

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038244.D
 Acq On : 29 Nov 2018 22:18
 Operator : JU/SJ
 Sample : J5768-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-112818

Quant Time: Nov 30 01:04:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36501	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157979	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	96707	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	211611	20.00	ng	0.00
76) Chrysene-d12	21.75	240	199411	20.00	ng	0.00
87) Perylene-d12	25.07	264	165932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	232956	110.19	ng	0.00
7) Phenol-d6	7.23	99	291197	96.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	252661	85.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	102090	92.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	547300	82.45	ng	0.00
79) Terphenyl-d14	20.07	244	828228	97.73	ng	0.00

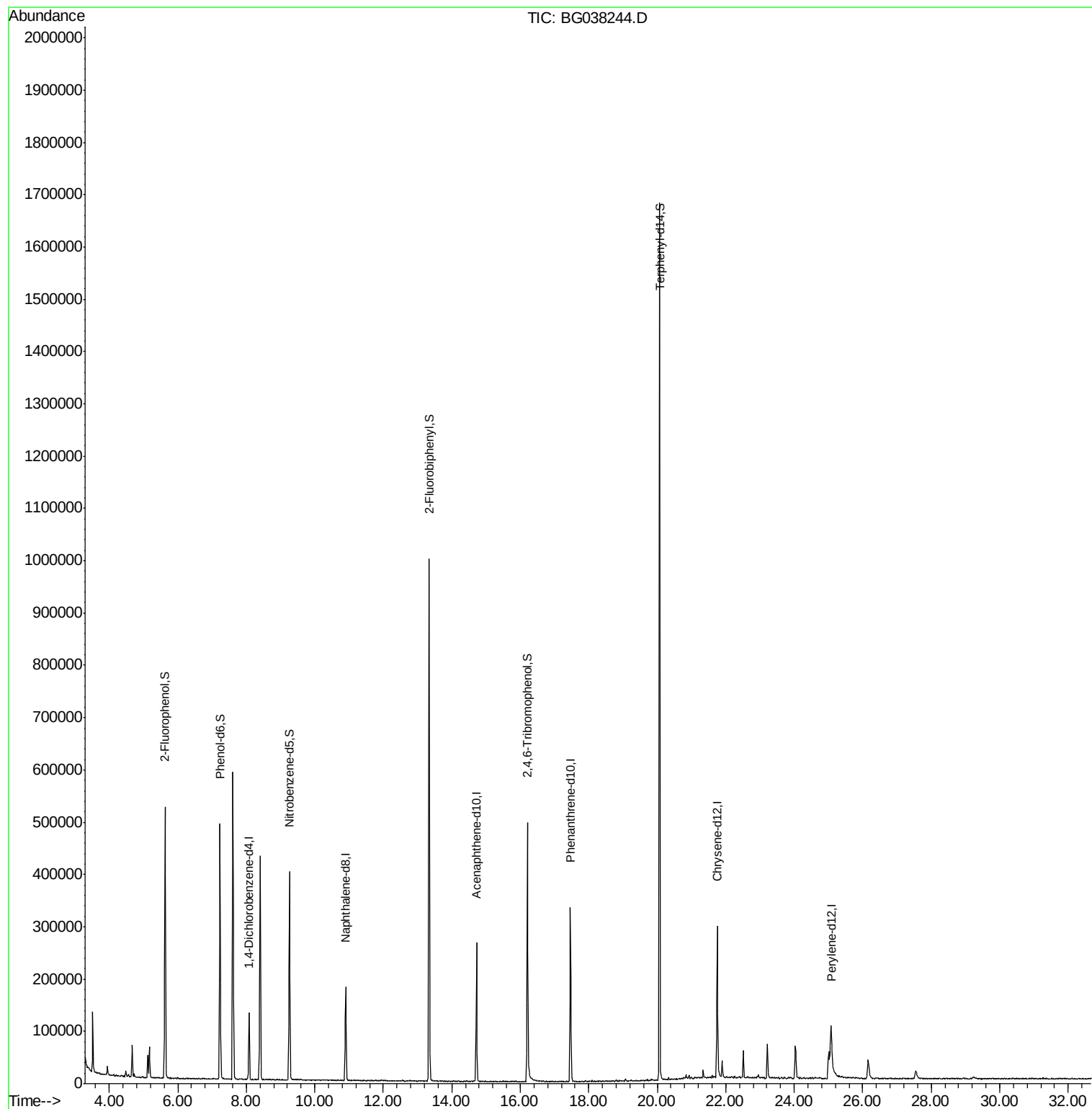
Target Compounds Qvalue

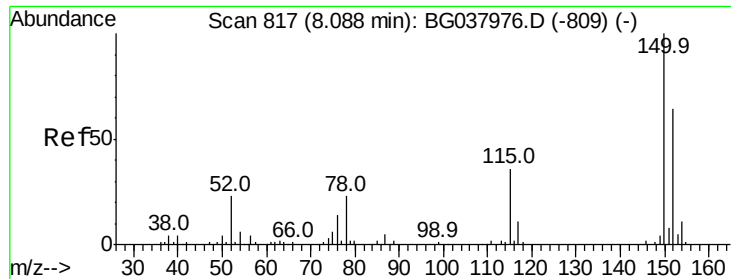
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

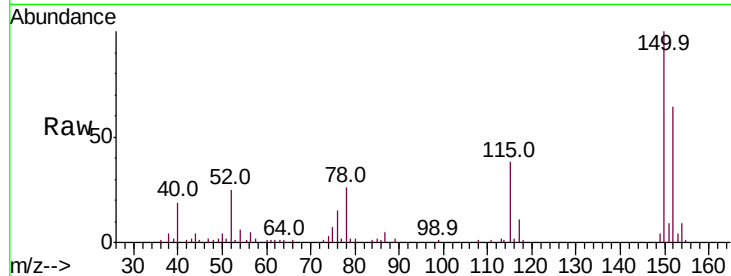
Tot Ion:152 Resp: 36501

Ion Ratio Lower Upper

152 100

150 155.4 126.0 189.0

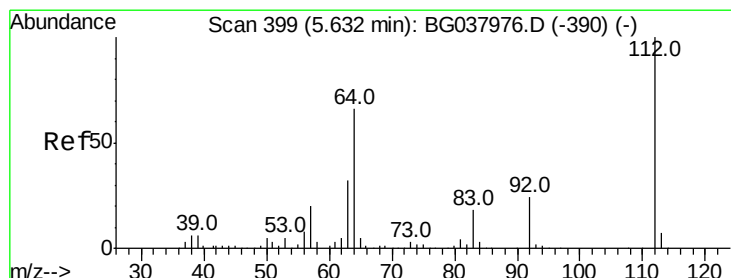
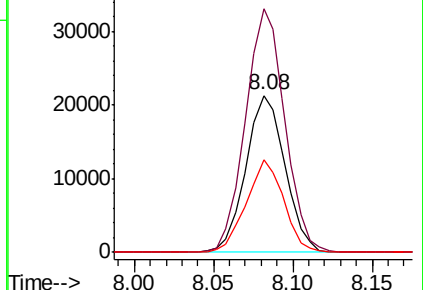
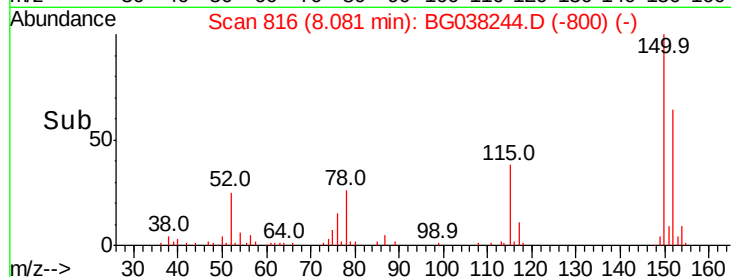
115 59.3 45.5 68.3



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: 110.193 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

