

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037944.D
 Acq On : 12 Nov 2018 14:50
 Operator : JU/SJ
 Sample : J5895-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Nov 12 17:26:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

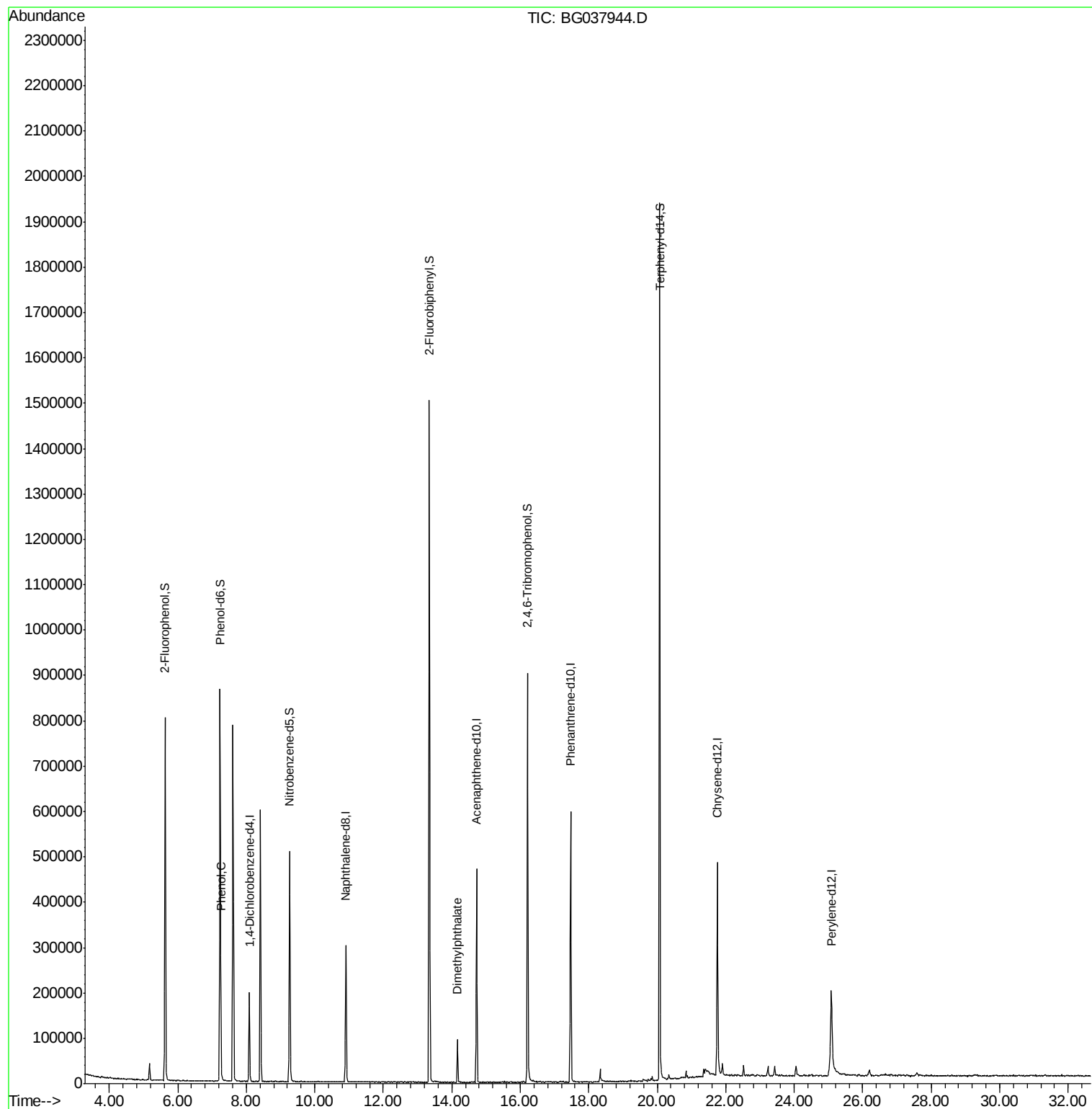
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59752	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	272695	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	174854	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	376683	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	328280	20.00	ng	-0.02
87) Perylene-d12	25.08	264	275523	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370407	103.64	ng	-0.01
7) Phenol-d6	7.24	99	555301	102.75	ng	-0.01
23) Nitrobenzene-d5	9.26	82	334414	68.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	175774	92.17	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	813222	70.13	ng	-0.02
79) Terphenyl-d14	20.07	244	1055410	68.70	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	24273	4.257	ng	89
50) Dimethylphthalate	14.17	163	69502	5.138	ng	99

