

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036567.D
 Acq On : 5 Sep 2018 19:17
 Operator : JU/SJ
 Sample : J4741-28
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-D

Quant Time: Sep 06 02:57:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

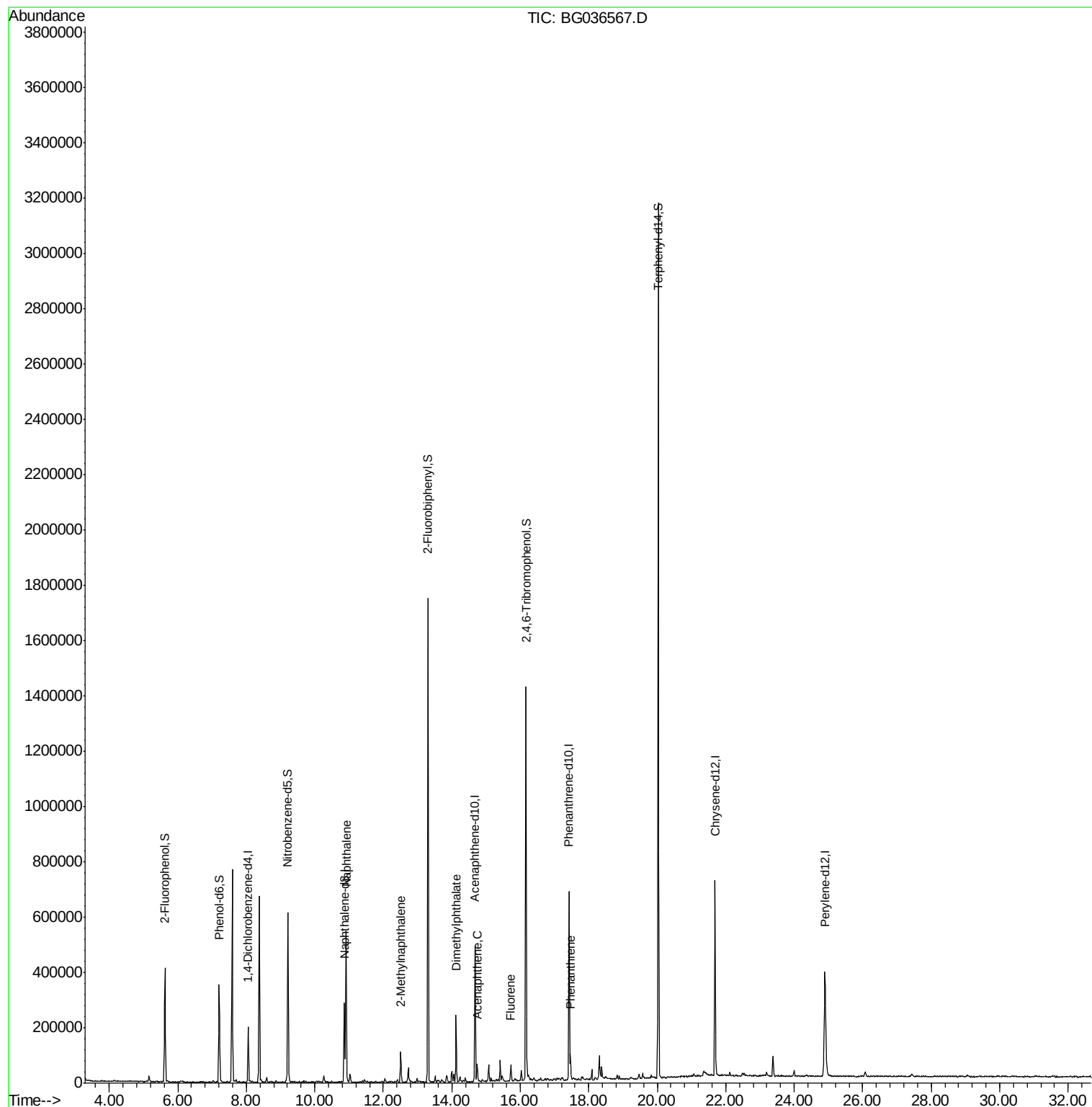
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57703	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245428	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168534	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424140	20.00	ng	0.00
75) Chrysene-d12	21.69	240	443828	20.00	ng	0.00
86) Perylene-d12	24.90	264	443723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	177546	48.81	ng	0.00
7) Phenol-d6	7.21	99	207194	39.78	ng	-0.01
23) Nitrobenzene-d5	9.22	82	370027	81.80	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	267063	132.80	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883482	74.85	ng	0.00
78) Terphenyl-d14	20.03	244	1501184	79.06	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.91	128	441042	35.949	ng	99
37) 2-Methylnaphthalene	12.51	142	52725	5.873	ng	95
49) Dimethylphthalate	14.13	163	157281	11.429	ng	99
51) Acenaphthene	14.75	154	25345	2.371	ng	90
57) Fluorene	15.73	166	26399	2.109	ng	93
70) Phenanthrene	17.47	178	55964	2.597	ng	95

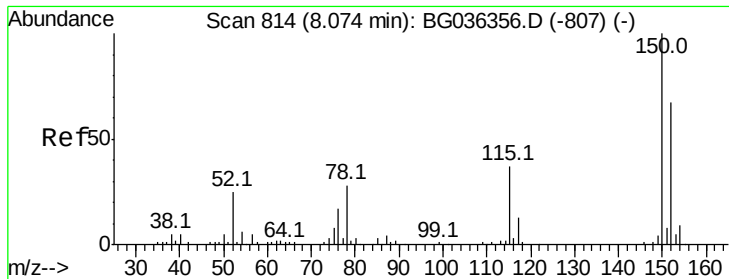
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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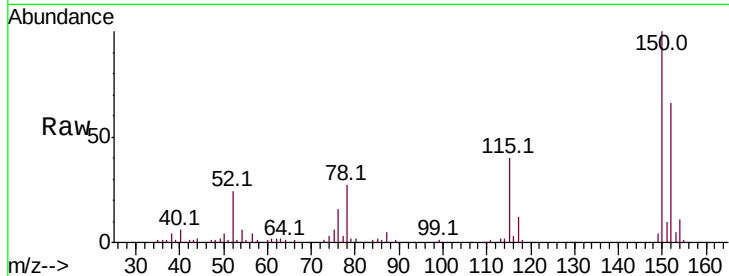


