

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037984.D
 Acq On : 13 Nov 2018 19:19
 Operator : JU/SJ
 Sample : J5909-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Quant Time: Nov 14 00:28:46 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	50992	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	212440	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133201	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	329614	20.00	ng	0.00
76) Chrysene-d12	21.75	240	319610	20.00	ng	0.00
87) Perylene-d12	25.07	264	323106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	350149	118.56	ng	0.00
7) Phenol-d6	7.23	99	446889	106.00	ng	0.00
23) Nitrobenzene-d5	9.26	82	329096	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	191517	126.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	723049	79.08	ng	0.00
79) Terphenyl-d14	20.07	244	1235220	90.94	ng	0.00

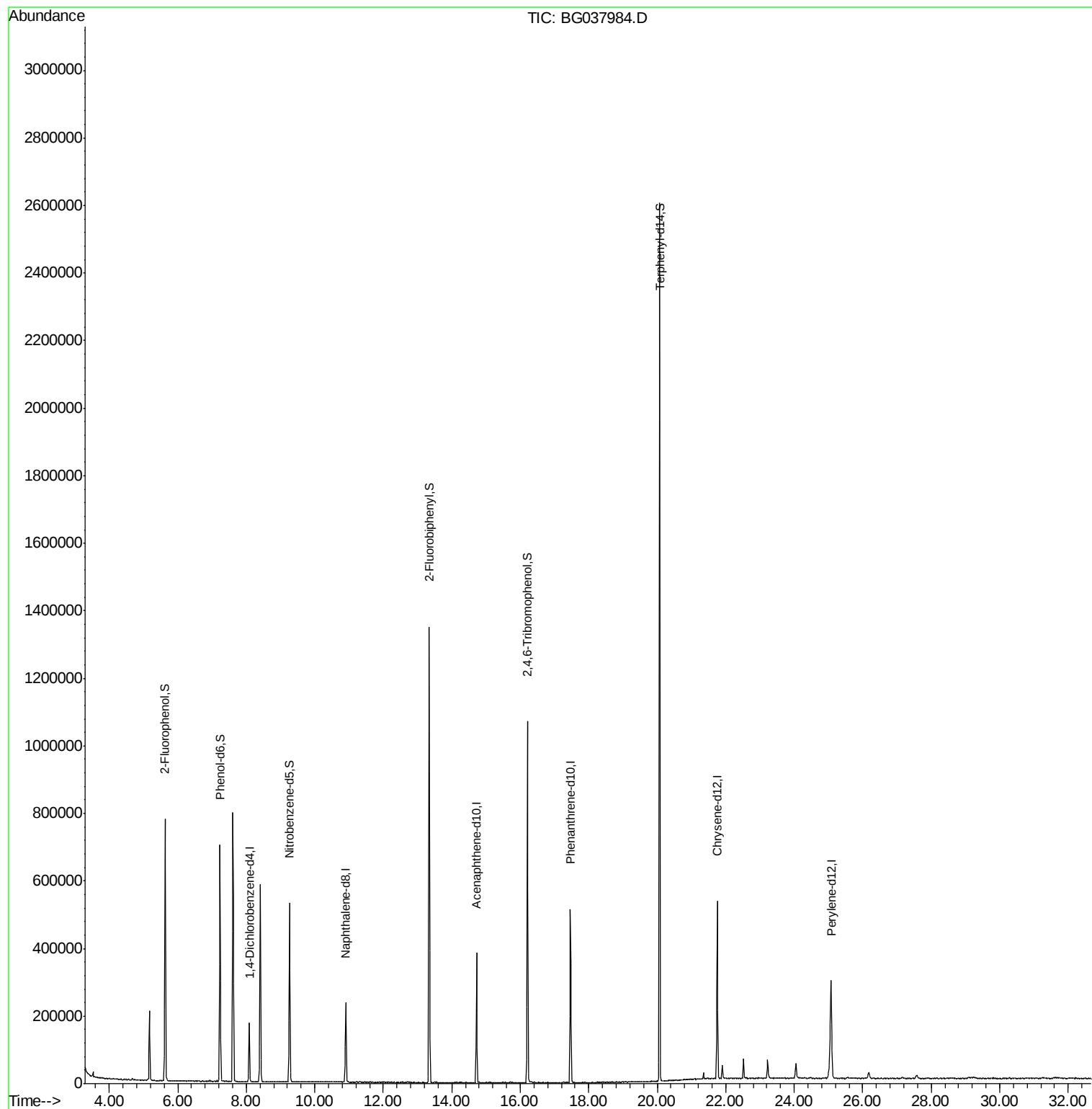
Target Compounds Qvalue

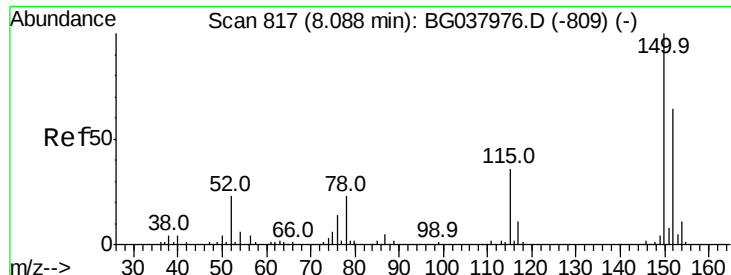
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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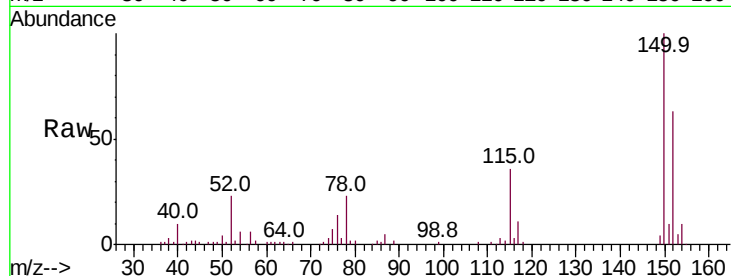


#1

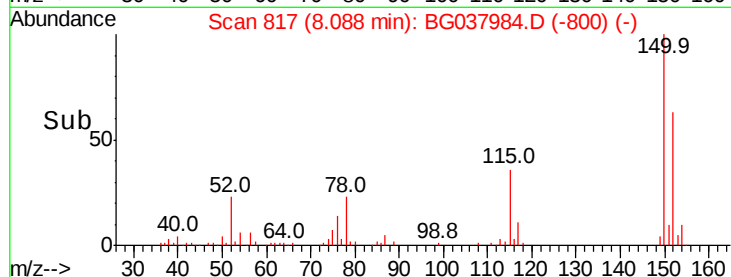
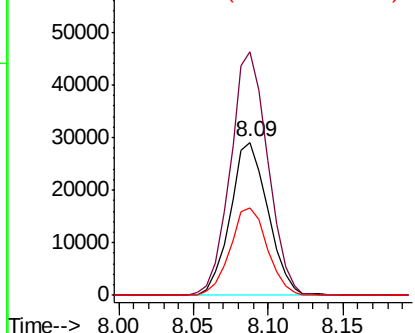
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
SB-15-S

Tot Ion:152 Resp: 50992
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 56.8 45.5 68.3



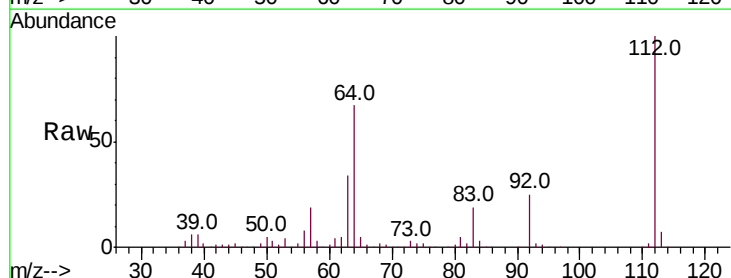
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



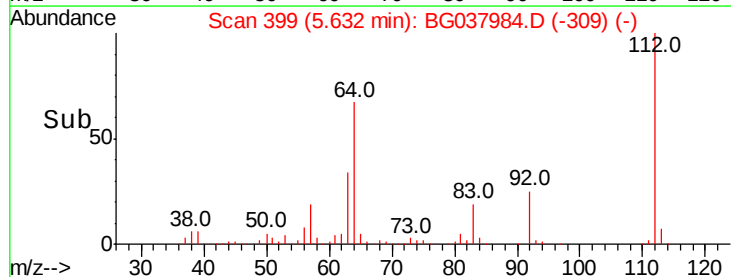
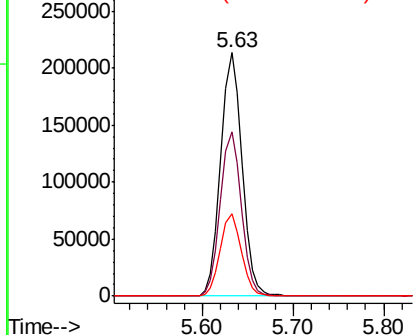
#5