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

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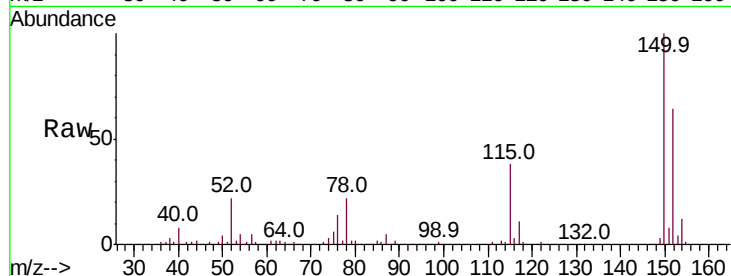


#1

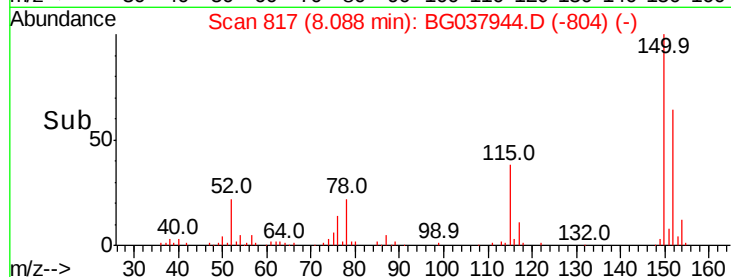
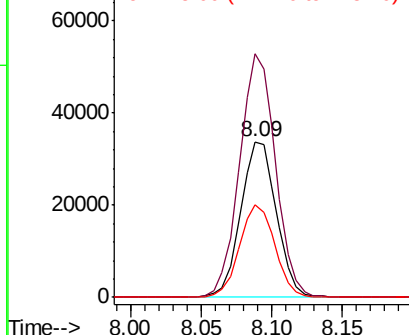
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Instrument :
BNA_G
ClientSampleId :
SB-1

Tot Ion:152 Resp: 59752
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 59.3 45.5 68.3



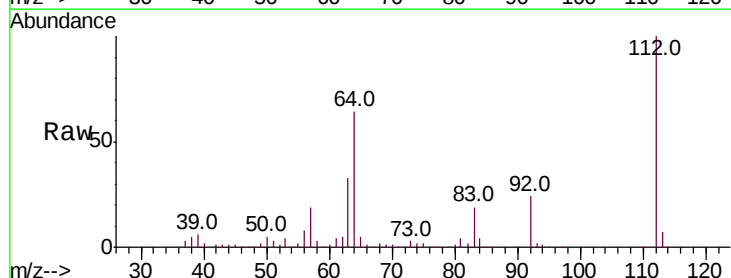
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



