

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033953.D
 Acq On : 24 Apr 2018 14:21
 Operator : SJ/JU
 Sample : J2503-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Apr 25 00:13:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	82412	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	328211	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	200631	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	499310	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	578557	20.00	ng	-0.02
86) Perylene-d12	24.52	264	593263	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	648546	125.64	ng	0.00
7) Phenol-d6	7.00	99	758663	100.77	ng	0.00
23) Nitrobenzene-d5	8.98	82	581896	100.90	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	379737	162.23	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1314222	96.23	ng	-0.02
78) Terphenyl-d14	19.85	244	2283261	88.66	ng	-0.02

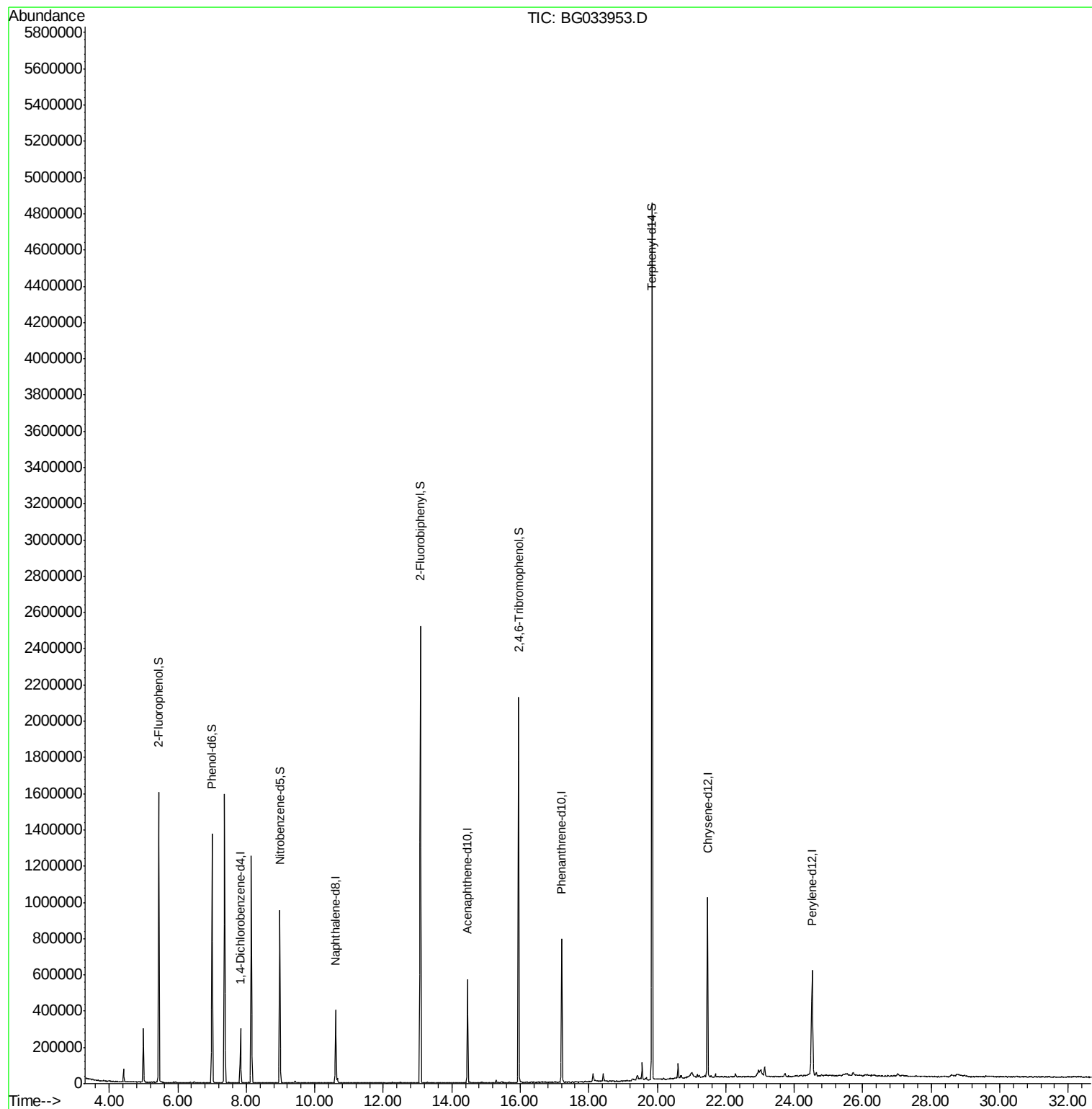
Target Compounds Qvalue

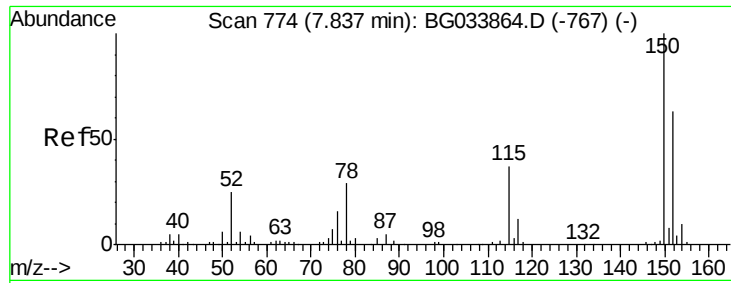
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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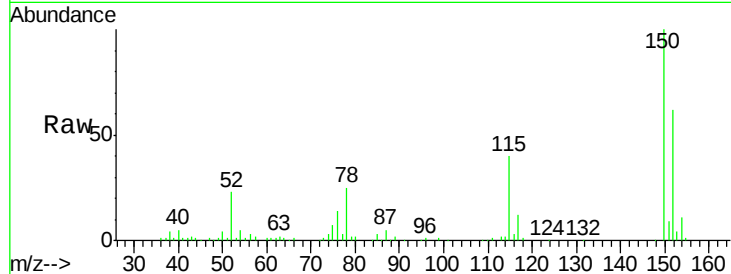


#1

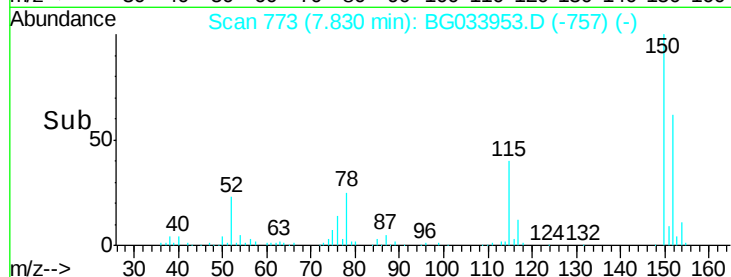
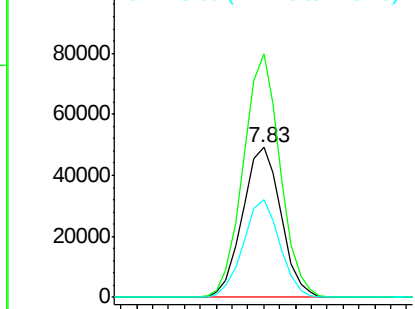
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033953.D
Acq: 24 Apr 2018 14:21

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 82412
Ion Ratio Lower Upper
152 100
150 162.4 126.6 189.8
115 64.8 53.0 79.4



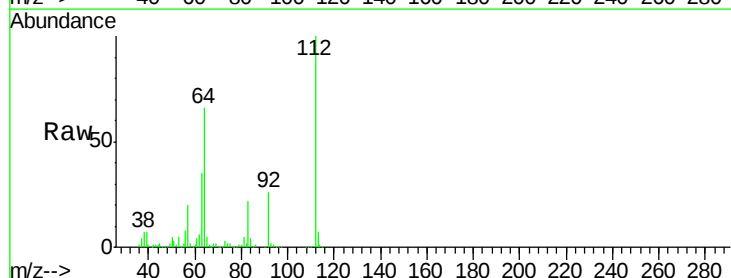
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



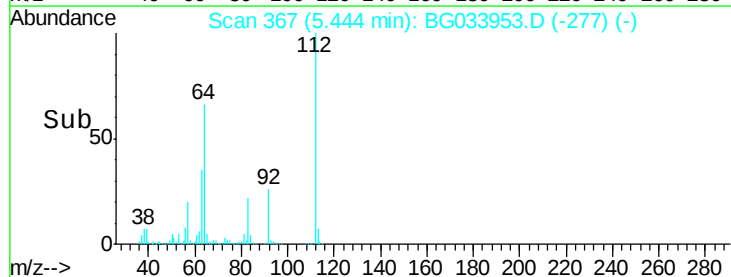
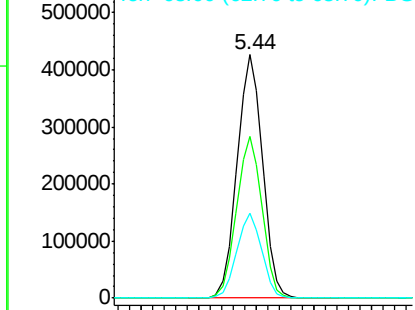
#5

