

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037943.D
 Acq On : 12 Nov 2018 14:11
 Operator : JU/SJ
 Sample : J5892-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PN-CONCRETE

Quant Time: Nov 12 17:25:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

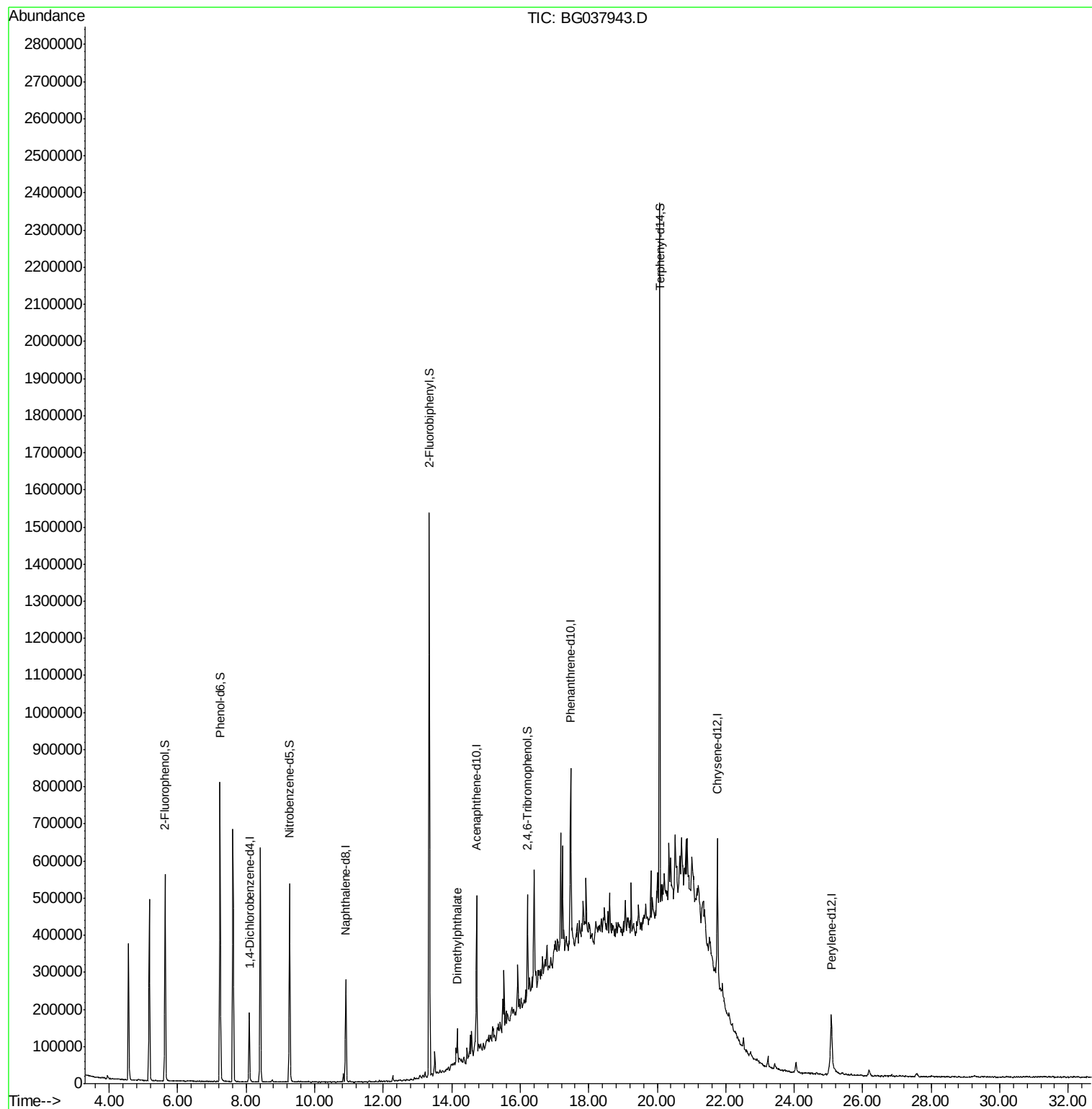
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54890	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	253676	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	152482	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	293682	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	265233	20.00	ng	-0.02
87) Perylene-d12	25.08	264	231141	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	263705	80.32	ng	-0.01
7) Phenol-d6	7.24	99	522267	105.20	ng	-0.01
23) Nitrobenzene-d5	9.27	82	345579	76.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	55244	33.22	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	869479	85.99	ng	-0.02
79) Terphenyl-d14	20.07	244	1006835	81.11	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.17	163	43101	3.654	ng	Qvalue 99