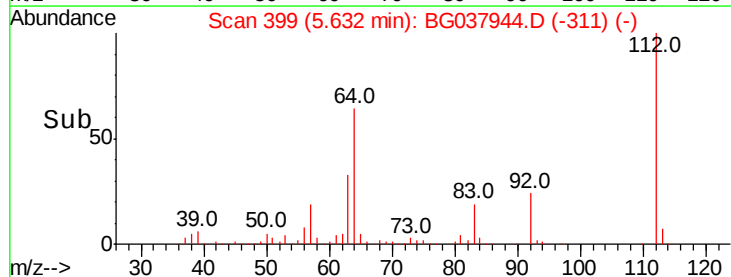
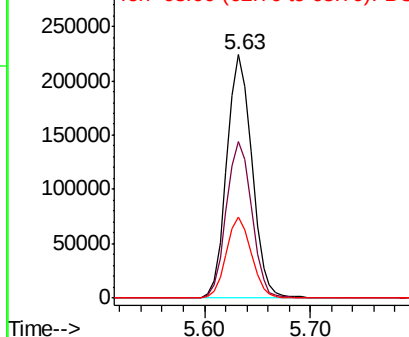
#5

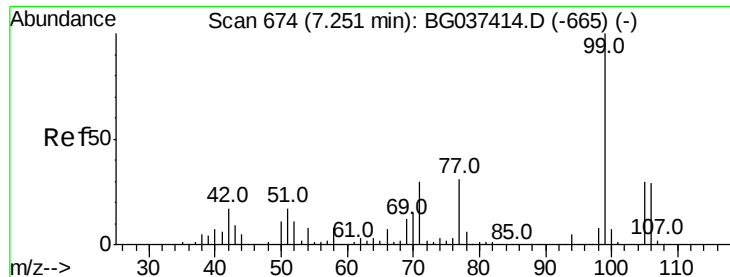
2-Fluorophenol
Concen: 103.639 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Tgt Ion:112 Resp: 370407
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 33.3 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: 102.751 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampleId :

SB-1

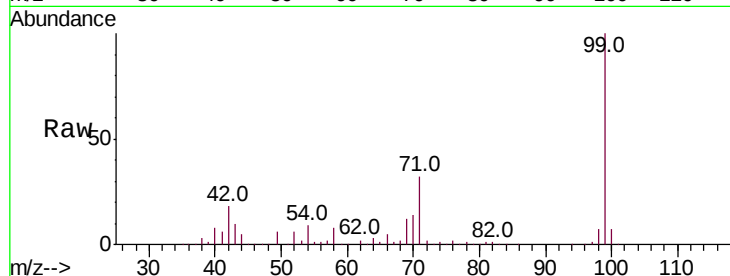
Tot Ion: 99 Resp: 555301

Ion Ratio Lower Upper

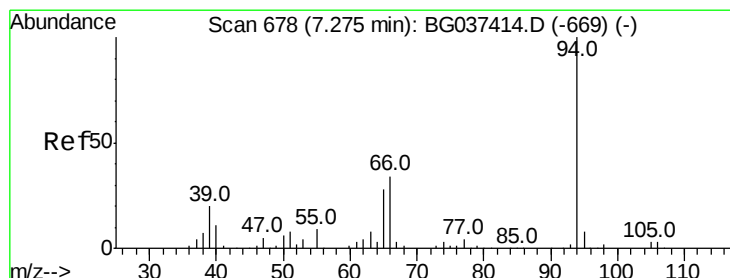
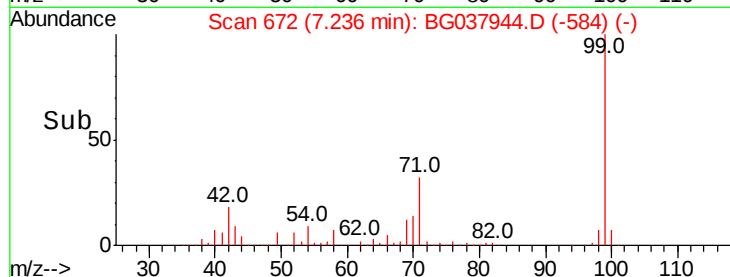
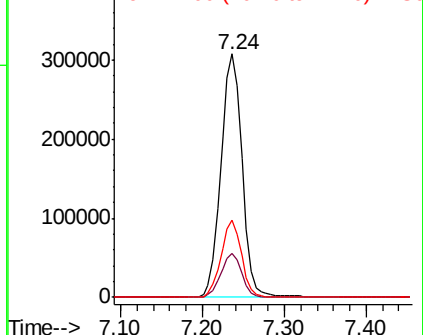
99 100

