

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036411.D
 Acq On : 24 Aug 2018 13:07
 Operator : JU/SJ
 Sample : J4585-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-GRAVEL-STAIN

Quant Time: Aug 24 13:54:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59324	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	236385	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	150138	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	379953	20.00	ng	0.00
75) Chrysene-d12	21.70	240	414206	20.00	ng	0.00
86) Perylene-d12	24.91	264	418096	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	482746	129.08	ng	0.00
7) Phenol-d6	7.22	99	609746	113.88	ng	0.00
23) Nitrobenzene-d5	9.23	82	450125	103.32	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	289444	161.57	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1009528	96.01	ng	0.00
78) Terphenyl-d14	20.04	244	1700852	95.98	ng	0.00

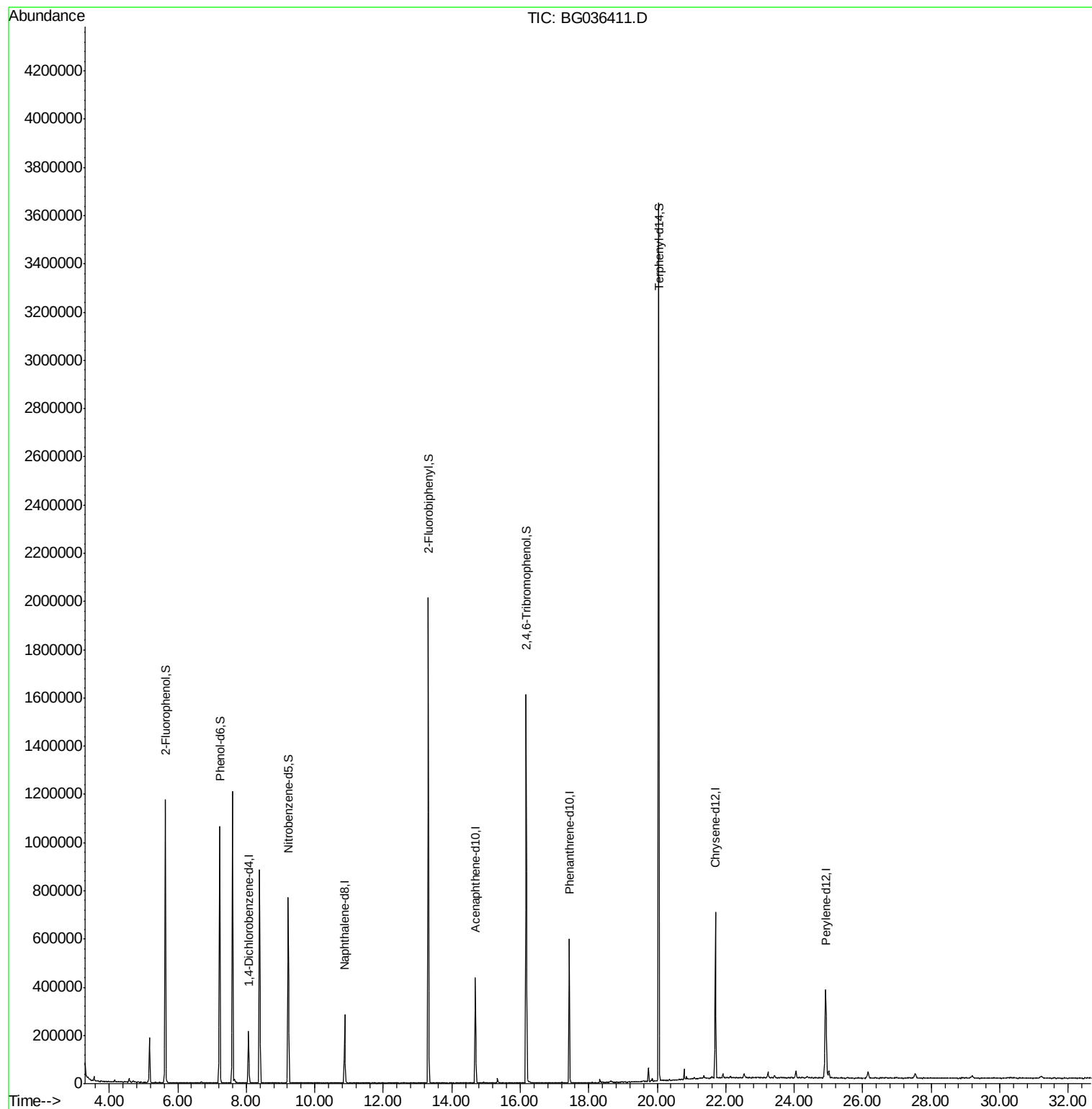
Target Compounds Qvalue

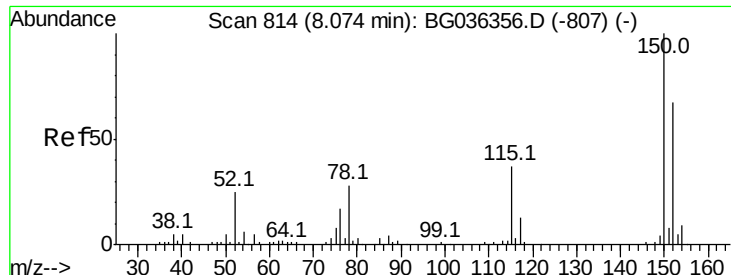
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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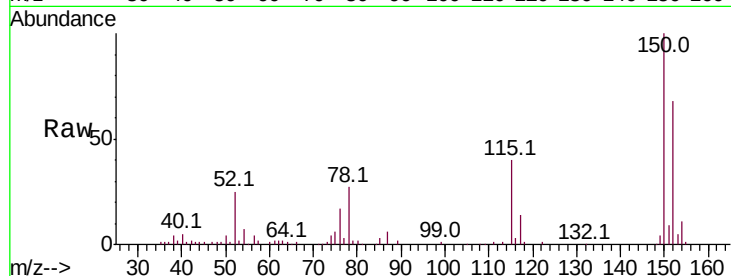


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036411.D
Acq: 24 Aug 2018 13:07

Instrument :
BNA_G
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	58.3	44.5	66.7

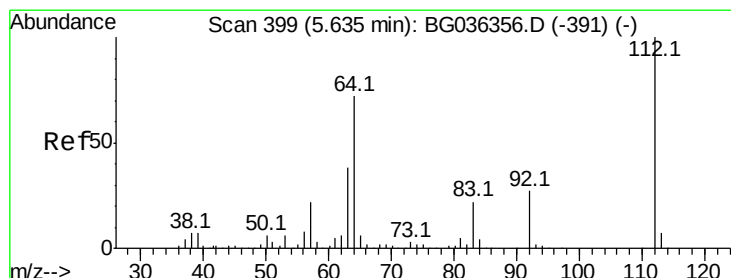
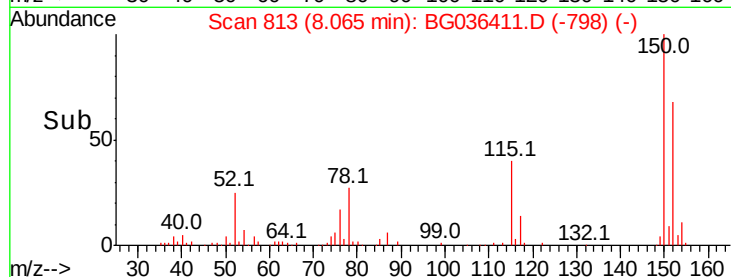
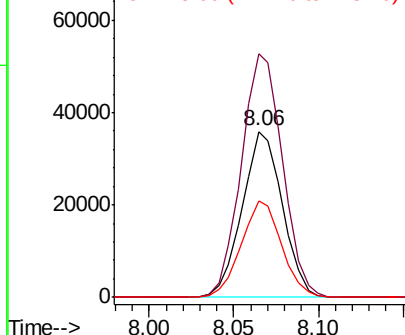


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

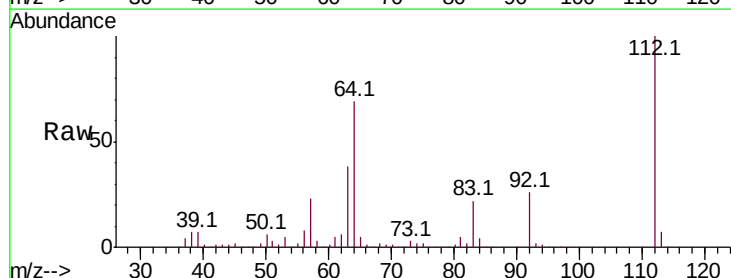
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.084 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036411.D
Acq: 24 Aug 2018 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	37.5	30.8	46.2

