

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032834.D
 Acq On : 26 Feb 2018 23:25
 Operator : SJ/JU
 Sample : J1686-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-CONCRETE

Quant Time: Feb 27 03:46:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	64820	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	279776	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	159064	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	378384	20.00	ng	0.00
75) Chrysene-d12	22.62	240	359251	20.00	ng	-0.01
86) Perylene-d12	26.44	264	372360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	527318	130.15	ng	0.00
7) Phenol-d6	8.02	99	625108	110.69	ng	0.00
23) Nitrobenzene-d5	10.12	82	443846	107.16	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	263319	157.44	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	995024	90.22	ng	0.00
78) Terphenyl-d14	20.79	244	1533334	95.89	ng	0.00

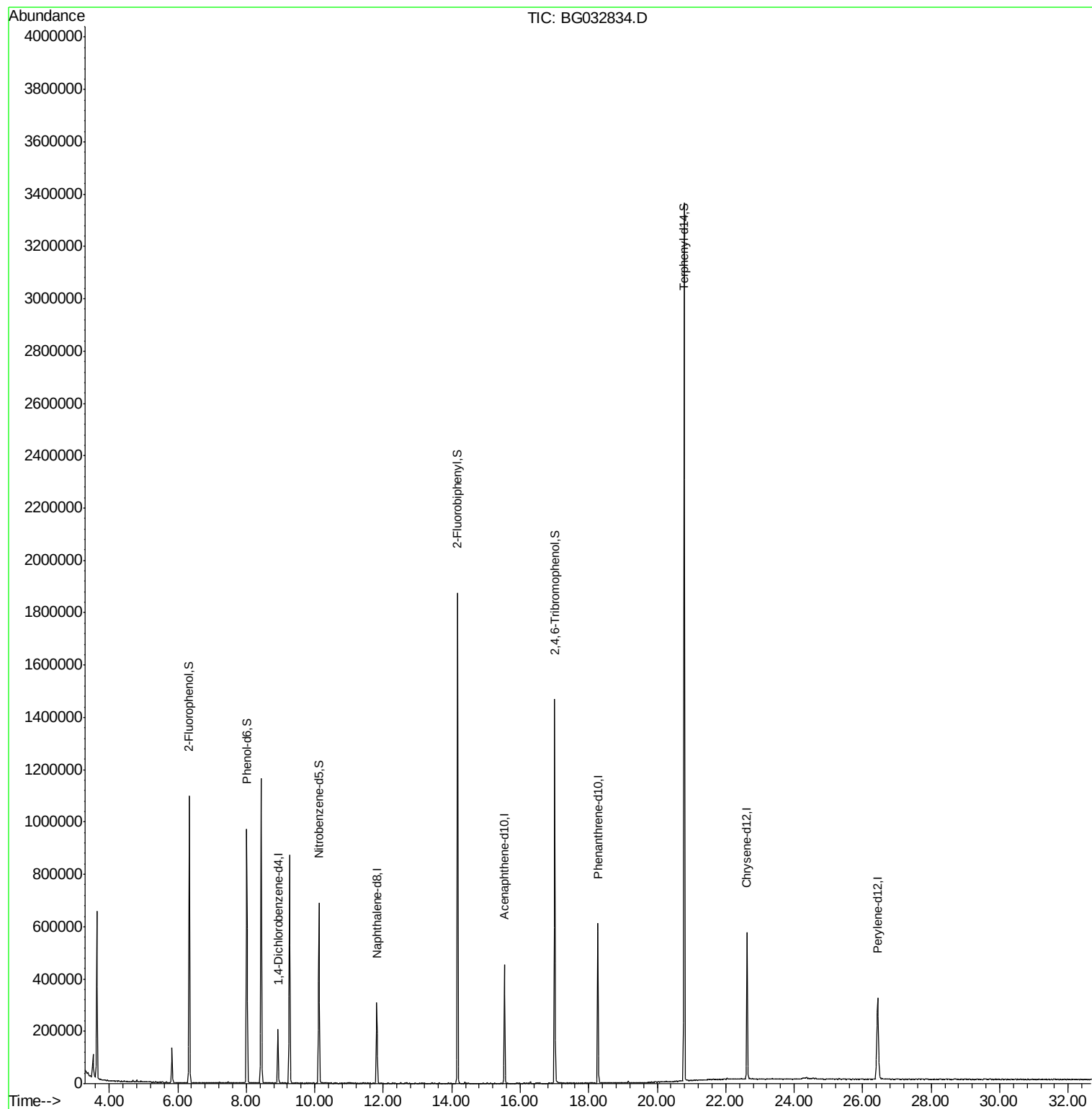
Target Compounds Qvalue

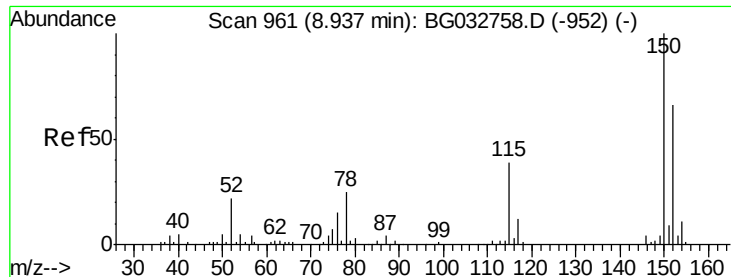
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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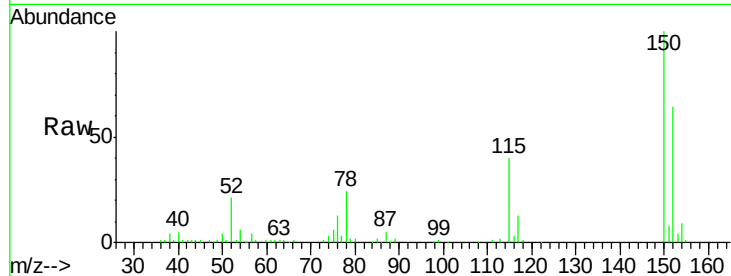


#1

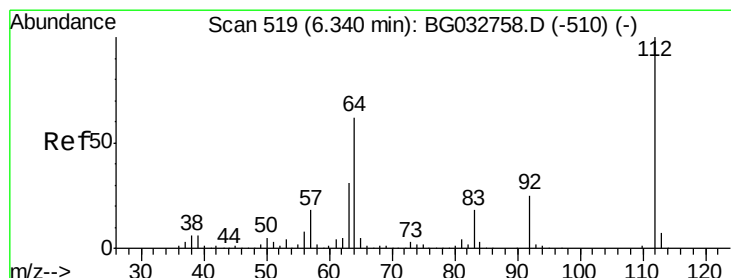
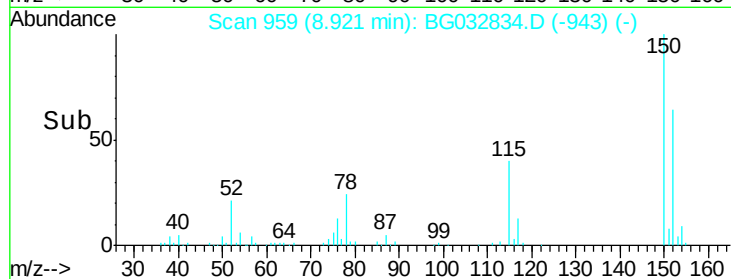
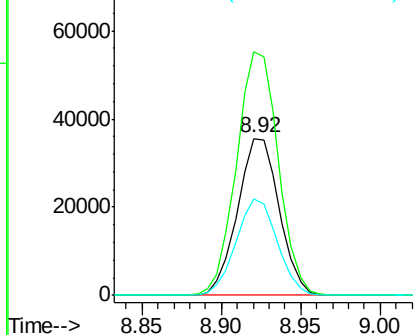
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032834.D
Acq: 26 Feb 2018 23:25

Instrument :
BNA_G
ClientSampleId :
T4-CONCRETE

Tot Ion:152 Resp: 64820
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 61.6 53.0 79.4



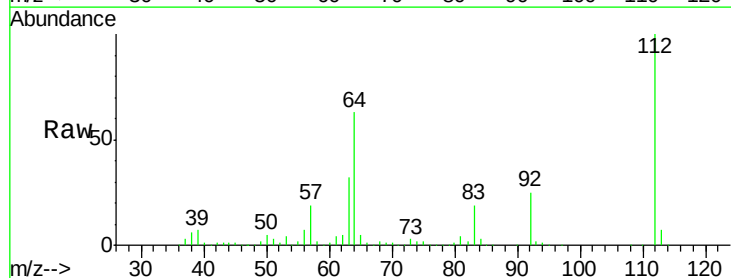
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



