

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038511.D
 Acq On : 12 Dec 2018 23:22
 Operator : JU/SJ
 Sample : J6327-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

Quant Time: Dec 13 06:34:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

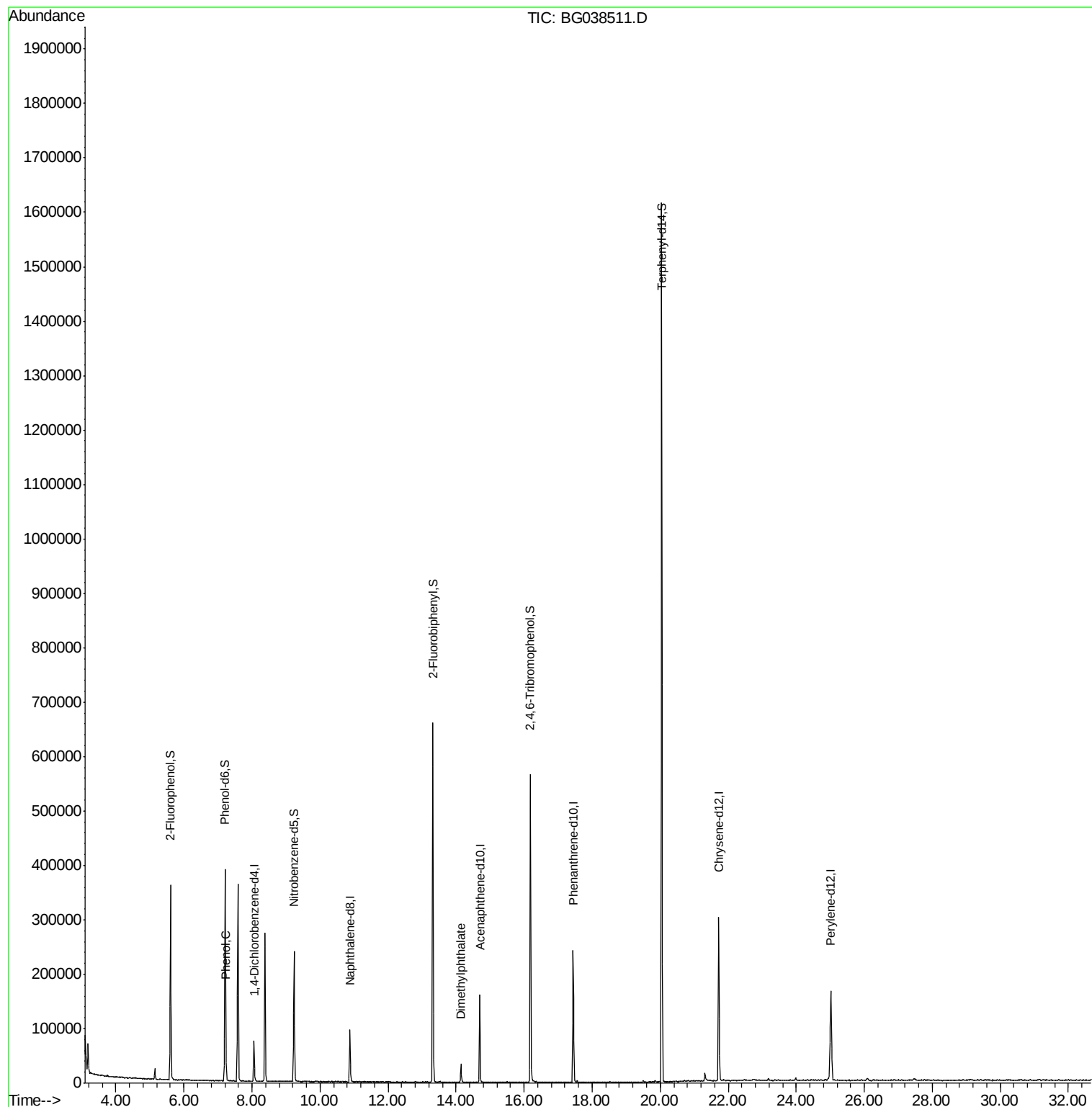
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20664	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87035	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58699	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163600	20.00	ng	0.00
76) Chrysene-d12	21.72	240	193048	20.00	ng	0.00
87) Perylene-d12	25.01	264	203245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	158500	136.05	ng	0.00
7) Phenol-d6	7.21	99	219291	137.11	ng	0.00
23) Nitrobenzene-d5	9.23	82	142605	83.71	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	111565	137.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	351131	82.06	ng	0.00
79) Terphenyl-d14	20.04	244	779430	87.87	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11769	6.926	ng	88
50) Dimethylphthalate	14.15	163	27387	5.713	ng	96