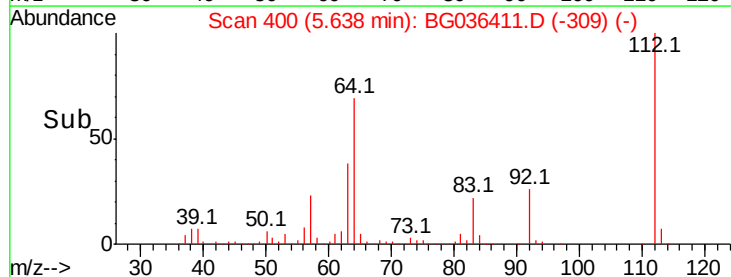
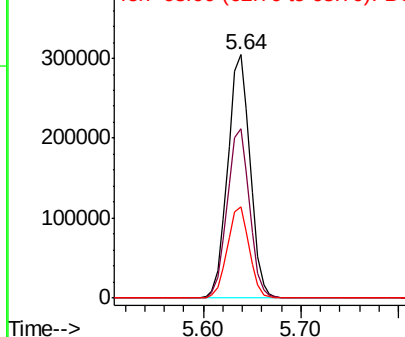


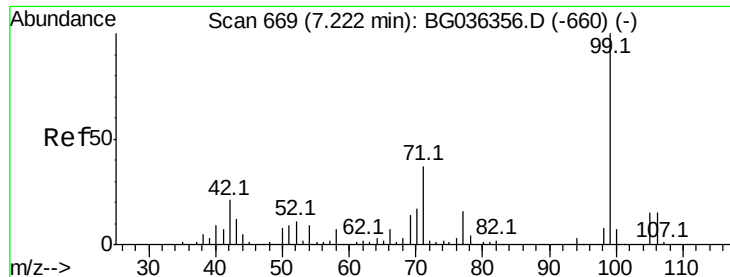
Abundance

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: 113.877 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

Instrument :

BNA_G

ClientSampleId :

WS-GRAVEL-STAIN

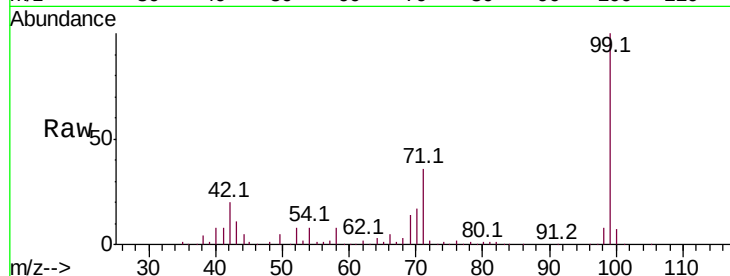
Tot Ion: 99 Resp: 609746

Ion Ratio Lower Upper

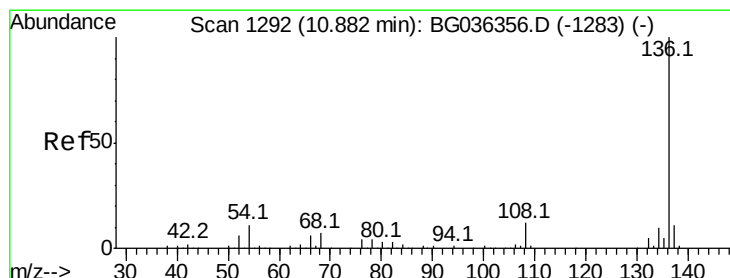
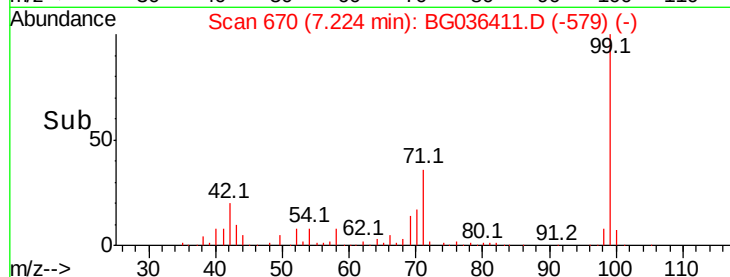
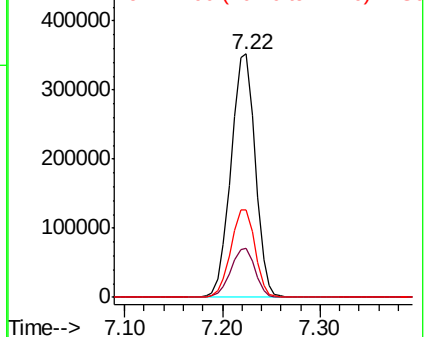
99 100

42 20.0 16.5 24.7

71 36.1 29.4 44.2



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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