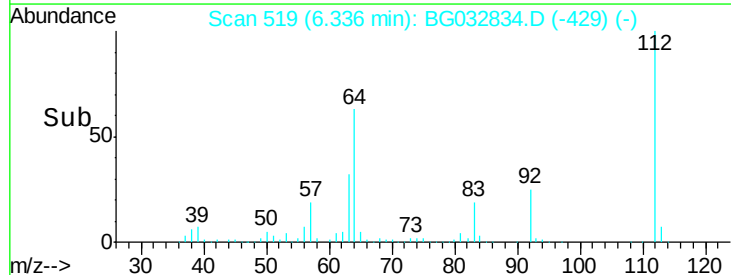
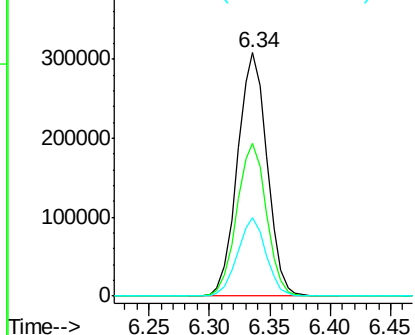
#5

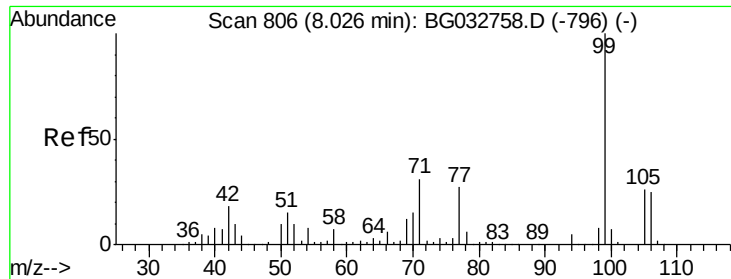
2-Fluorophenol
Concen: 130.150 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032834.D
Acq: 26 Feb 2018 23:25

Tgt Ion:112 Resp: 527318
Ion Ratio Lower Upper
112 100
64 62.5 56.3 84.5
63 32.2 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: 110.690 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

Instrument :

BNA_G

ClientSampleId :

T4-CONCRETE

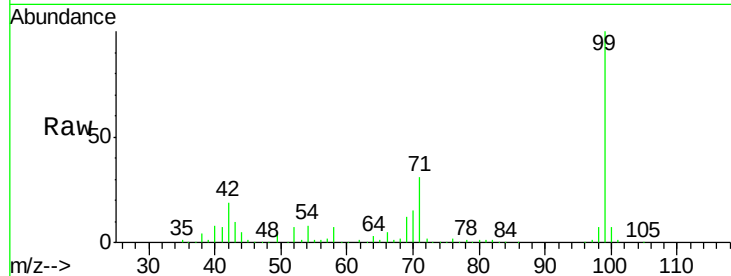
Tot Ion: 99 Resp: 625108

Ion Ratio Lower Upper

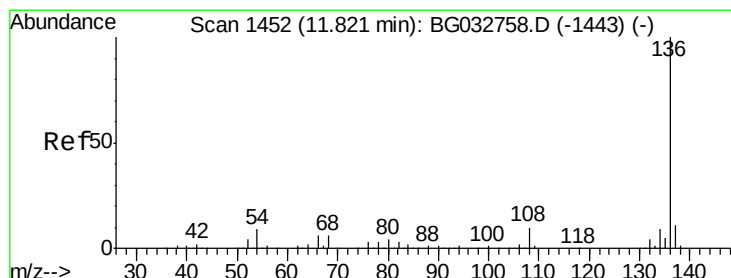
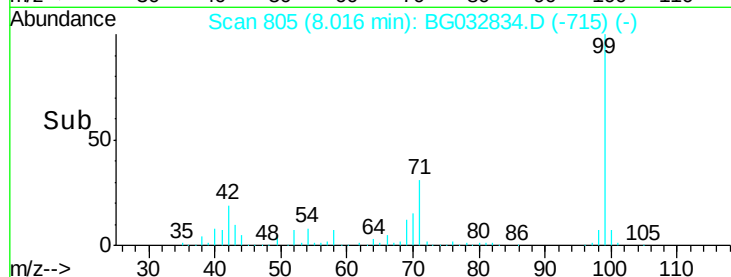
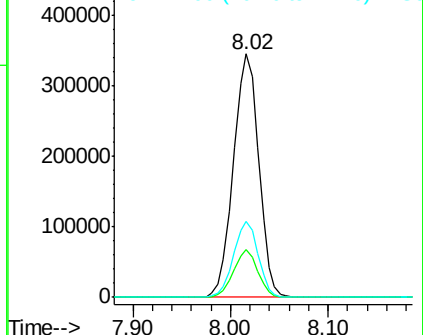
99 100