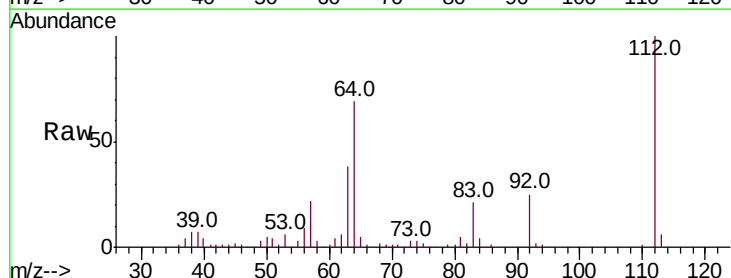
Tgt Ion:112 Resp: 232956

Ion Ratio Lower Upper

112 100

64 69.1 53.1 79.7

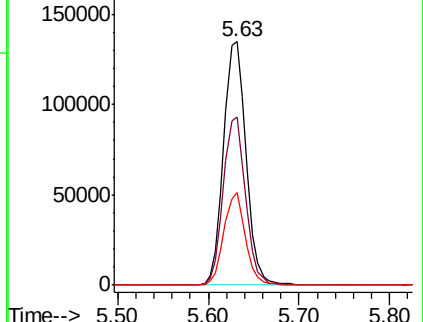
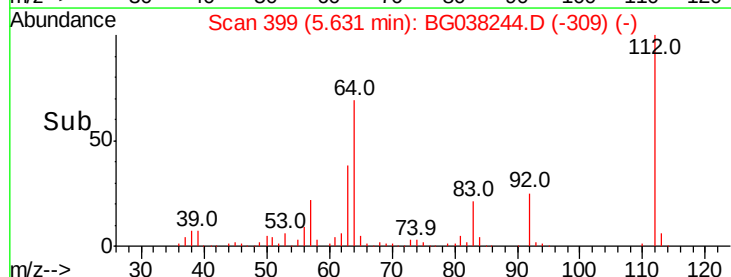
63 37.9 27.3 40.9

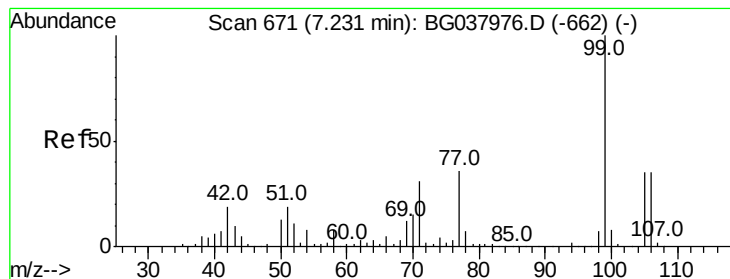


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.496 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

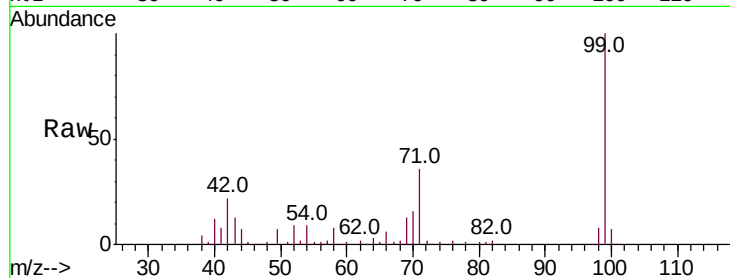
Tot Ion: 99 Resp: 291197

Ion Ratio Lower Upper

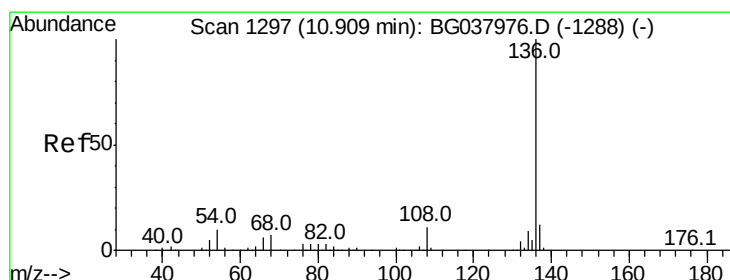
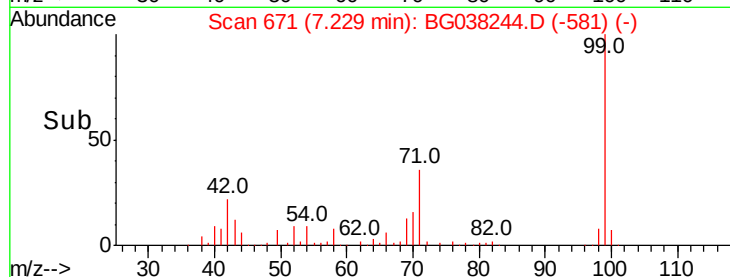
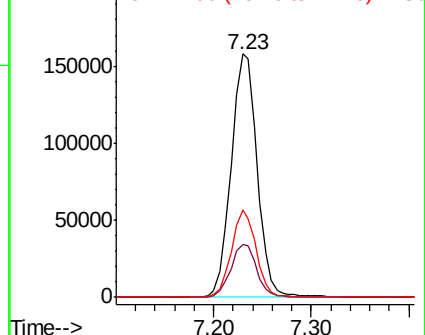
99 100