Tgt Ion: 136 Resp: 236385

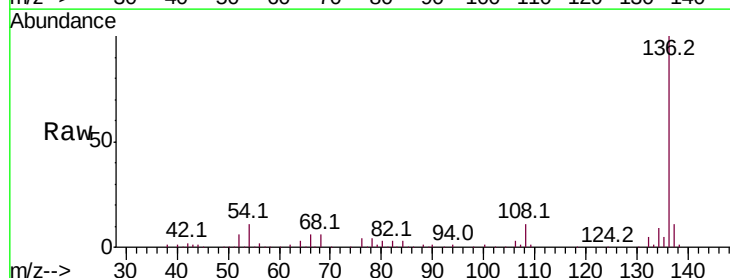
Ion Ratio Lower Upper

136 100

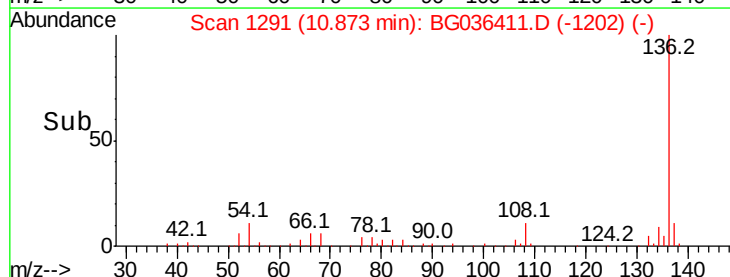
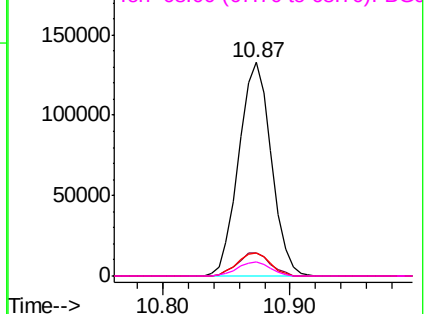
137 10.9 8.8 13.2

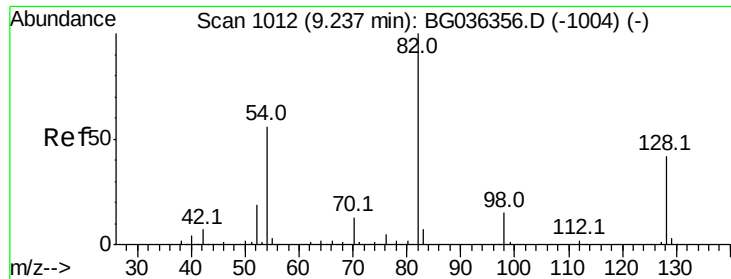
54 10.8 9.2 13.8

68 6.4 5.8 8.6



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

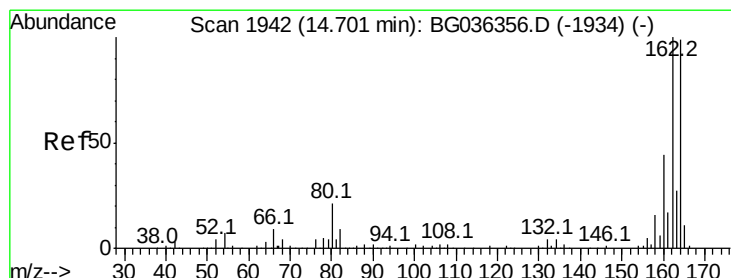
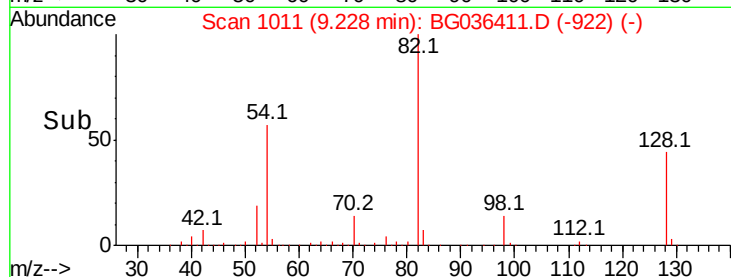
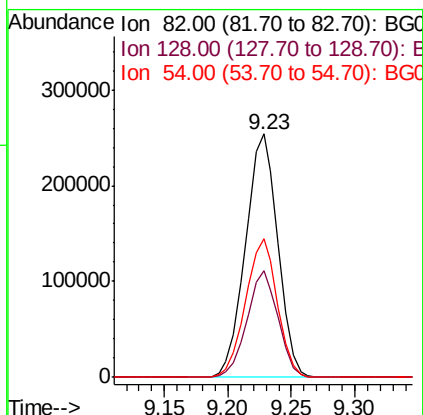
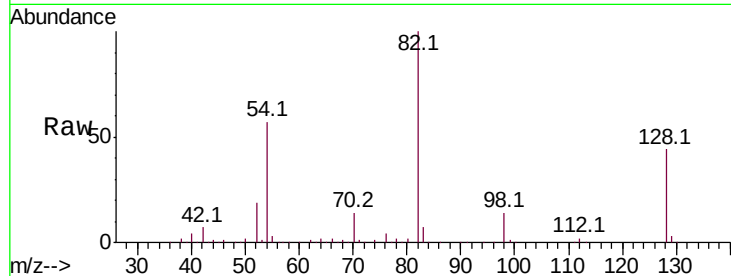