42 19.5 14.1 21.1

71 31.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

Tgt Ion: 136 Resp: 279776

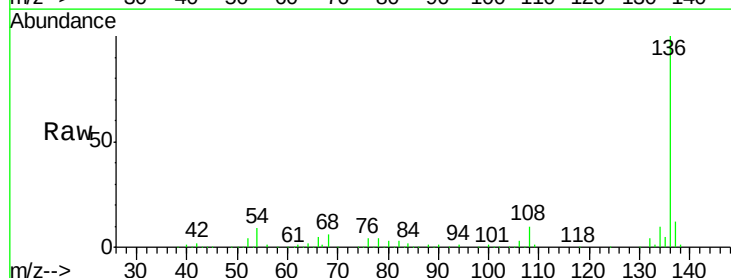
Ion Ratio Lower Upper

136 100

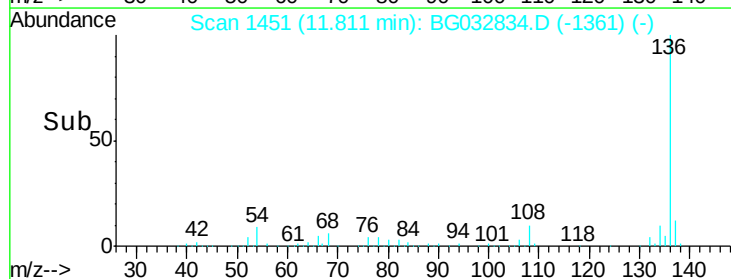
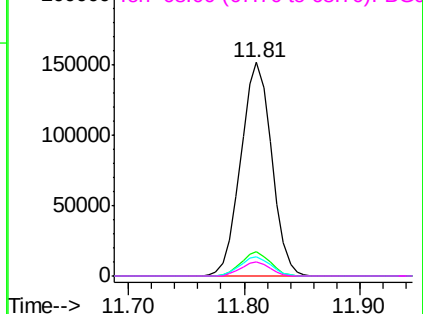
137 11.7 9.2 13.8

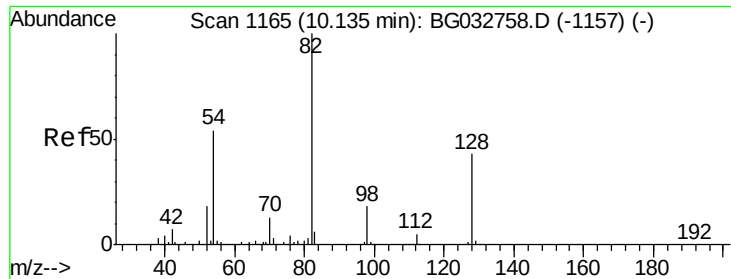
54 8.8 10.3 15.5#

68 6.5 4.5 6.7



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

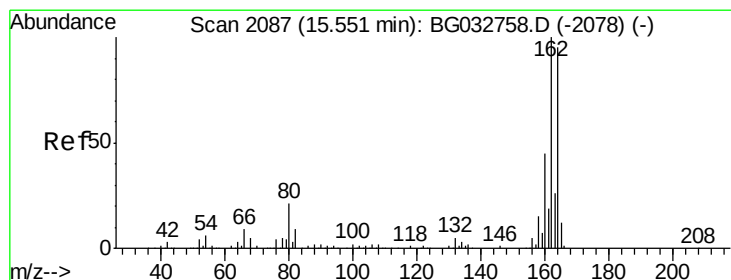
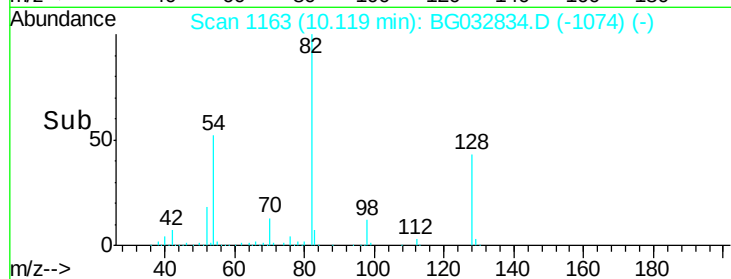
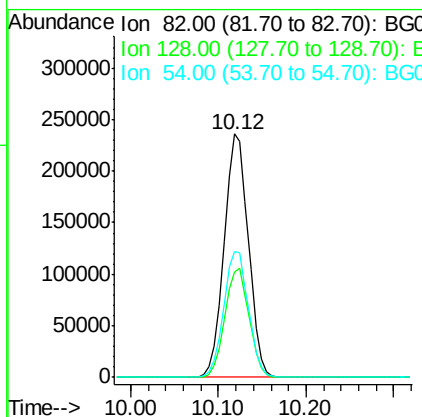
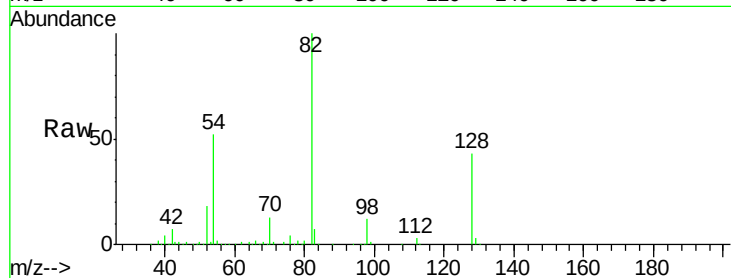




