

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038387.D
 Acq On : 6 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6239-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Dec 06 21:09:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

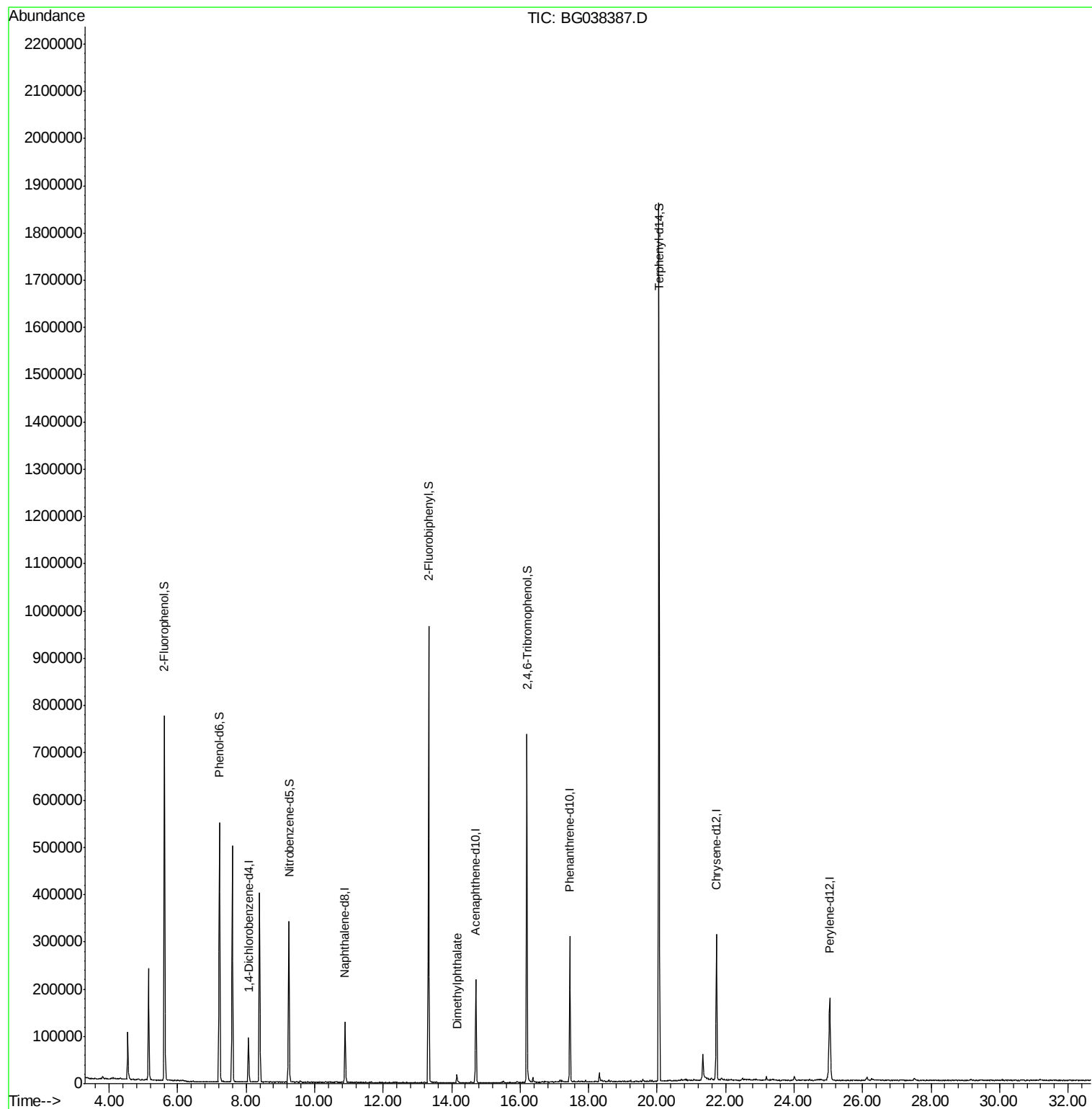
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27354	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	116009	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	78342	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	199077	20.00	ng	0.00
76) Chrysene-d12	21.73	240	194757	20.00	ng	0.00
87) Perylene-d12	25.04	264	203154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	373264	241.48	ng	0.00
7) Phenol-d6	7.22	99	318856	142.72	ng	0.00
23) Nitrobenzene-d5	9.25	82	212599	90.99	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	135888	141.29	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	517696	94.16	ng	0.00
79) Terphenyl-d14	20.05	244	909266	100.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	15583	2.480	ng	Qvalue 99

