

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037983.D
 Acq On : 13 Nov 2018 18:40
 Operator : JU/SJ
 Sample : J5908-28
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Quant Time: Nov 14 00:20:45 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

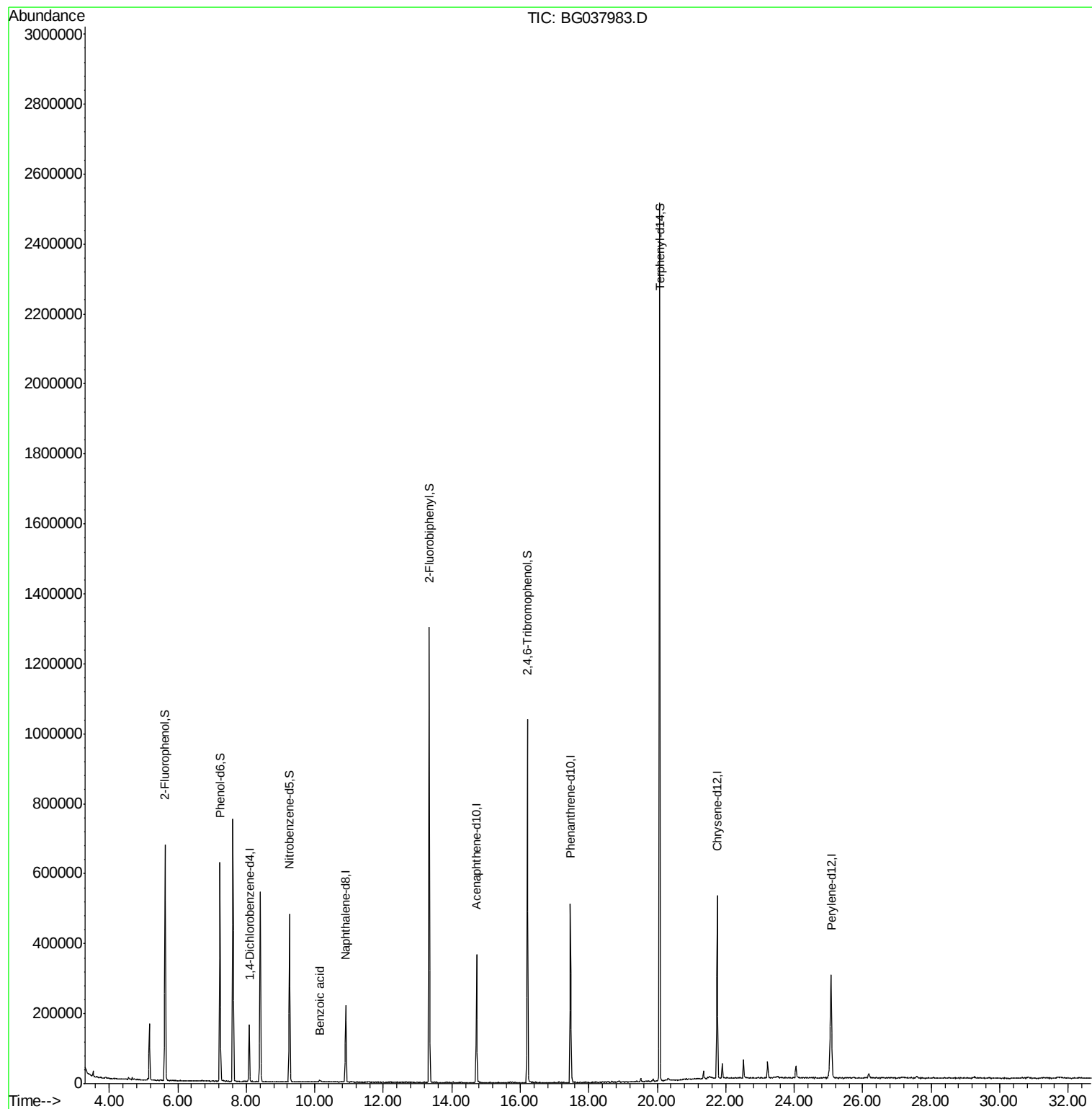
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47881	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	204079	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	130353	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	320910	20.00	ng	0.00
76) Chrysene-d12	21.75	240	318442	20.00	ng	0.00
87) Perylene-d12	25.07	264	322162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	315859	113.90	ng	0.00
7) Phenol-d6	7.23	99	392442	99.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	301917	79.19	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	184780	124.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	694674	77.64	ng	0.00
79) Terphenyl-d14	20.07	244	1197234	88.47	ng	0.00
Target Compounds						
32) Benzoic acid	10.14	122	3676	13.779	ng	Qvalue # 71