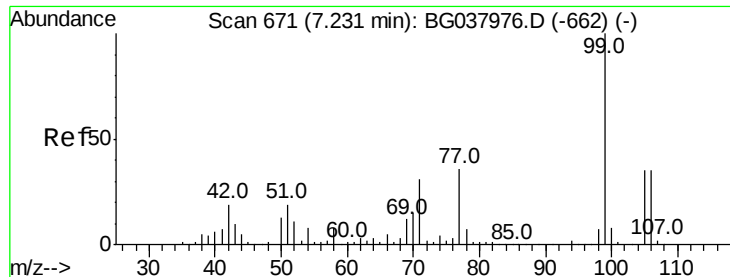
2-Fluorophenol
Concen: 118.559 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion:112 Resp: 350149
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 33.8 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: 106.004 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

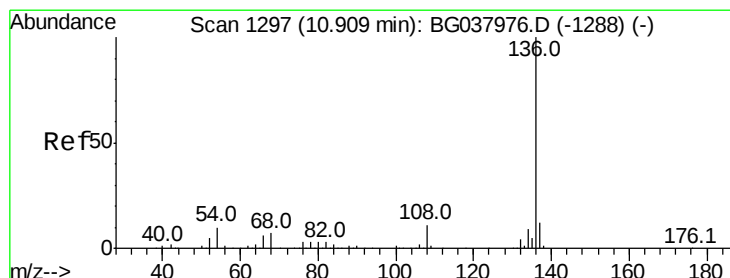
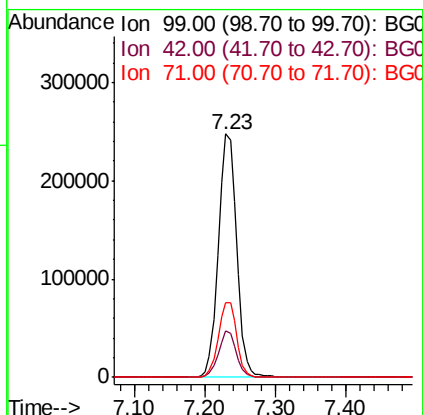
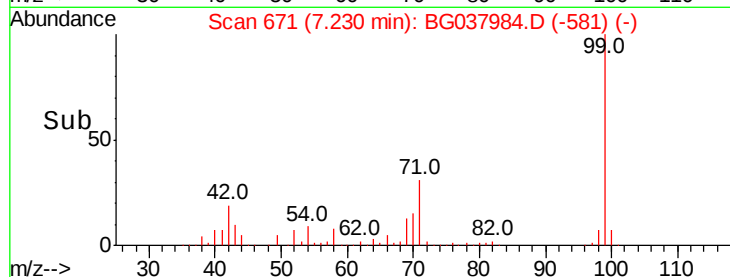
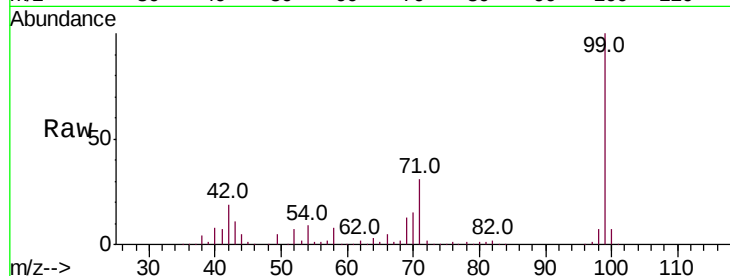
Tot Ion: 99 Resp: 446889

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

71 30.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Tgt Ion: 136 Resp: 212440