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

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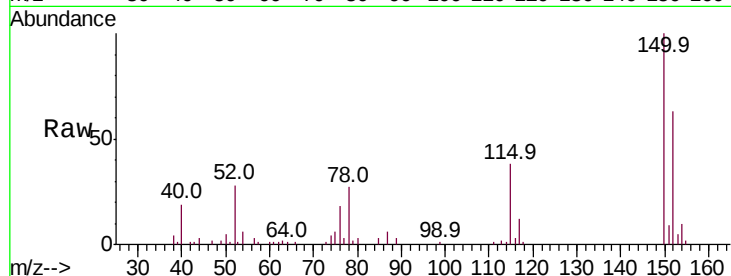


#1

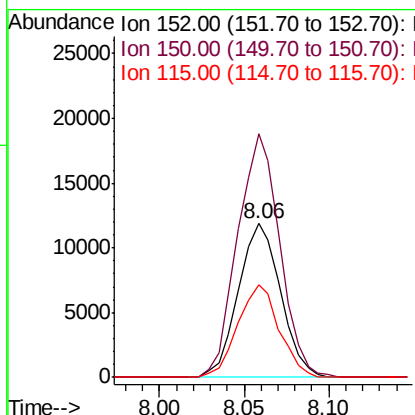
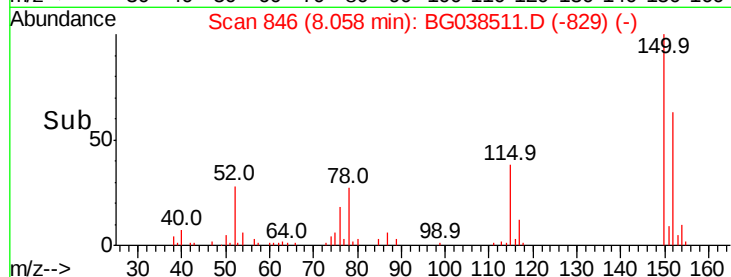
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

Tot Ion:152 Resp: 20664
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 60.1 49.6 74.4



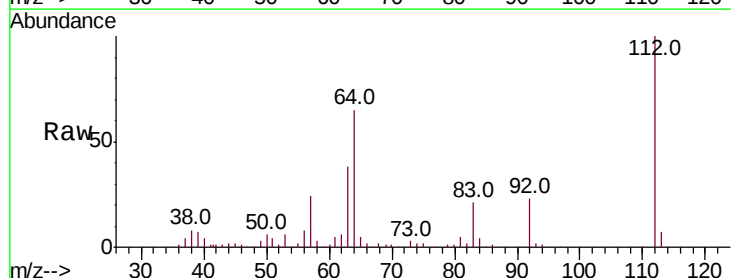
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



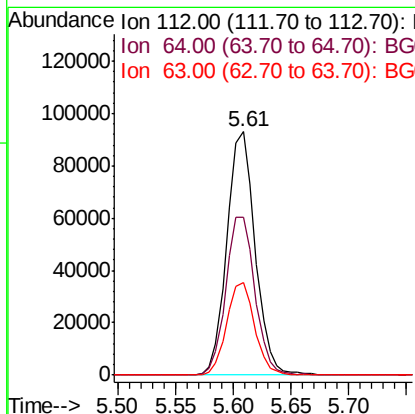
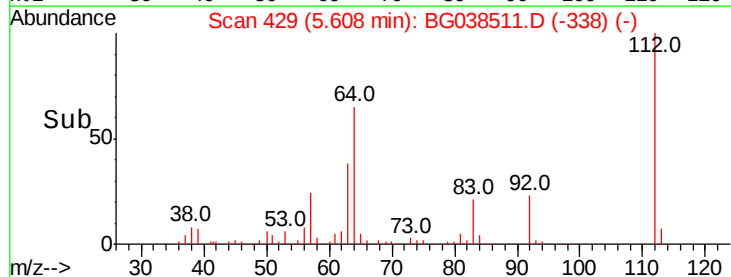
#5

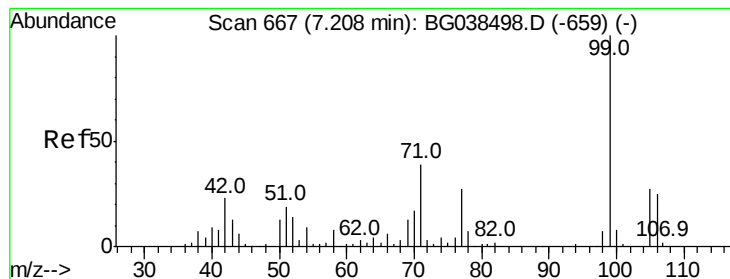
2-Fluorophenol
Concen: 136.045 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion:112 Resp: 158500
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 38.3 29.3 43.9



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: 137.109 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