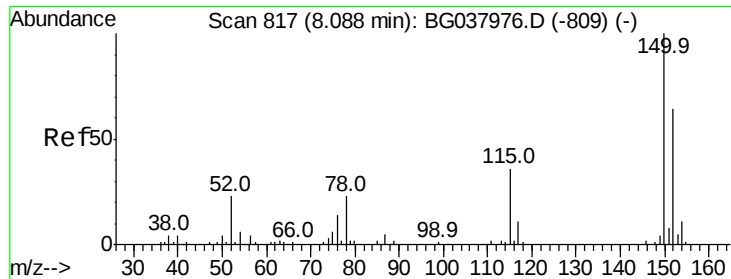
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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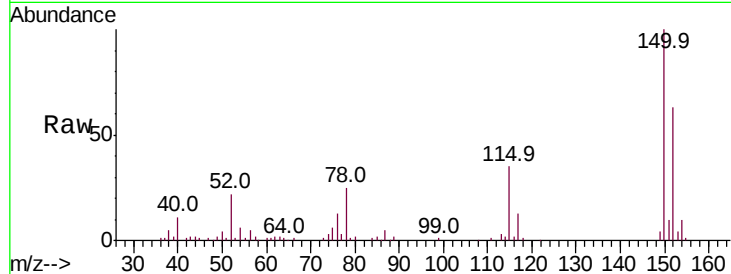


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Instrument :
BNA_G
ClientSampleId :
SR-6-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.0	189.0
115	55.8	45.5	68.3

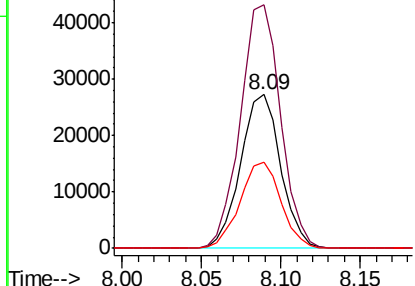
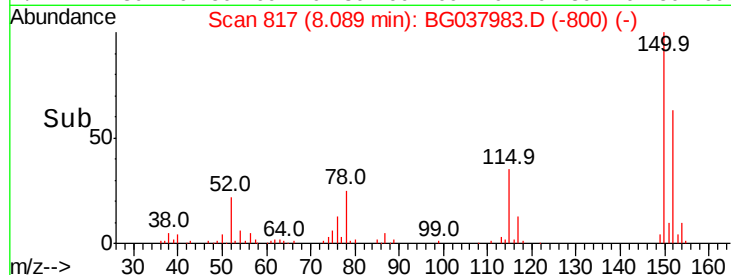


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

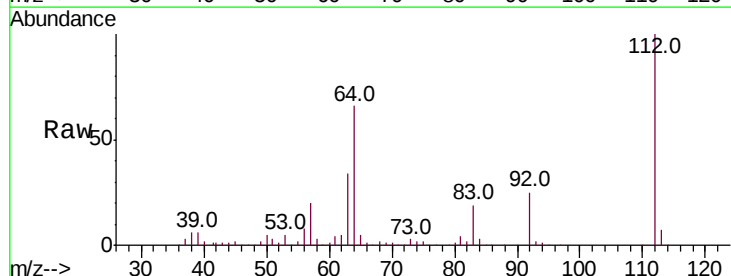
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.897 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	33.5	27.3	40.9

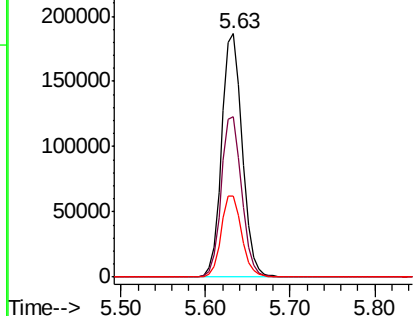
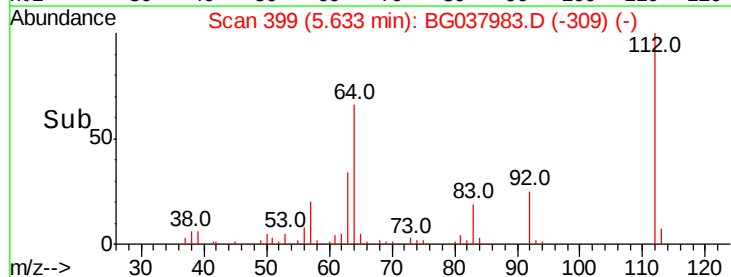


Abundance

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: 99.137 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