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	60.5	44.5	66.7

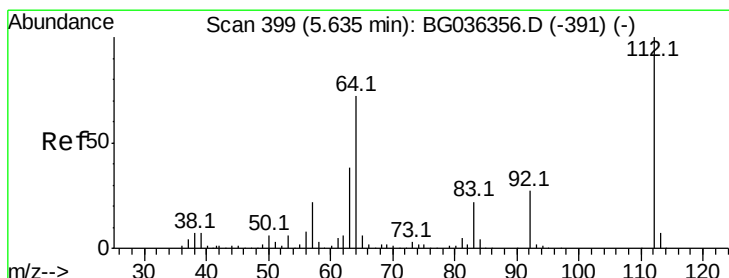
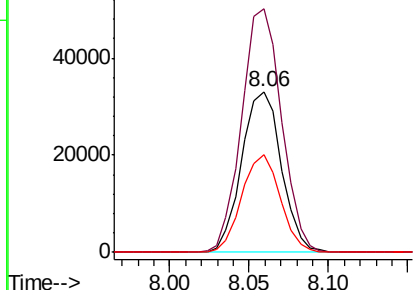
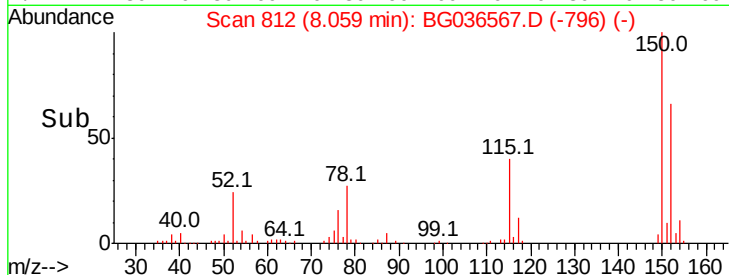


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

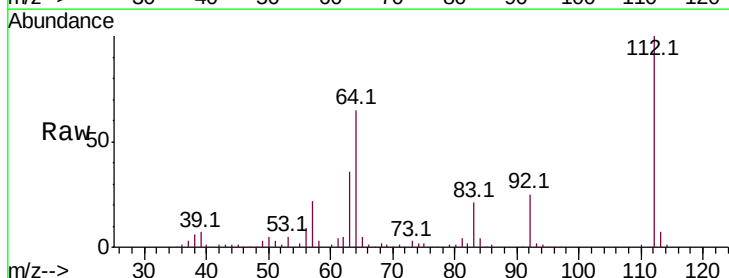
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.809 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	57.2	85.8
63	35.8	30.8	46.2

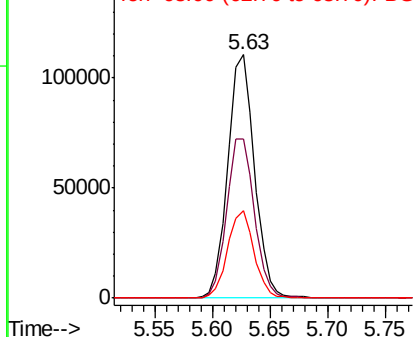
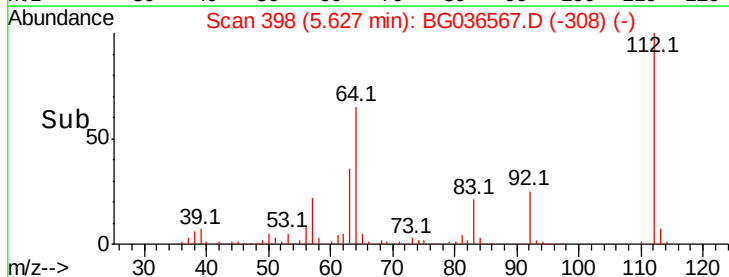


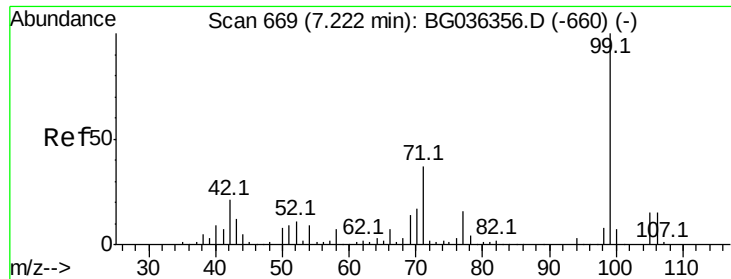
Abundance

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: 39.783 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

Instrument :

BNA_G

ClientSampleId :

A0C2-04-D

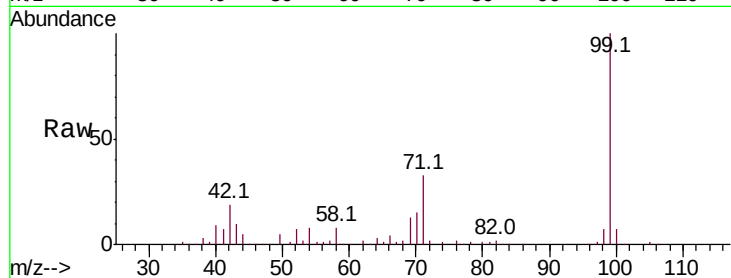
Tot Ion: 99 Resp: 207194

Ion Ratio Lower Upper

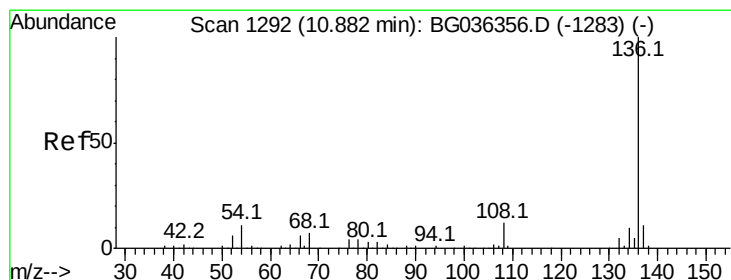
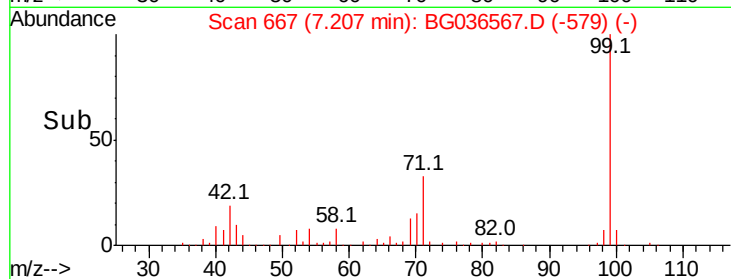
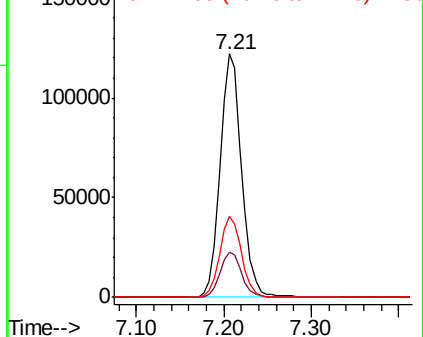
99 100