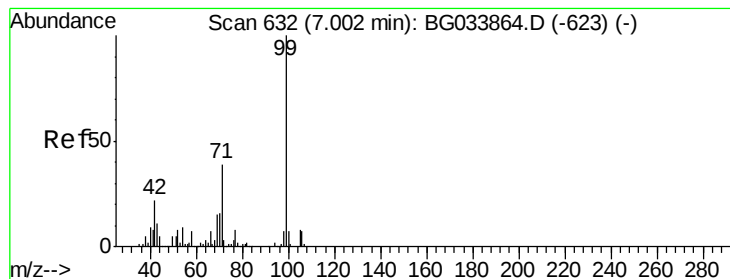
2-Fluorophenol
Concen: 125.640 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033953.D
Acq: 24 Apr 2018 14:21

Tgt Ion:112 Resp: 648546
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 35.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.766 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

Instrument :

BNA_G

ClientSampleId :

CONCRETE

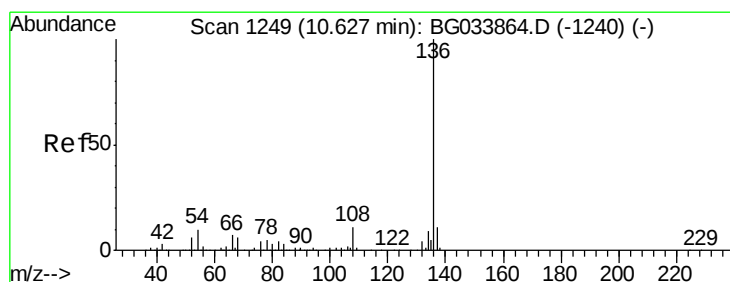
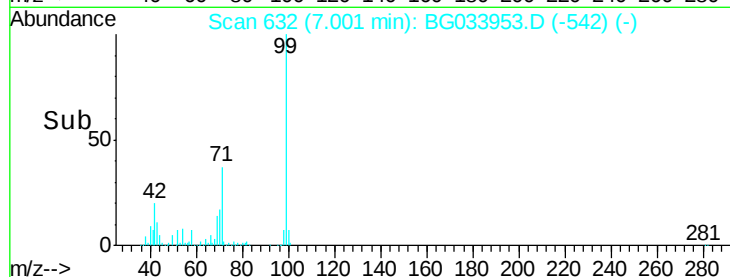
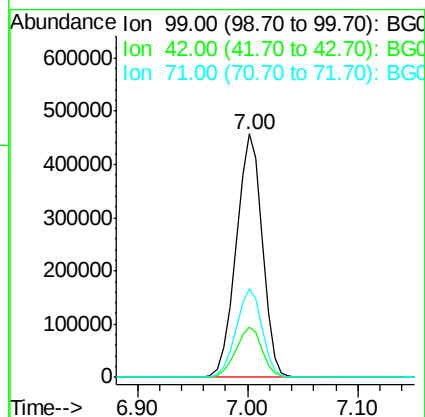
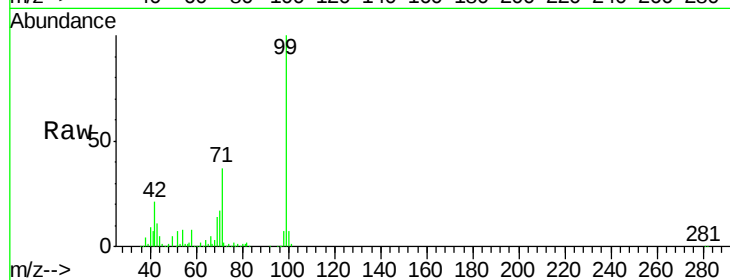
Tot Ion: 99 Resp: 758663

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 36.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