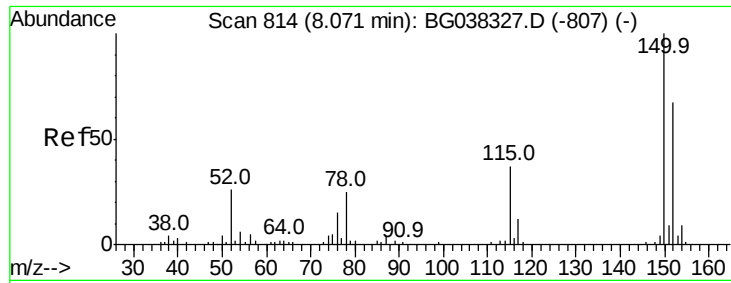
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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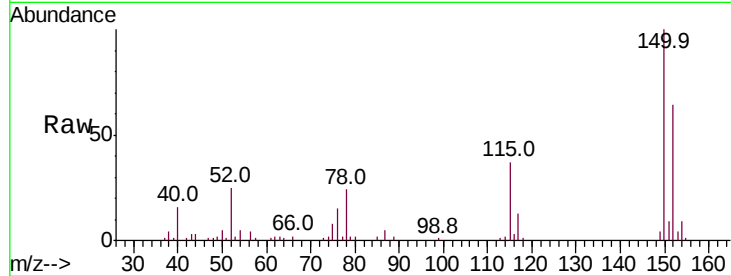


#1

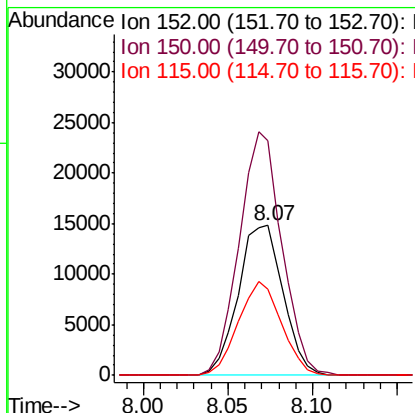
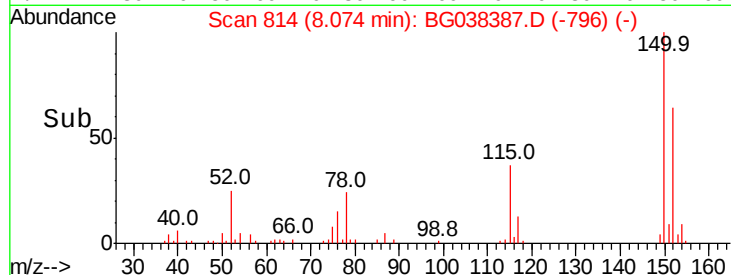
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 27354
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 57.5 45.5 68.3



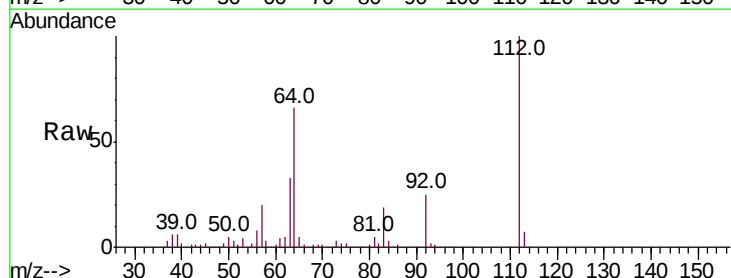
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



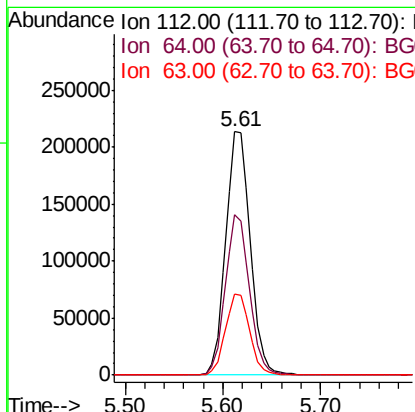
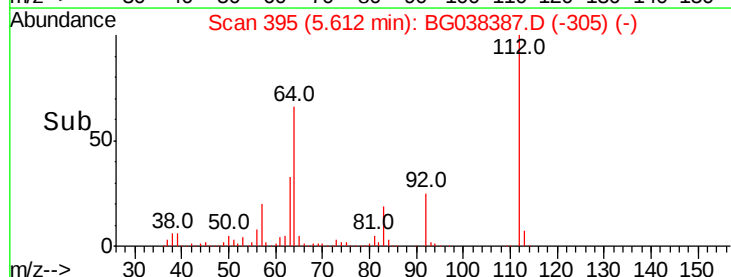
#5