42 18.8 16.5 24.7

71 33.2 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

Tgt Ion: 136 Resp: 245428

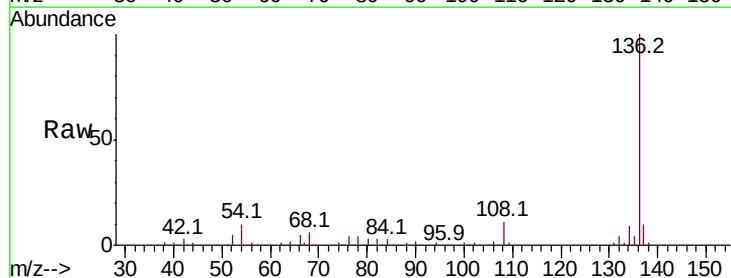
Ion Ratio Lower Upper

136 100

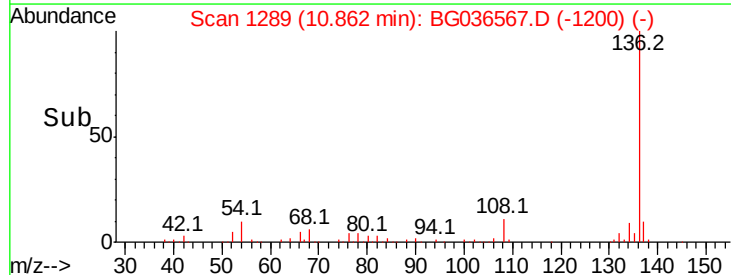
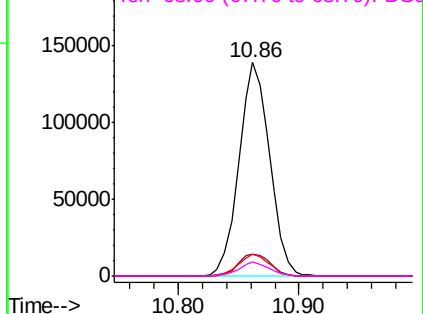
137 10.4 8.8 13.2

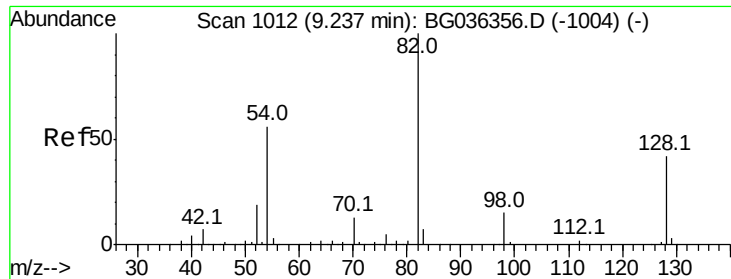
54 10.0 9.2 13.8

68 6.4 5.8 8.6



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

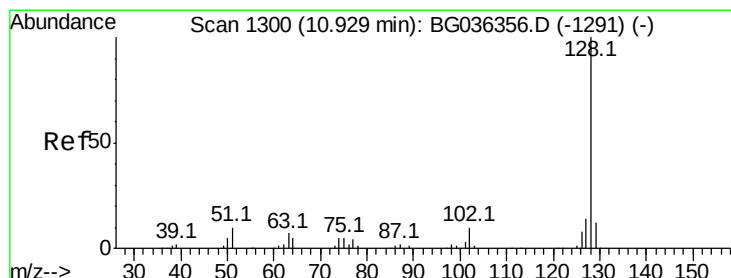
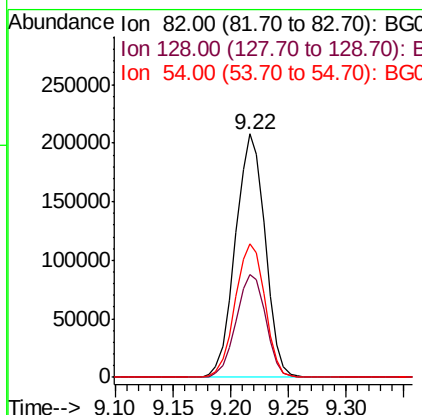
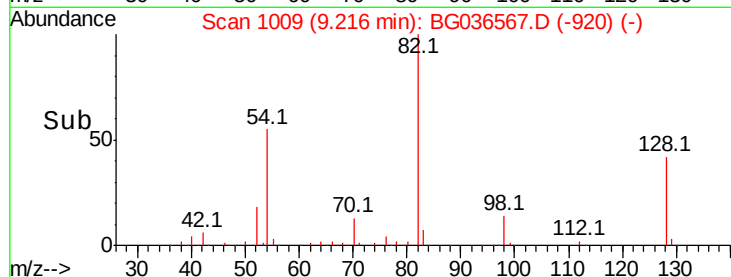
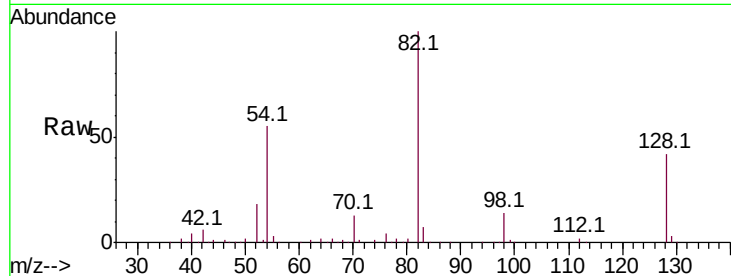




#23
 Nitrobenzene-d5
 Concen: 81.802 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036567.D
 Acq: 5 Sep 2018 19:17