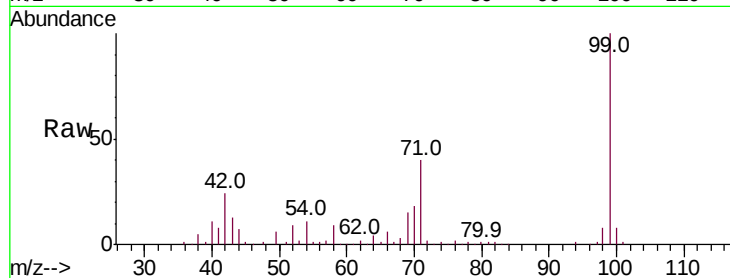
Tot Ion: 99 Resp: 219291

Ion Ratio Lower Upper

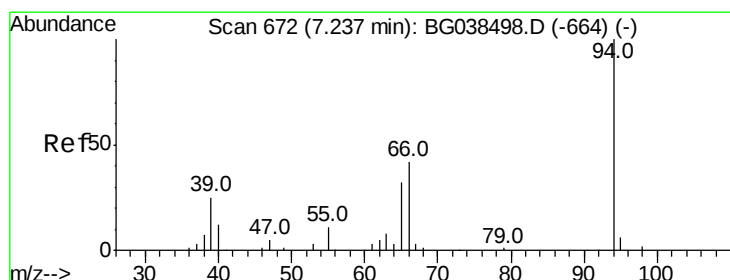
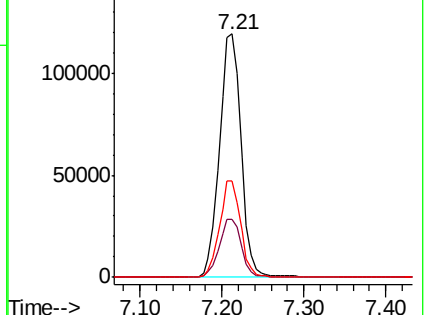
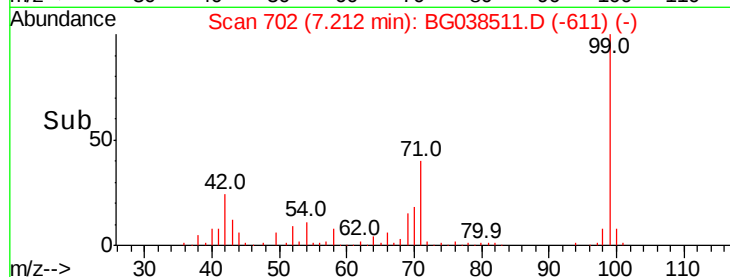
99 100

42 23.9 18.5 27.7

71 39.8 31.1 46.7



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



#10

Phenol

Concen: 6.926 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

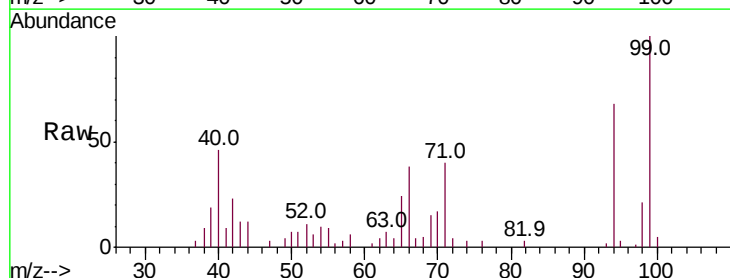
Tgt Ion: 94 Resp: 11769

Ion Ratio Lower Upper

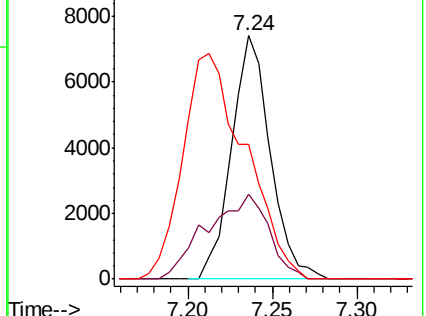
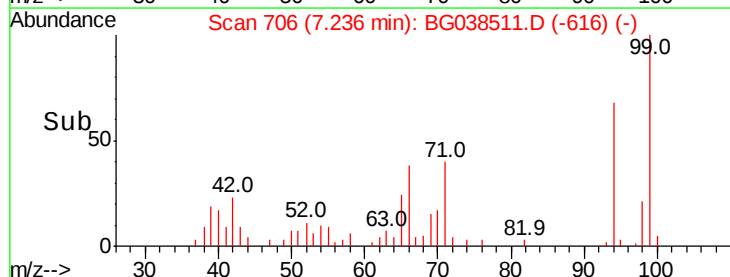
94 100