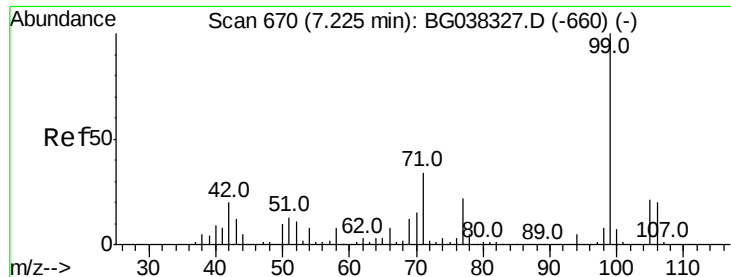
2-Fluorophenol
Concen: 241.480 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Tgt Ion:112 Resp: 373264
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 33.0 27.3 40.9



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





#7

Phenol-d6

Concen: 142.722 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038387.D

Acq: 6 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

CONCRETE

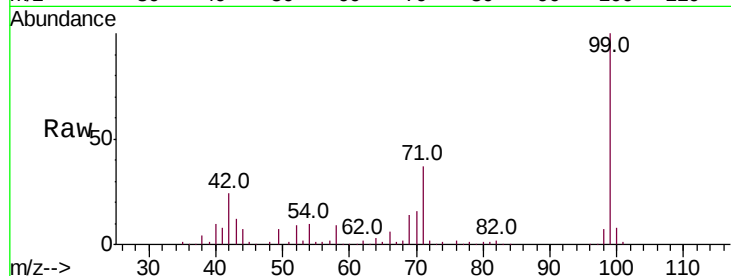
Tot Ion: 99 Resp: 318856

Ion Ratio Lower Upper

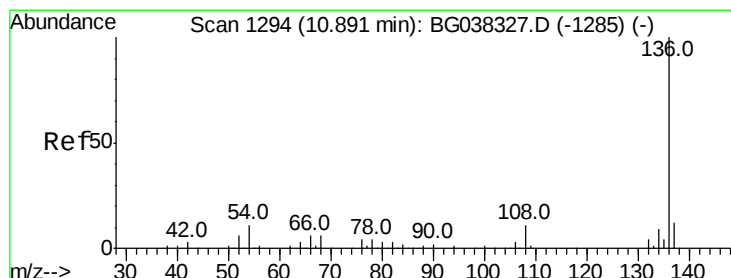
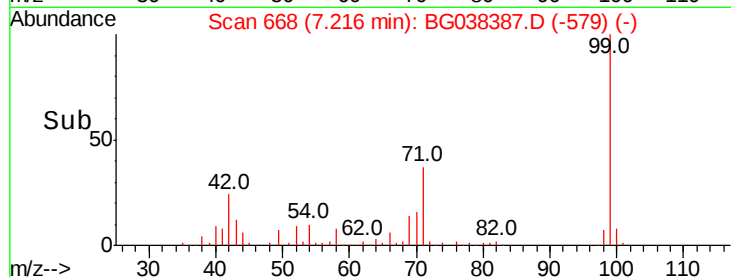
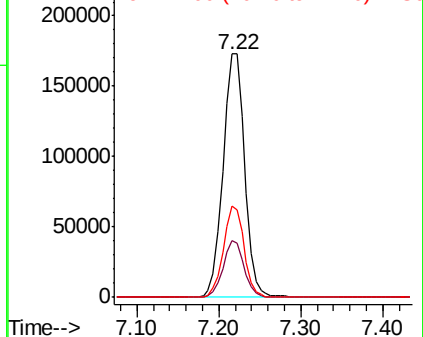
99 100