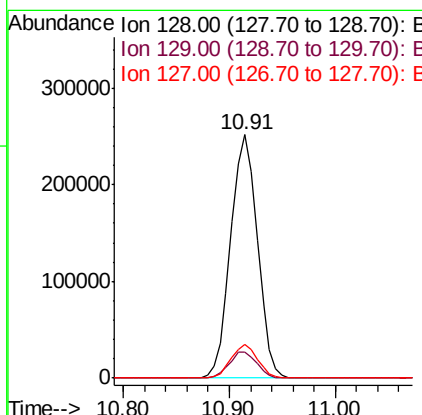
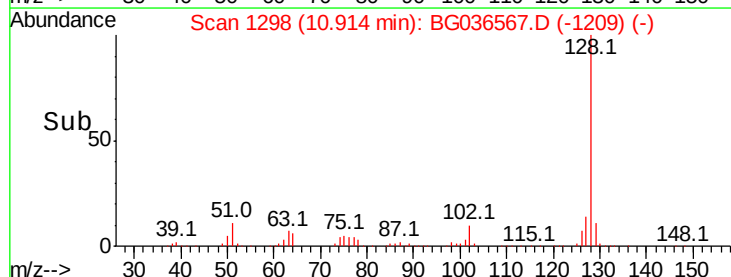
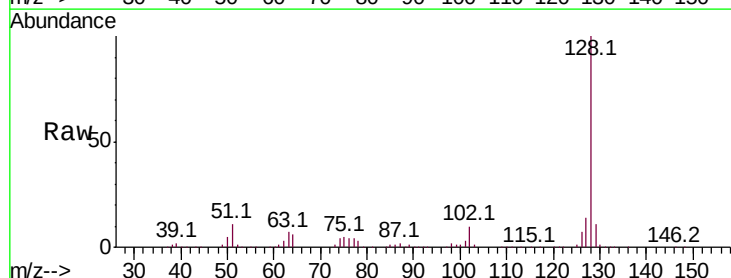
Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-D

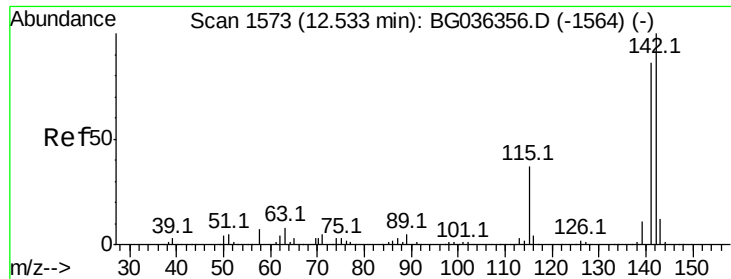
Tot Ion: 82 Resp: 370027
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.3 49.9
 54 55.0 45.1 67.7



#31
 Naphthalene
 Concen: 35.949 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG036567.D
 Acq: 5 Sep 2018 19:17

Tgt Ion: 128 Resp: 441042
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.4 14.2
 127 14.0 11.0 16.4

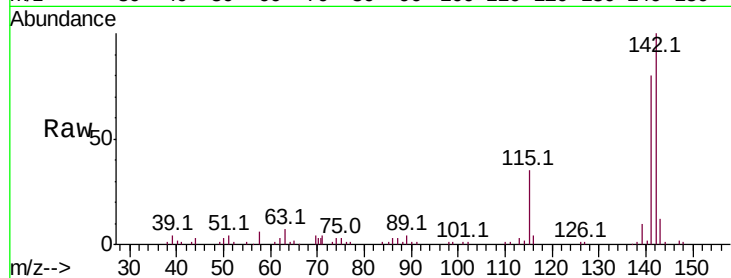




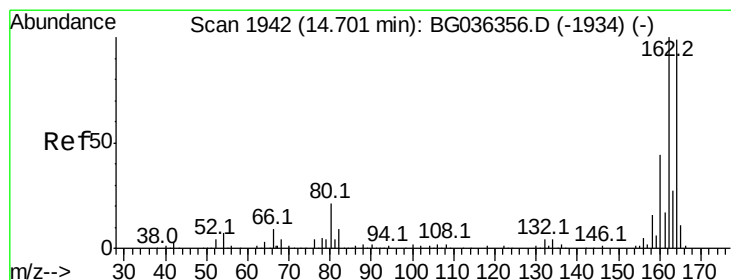
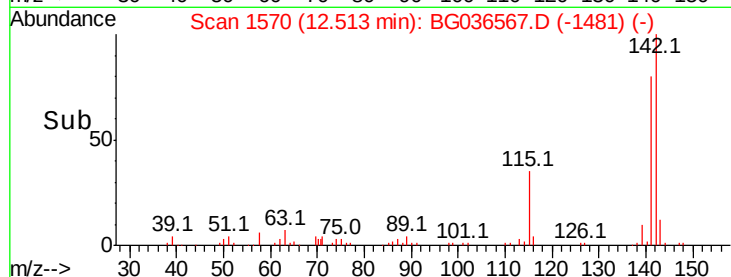
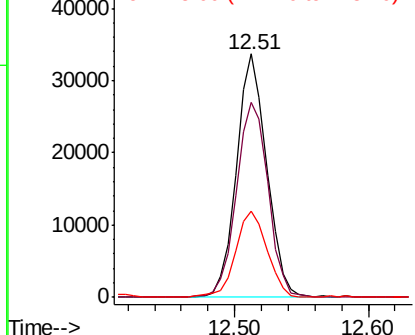
#37
2-Methylnaphthalene
Concen: 5.873 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tot Ion:142 Resp: 52725
Ion Ratio Lower Upper
142 100
141 79.9 68.5 102.7
115 35.2 29.8 44.8

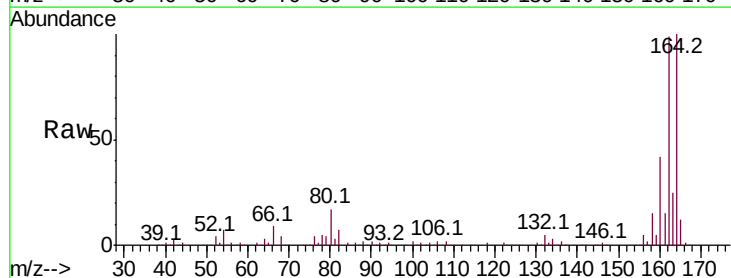


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

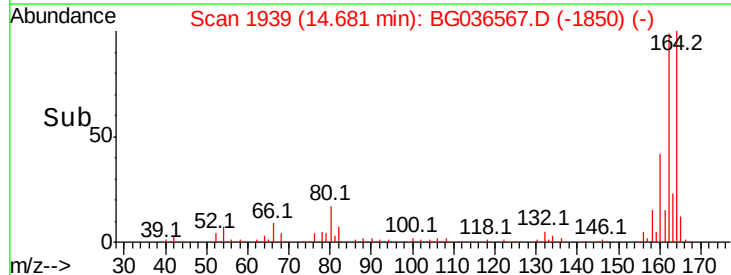
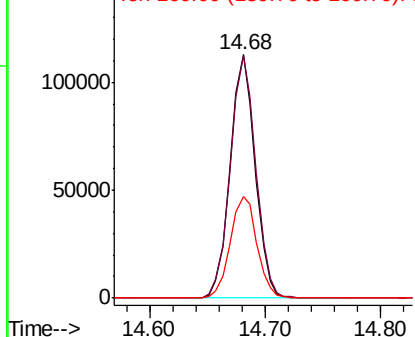