42 21.7 15.0 22.4

71 35.9 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Tgt Ion: 136 Resp: 157979

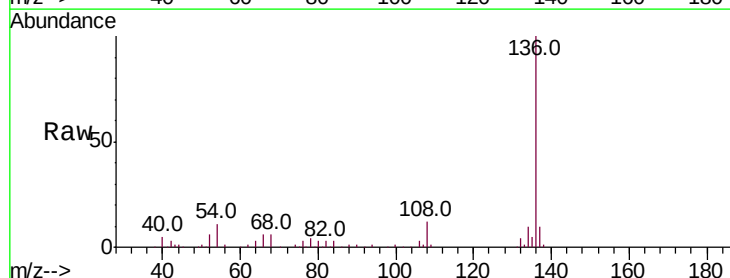
Ion Ratio Lower Upper

136 100

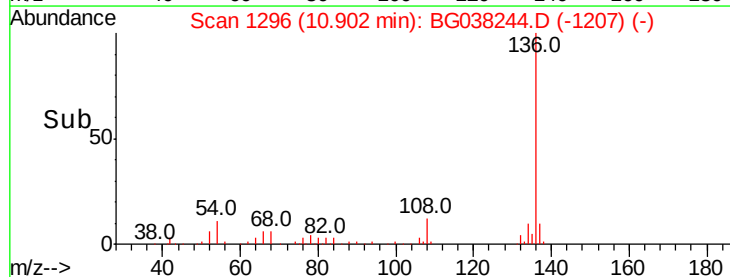
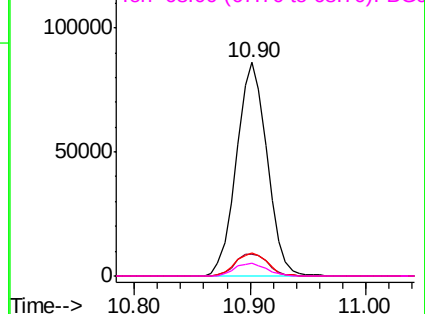
137 10.2 9.6 14.4

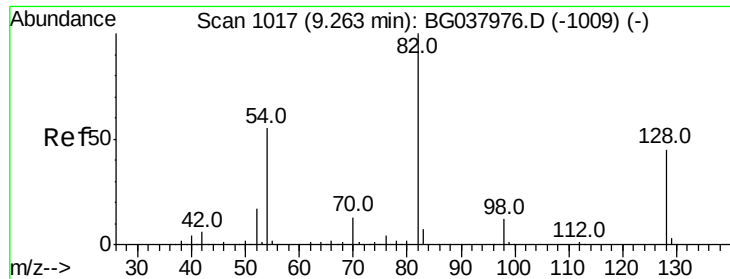
54 10.8 7.9 11.9

68 6.1 4.8 7.2



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: 85.613 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