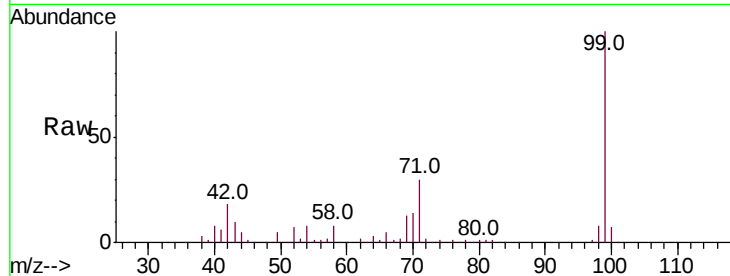
Tot Ion: 99 Resp: 392442

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

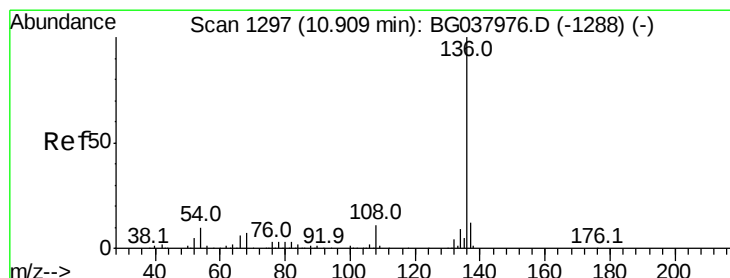
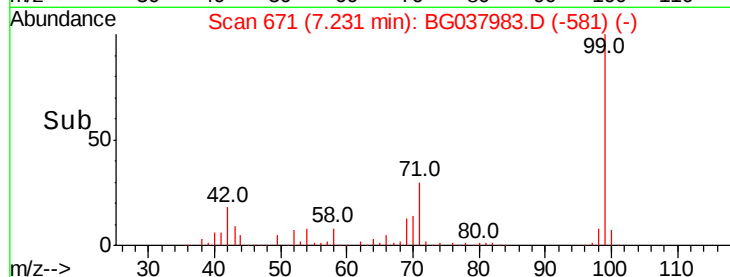
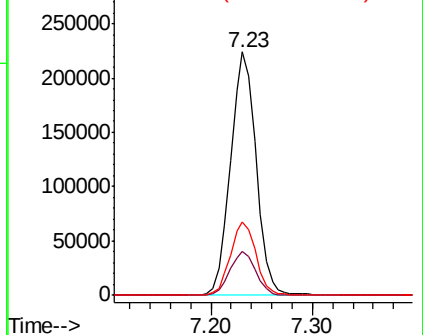
71 30.4 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Tgt Ion: 136 Resp: 204079

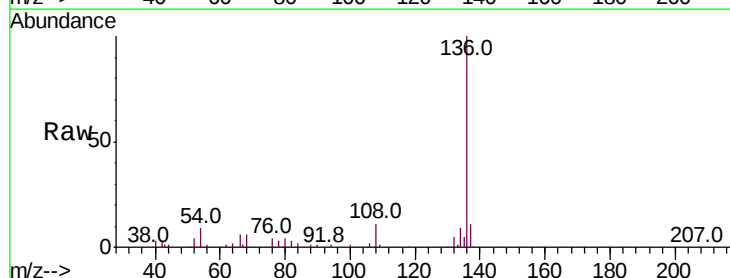
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 9.4 7.9 11.9

68 5.7 4.8 7.2

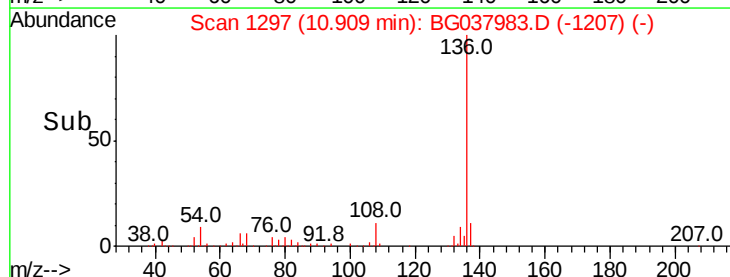
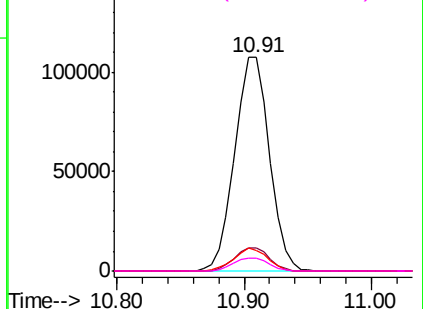