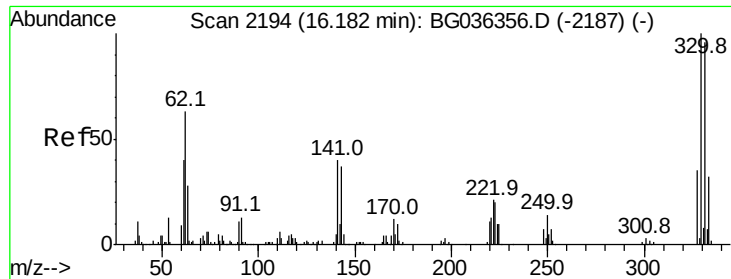
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:164 Resp: 168534
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 41.7 35.3 52.9



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





#41

2,4,6-Tribromophenol

Concen: 132.802 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

Instrument :

BNA_G

ClientSampleId :

A0C2-04-D

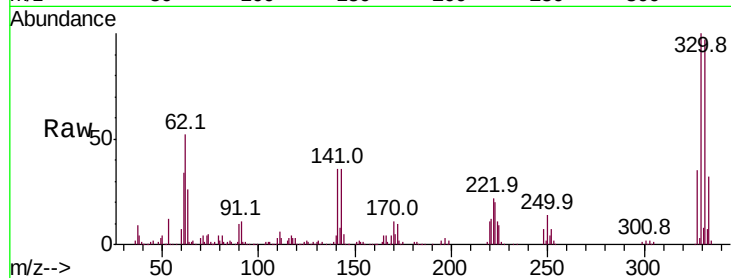
Tot Ion:330 Resp: 267063

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

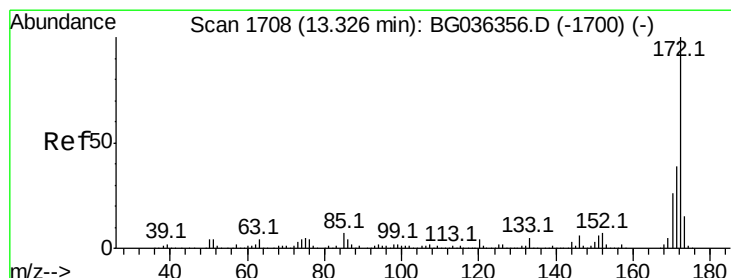
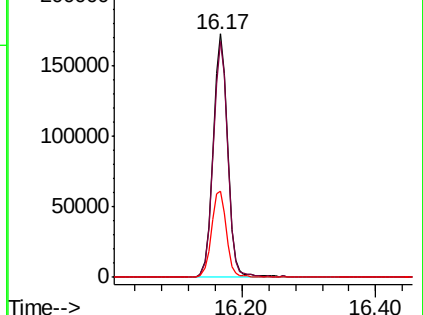
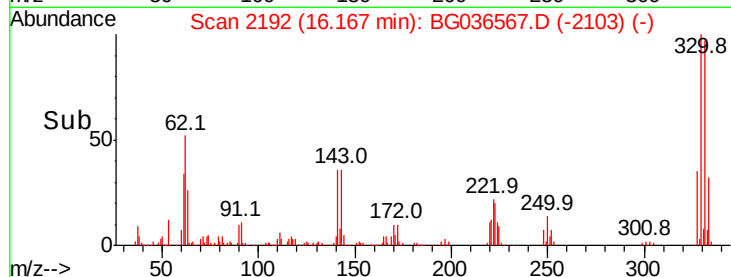
141 36.4 30.7 46.1



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: 74.849 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

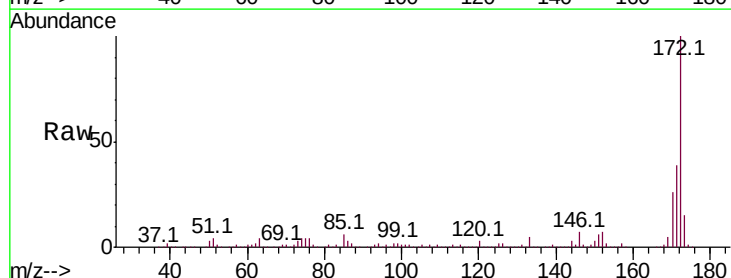
Tgt Ion:172 Resp: 883482

Ion Ratio Lower Upper

172 100

171 39.2 31.3 46.9

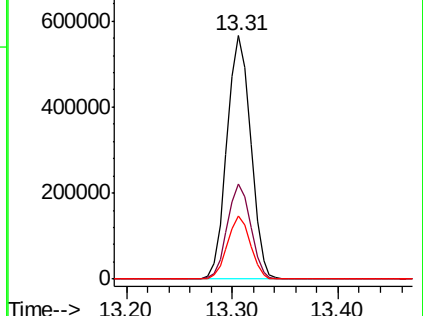
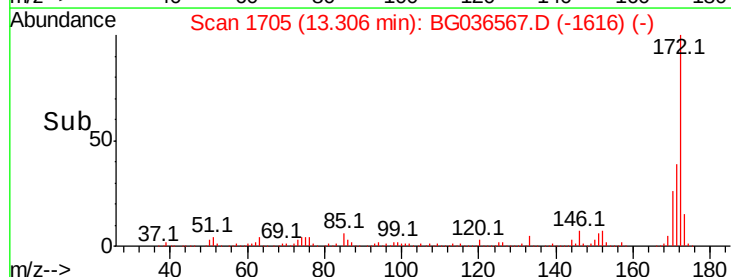
170 26.2 21.0 31.6

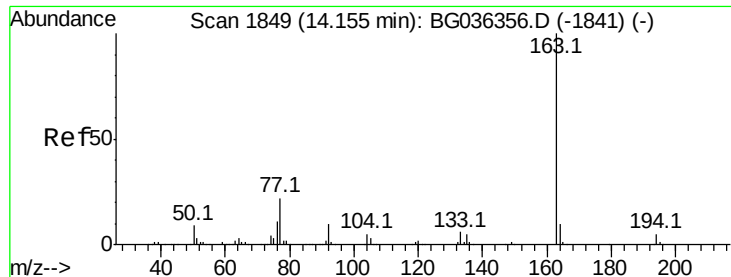


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.429 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

Instrument :

BNA_G

ClientSampled :