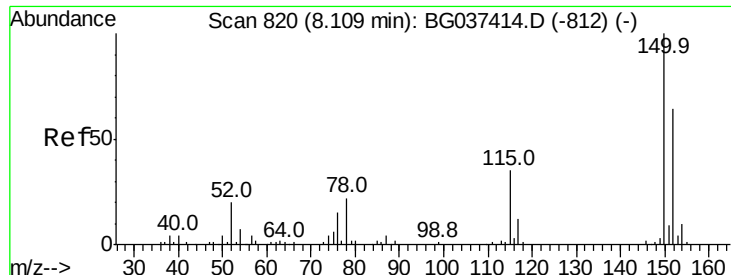
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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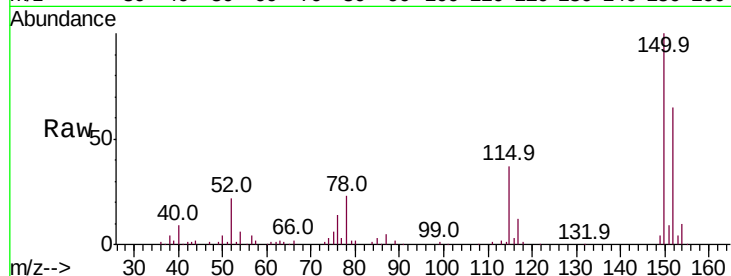


#1

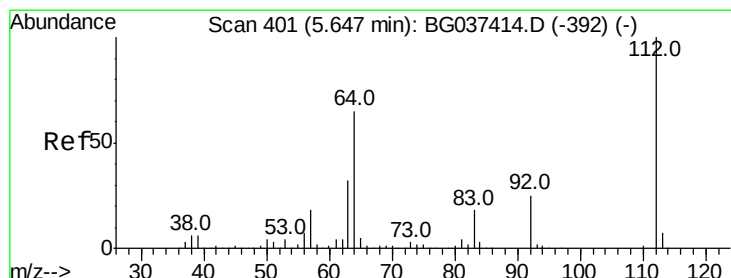
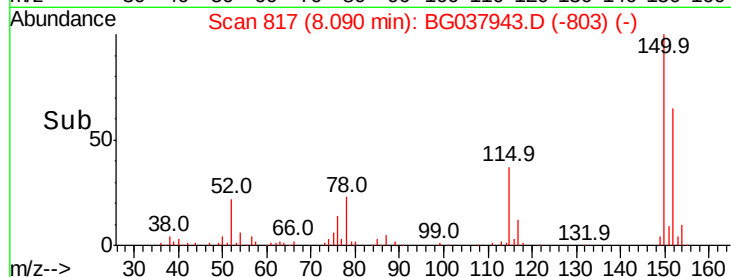
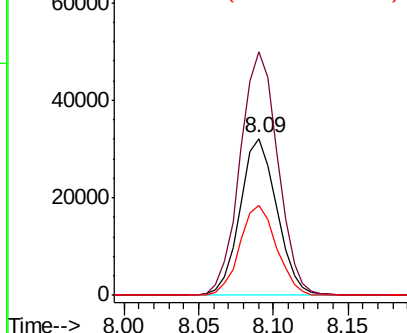
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :
PN-CONCRETE

Tot Ion:152 Resp: 54890
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 57.4 45.5 68.3



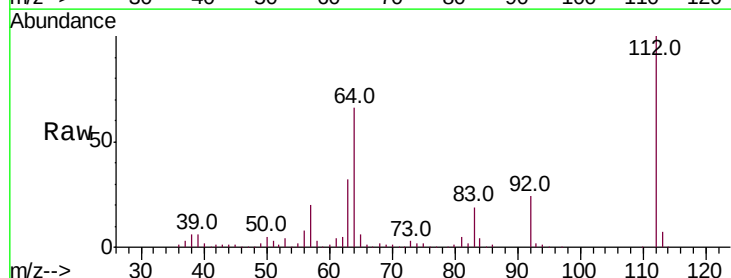
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



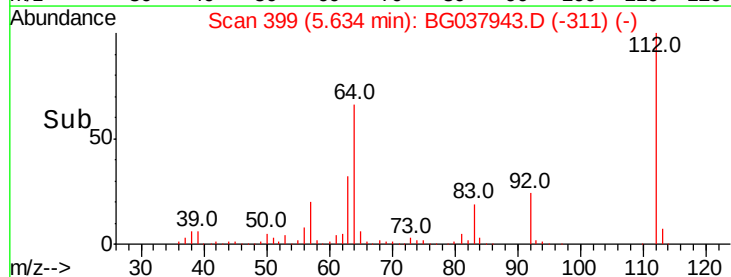
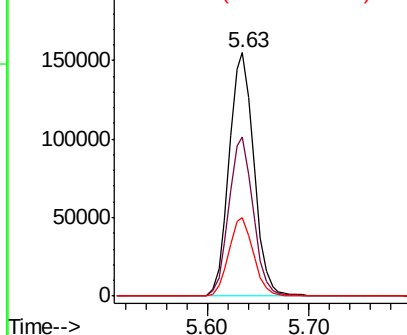
#5