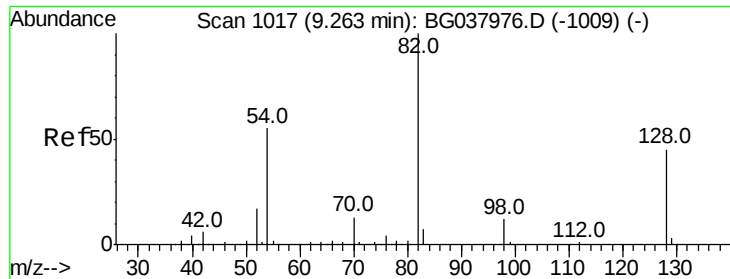
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 79.193 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampled :

SR-6-S

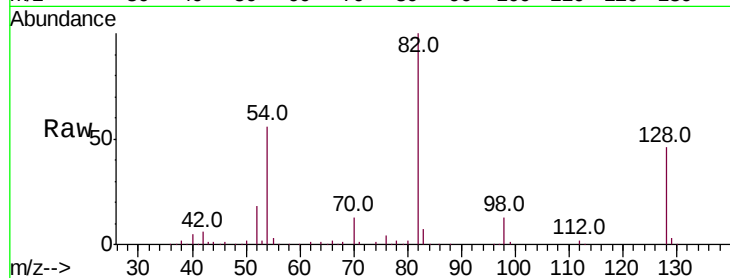
Tot Ion: 82 Resp: 301917

Ion Ratio Lower Upper

82 100

128 46.1 34.6 51.8

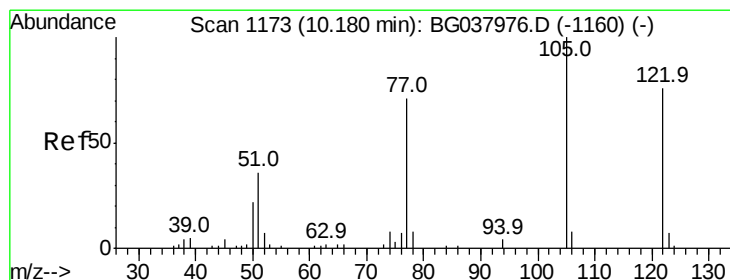
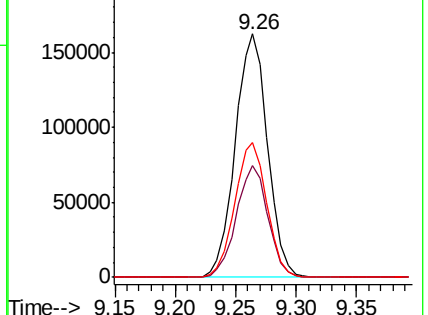
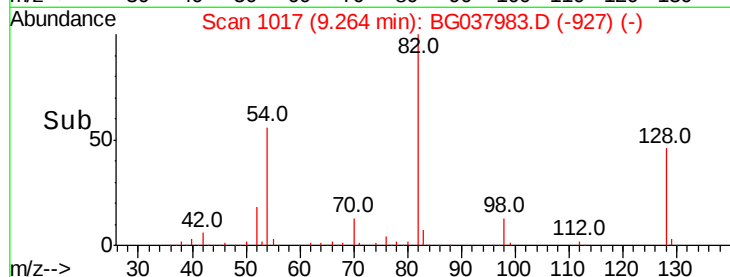
54 55.6 45.3 67.9



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



#32

Benzoic acid

Concen: 13.779 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.04 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