65 34.7 12.6 52.6

66 55.3 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

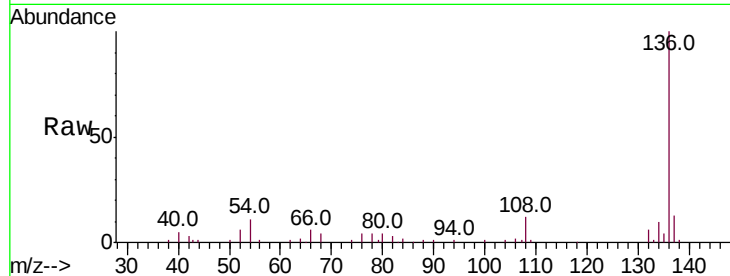




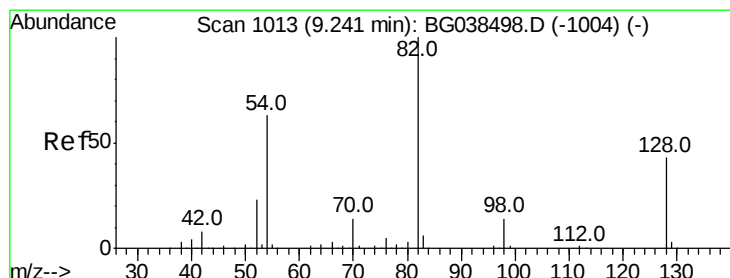
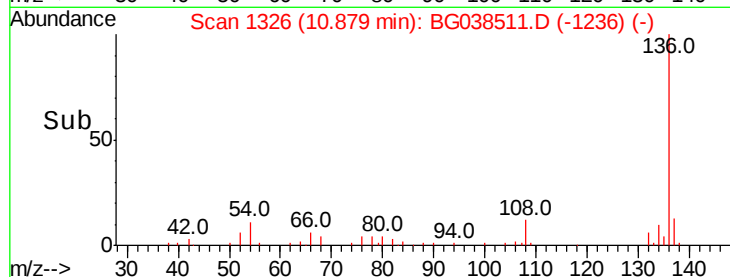
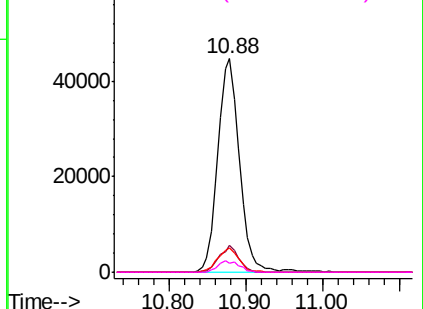
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

Tot Ion:	136	Resp:	87035
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	11.2	8.5	12.7
68	4.2	3.5	5.3

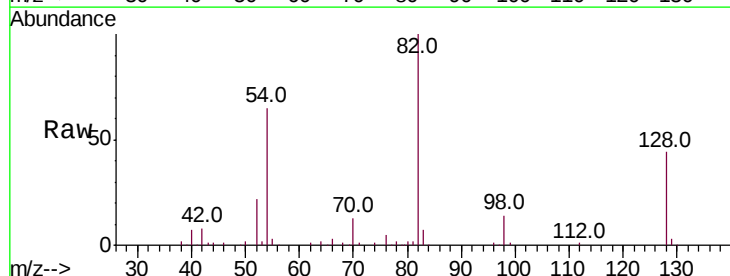


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

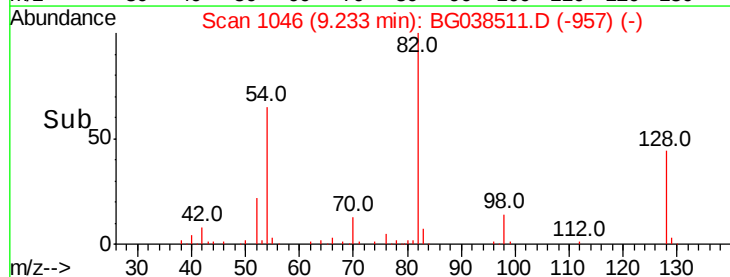
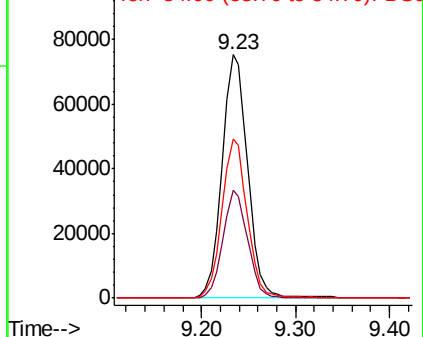


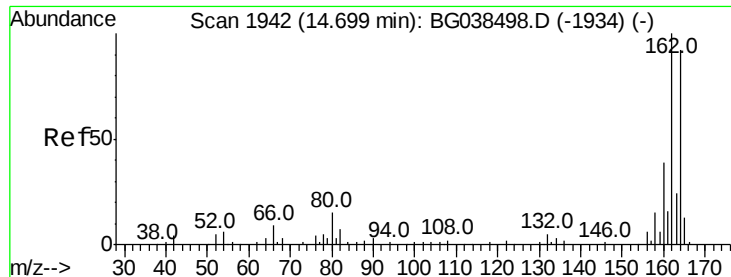
#23
Nitrobenzene-d5
Concen: 83.705 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion:	82	Resp:	142605
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	65.5	50.6	76.0