A0C2-04-D

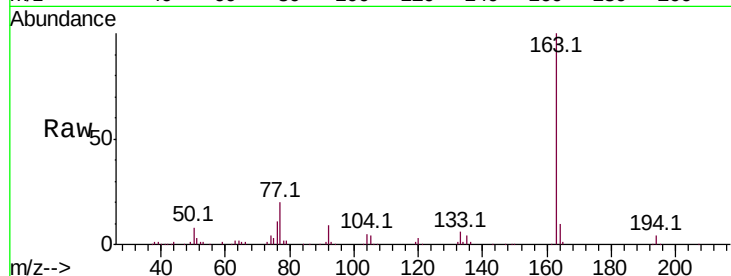
Tot Ion:163 Resp: 157281

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

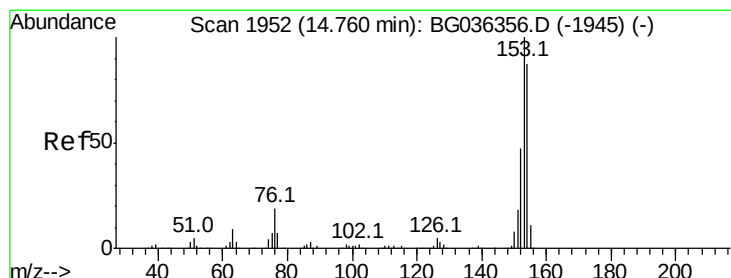
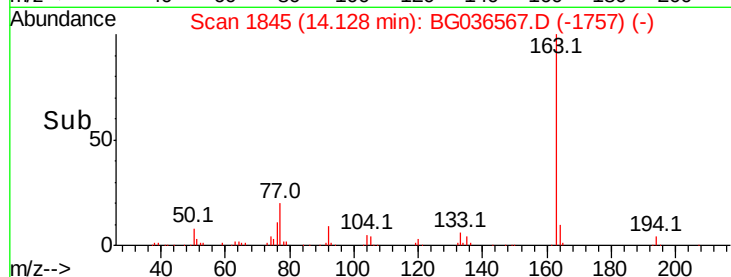
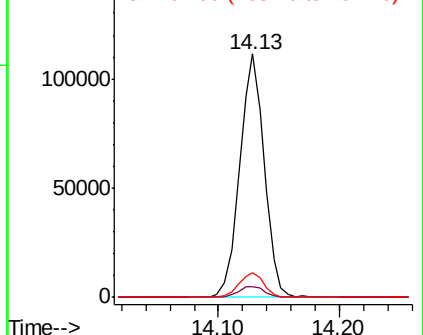
164 10.1 8.1 12.1



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



#51

Acenaphthene

Concen: 2.371 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

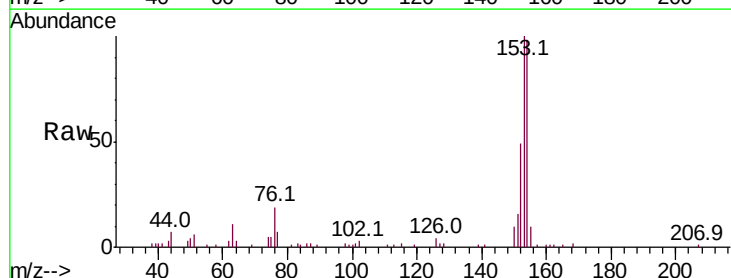
Tgt Ion:154 Resp: 25345

Ion Ratio Lower Upper

154 100

153 101.9 91.8 137.6

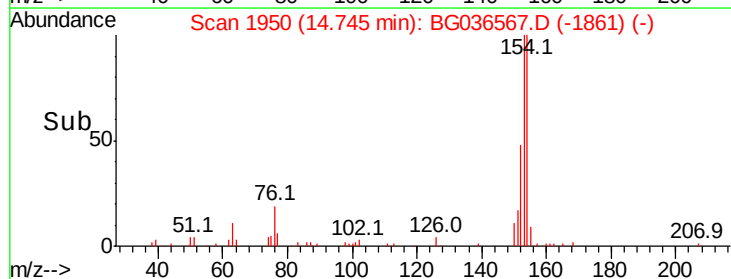
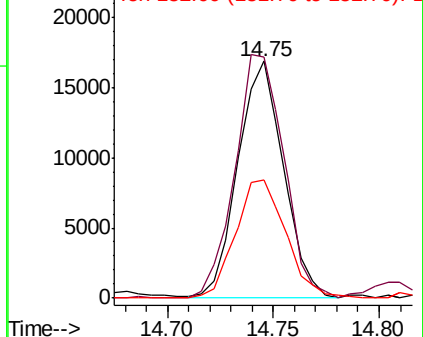
152 49.8 43.5 65.3