#23
 Nitrobenzene-d5
 Concen: 107.165 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032834.D
 Acq: 26 Feb 2018 23:25

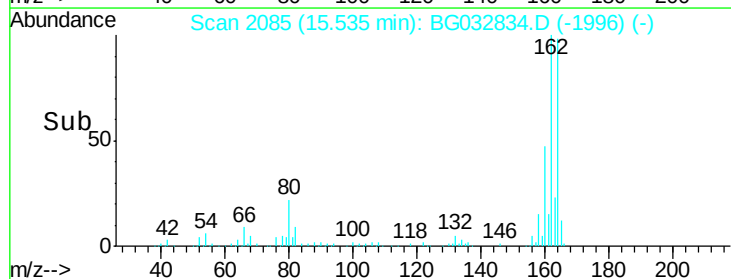
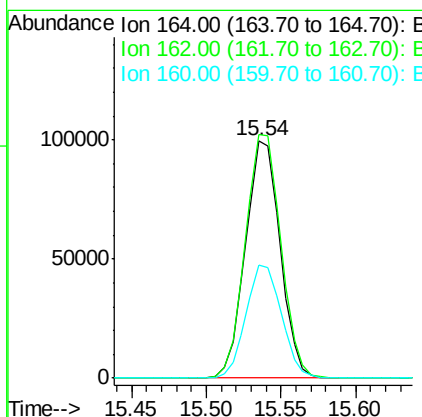
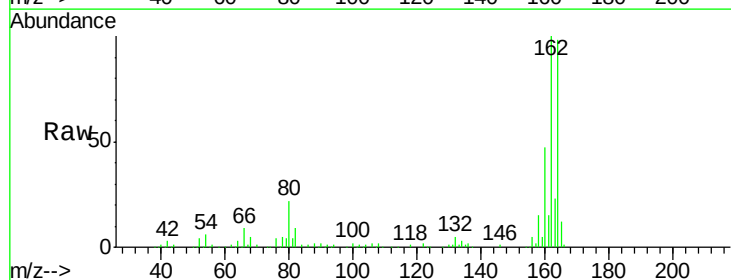
Instrument :
 BNA_G
 ClientSampleId :
 T4-CONCRETE

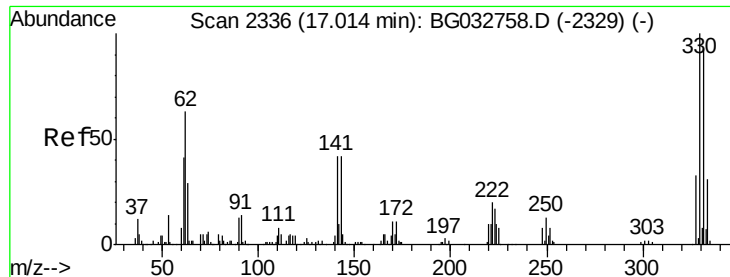
Tot Ion	82	Resp	443846
Ion Ratio	Lower	Upper	
82	100		
128	43.5	29.7	44.5
54	51.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032834.D
 Acq: 26 Feb 2018 23:25

Tgt Ion	164	Resp	159064
Ion Ratio	Lower	Upper	
164	100		
162	102.4	78.8	118.2
160	47.8	35.4	53.0