42 17.9 15.0 22.4

71 31.9 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



#10

Phenol

Concen: 4.257 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

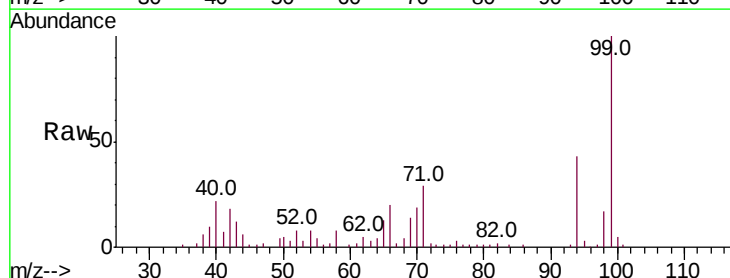
Tgt Ion: 94 Resp: 24273

Ion Ratio Lower Upper

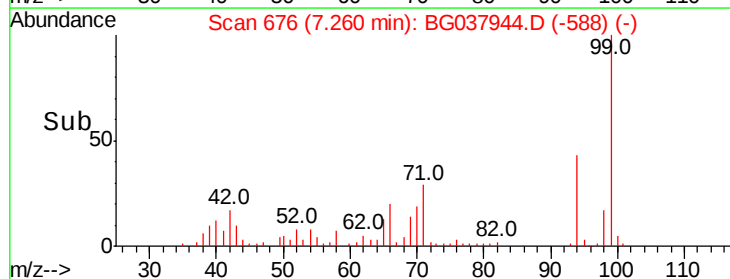
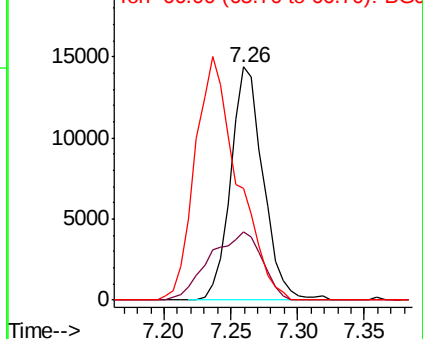
94 100

65 29.3 9.7 49.7

66 47.8 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

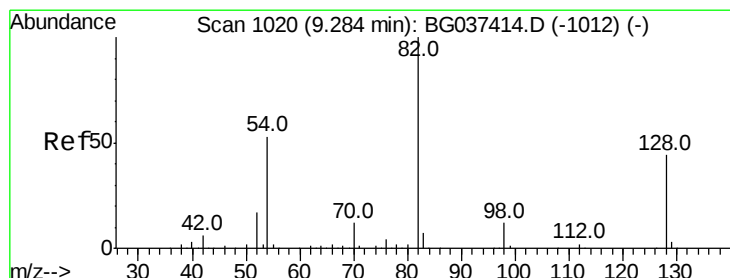
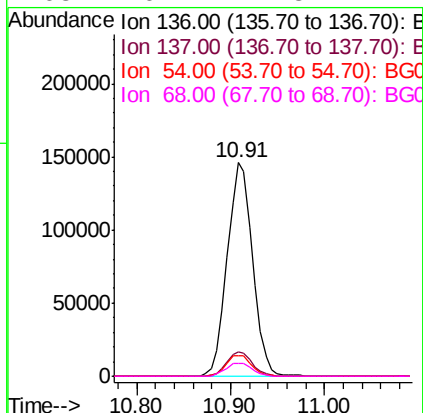
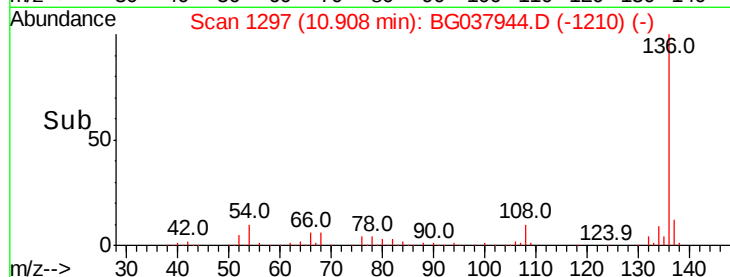
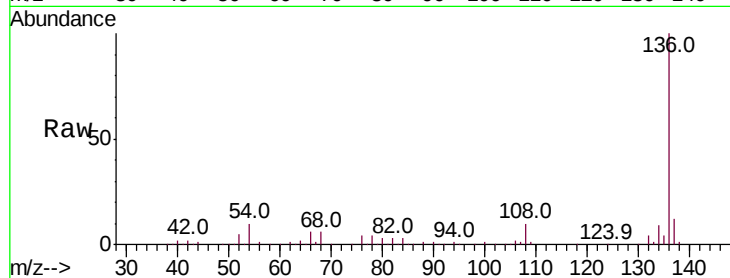