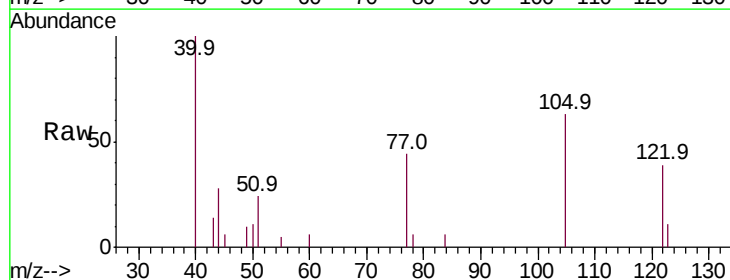
Tgt Ion:122 Resp: 3676

Ion Ratio Lower Upper

122 100

105 164.3 106.7 146.7#

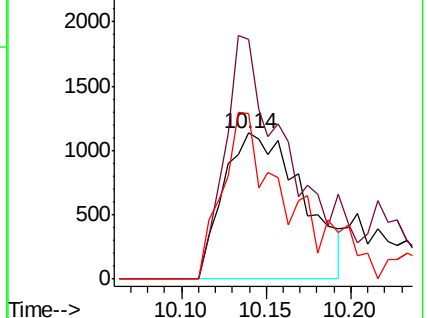
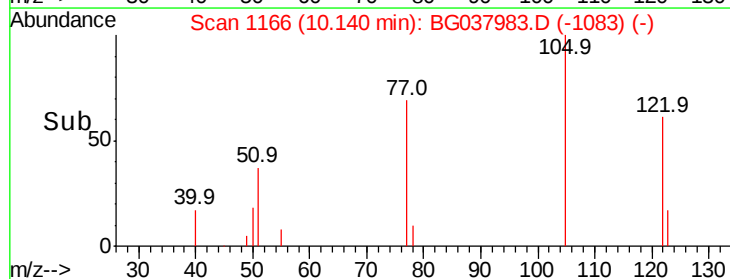
77 113.9 72.2 112.2#

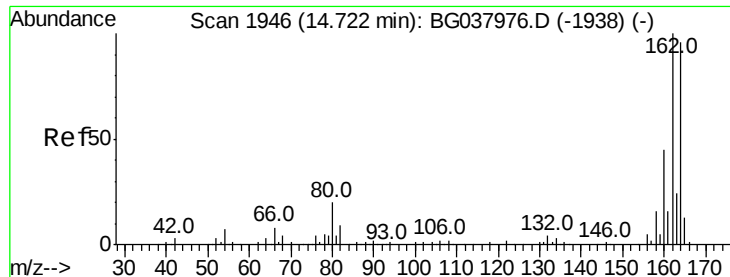


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

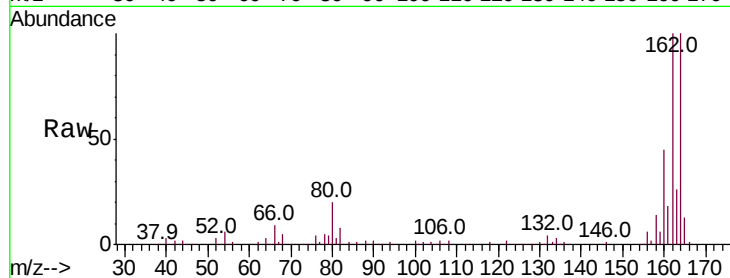
Tot Ion:164 Resp: 130353

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

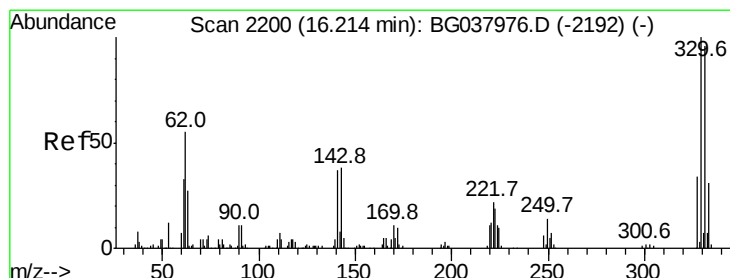
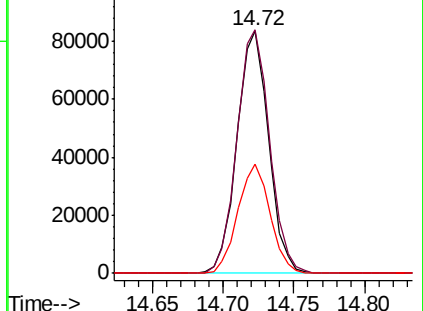
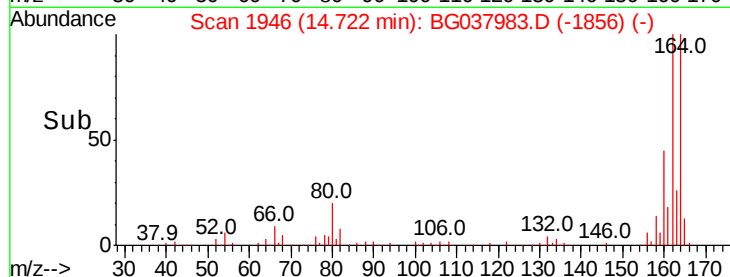
160 44.9 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 124.293 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