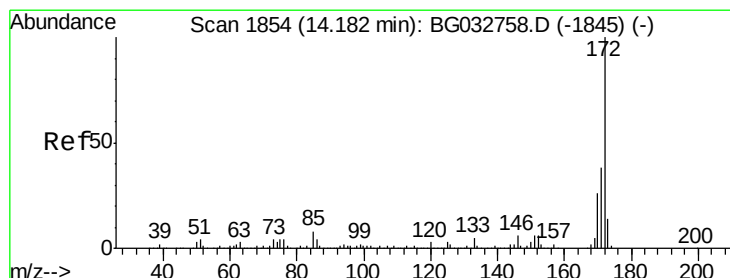
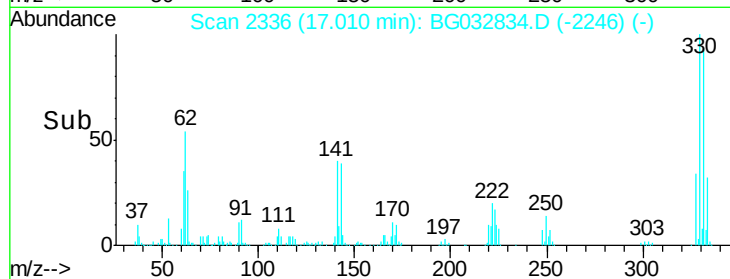
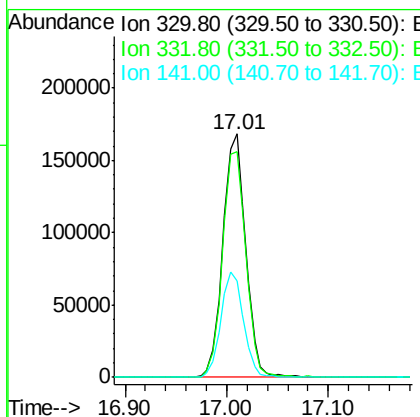
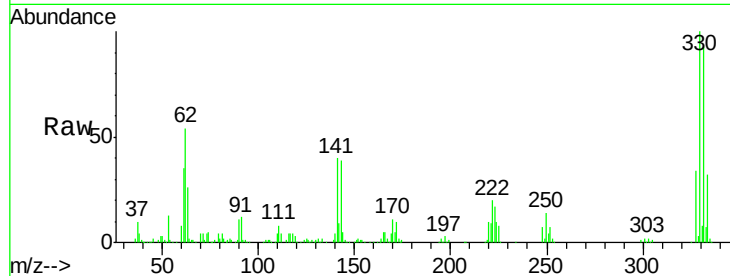




#41
 2,4,6-Tribromophenol
 Concen: 157.440 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032834.D
 Acq: 26 Feb 2018 23:25

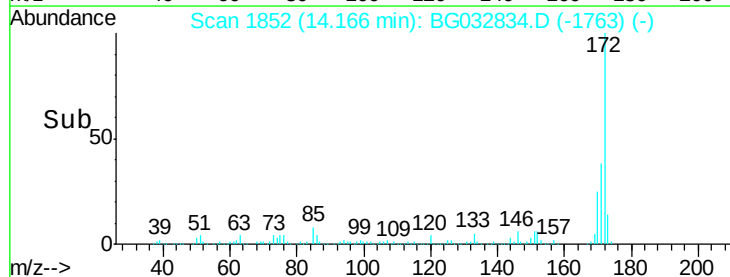
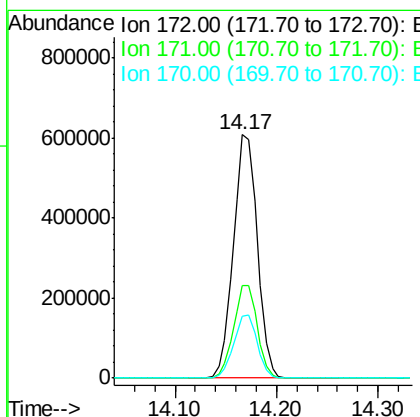
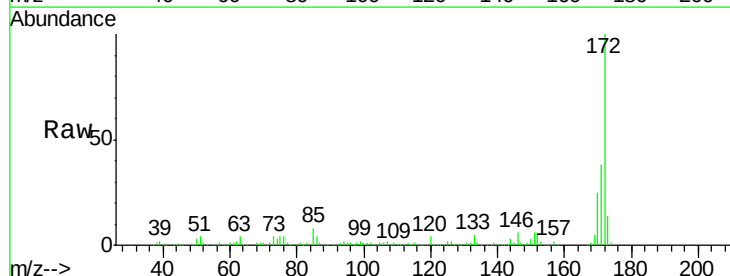
Instrument :
 BNA_G
 ClientSampleId :
 T4-CONCRETE

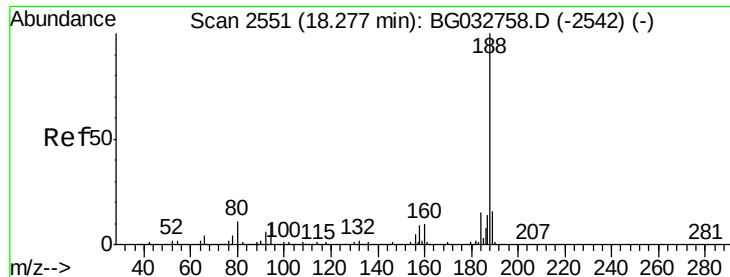
Tot Ion:330 Resp: 263319
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 42.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.220 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032834.D
 Acq: 26 Feb 2018 23:25