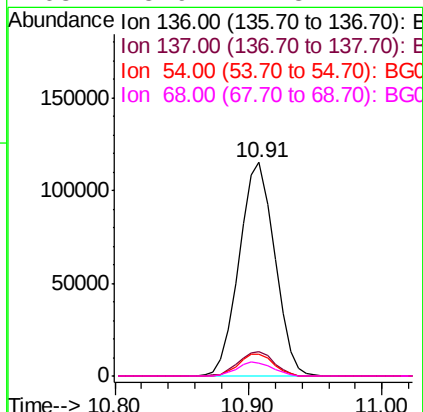
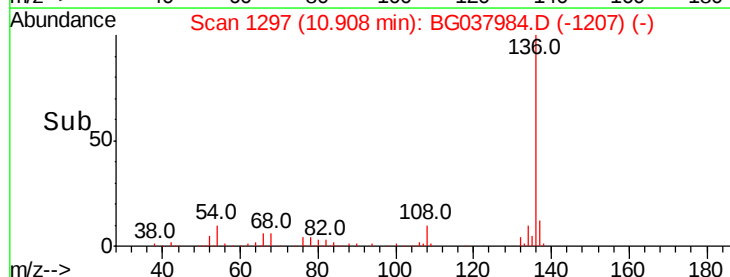
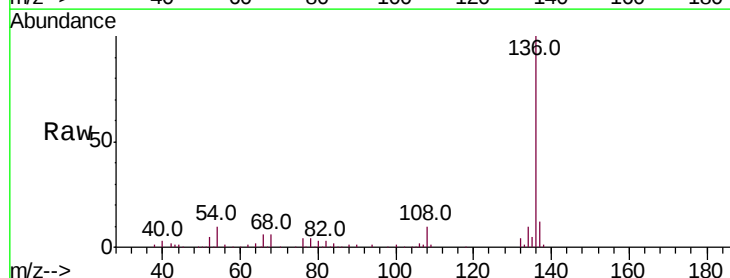
Ion Ratio Lower Upper

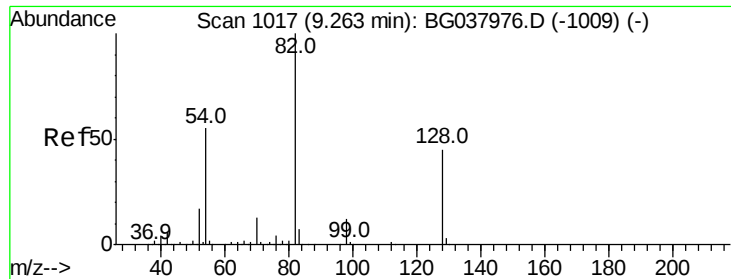
136 100

137 11.5 9.6 14.4

54 10.4 7.9 11.9

68 5.9 4.8 7.2

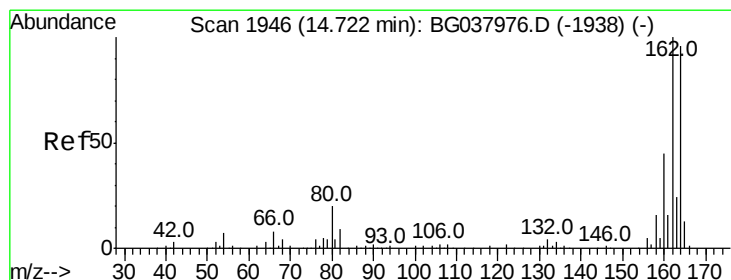
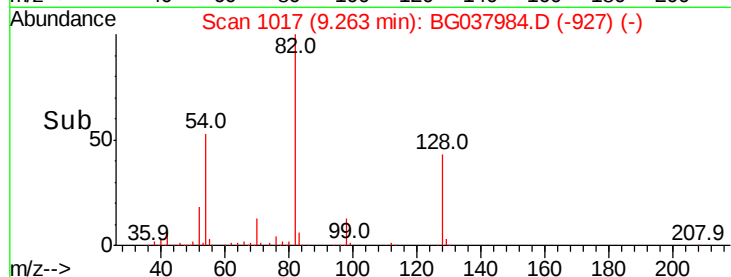
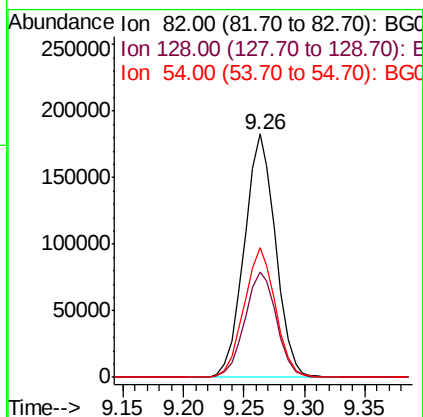
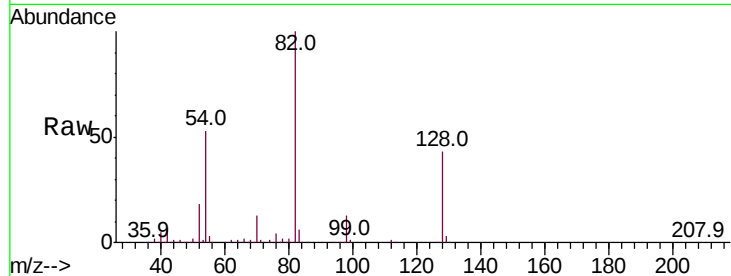