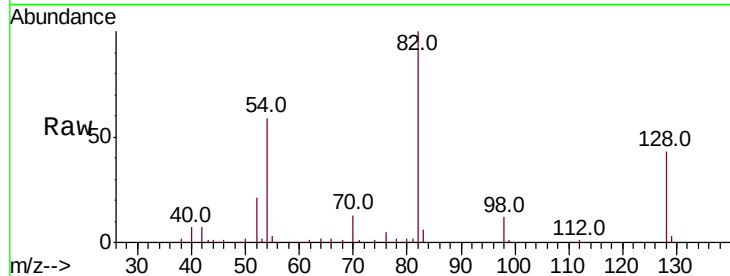
Tot Ion: 82 Resp: 252661

Ion Ratio Lower Upper

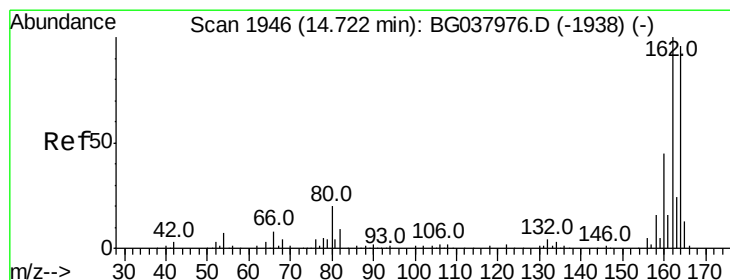
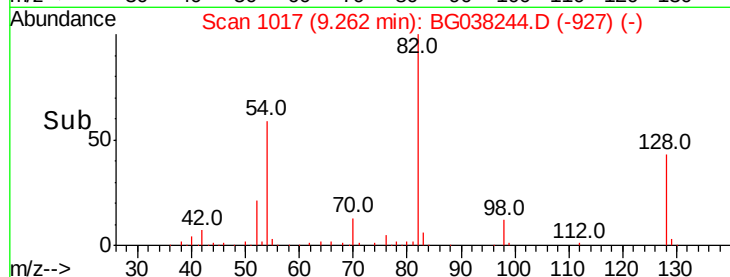
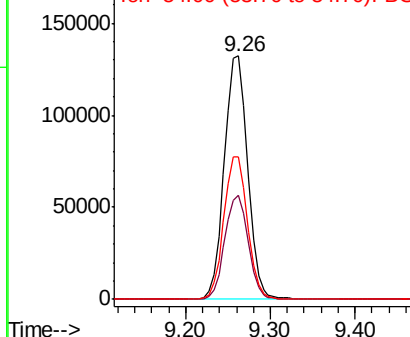
82 100

128 43.0 34.6 51.8

54 58.7 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# 1945

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

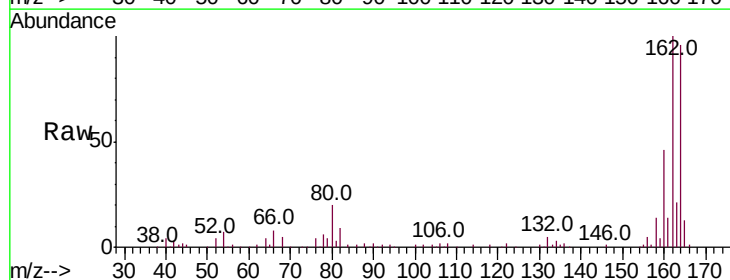
Tgt Ion: 164 Resp: 96707

Ion Ratio Lower Upper

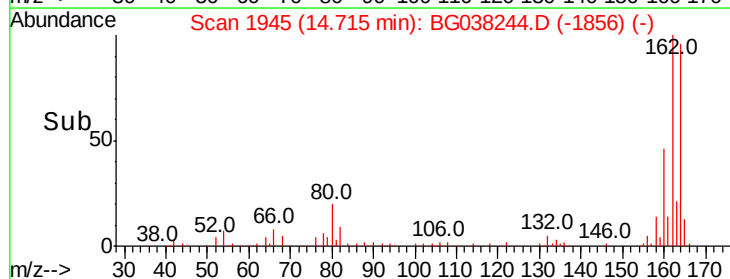
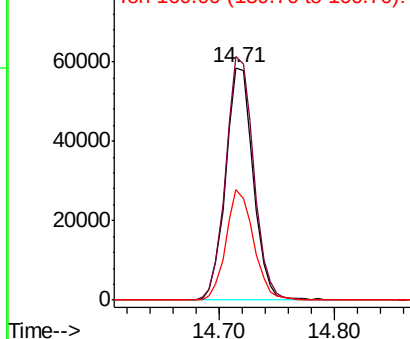
164 100