Tgt Ion: 136 Resp: 328211

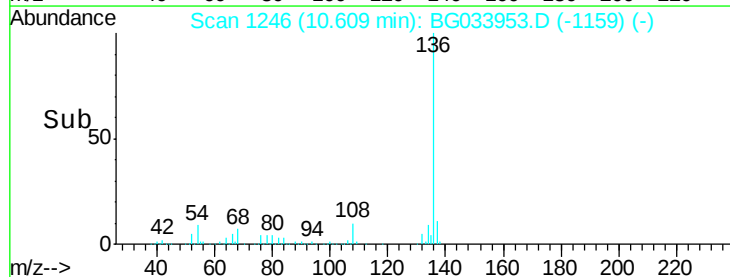
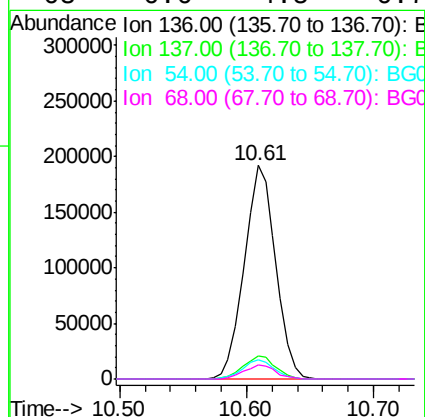
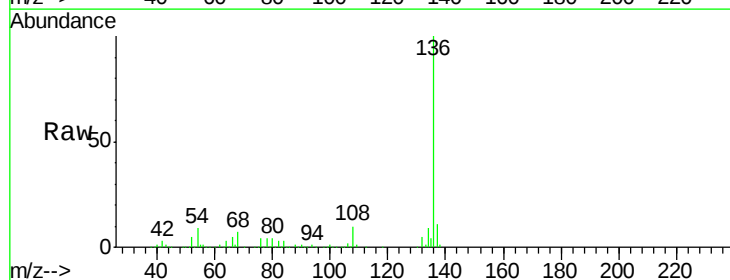
Ion Ratio Lower Upper

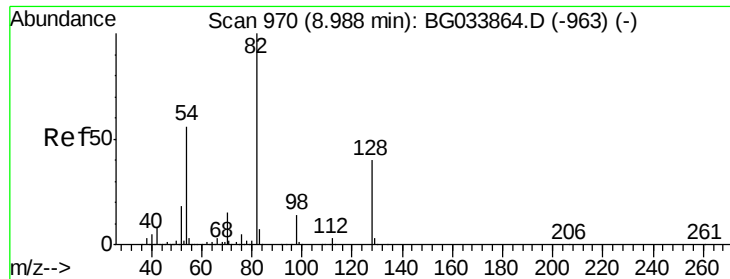
136 100

137 11.0 9.2 13.8

54 9.2 10.3 15.5#

68 6.6 4.5 6.7

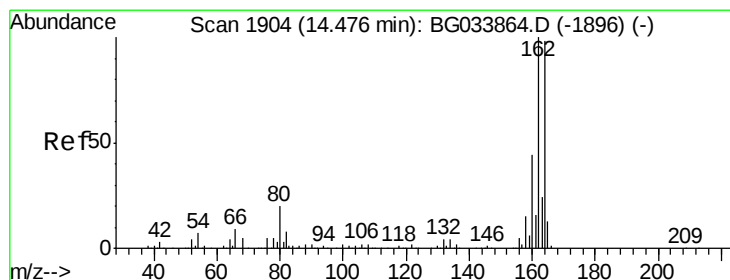
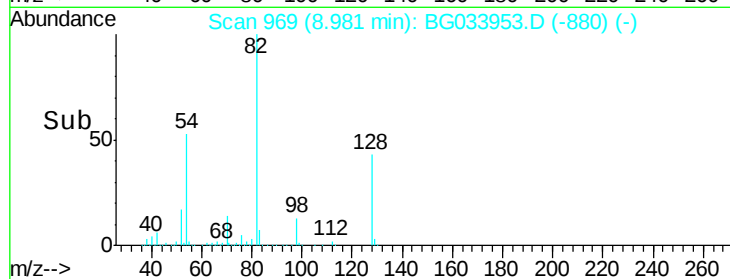
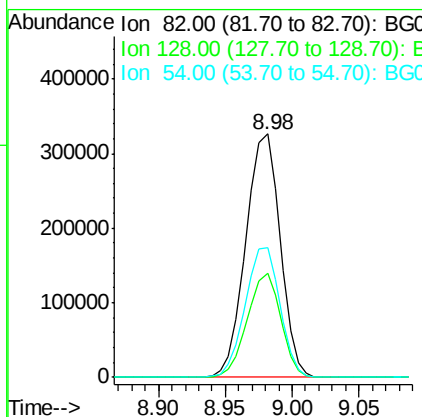
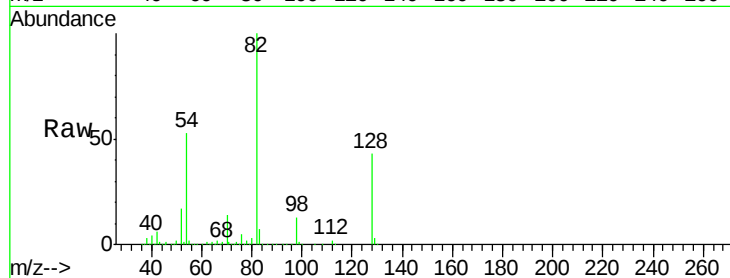