#23
 Nitrobenzene-d5
 Concen: 103.316 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036411.D
 Acq: 24 Aug 2018 13:07

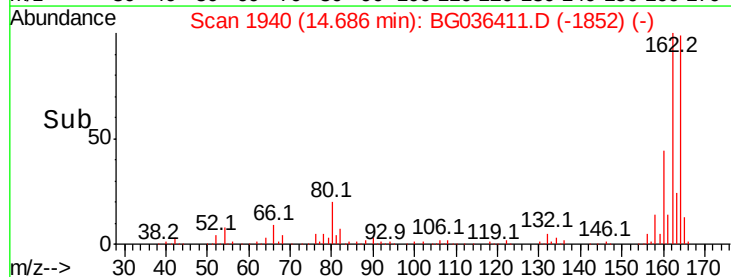
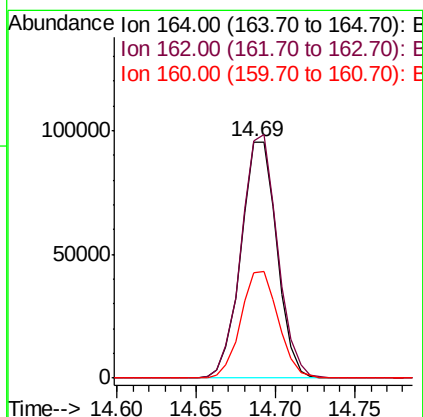
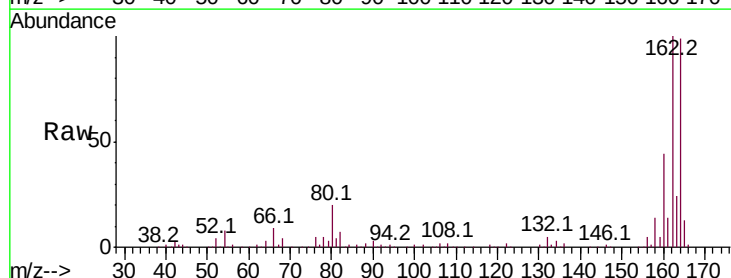
Instrument :
 BNA_G
 ClientSampleId :
 WS-GRAVEL-STAIN

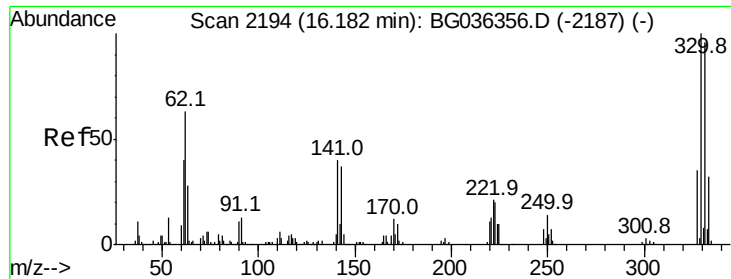
Tot Ion: 82 Resp: 450125
 Ion Ratio Lower Upper
 82 100
 128 43.9 33.3 49.9
 54 57.1 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036411.D
 Acq: 24 Aug 2018 13:07

Tgt Ion: 164 Resp: 150138
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.7 121.1
 160 44.6 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 161.567 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

Instrument :

BNA_G

ClientSampleId :