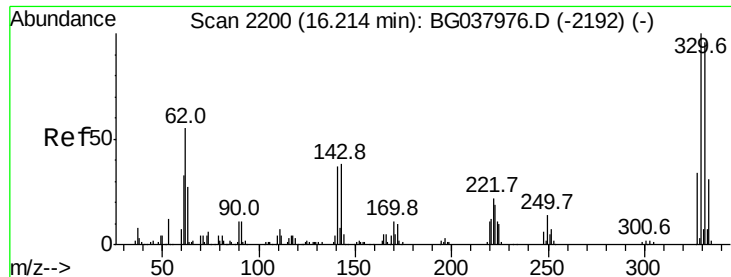
162 104.7 81.3 121.9

160 47.7 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

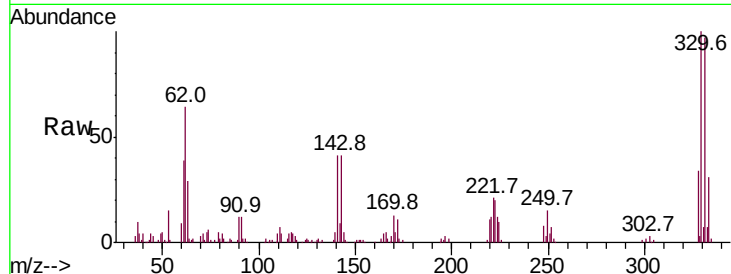




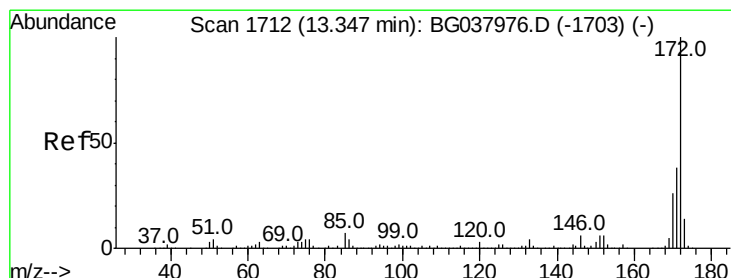
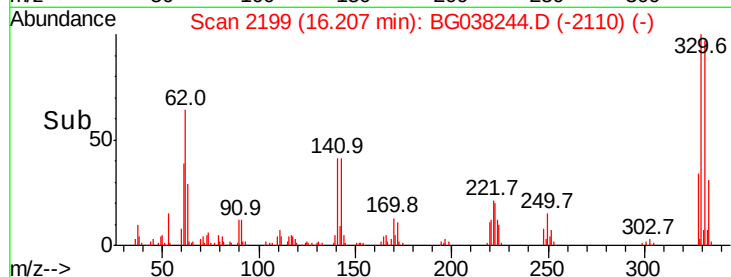
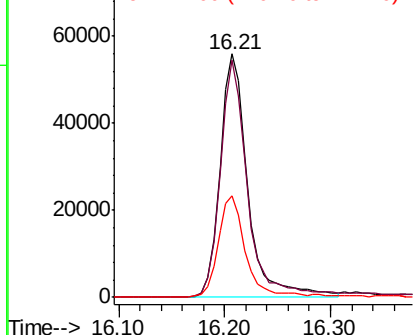
#42
 2,4,6-Tribromophenol
 Concen: 92.563 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-112818

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	42.5	32.2	48.2

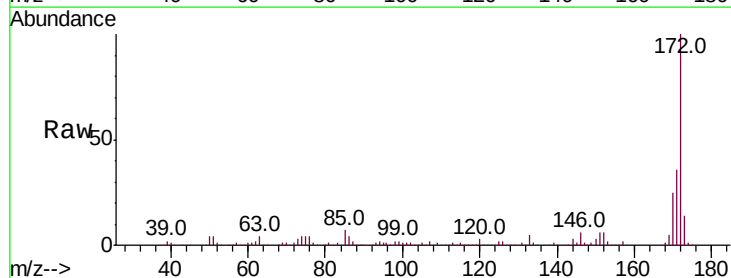


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

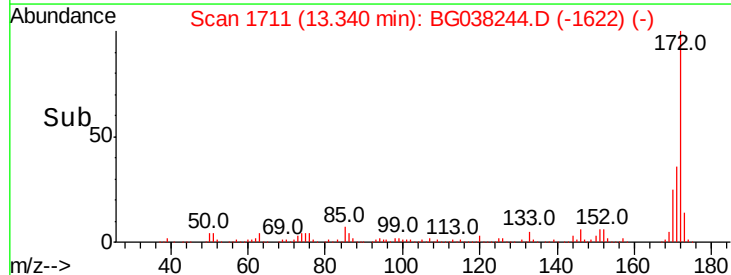
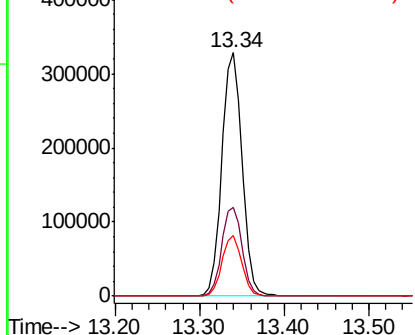


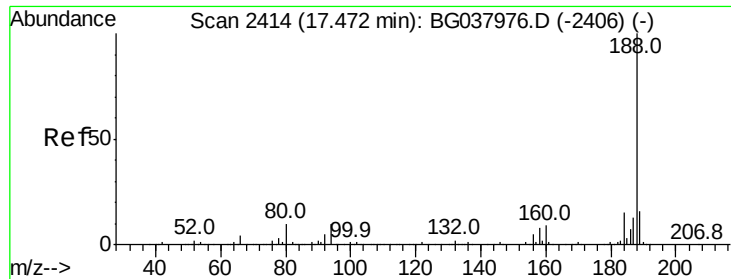
#45
 2-Fluorobiphenyl
 Concen: 82.448 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.8	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