42 23.5 15.0 22.4#

71 37.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038387.D

Acq: 6 Dec 2018 17:53

Tgt Ion: 136 Resp: 116009

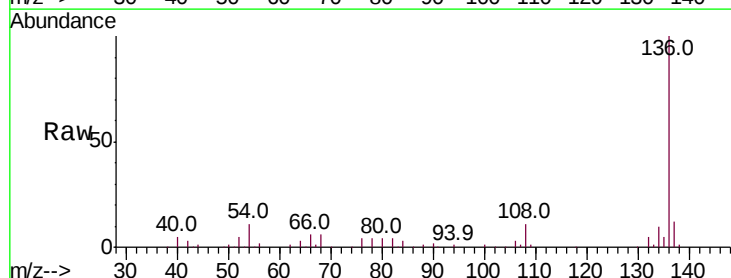
Ion Ratio Lower Upper

136 100

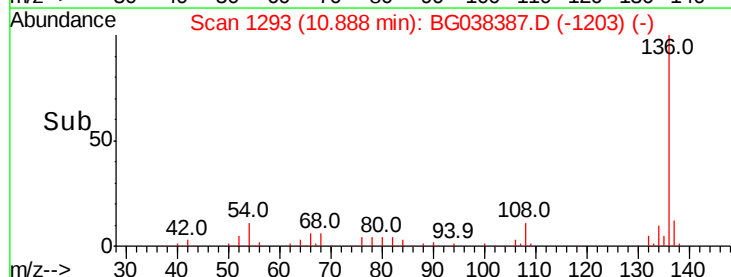
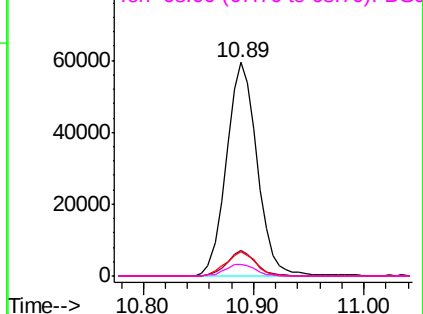
137 12.1 9.6 14.4

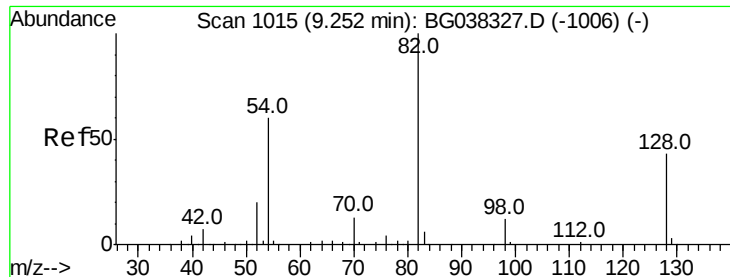
54 11.4 7.9 11.9

68 5.6 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

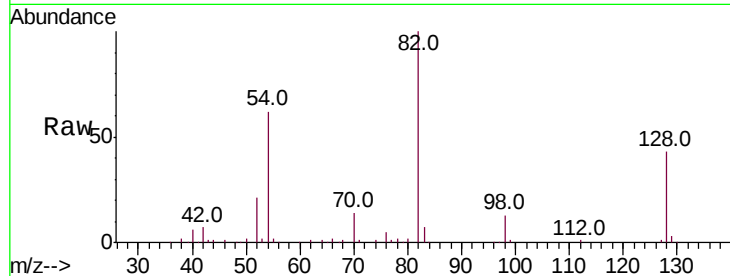




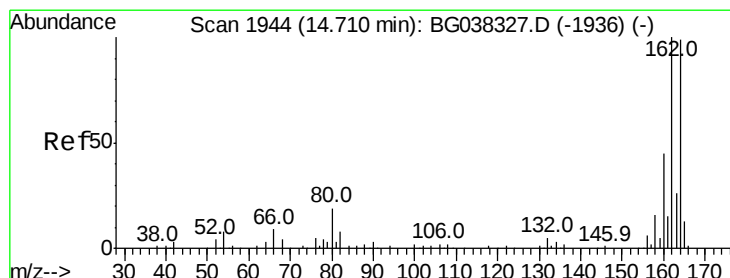
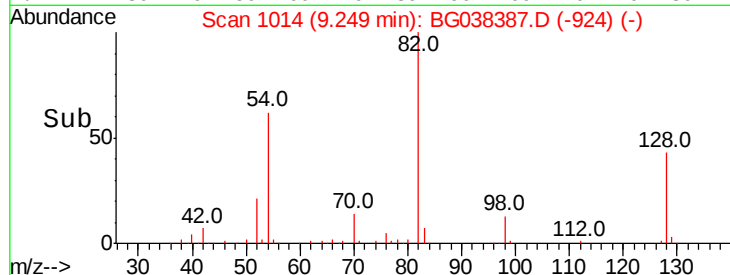
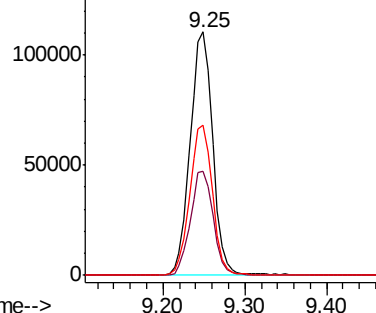
#23
Nitrobenzene-d5
Concen: 90.985 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion: 82 Resp: 212599
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 61.8 45.3 67.9

