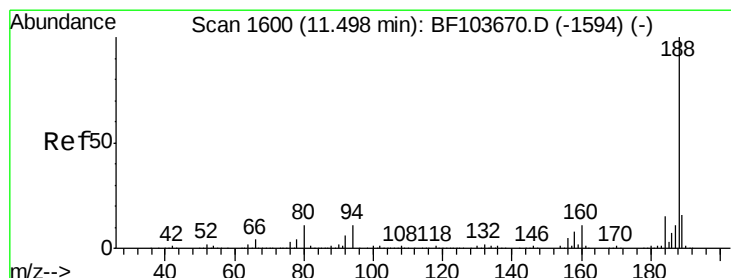
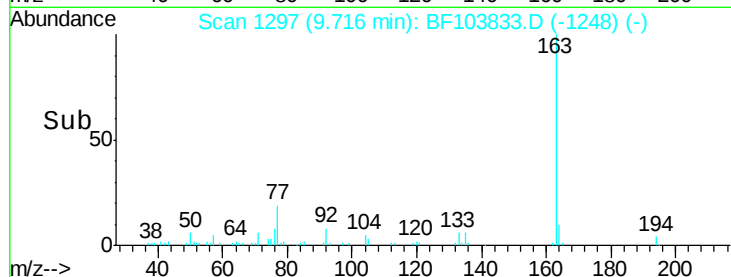
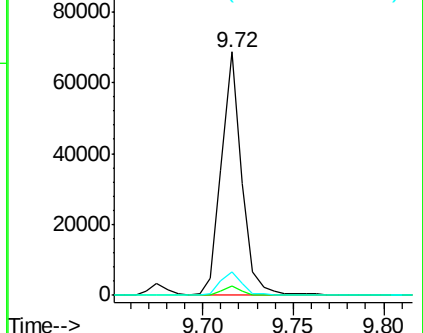
164 9.7 8.2 12.2



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: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103833.D

Acq: 21 Mar 2018 6:02

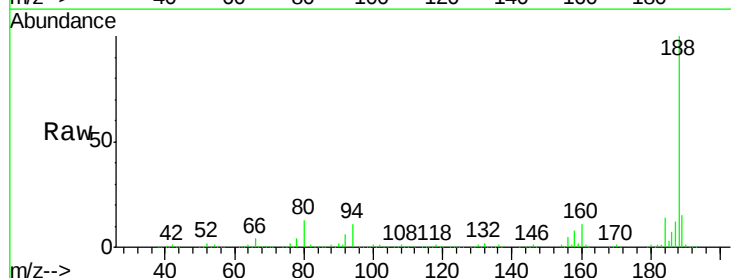
Tgt Ion:188 Resp: 430241

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

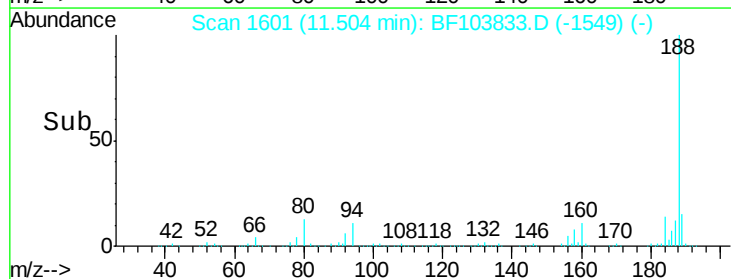
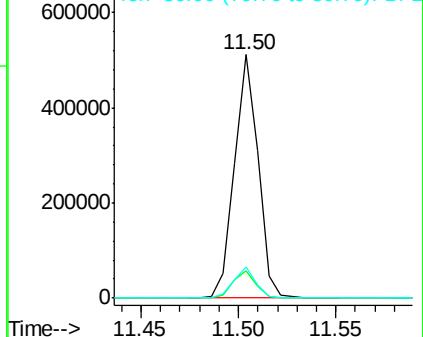
80 12.6 9.2 13.8