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

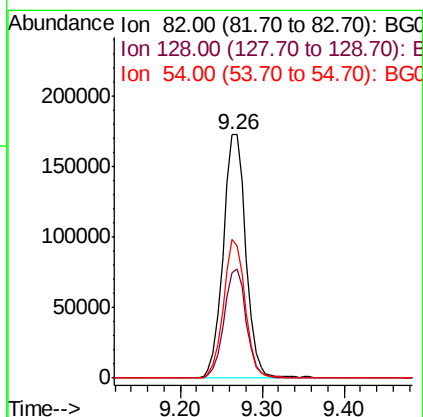
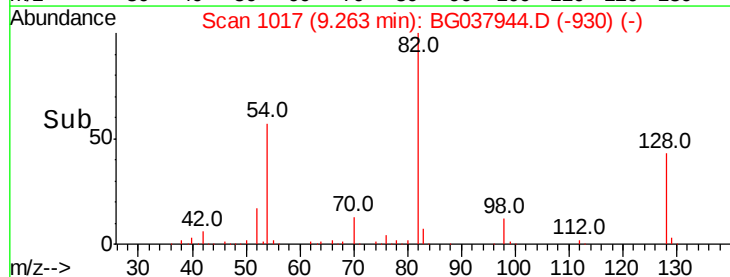
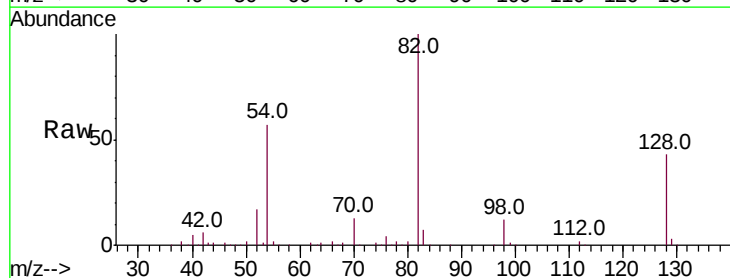
Instrument :
BNA_G
ClientSampleId :
SB-1

Tot Ion:	136	Resp:	272695
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.8	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 68.698 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Tgt Ion:	82	Resp:	334414
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	56.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampled :

SB-1

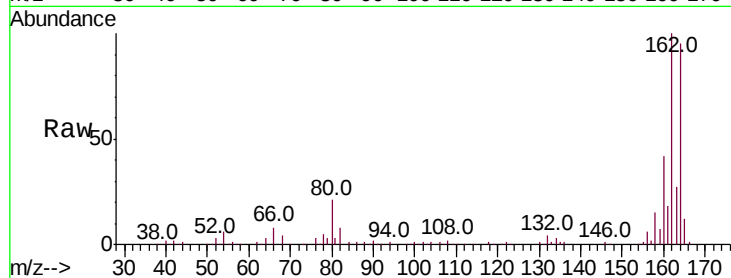
Tot Ion:164 Resp: 174854

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

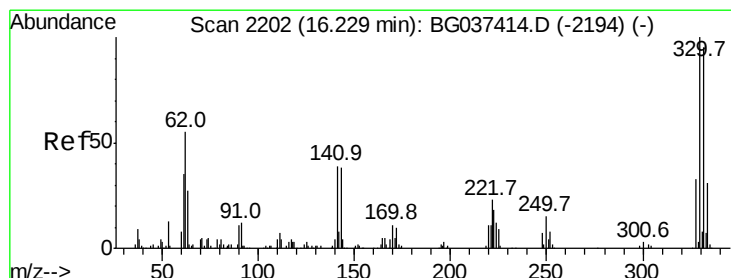
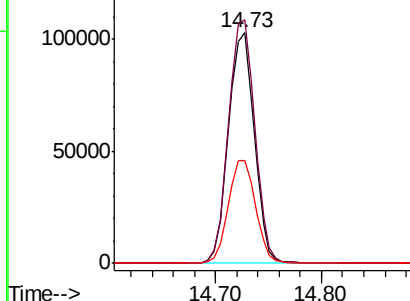
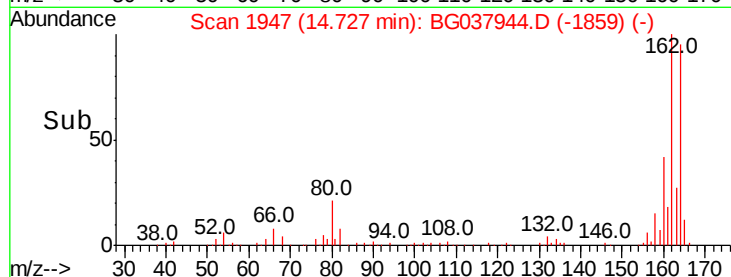
160 44.8 36.3 54.5



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: 92.168 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

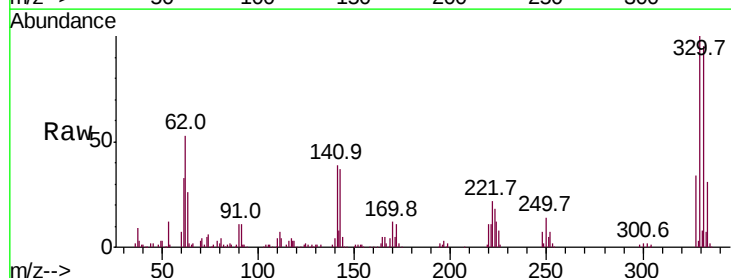
Tgt Ion:330 Resp: 175774

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

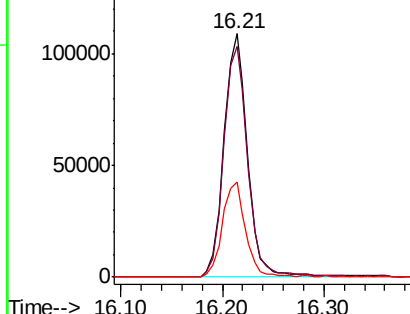
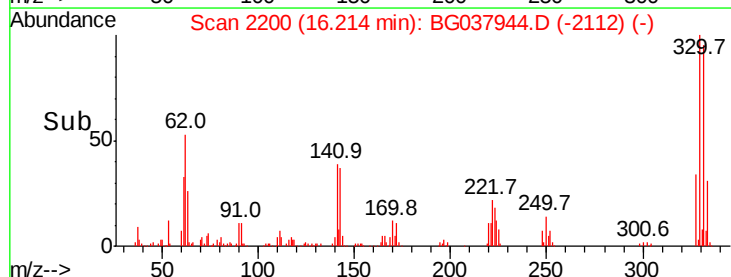
141 38.4 32.2 48.2