#23
 Nitrobenzene-d5
 Concen: 100.897 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033953.D
 Acq: 24 Apr 2018 14:21

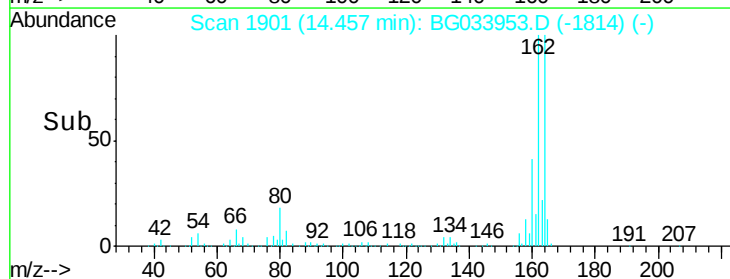
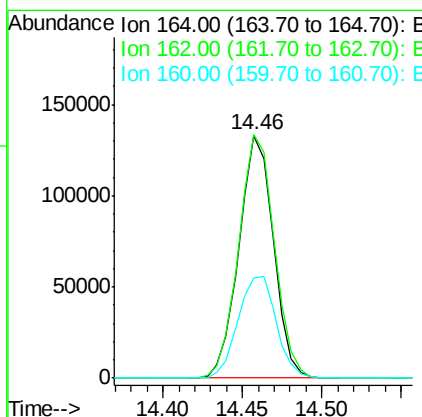
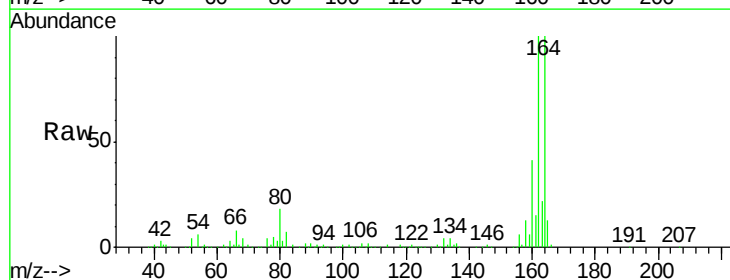
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

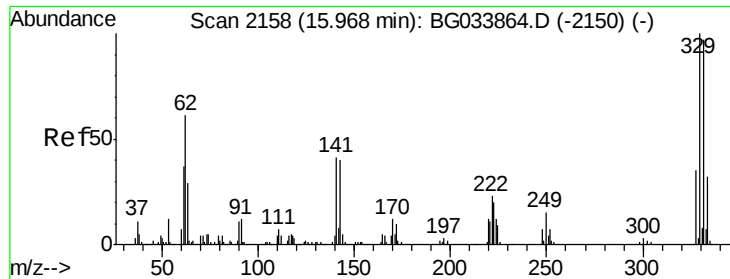
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	53.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033953.D
 Acq: 24 Apr 2018 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	41.3	35.4	53.0