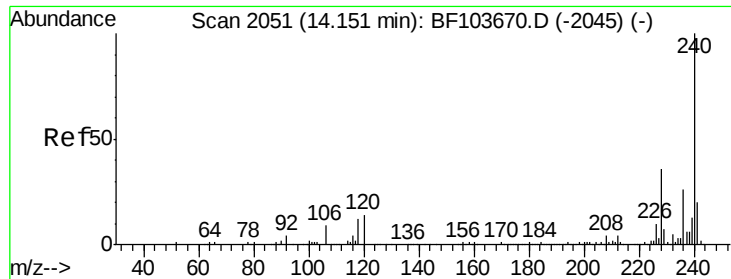


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

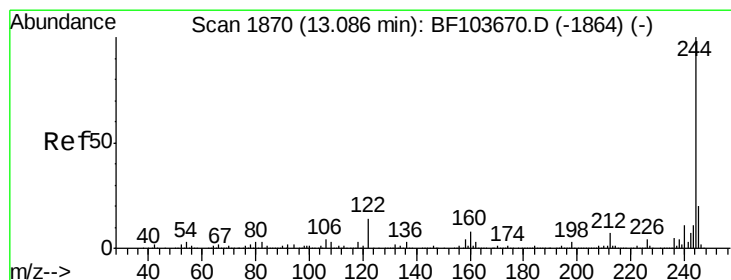
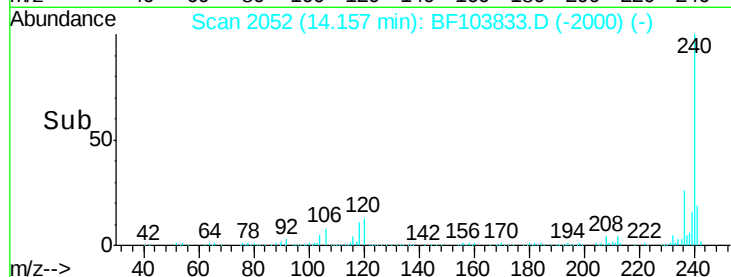
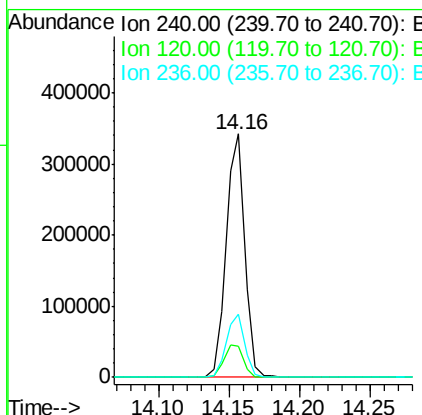
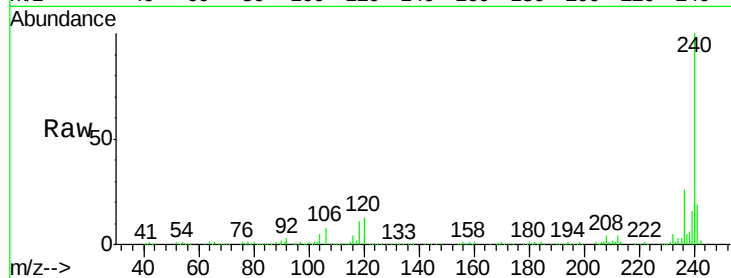