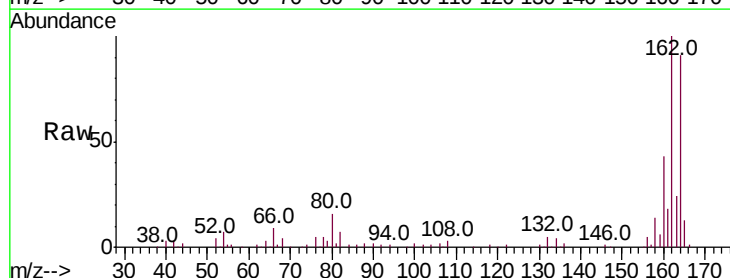


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

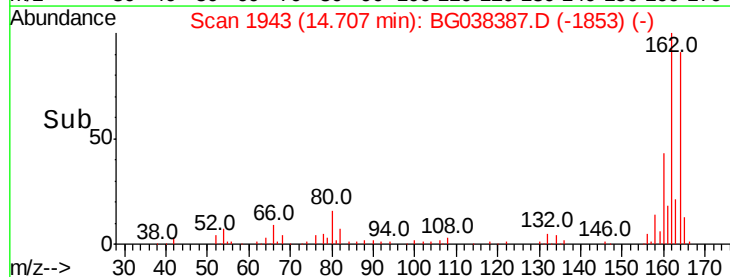
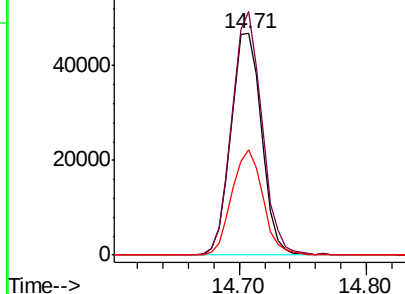


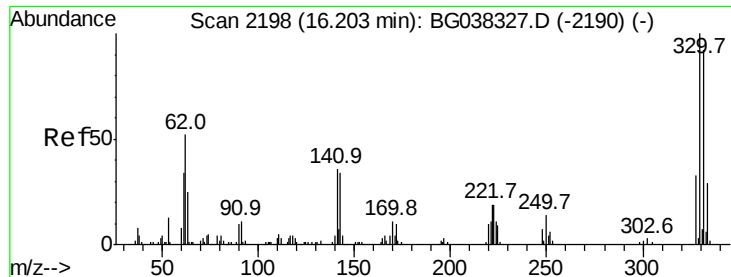
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Tgt Ion:164 Resp: 78342
Ion Ratio Lower Upper
164 100
162 109.9 81.3 121.9
160 47.5 36.3 54.5



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

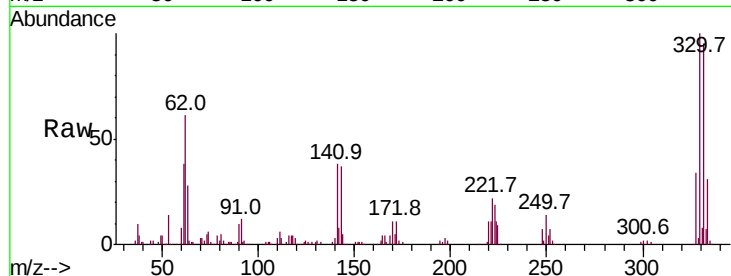




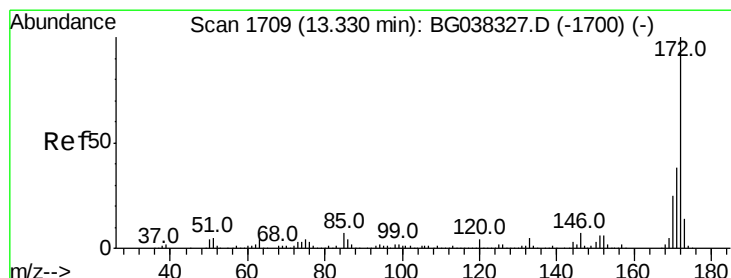
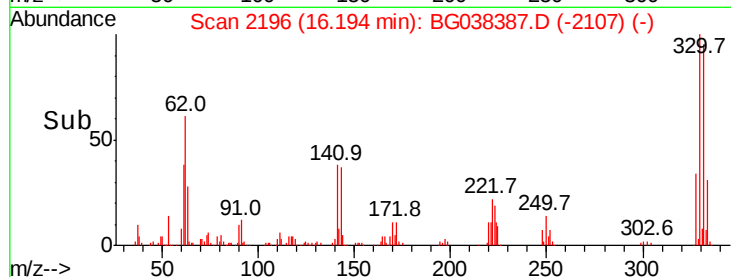
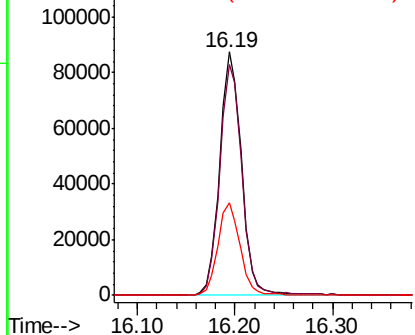
#42
 2,4,6-Tribromophenol
 Concen: 141.293 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038387.D
 Acq: 6 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Tot Ion:330 Resp: 135888
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.4 117.6
 141 38.4 32.2 48.2