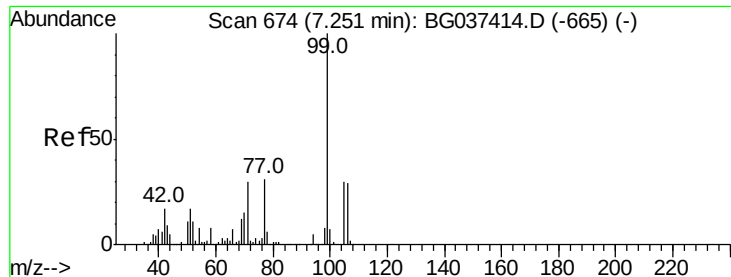
2-Fluorophenol
Concen: 80.320 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Tgt Ion:112 Resp: 263705
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 32.1 27.3 40.9



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: 105.199 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

PN-CONCRETE

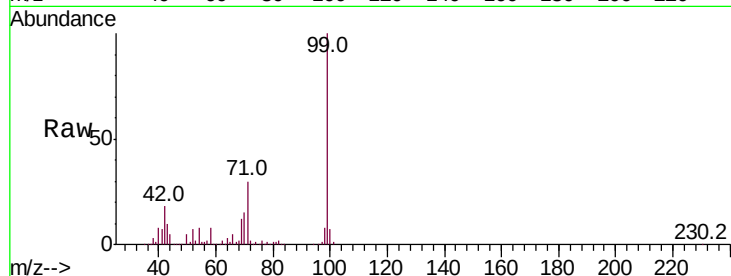
Tot Ion: 99 Resp: 522267

Ion Ratio Lower Upper

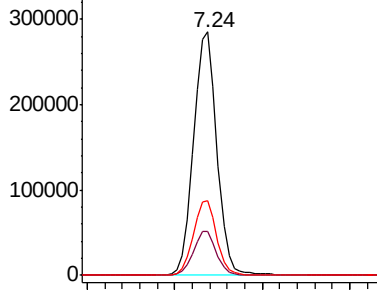
99 100

42 17.9 15.0 22.4

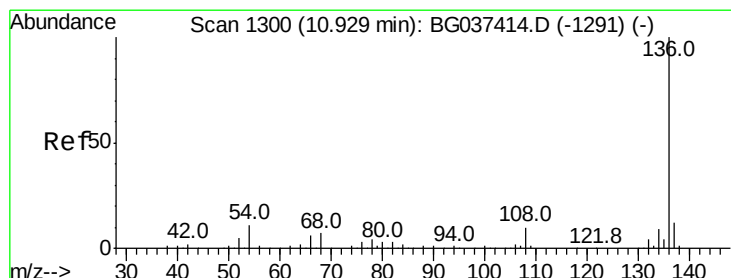
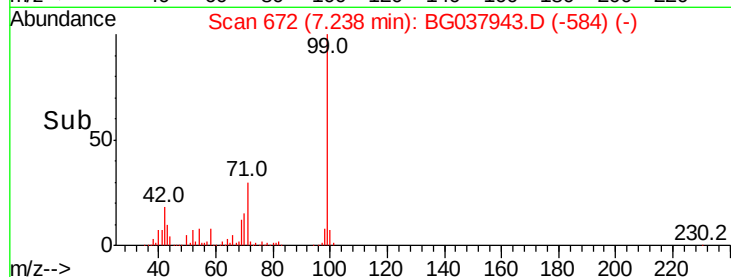
71 30.5 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Tgt Ion: 136 Resp: 253676