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

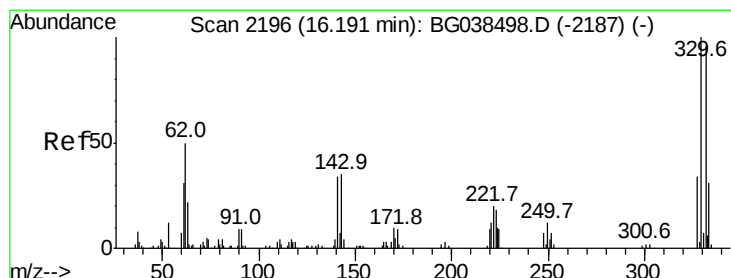
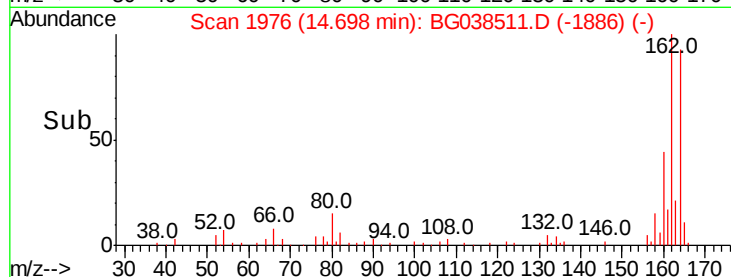
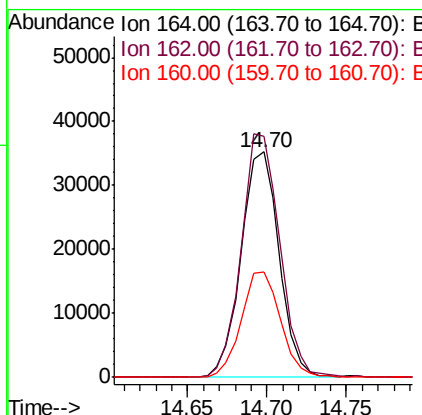
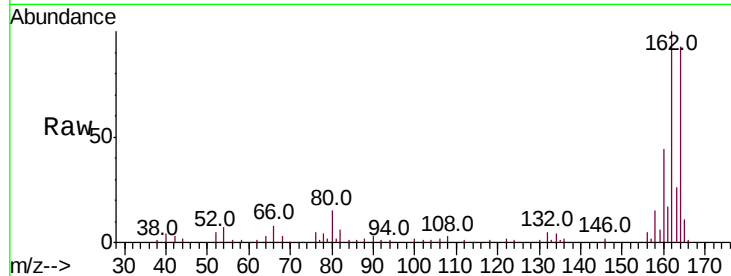




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

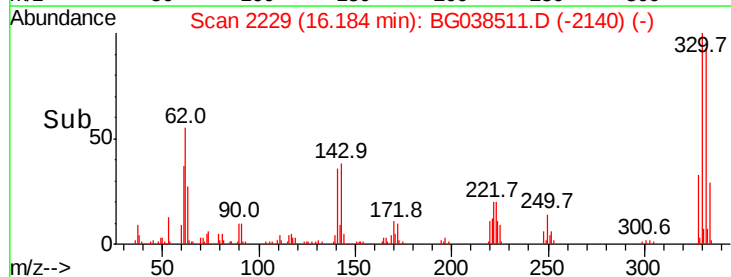
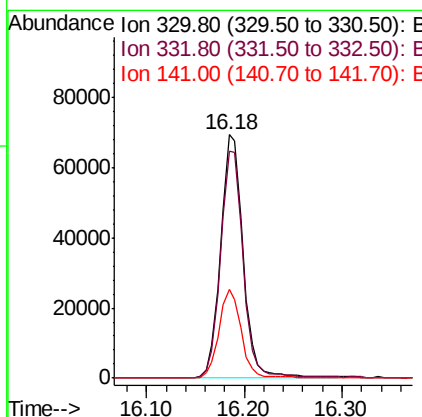
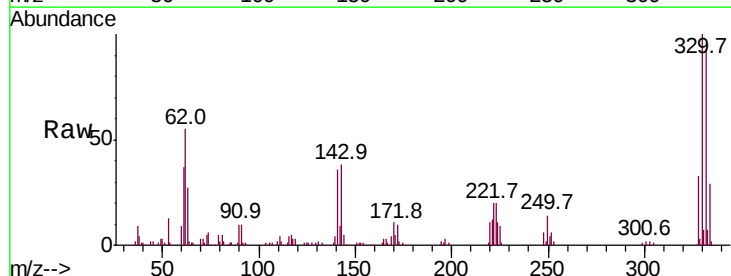
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