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

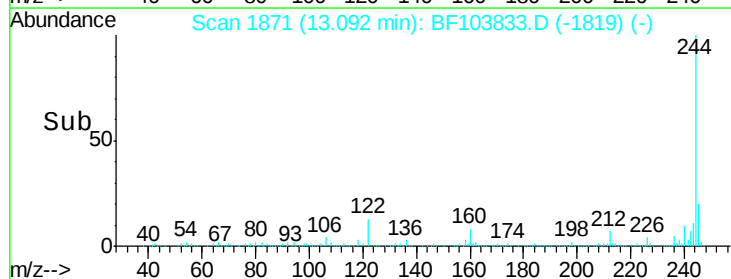
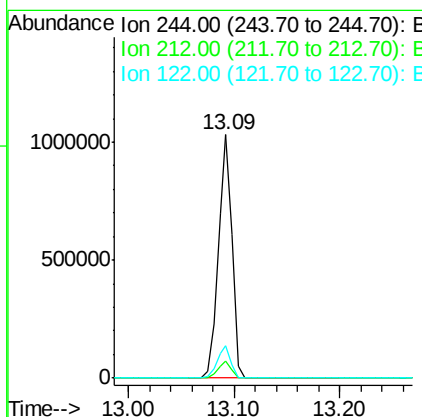
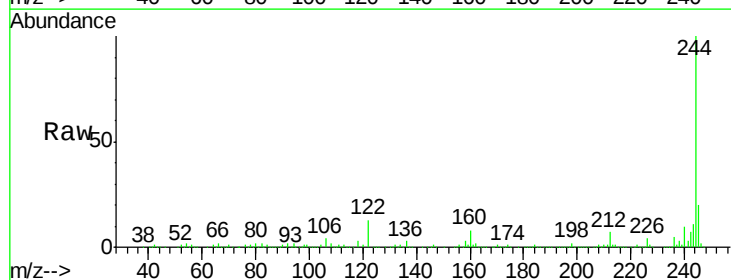
Instrument :
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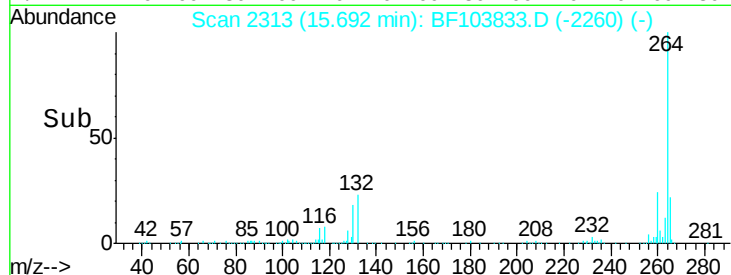
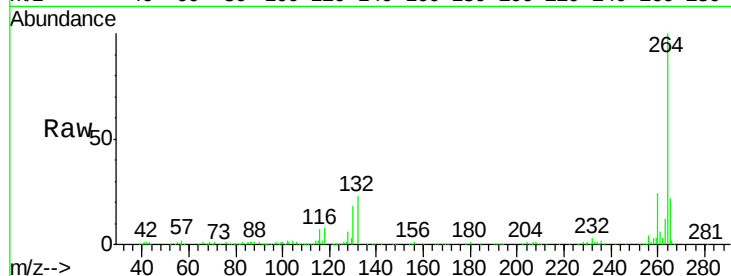
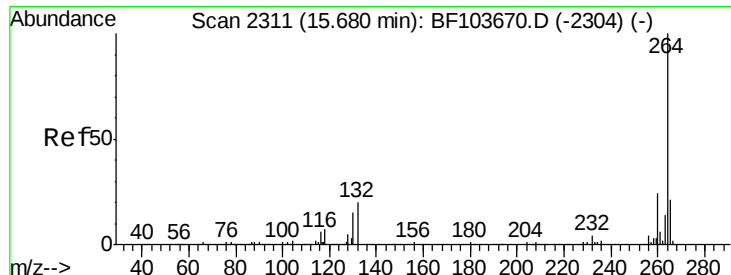
Tot Ion:240 Resp: 311718
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 69.698 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Tgt Ion:244 Resp: 936013
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103833.D
Acq: 21 Mar 2018 6:02

Instrument :
BNA_F
ClientSampleId :
FS-SW-CONCRETE

Tot Ion:	264	Resp:	260934
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