#23
Nitrobenzene-d5
Concen: 82.925 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

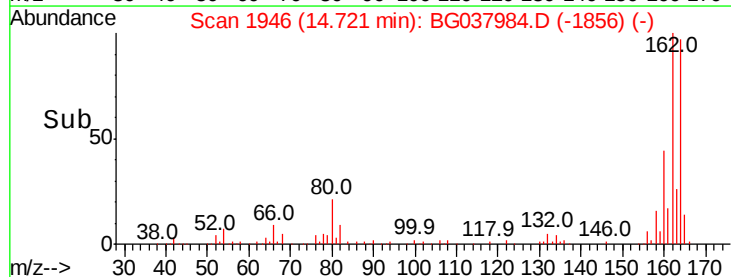
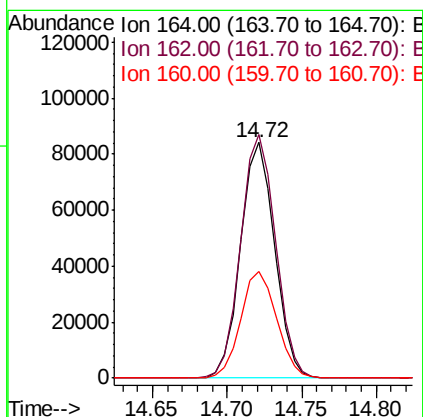
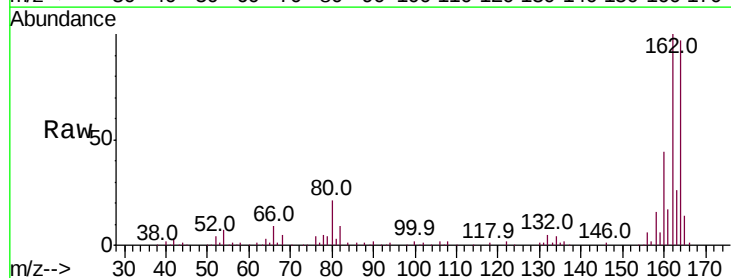
Instrument :
BNA_G
ClientSampleID :
SB-15-S

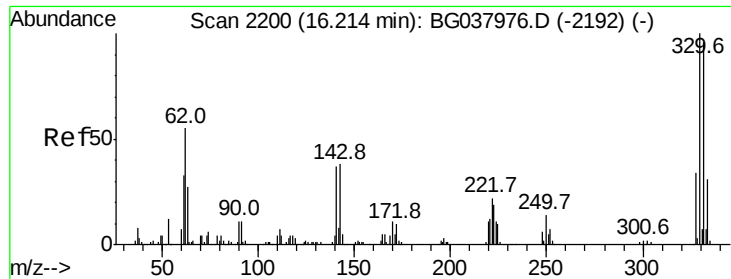
Tot Ion	82.00	Resp	329096
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	51.8
54	53.0	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion	164.00	Resp	133201
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.3	121.9
160	45.4	36.3	54.5