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

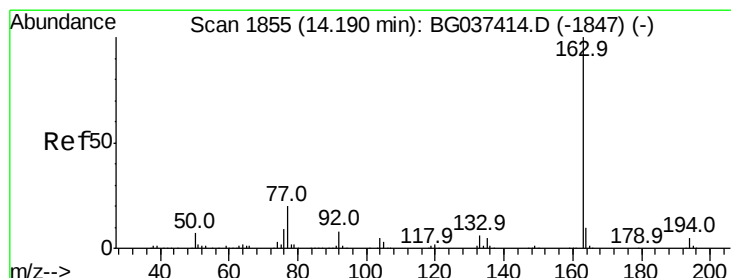
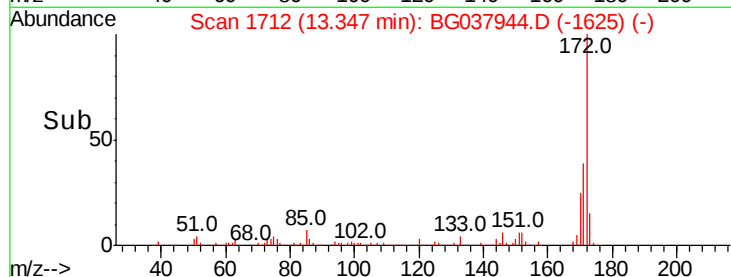
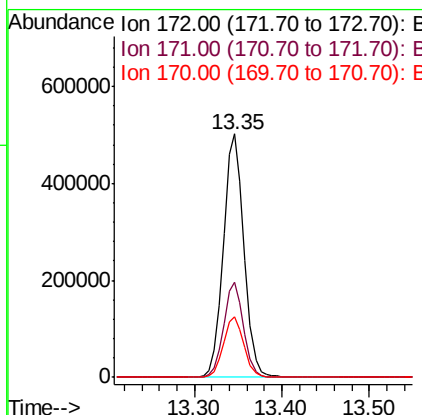
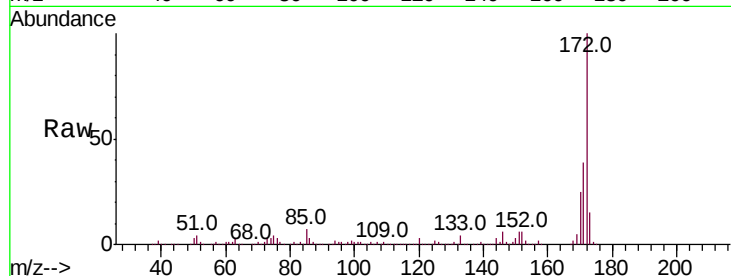




#45
2-Fluorobiphenyl
Concen: 70.132 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

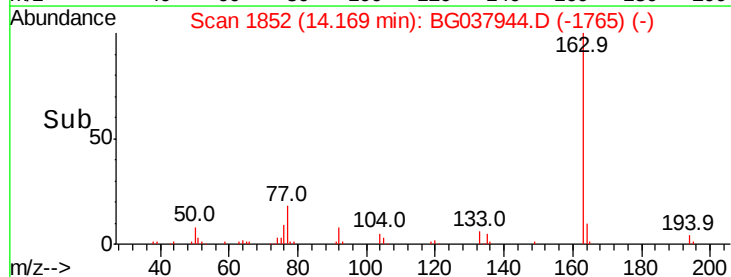
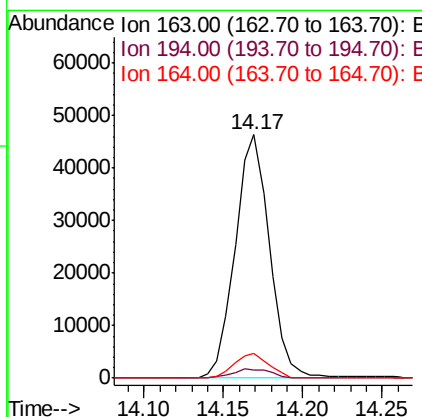
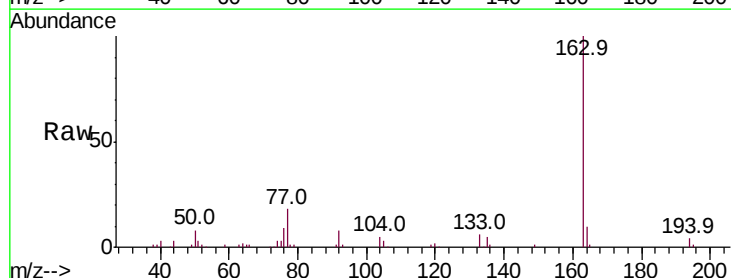
Instrument :
BNA_G
ClientSampleId :
SB-1