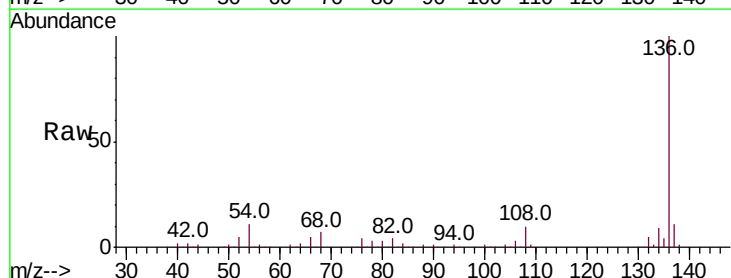
Ion Ratio Lower Upper

136 100

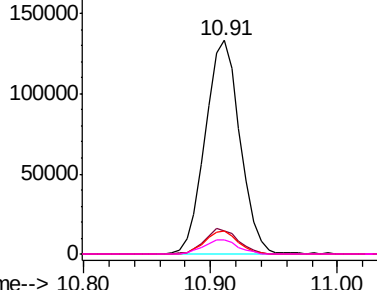
137 10.8 9.6 14.4

54 10.7 7.9 11.9

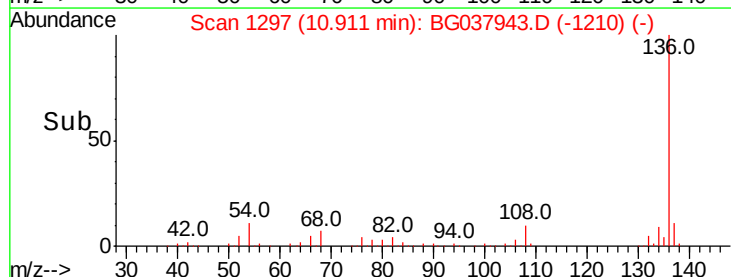
68 6.8 4.8 7.2

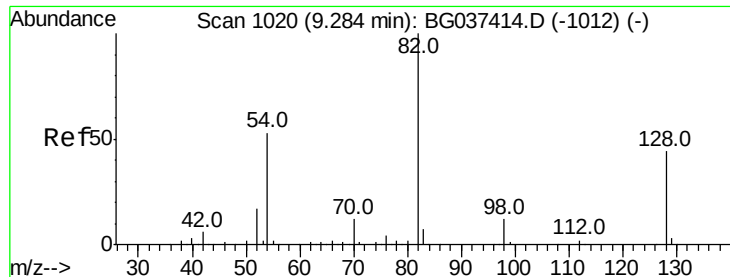


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90 11.00

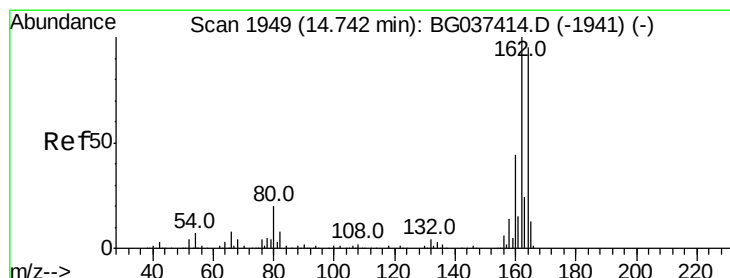
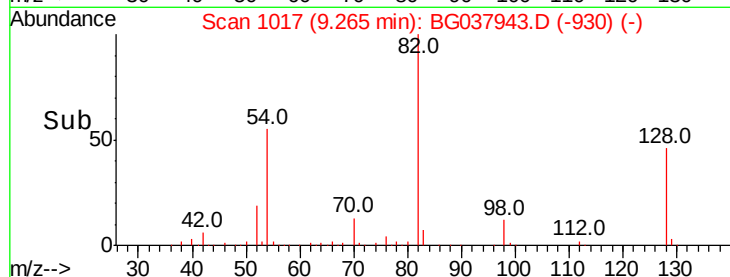
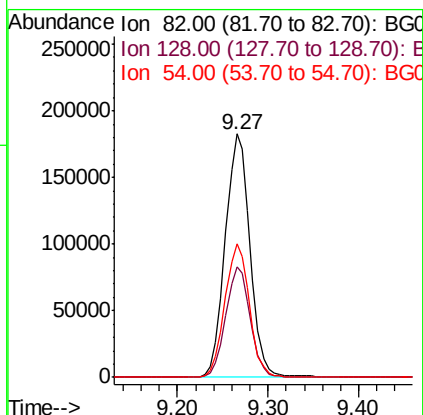
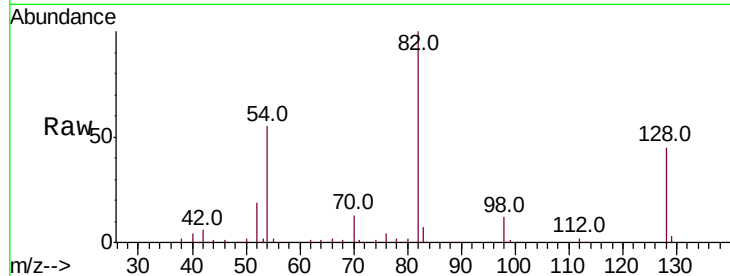




#23
Nitrobenzene-d5
Concen: 76.314 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