Tot Ion:164 Resp: 58699
Ion Ratio Lower Upper
164 100
162 107.1 86.6 130.0
160 47.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 137.909 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion:330 Resp: 111565
Ion Ratio Lower Upper
330 100
332 93.8 76.9 115.3
141 36.1 28.8 43.2

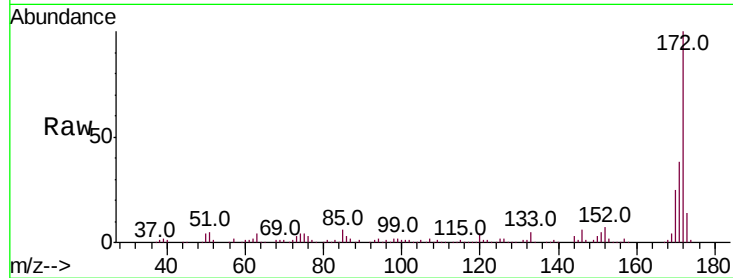




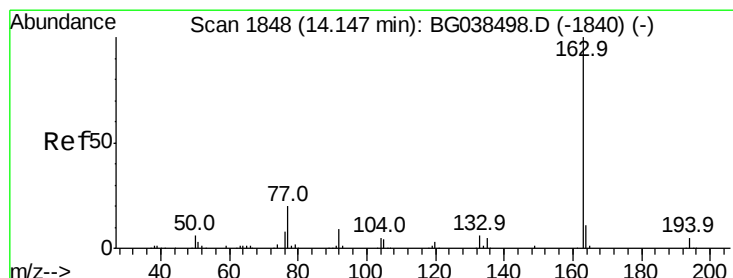
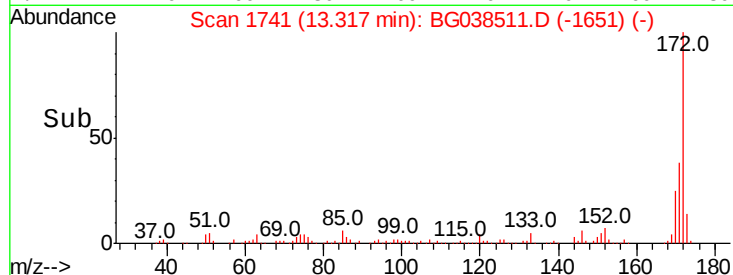
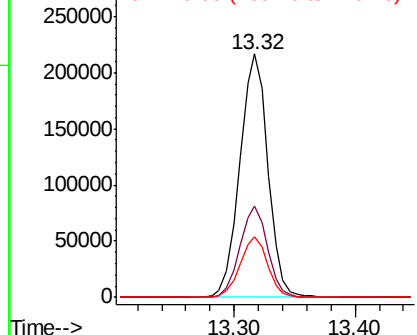
#45
 2-Fluorobiphenyl
 Concen: 82.062 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

Tot Ion:172 Resp: 351131
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 24.8 19.5 29.3

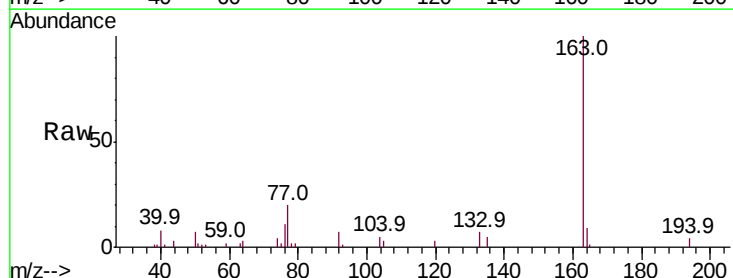


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

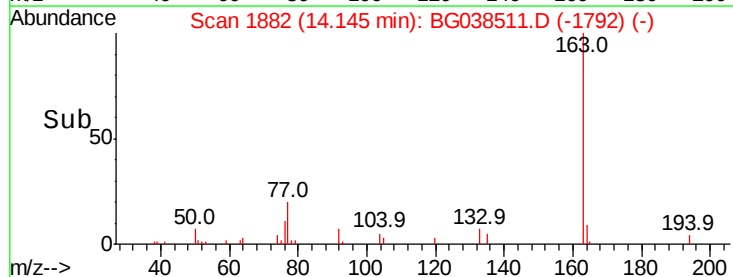
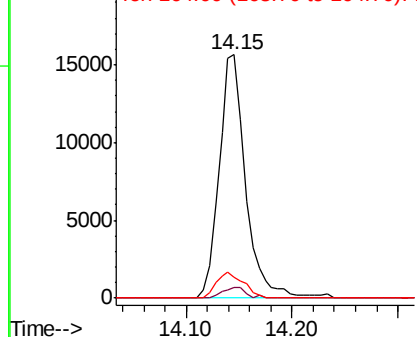