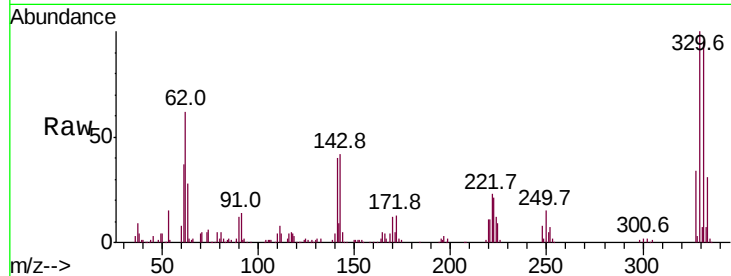




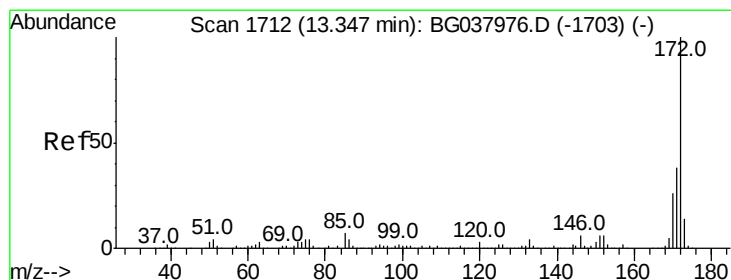
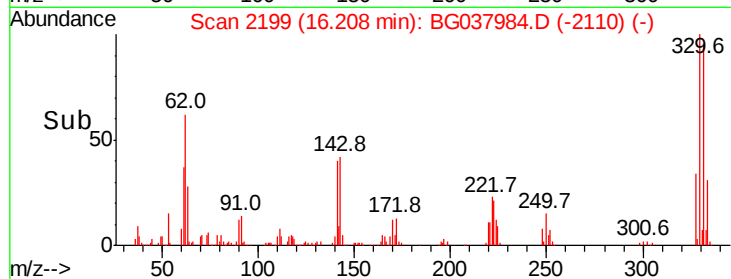
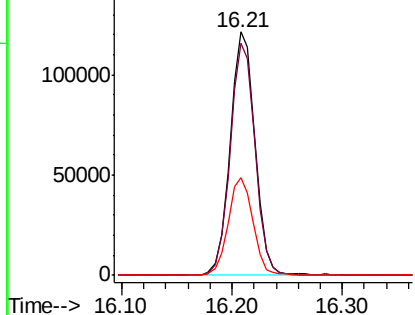
#42
 2,4,6-Tribromophenol
 Concen: 126.071 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	39.9	32.2	48.2

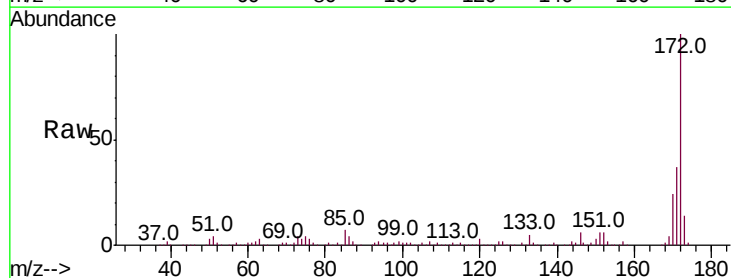


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

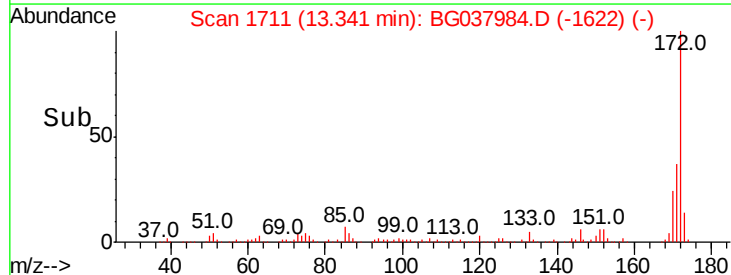
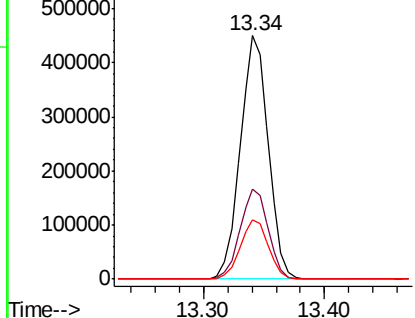