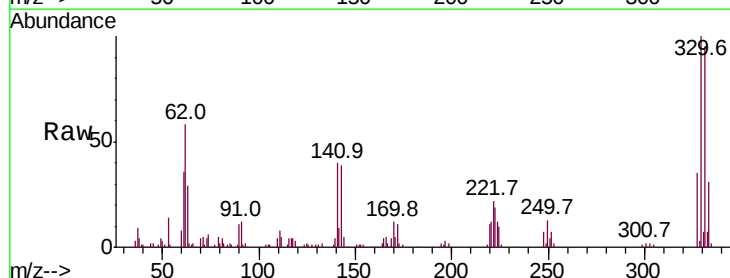
Tgt Ion:330 Resp: 184780

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

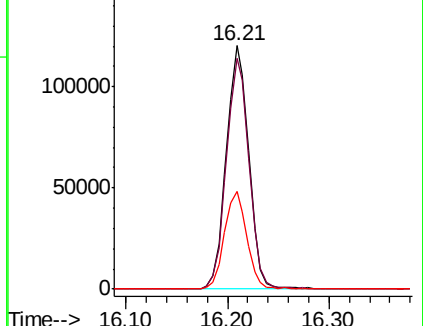
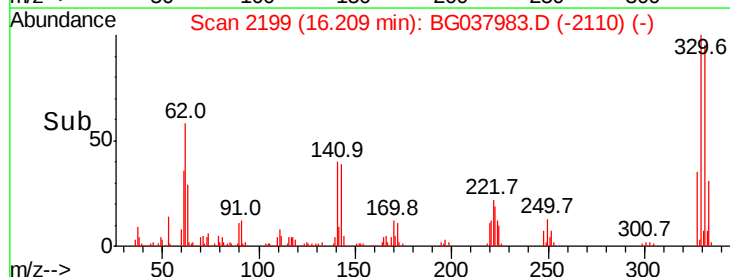
141 40.1 32.2 48.2

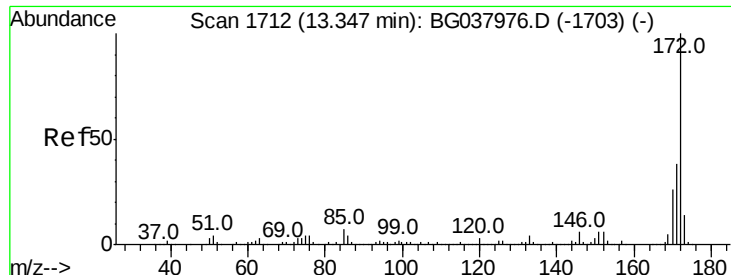


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

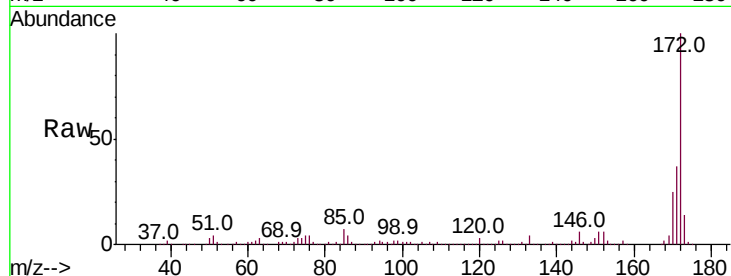




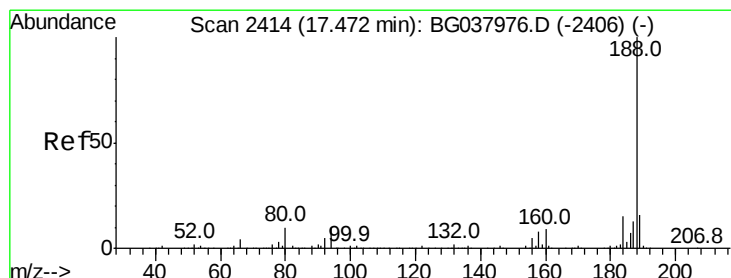
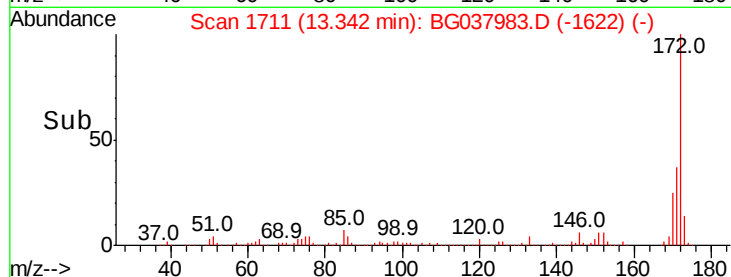
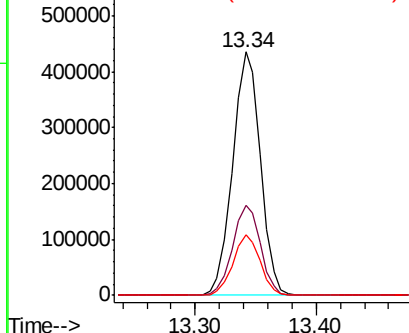
#45
 2-Fluorobiphenyl
 Concen: 77.638 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Instrument :
 BNA_G
 ClientSampleId :
 SR-6-S