Tgt Ion:172 Resp: 995024
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 25.2 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

Instrument :

BNA_G

ClientSampleId :

T4-CONCRETE

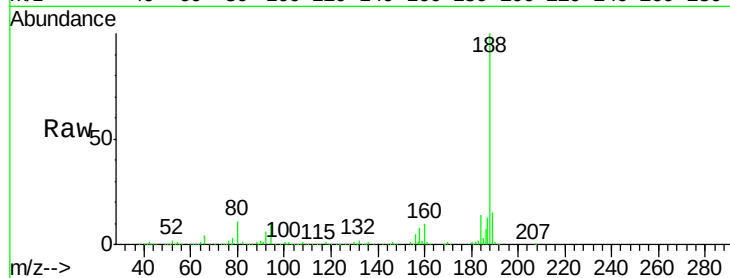
Tot Ion:188 Resp: 378384

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

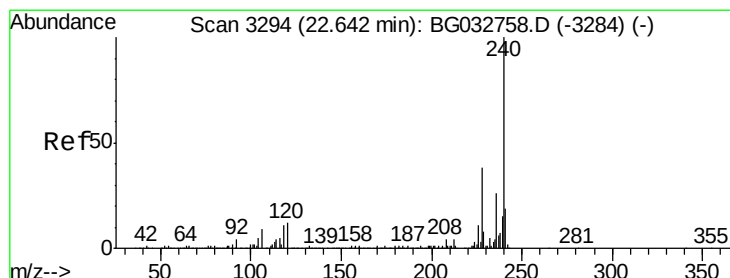
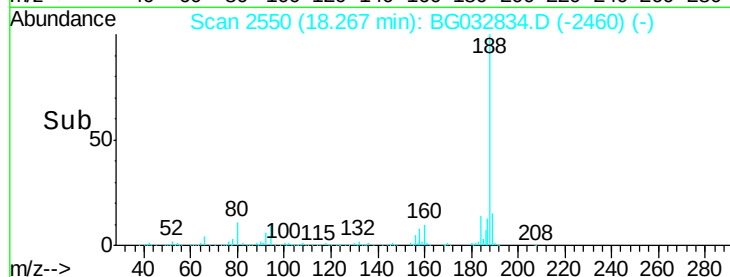
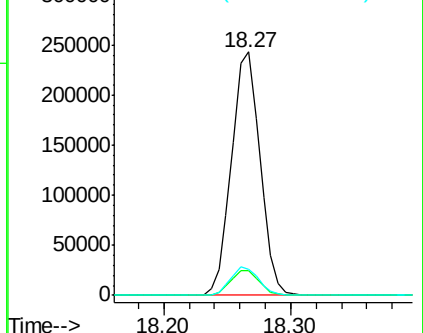
80 10.6 7.7 11.5



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

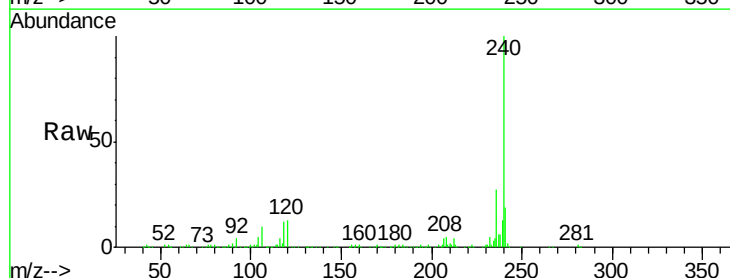
Tgt Ion:240 Resp: 359251

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

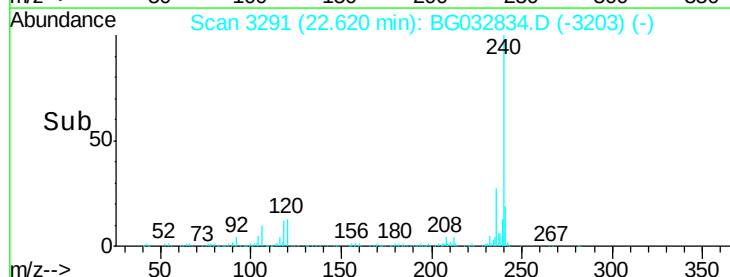
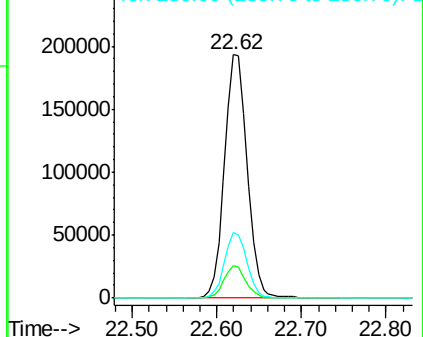
236 26.8 20.9 31.3