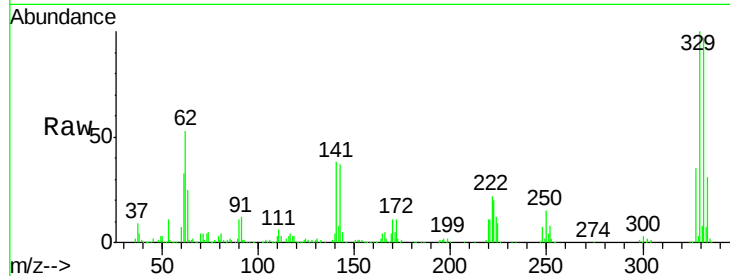




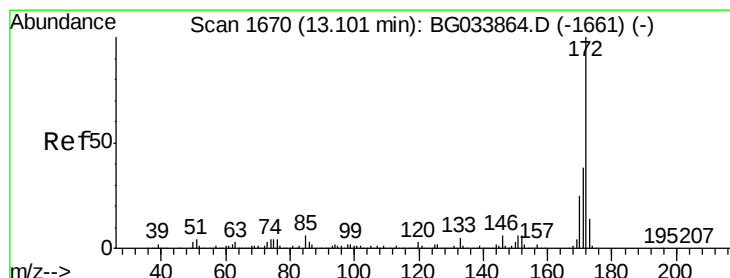
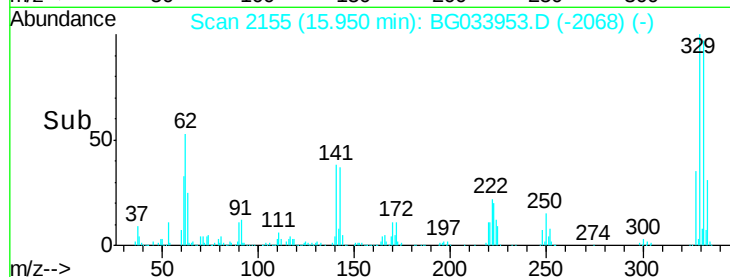
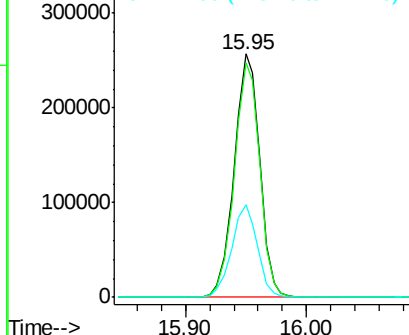
#41
 2,4,6-Tribromophenol
 Concen: 162.234 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033953.D
 Acq: 24 Apr 2018 14:21

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.9	25.2	37.8#

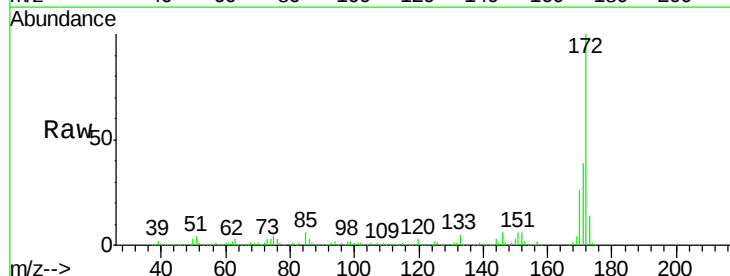


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

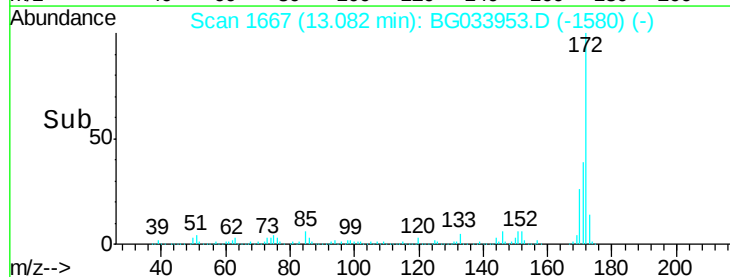
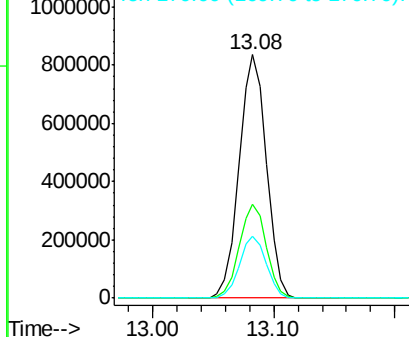


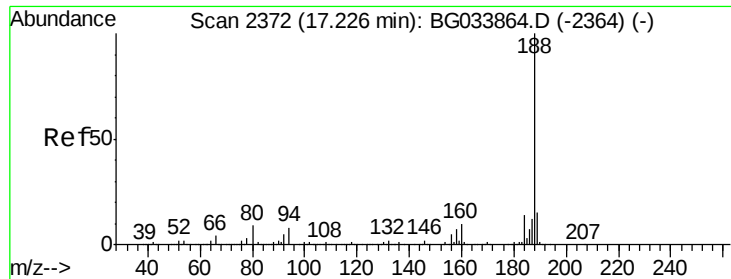
#44
 2-Fluorobiphenyl
 Concen: 96.228 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033953.D
 Acq: 24 Apr 2018 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.5	19.5	29.3