WS-GRAVEL-STAIN

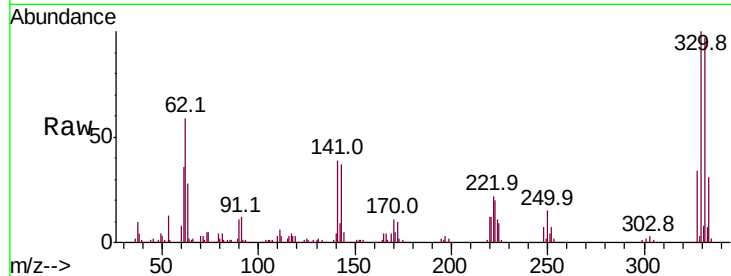
Tot Ion:330 Resp: 289444

Ion Ratio Lower Upper

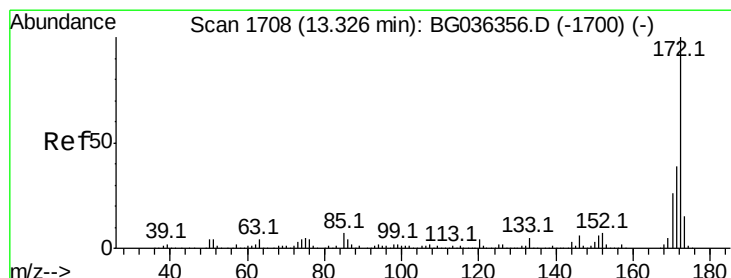
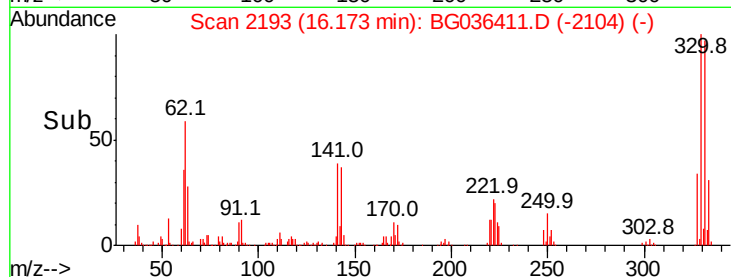
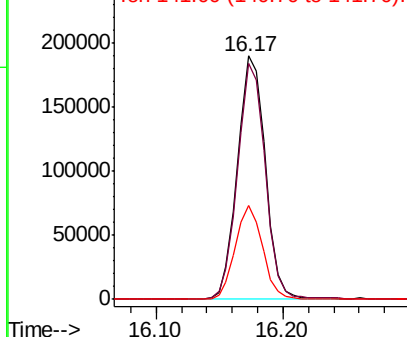
330 100

332 96.5 75.4 113.2

141 37.7 30.7 46.1



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: 96.007 ng

RT: 13.32 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

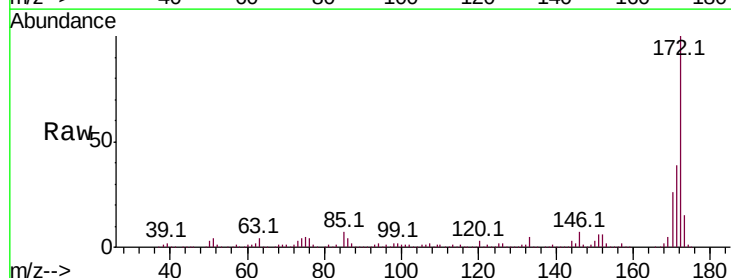
Tgt Ion:172 Resp: 1009528

Ion Ratio Lower Upper

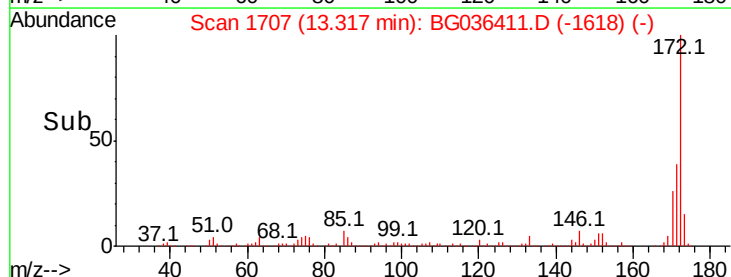
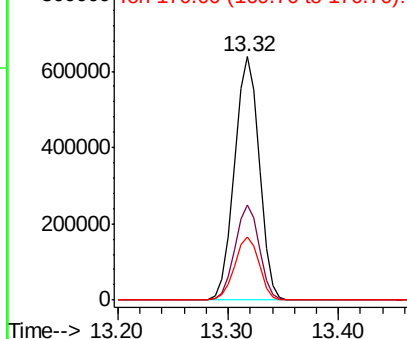
172 100