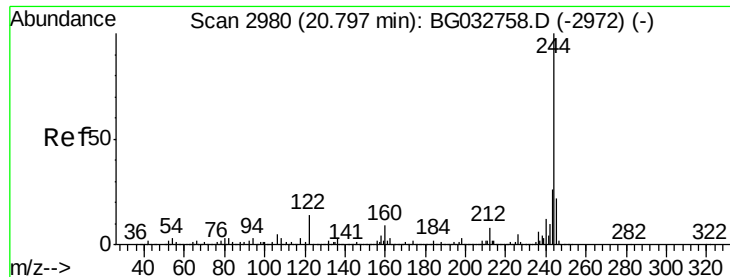


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.894 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

Instrument :

BNA_G

ClientSampleId :

T4-CONCRETE

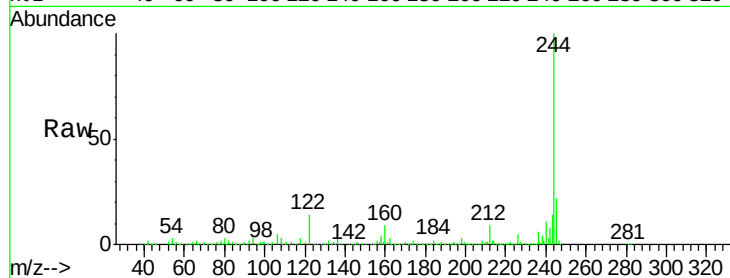
Tot Ion:244 Resp: 1533334

Ion Ratio Lower Upper

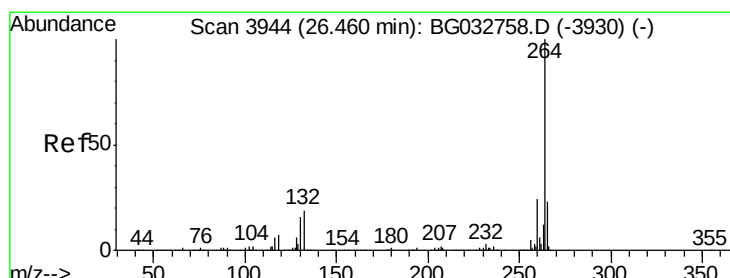
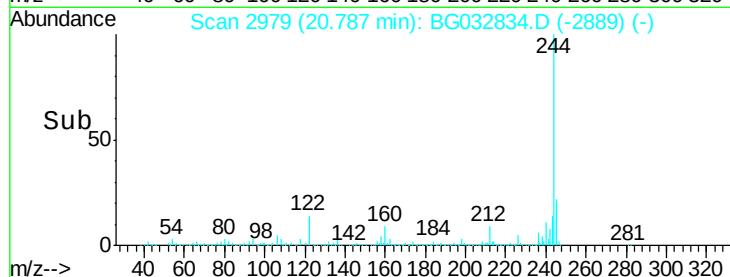
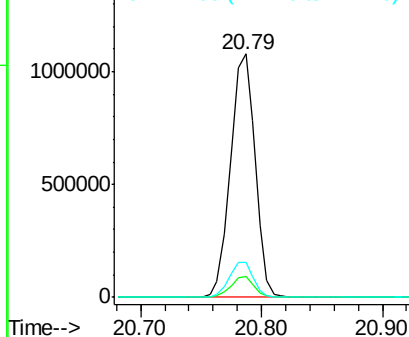
244 100

212 8.7 5.8 8.8

122 14.3 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: 26.44 min Scan# 3941

Delta R.T. -0.00 min

Lab File: BG032834.D

Acq: 26 Feb 2018 23:25

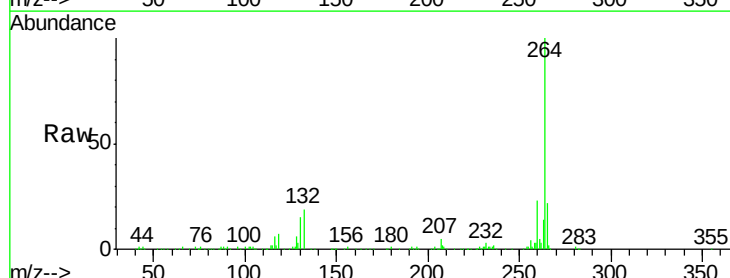
Tgt Ion:264 Resp: 372360

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