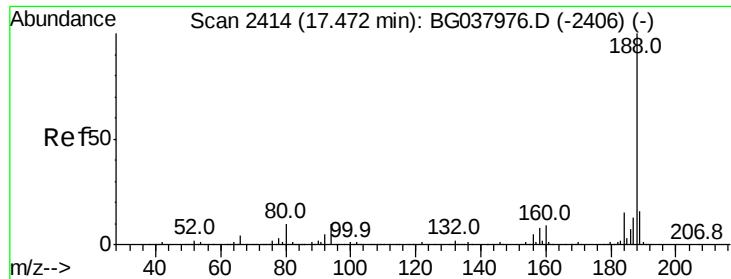
#45
 2-Fluorobiphenyl
 Concen: 79.082 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.4	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: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampled :

SB-15-S

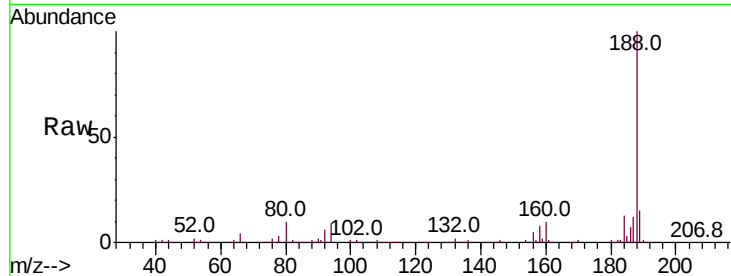
Tot Ion:188 Resp: 329614

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

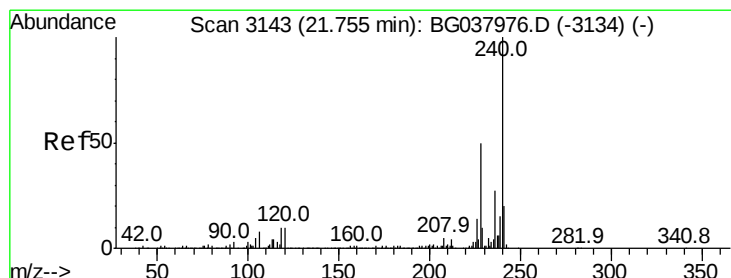
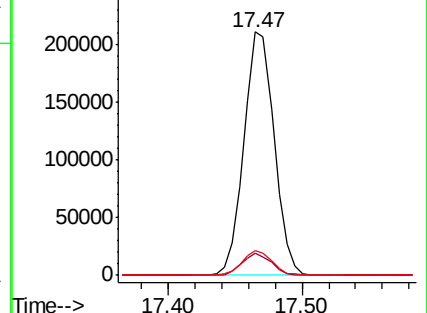
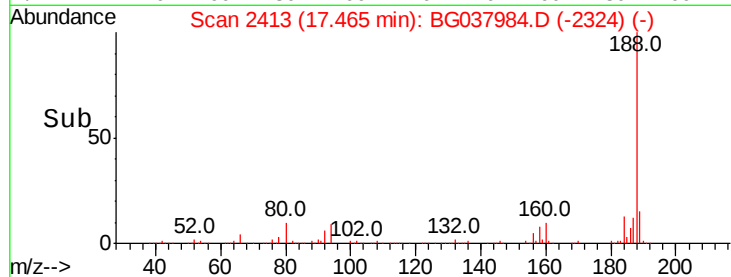
80 10.4 7.7 11.5