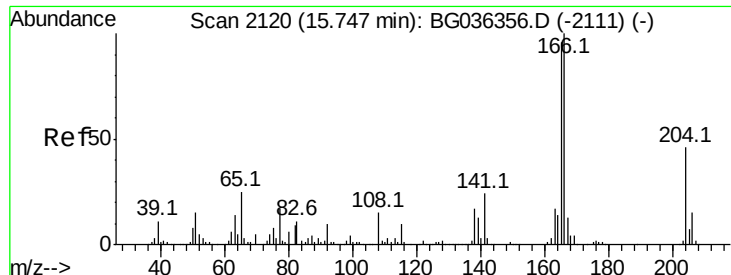


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

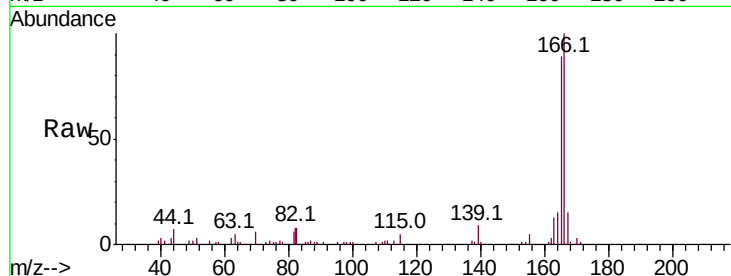




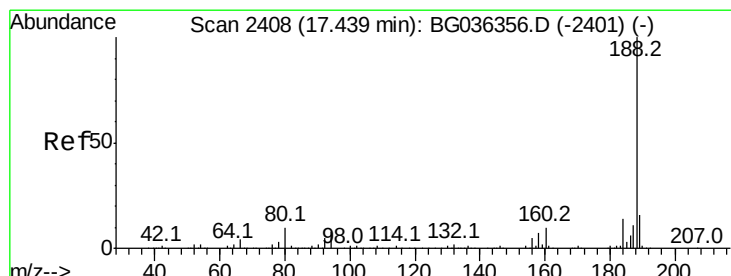
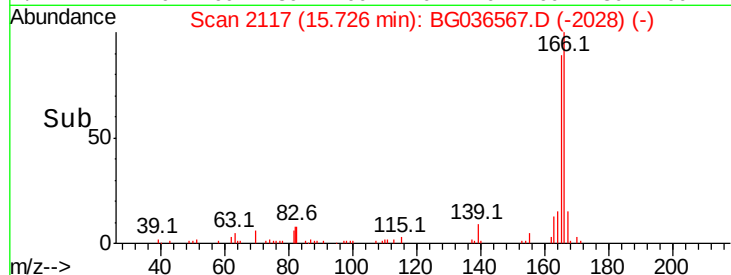
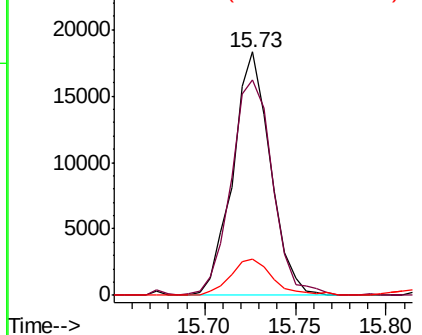
#57
Fluorene
 Concen: 2.109 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BG036567.D
 Acq: 5 Sep 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C2-04-D

Tot Ion:166 Resp: 26399
 Ion Ratio Lower Upper
 166 100
 165 88.6 77.0 115.4
 167 14.6 10.6 16.0

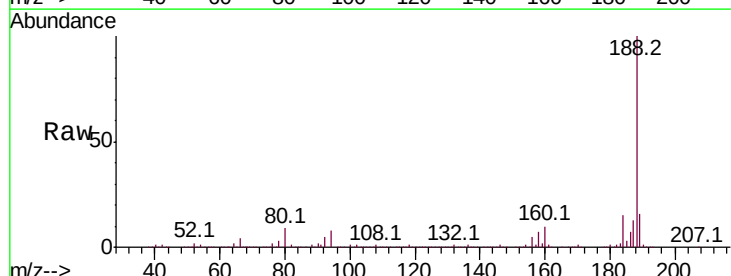


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

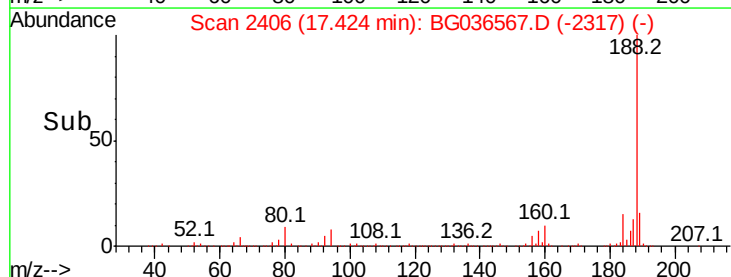
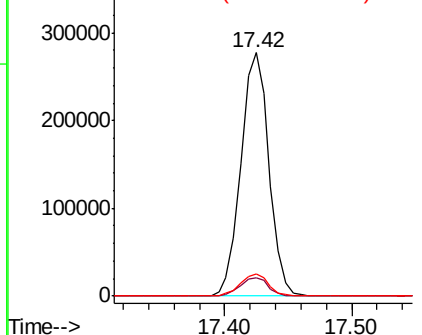


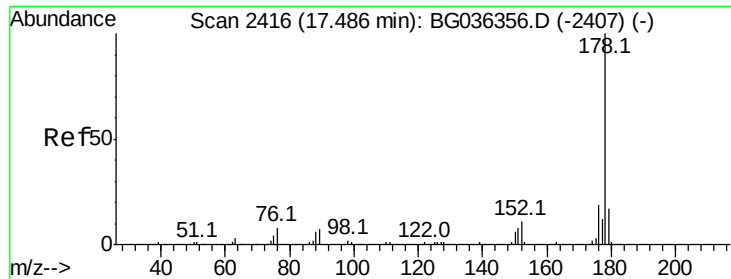
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036567.D
 Acq: 5 Sep 2018 19:17

Tgt Ion:188 Resp: 424140
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 9.0 8.1 12.1



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

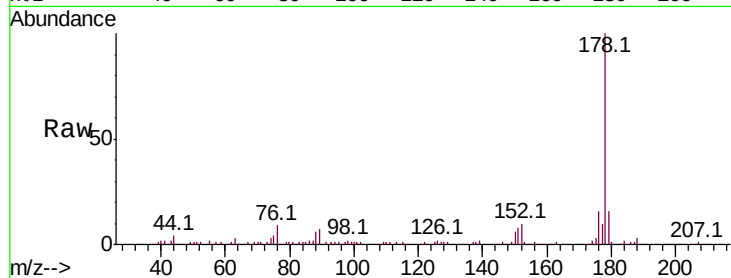




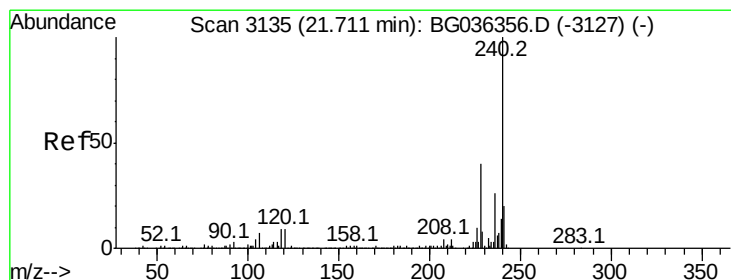
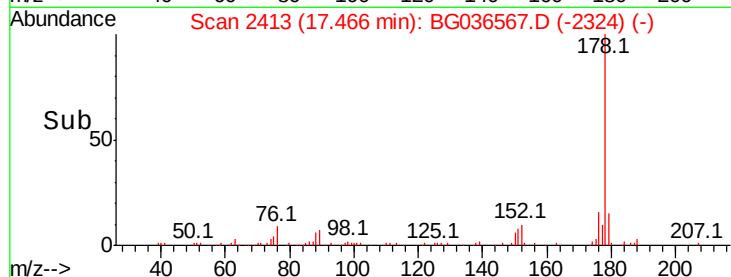
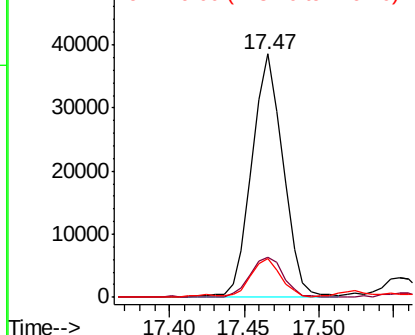
#70
Phenanthrene
Concen: 2.597 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Instrument :
BNA_G
ClientSampleId :
A0C2-04-D