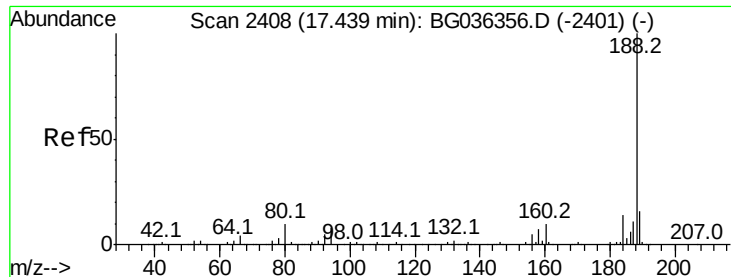
171 39.3 31.3 46.9

170 26.0 21.0 31.6



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

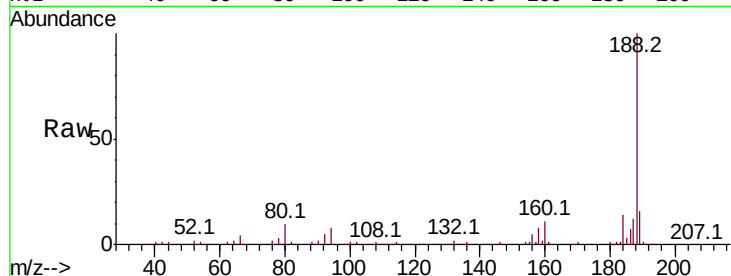




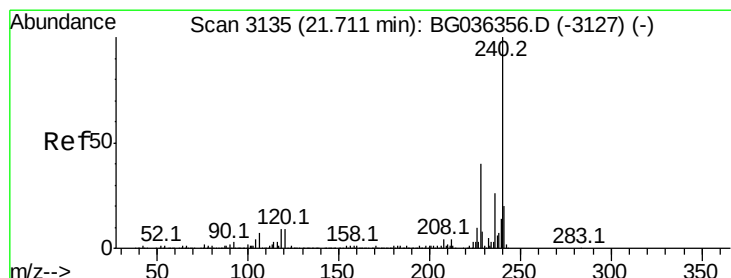
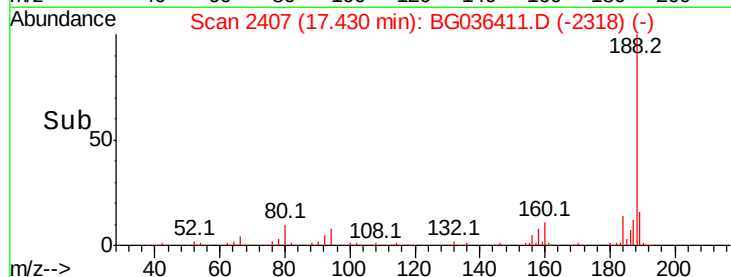
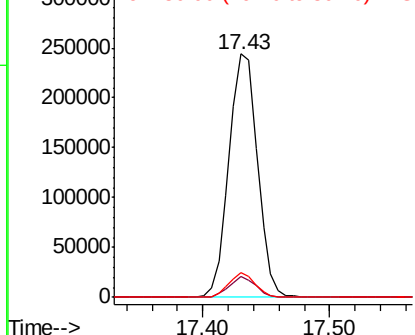
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036411.D
Acq: 24 Aug 2018 13:07

Instrument :
BNA_G
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion:188 Resp: 379953
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.2 8.1 12.1

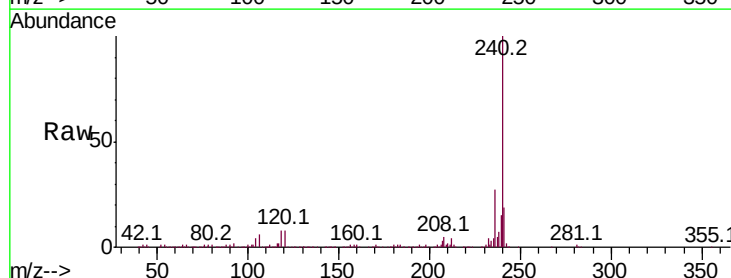


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

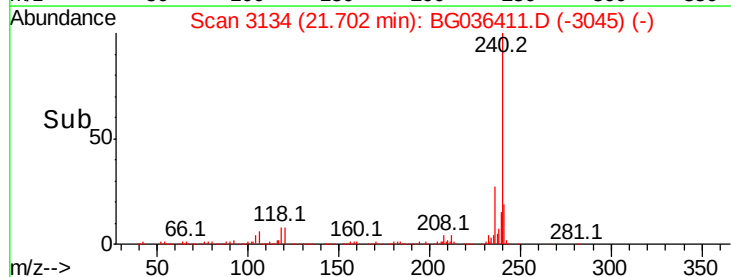
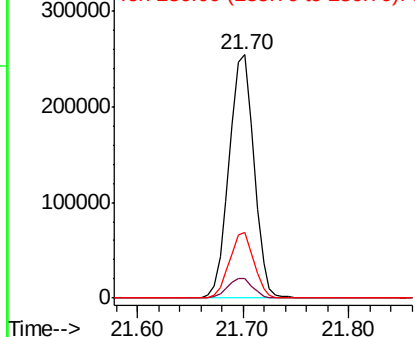