Tot Ion:172 Resp: 694674
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 25.0 20.2 30.2

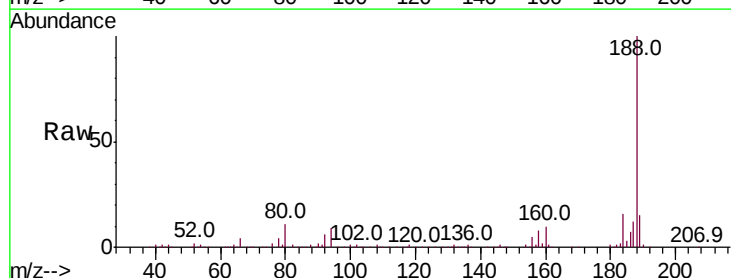


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

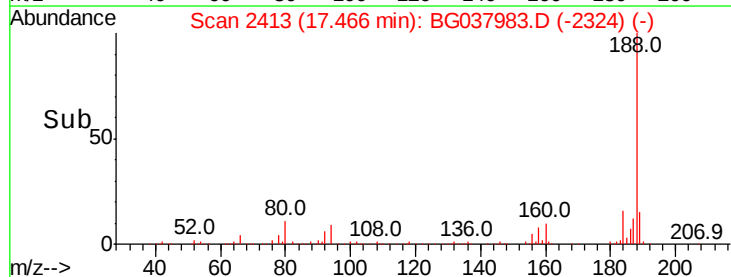
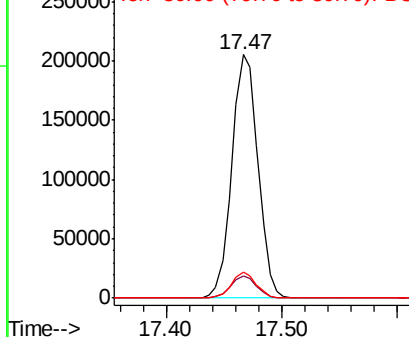


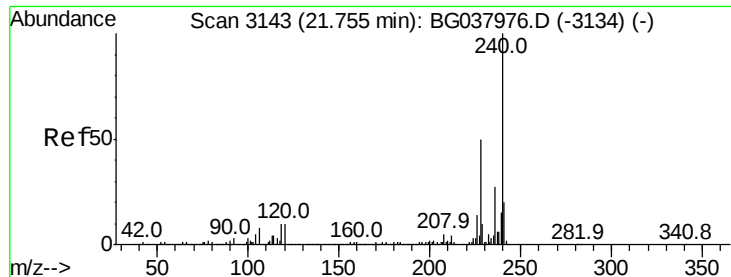
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG037983.D
 Acq: 13 Nov 2018 18:40

Tgt Ion:188 Resp: 320910
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.9 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: BG037983.D

Acq: 13 Nov 2018 18:40

Instrument :

BNA_G

ClientSampleId :