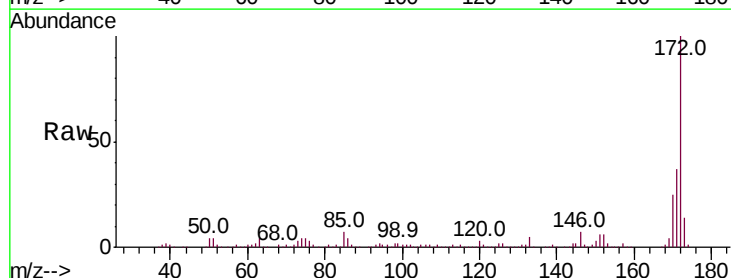


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

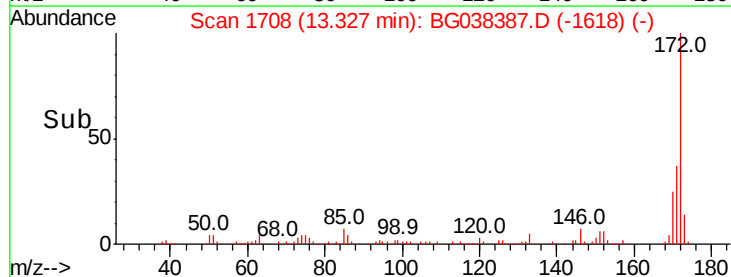
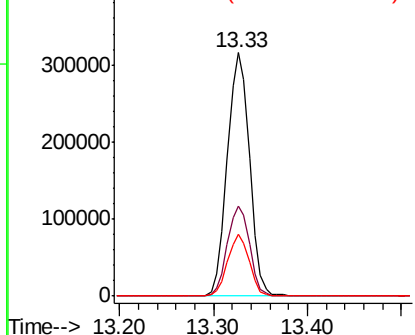


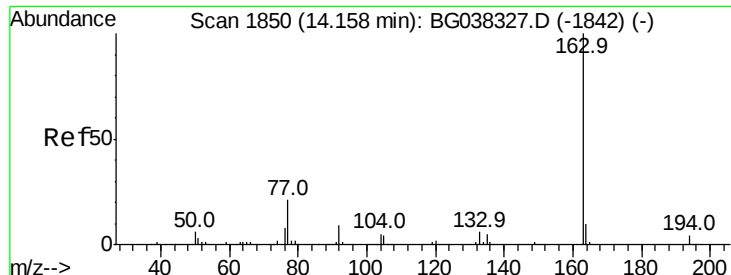
#45
 2-Fluorobiphenyl
 Concen: 94.160 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038387.D
 Acq: 6 Dec 2018 17:53

Tgt Ion:172 Resp: 517696
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 25.3 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

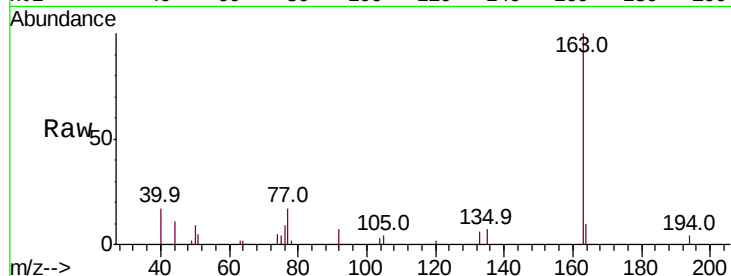




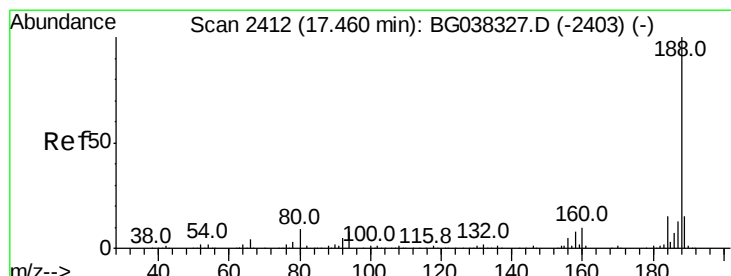
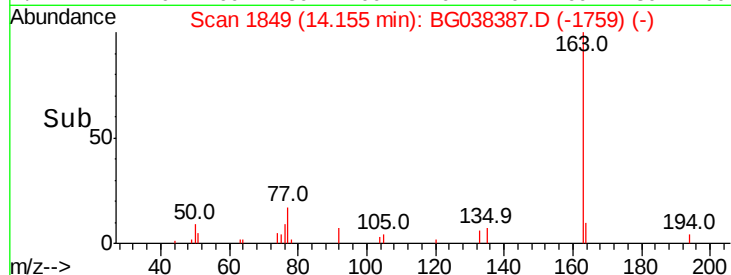
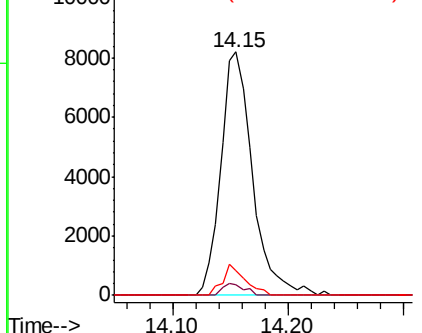
#50
Dimethylphthalate
Concen: 2.480 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:163 Resp: 15583
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.0 8.5 12.7