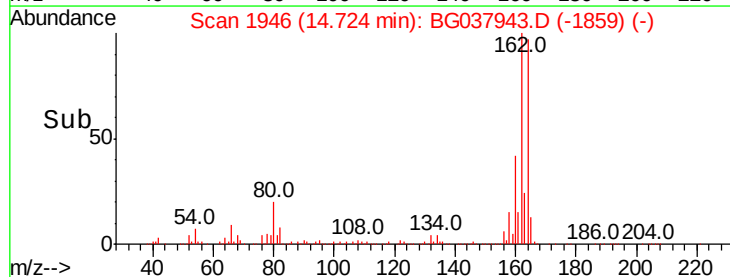
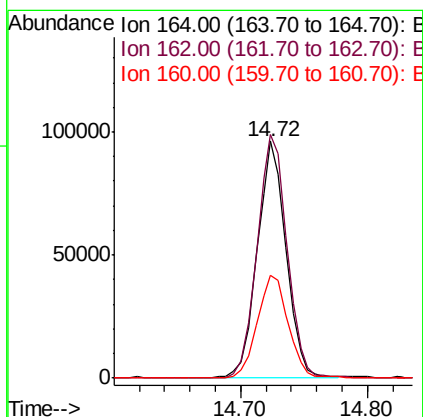
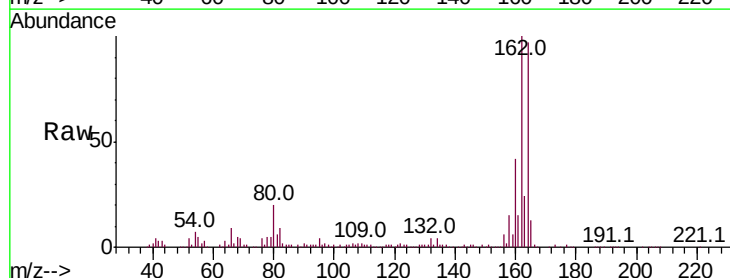
Instrument :
BNA_G
ClientSampleId :
PN-CONCRETE

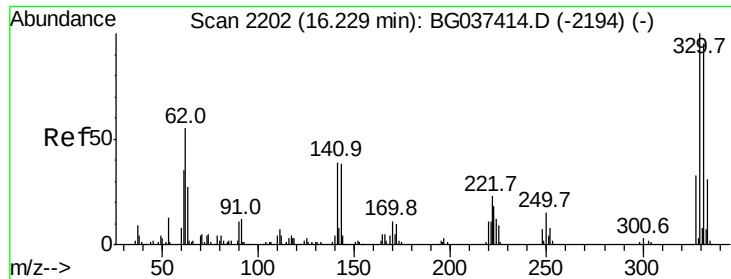
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	54.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	43.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 33.217 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

PN-CONCRETE

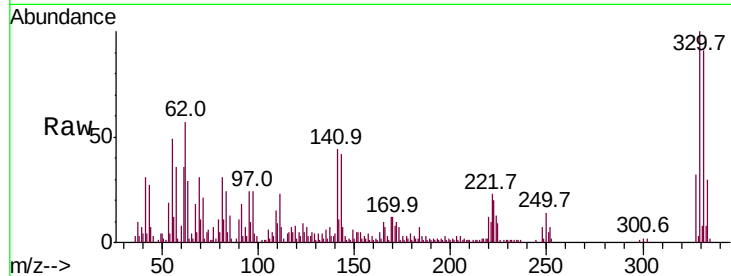
Tot Ion:330 Resp: 55244

Ion Ratio Lower Upper

330 100

332 93.5 78.4 117.6

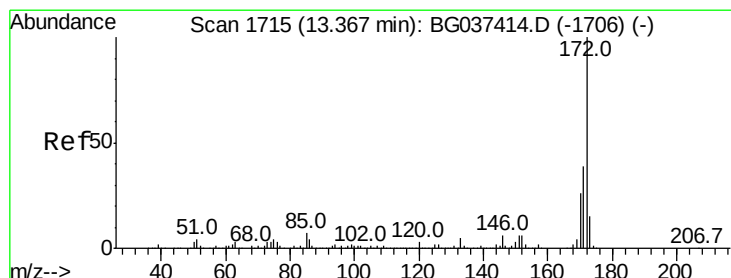
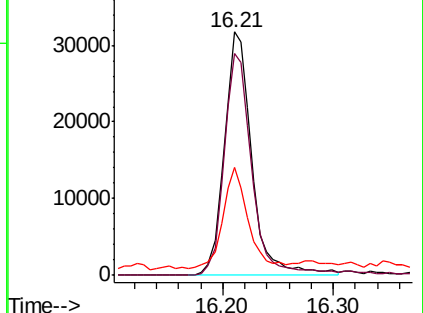
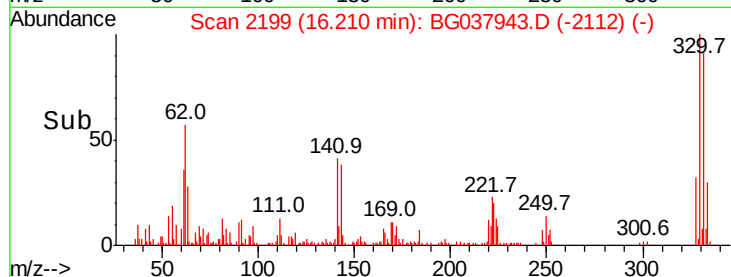
141 37.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 85.986 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