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: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

Instrument :

BNA_G

ClientSampleId :

CONCRETE

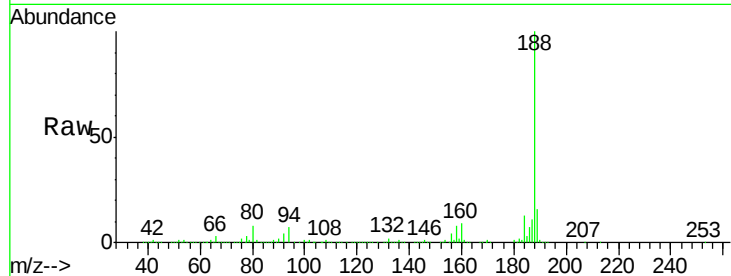
Tot Ion:188 Resp: 499310

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.4	7.7	11.5

188 100

94 7.4 6.9 10.3

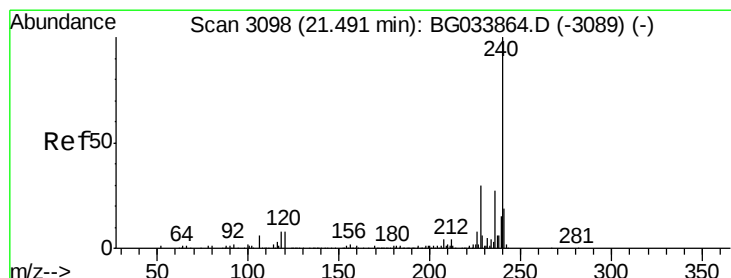
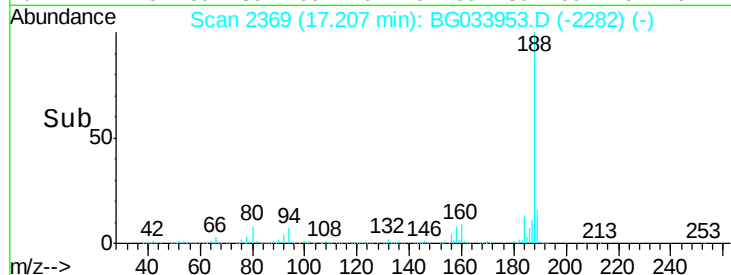
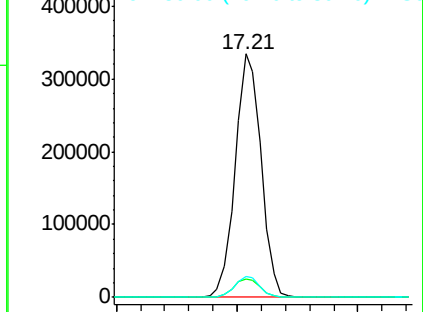
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

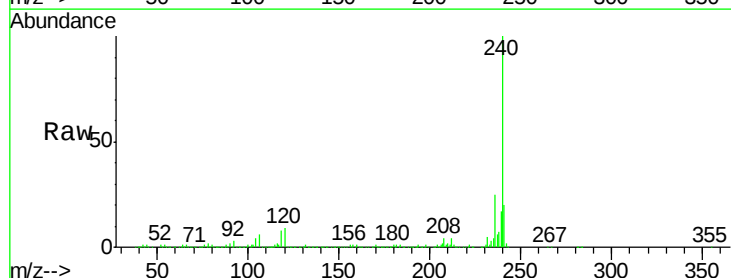
Tgt Ion:240 Resp: 578557

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	25.3	20.9	31.3

240 100

120 9.1 6.8 10.2

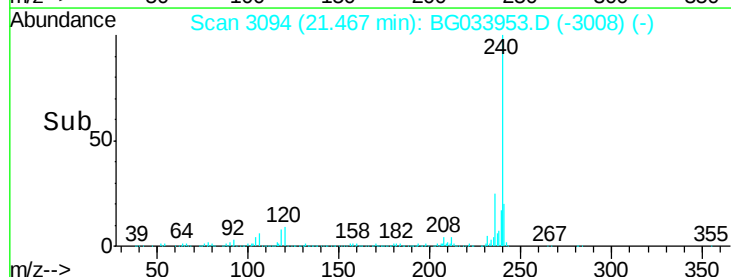
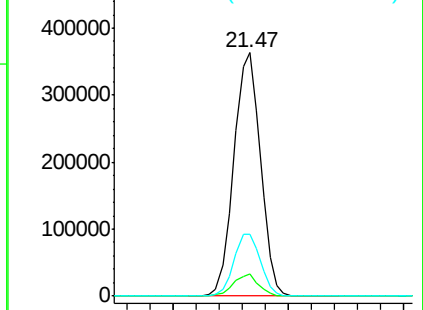
236 25.3 20.9 31.3