Tot Ion:178 Resp: 55964
Ion Ratio Lower Upper
178 100
176 16.4 15.4 23.2
179 15.7 13.4 20.2

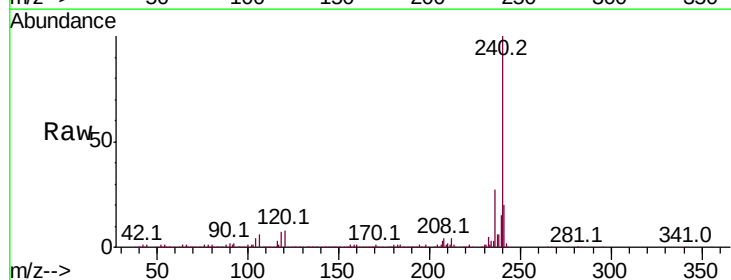


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

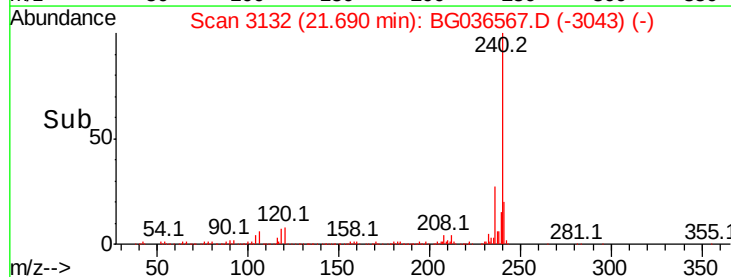
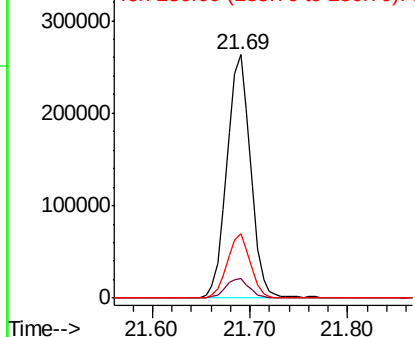


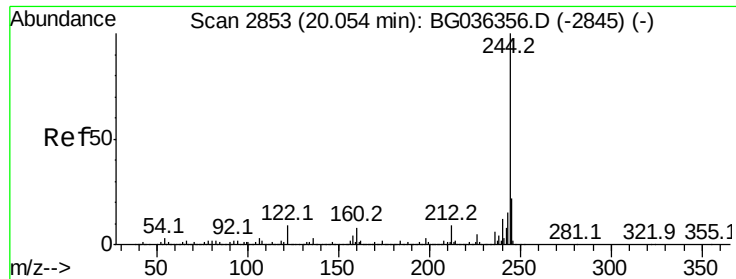
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036567.D
Acq: 5 Sep 2018 19:17

Tgt Ion:240 Resp: 443828
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.7 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: 79.057 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

Instrument :

BNA_G

ClientSampled :

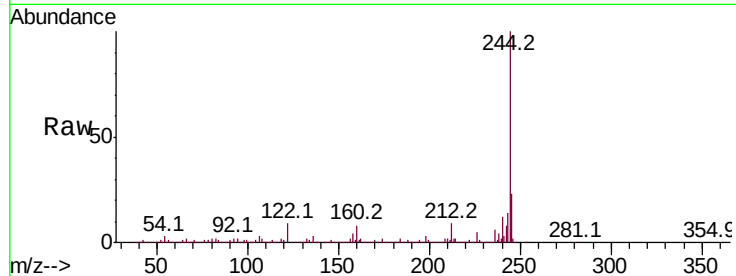
A0C2-04-D

Tot Ion:244 Resp: 1501184

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	8.9	7.1	10.7

212 9.2 7.0 10.6

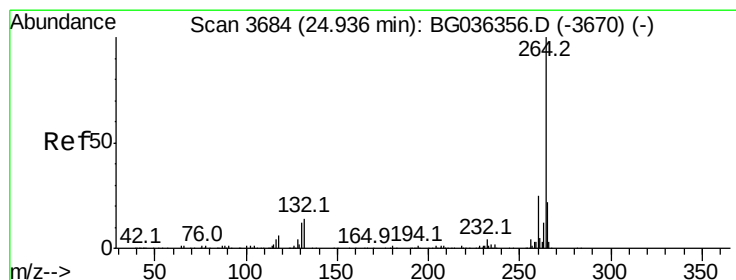
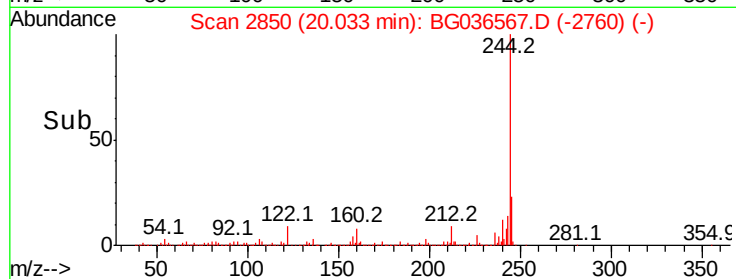
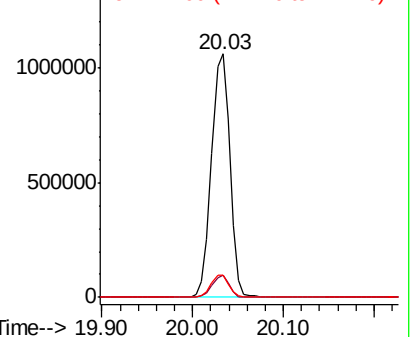
122 8.9 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036567.D

Acq: 5 Sep 2018 19:17

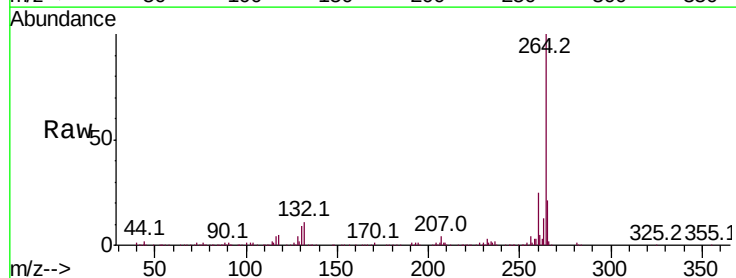
Tgt Ion:264 Resp: 443723

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.5	17.4	26.0

264 100

260 25.1 19.6 29.4

265 21.5 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