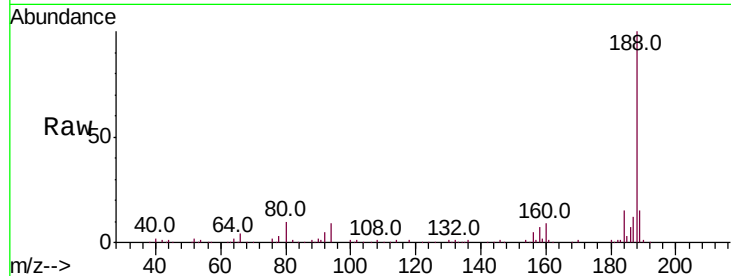
Tot Ion:188 Resp: 211611

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

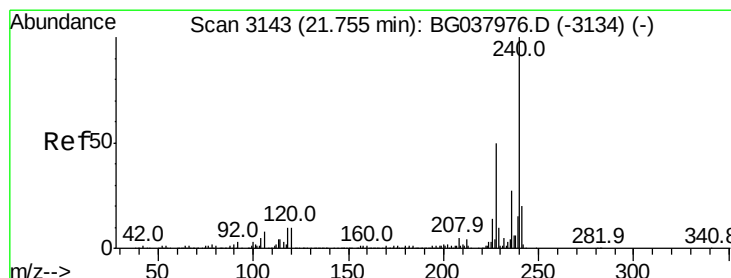
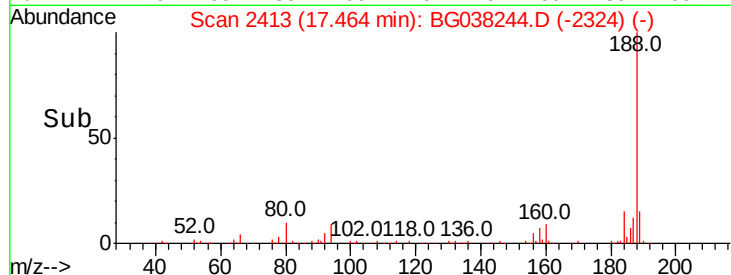
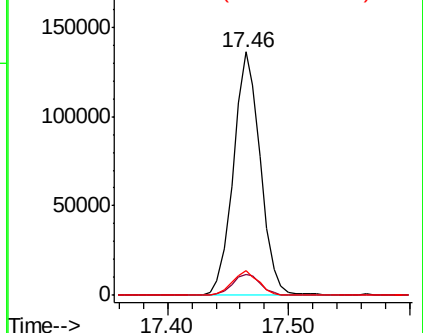
80 10.0 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

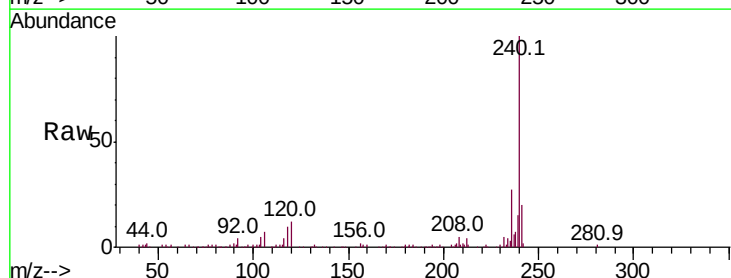
Tgt Ion:240 Resp: 199411

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

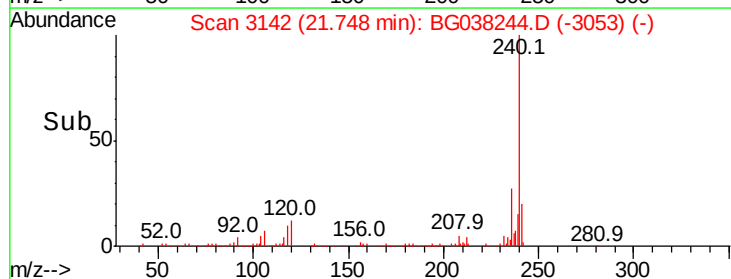
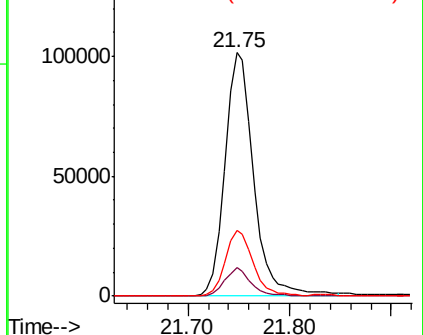
236 27.1 21.4 32.0