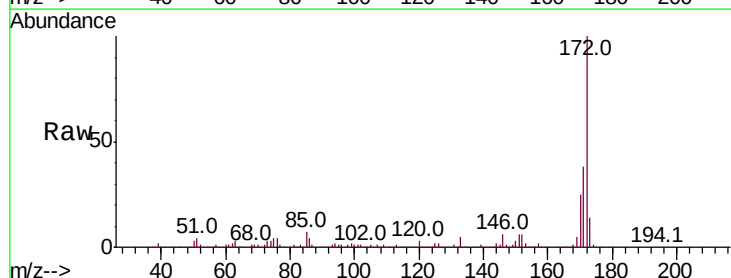
Tgt Ion:172 Resp: 869479

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

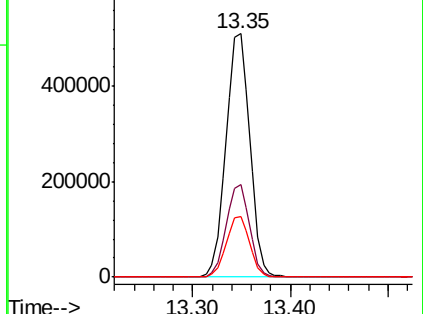
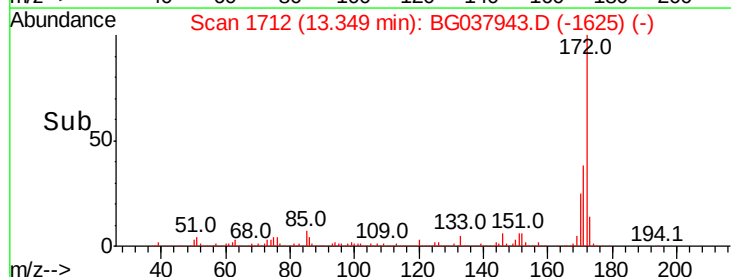
170 24.7 20.2 30.2

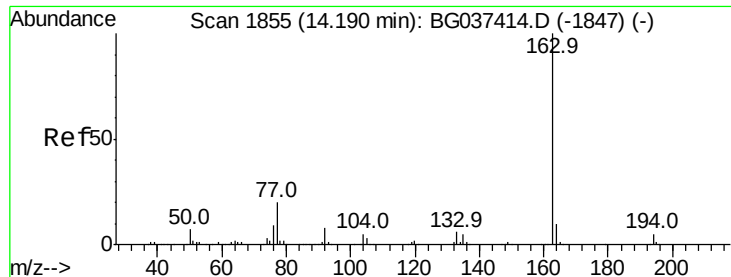


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.654 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

PN-CONCRETE

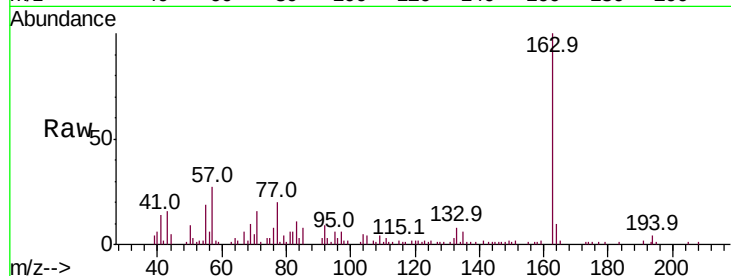
Tot Ion:163 Resp: 43101

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

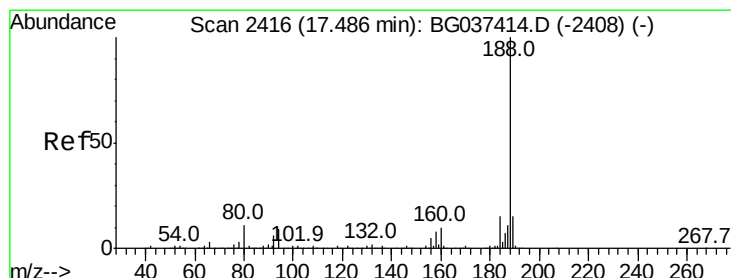
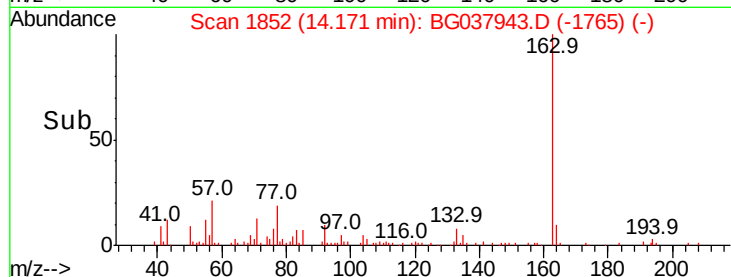
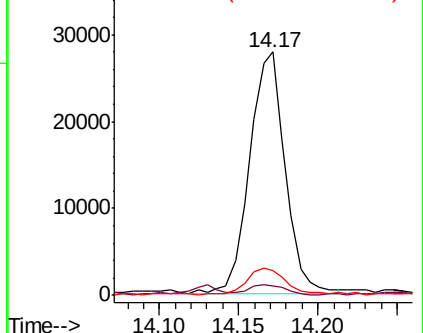
164 10.2 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