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: BG037984.D

Acq: 13 Nov 2018 19:19

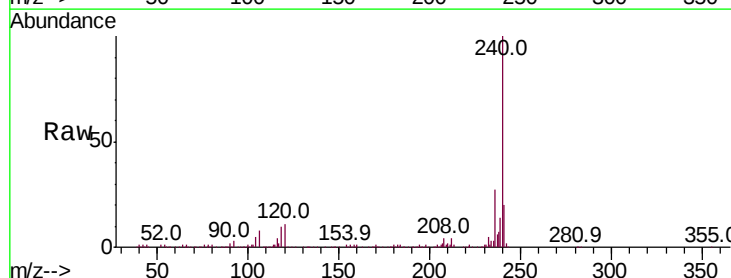
Tgt Ion:240 Resp: 319610

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

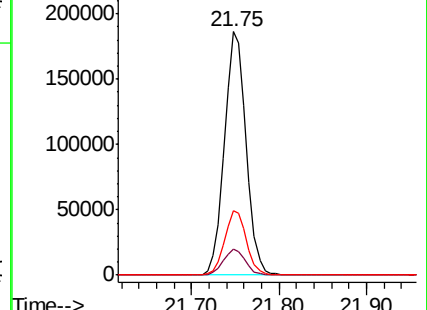
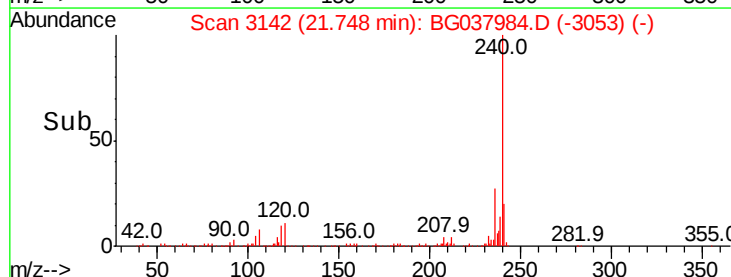
236 26.7 21.4 32.0



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: 90.938 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

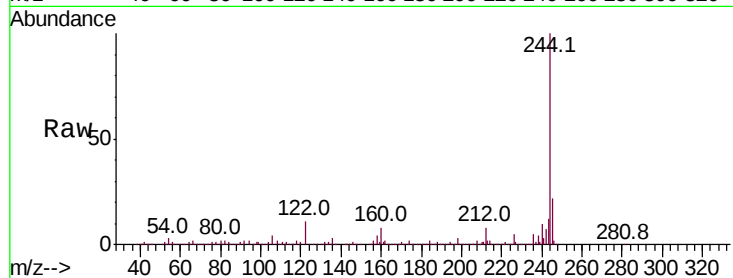
Tot Ion:244 Resp: 1235220

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

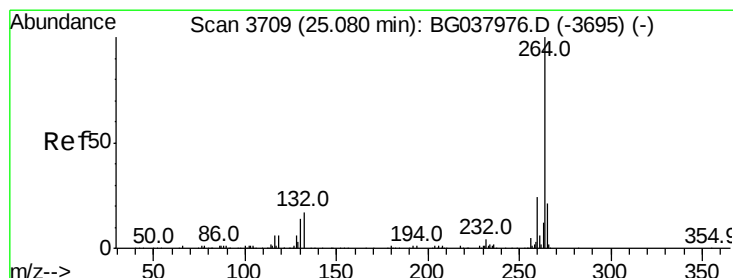
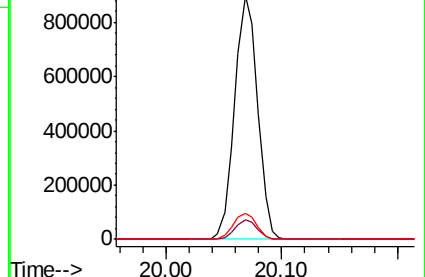
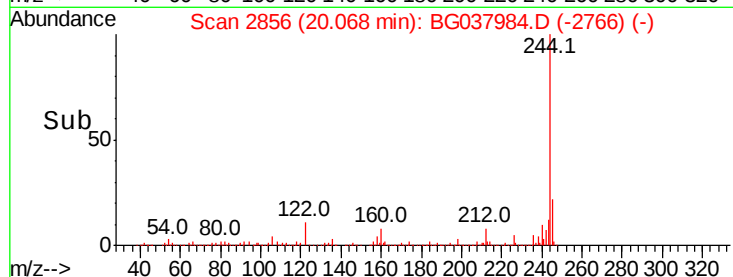
122 10.7 9.0 13.4



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# 3707

Delta R.T. -0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

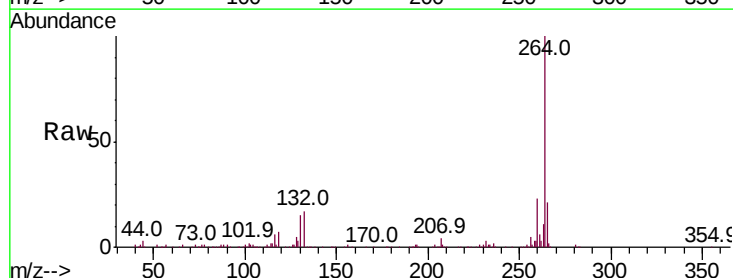
Tgt Ion:264 Resp: 323106

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.4 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