SR-6-S

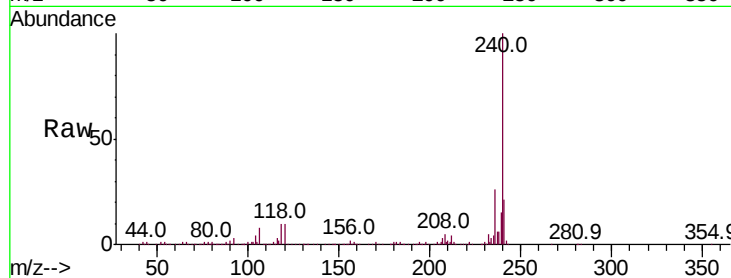
Tot Ion:240 Resp: 318442

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

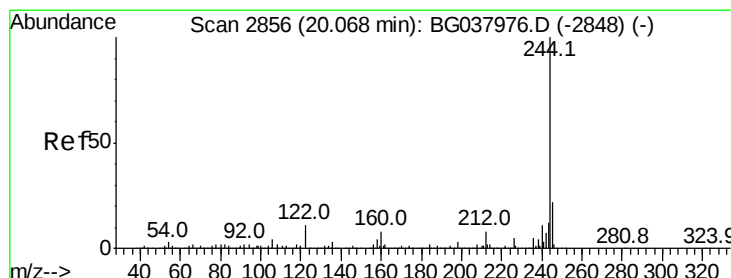
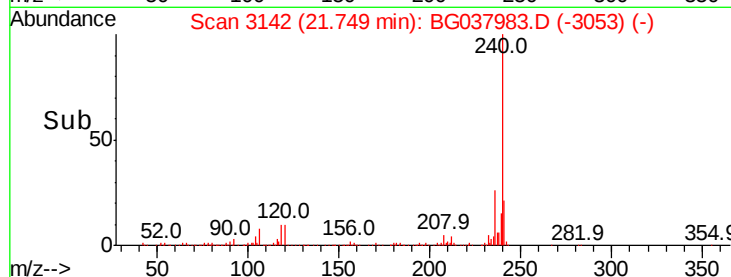
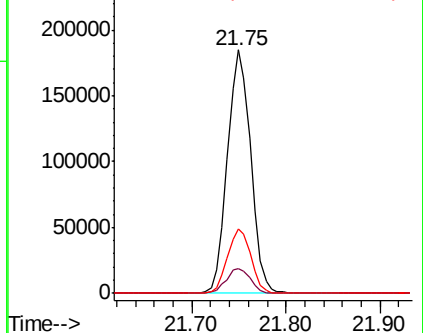
236 26.4 21.4 32.0



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: 88.465 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037983.D

Acq: 13 Nov 2018 18:40

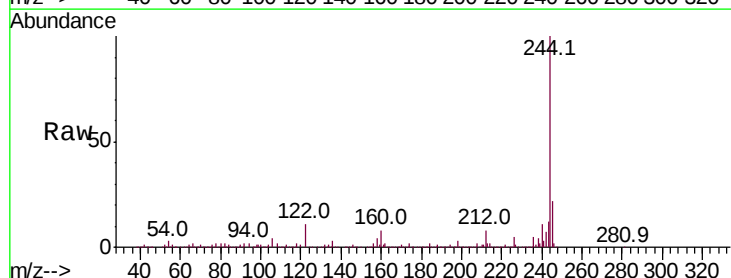
Tgt Ion:244 Resp: 1197234

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

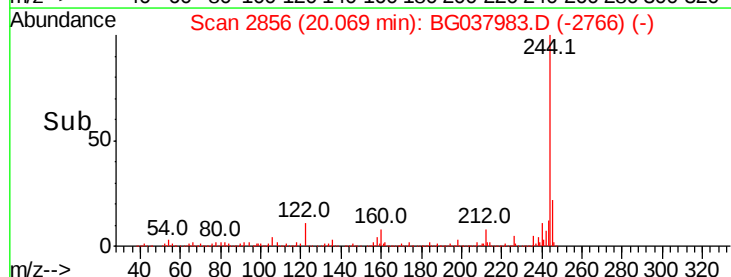
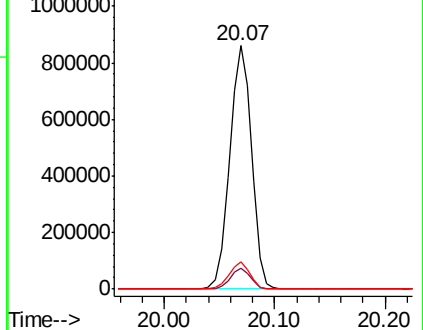
122 11.3 9.0 13.4

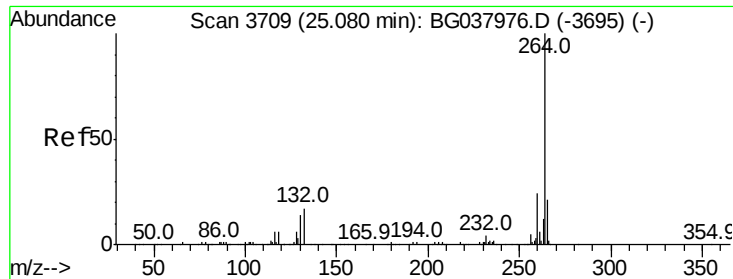


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

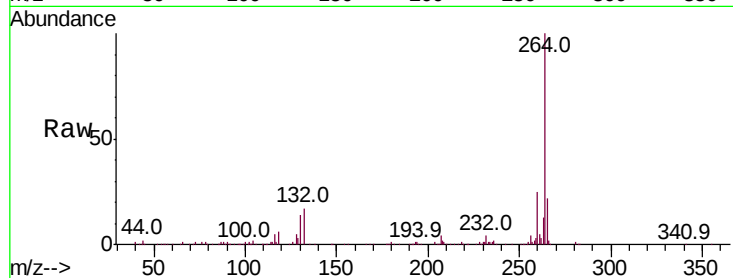




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG037983.D
Acq: 13 Nov 2018 18:40

Instrument :
BNA_G
ClientSampleId :
SR-6-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.9	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