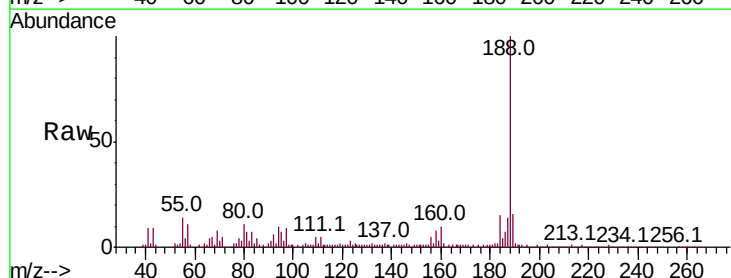
Tgt Ion:188 Resp: 293682

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

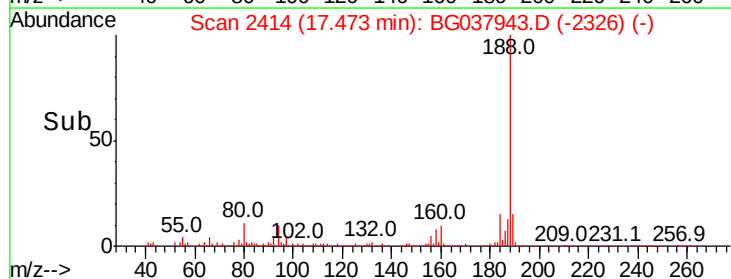
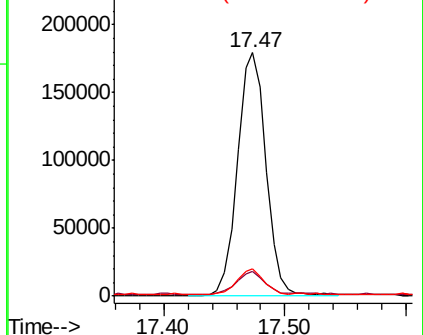
80 11.3 7.7 11.5