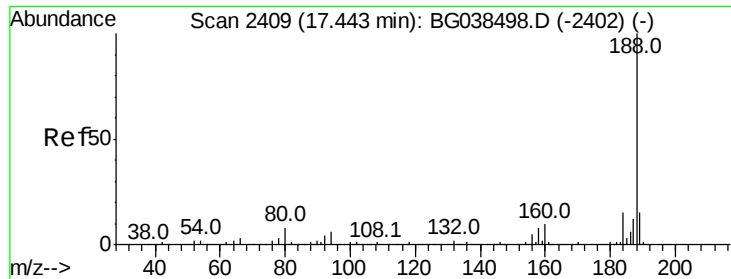
#50
 Dimethylphthalate
 Concen: 5.713 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion:163 Resp: 27387
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.7 5.5
 164 8.8 8.6 12.8



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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

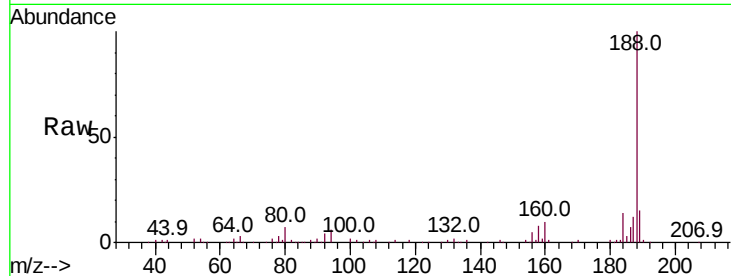
Tot Ion:188 Resp: 163600

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

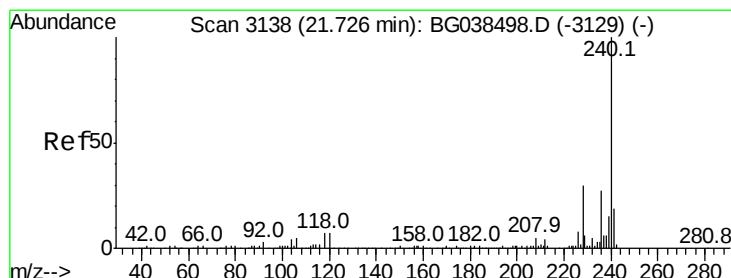
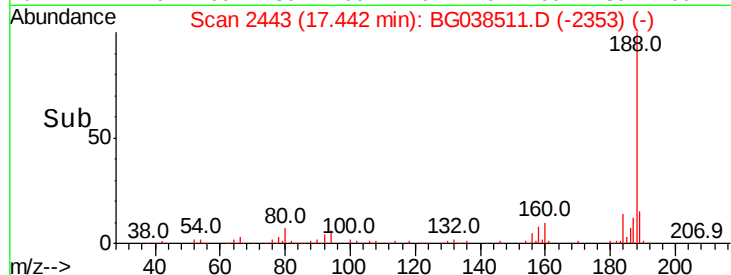
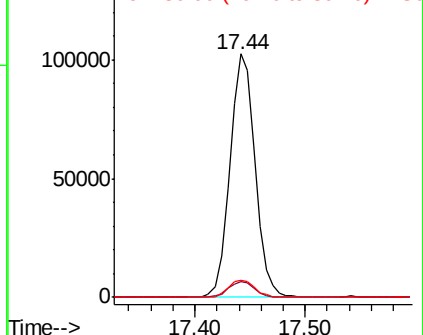
80 7.2 6.1 9.1



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

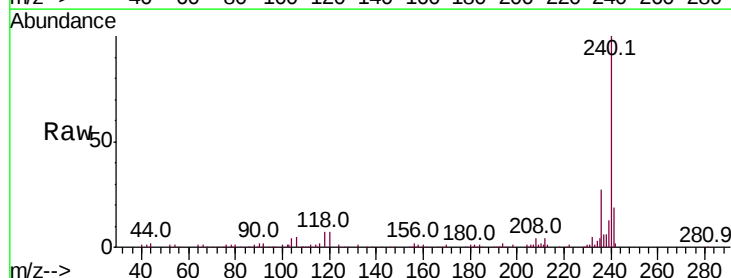
Tgt Ion:240 Resp: 193048

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

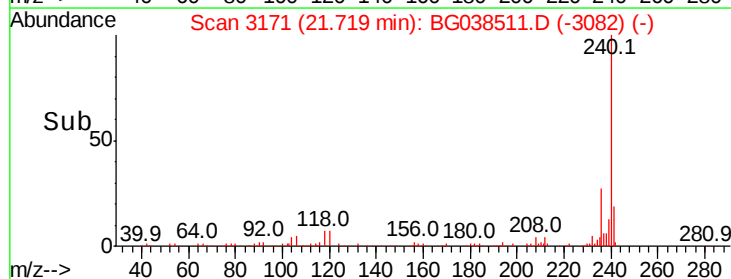
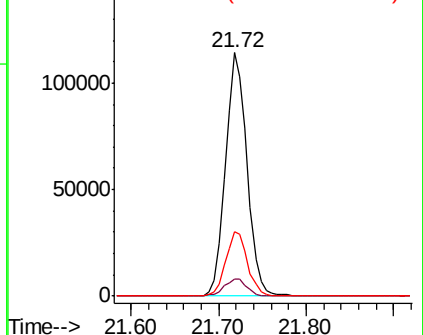
236 26.6 21.4 32.2