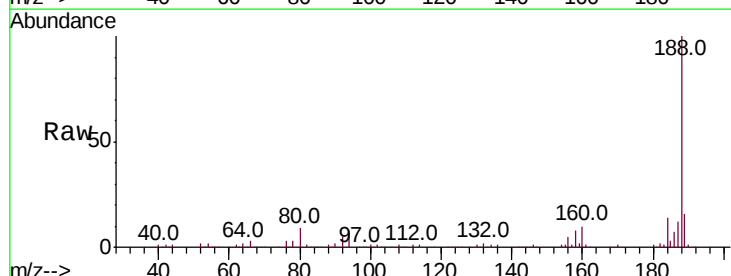


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

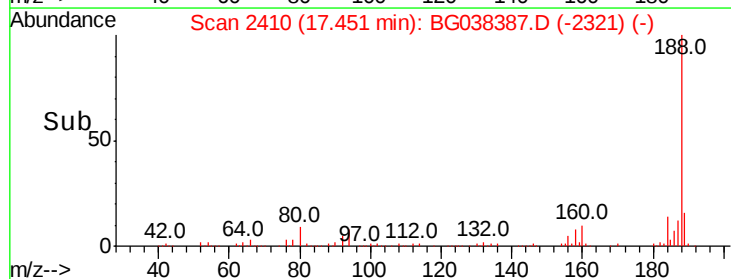
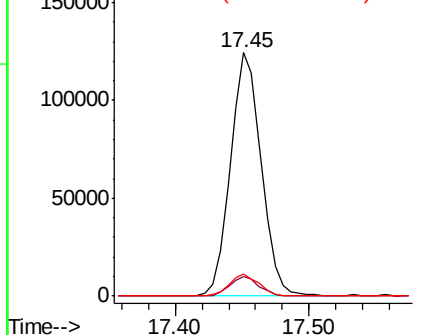


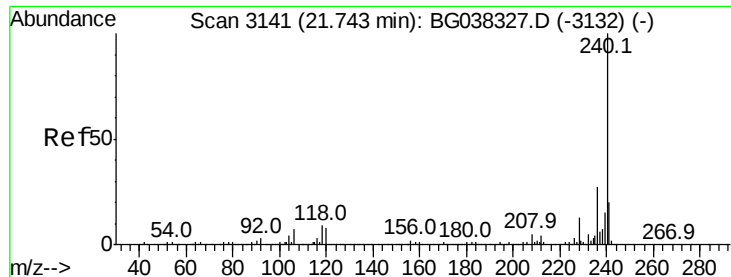
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038387.D
Acq: 6 Dec 2018 17:53

Tgt Ion:188 Resp: 199077
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038387.D