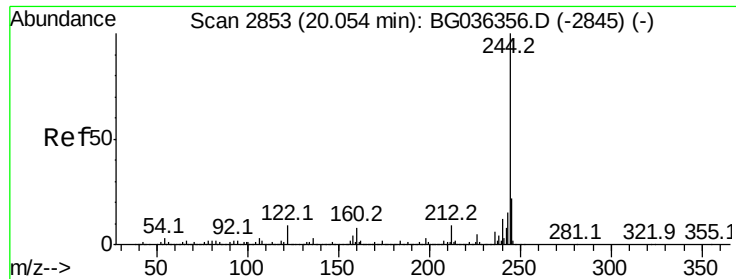
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036411.D
Acq: 24 Aug 2018 13:07

Tgt Ion:240 Resp: 414206
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 27.0 21.2 31.8



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: 95.978 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

Instrument :

BNA_G

ClientSampleId :

WS-GRAVEL-STAIN

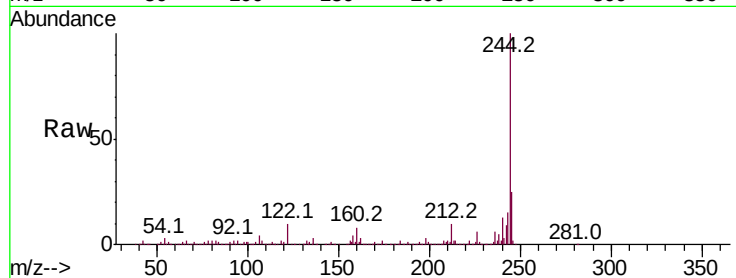
Tot Ion:244 Resp: 1700852

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

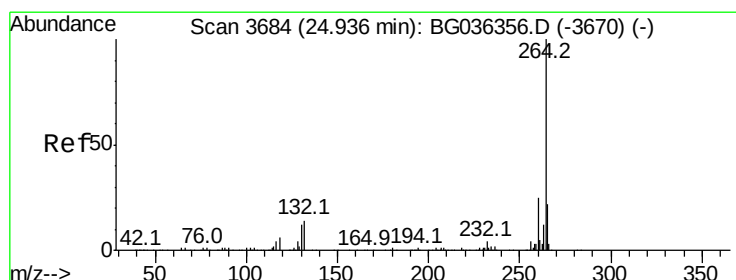
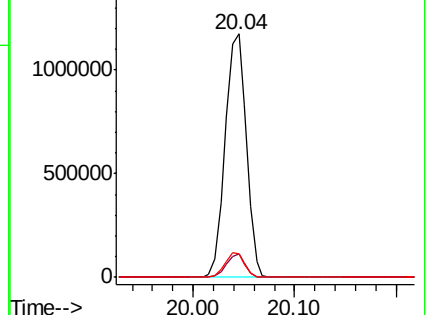
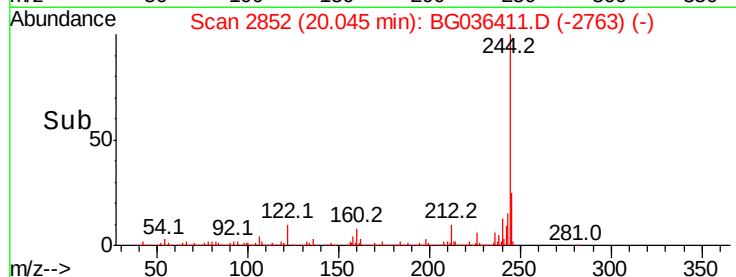
122 9.6 7.1 10.7



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: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036411.D

Acq: 24 Aug 2018 13:07

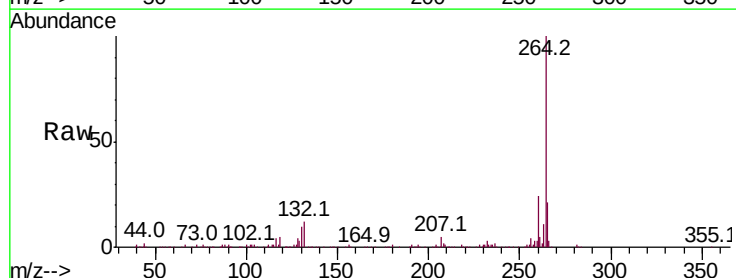
Tgt Ion:264 Resp: 418096

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.1 17.4 26.0



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