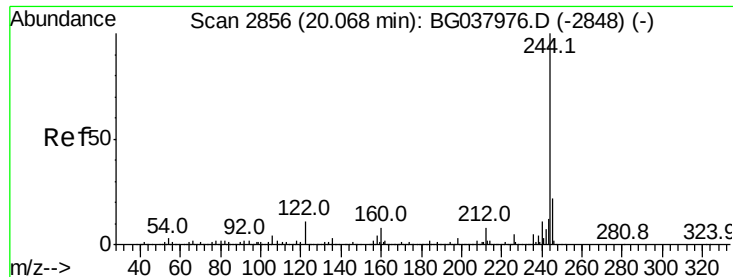


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.729 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

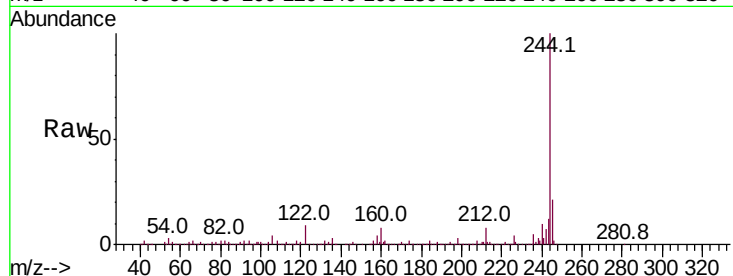
Tot Ion:244 Resp: 828228

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

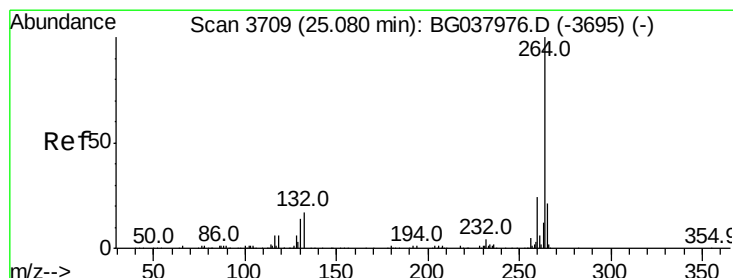
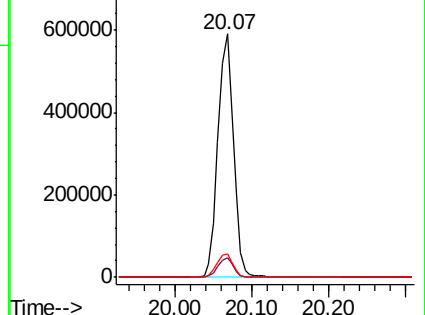
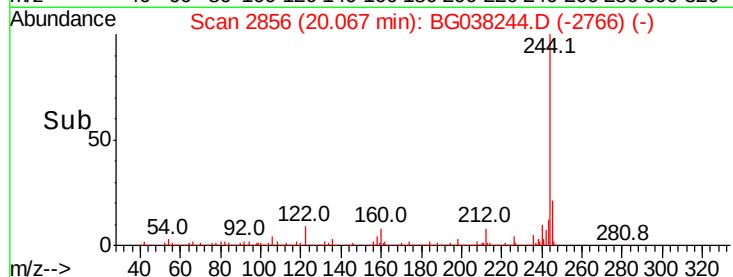
122 9.4 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

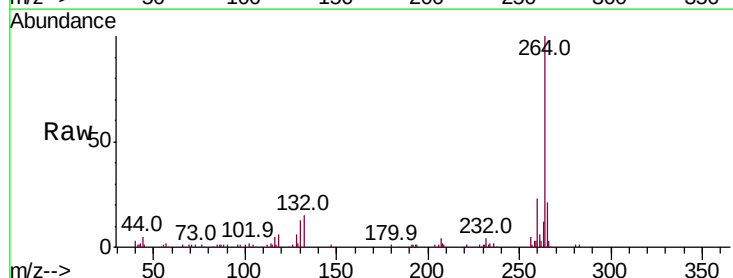
Tgt Ion:264 Resp: 165932

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.8 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