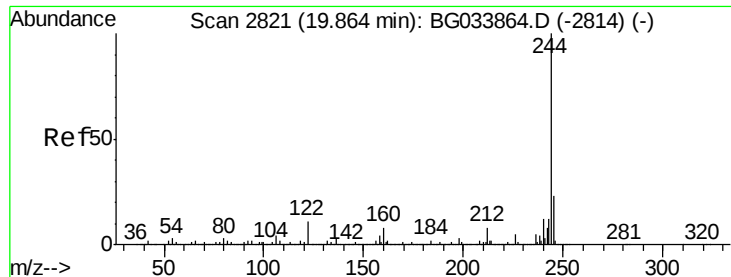


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.662 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

Instrument :

BNA_G

ClientSampleId :

CONCRETE

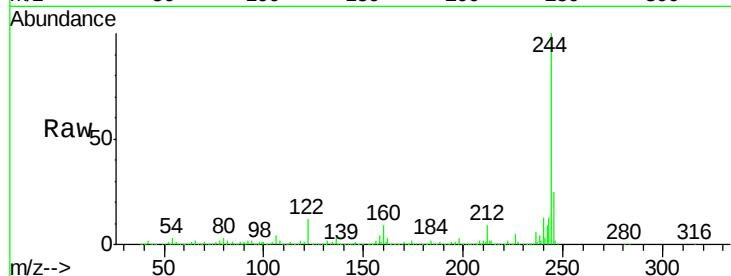
Tot Ion:244 Resp: 2283261

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

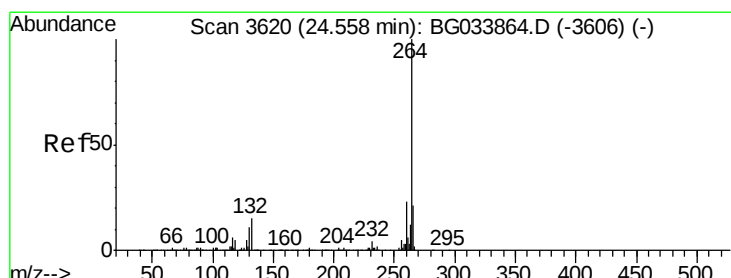
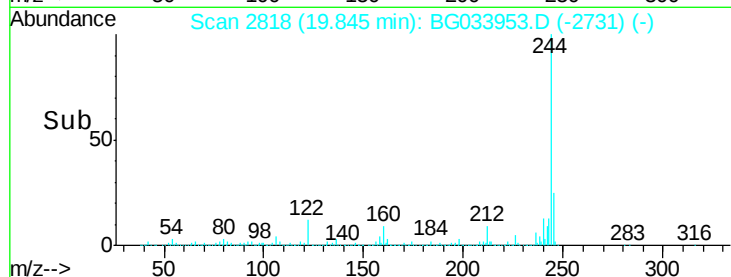
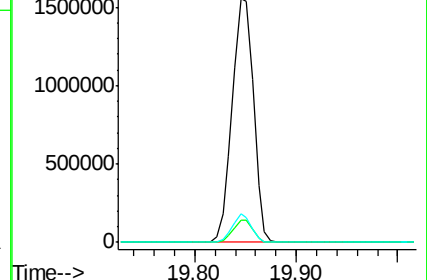
122 11.6 7.0 10.4#



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033953.D

Acq: 24 Apr 2018 14:21

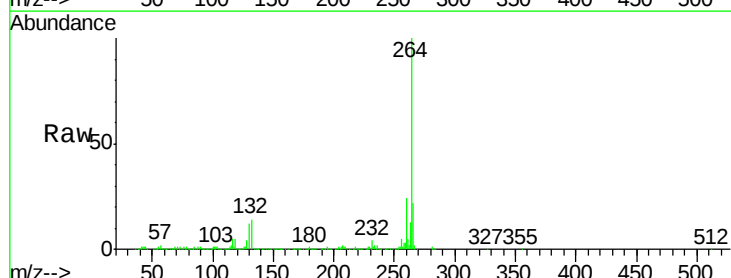
Tgt Ion:264 Resp: 593263

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.4 17.7 26.5



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