Acq: 6 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

CONCRETE

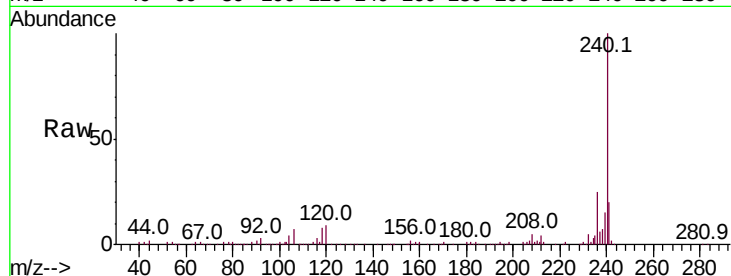
Tot Ion:240 Resp: 194757

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

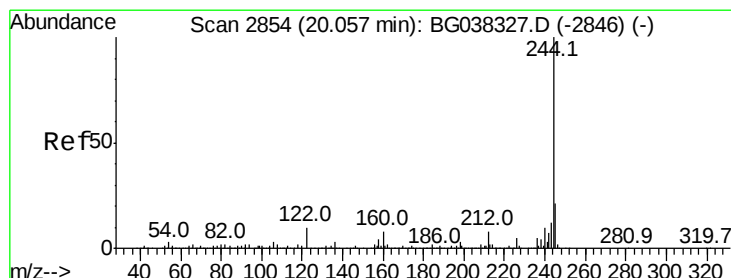
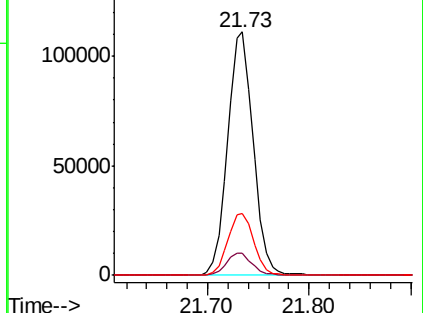
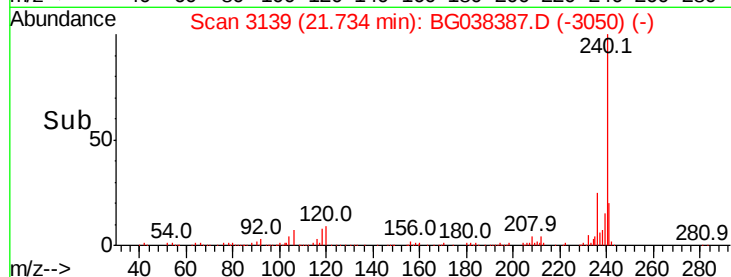
236 25.5 21.4 32.0



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: 100.016 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038387.D

Acq: 6 Dec 2018 17:53

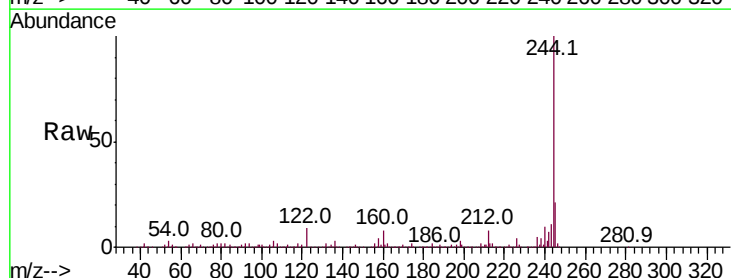
Tgt Ion:244 Resp: 909266

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

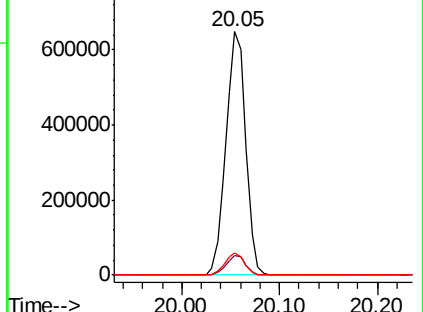
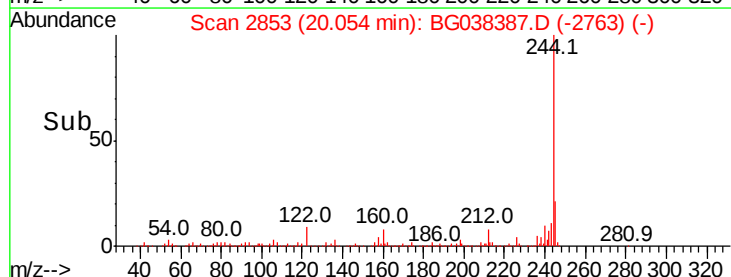
122 9.0 9.0 13.4

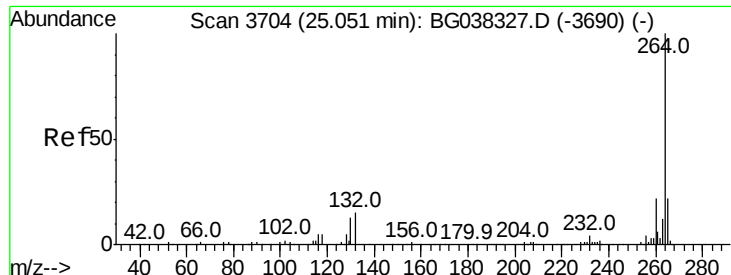


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

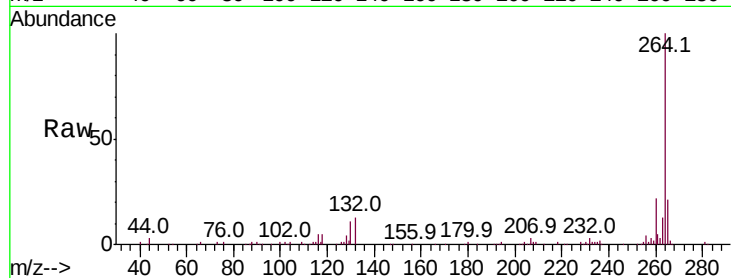




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038387.D
 Acq: 6 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Tot Ion:	264	Resp:	203154
Ion	Ratio	Lower	Upper
264	100		
260	22.0	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