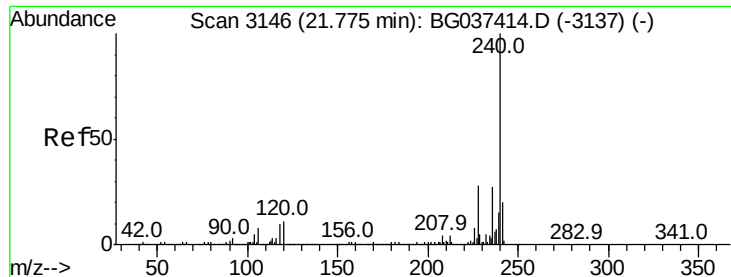


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

PN-CONCRETE

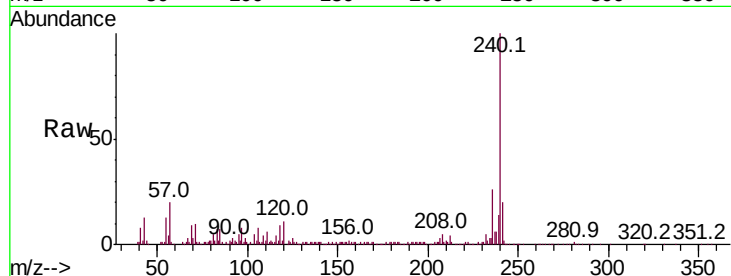
Tot Ion:240 Resp: 265233

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

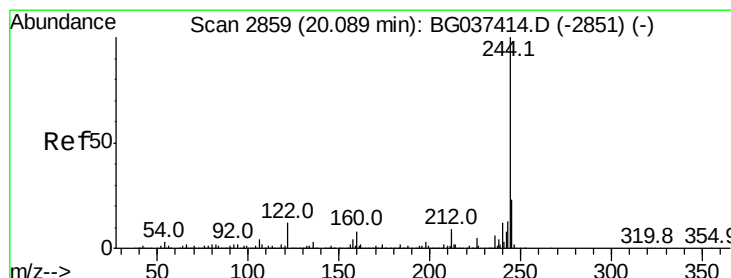
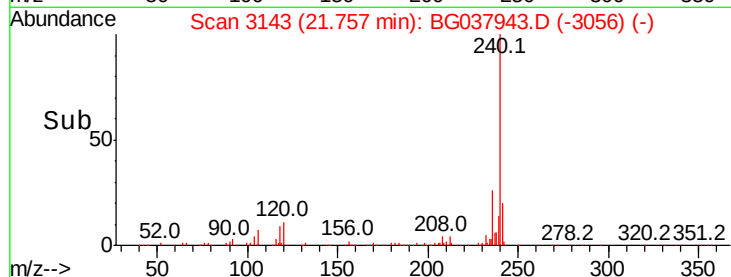
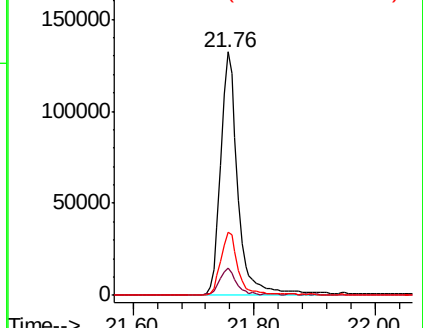
236 25.9 21.4 32.0



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



#79

Terphenyl-d14

Concen: 81.112 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

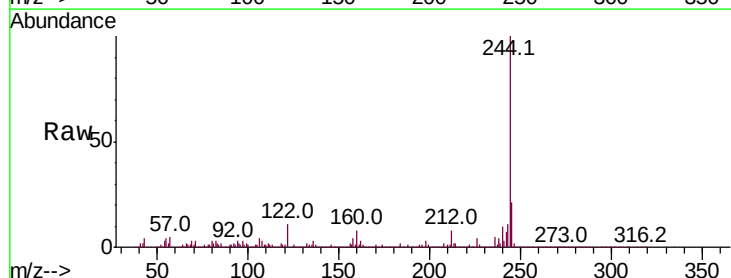
Tgt Ion:244 Resp: 1006835

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

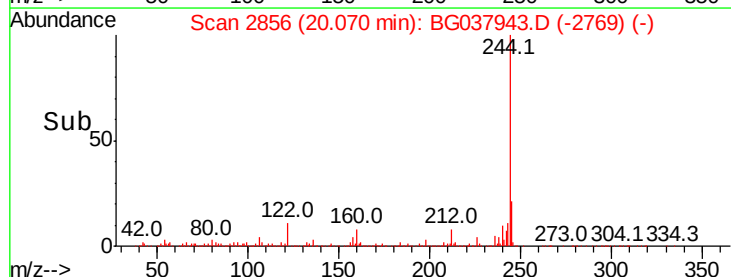
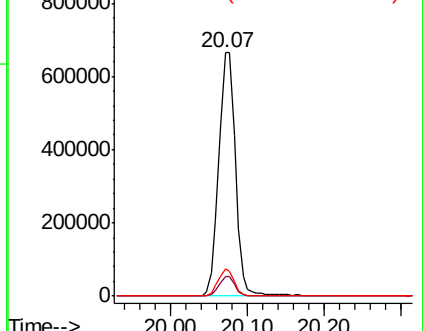
122 11.3 9.0 13.4

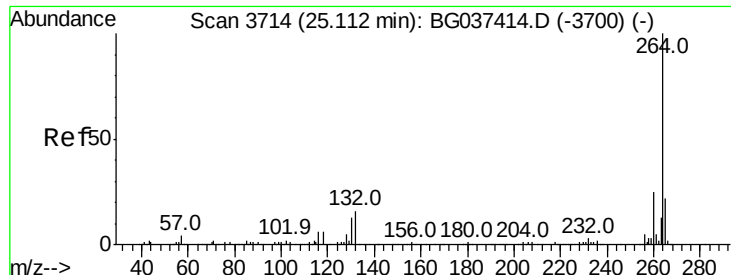


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

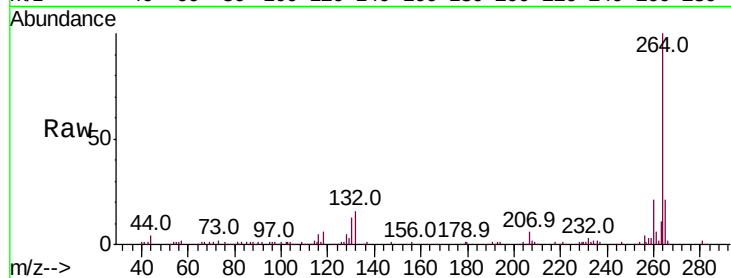




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :
PN-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.9	18.2	27.4
265	21.2	17.9	26.9



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