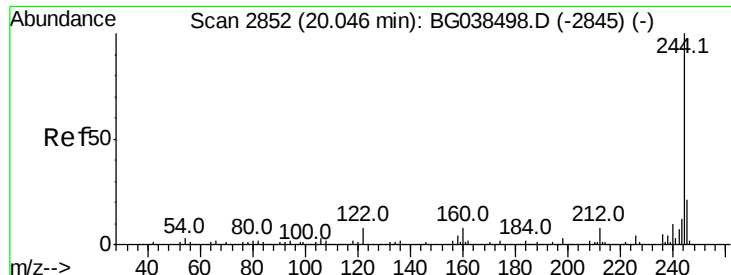


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.869 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

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STOCK-PILE-(5PT-COMP)RE

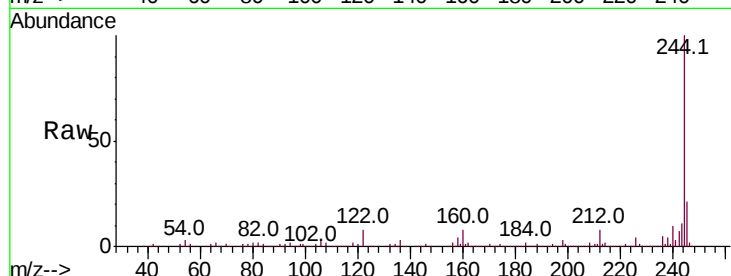
Tot Ion:244 Resp: 779430

Ion Ratio Lower Upper

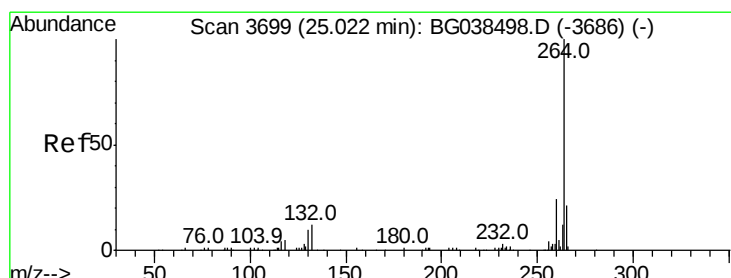
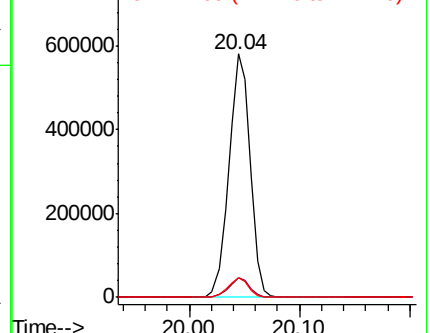
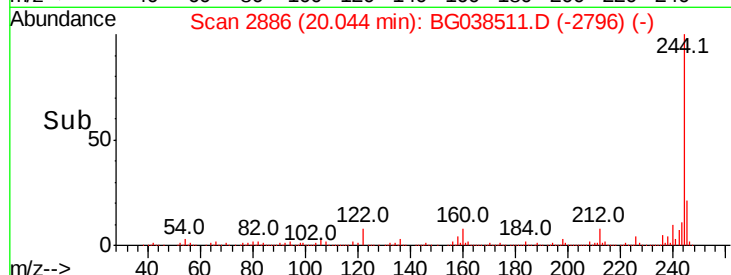
244 100

212 8.2 6.2 9.2

122 8.0 6.3 9.5



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

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

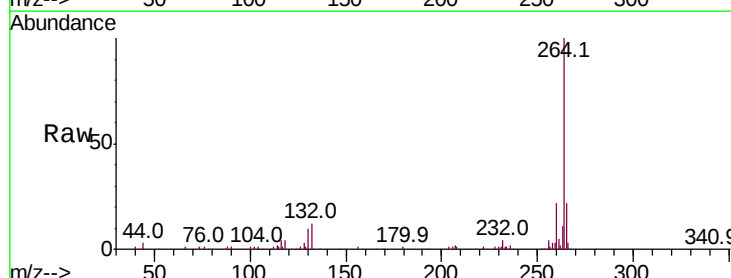
Tgt Ion:264 Resp: 203245

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 22.4 17.0 25.4



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