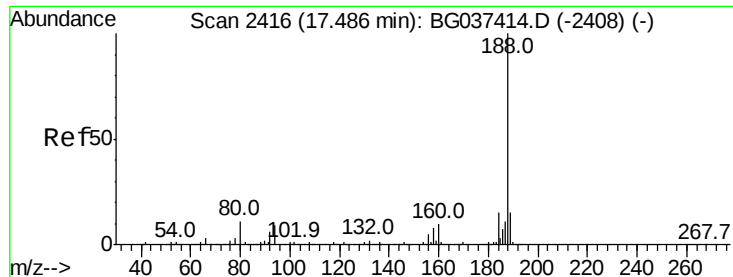
Tot Ion:172 Resp: 813222
Ion Ratio Lower Upper
172 100
171 38.9 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 5.138 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Tgt Ion:163 Resp: 69502
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.3 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampleId :

SB-1

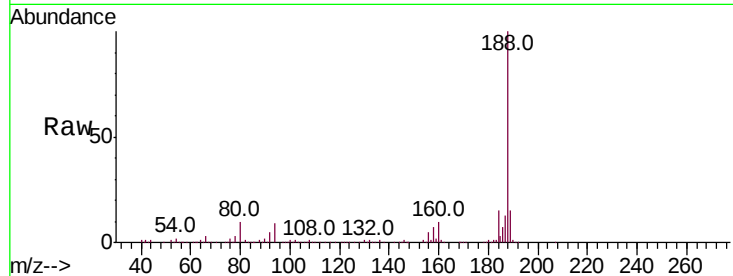
Tot Ion:188 Resp: 376683

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

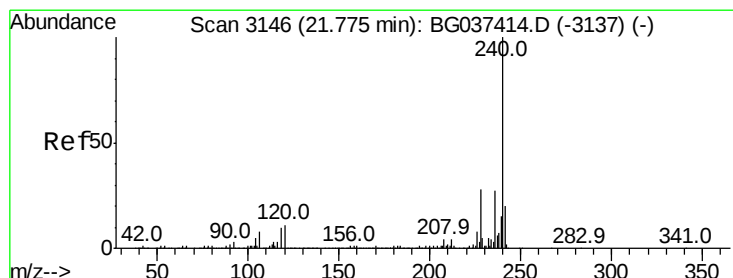
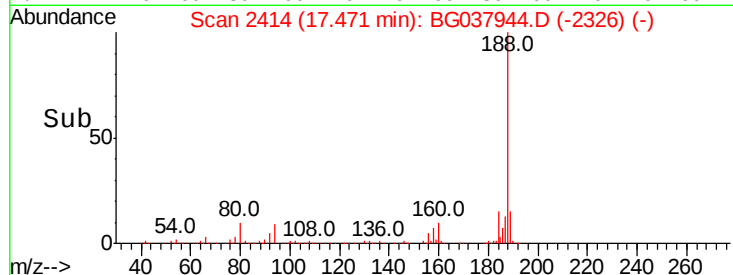
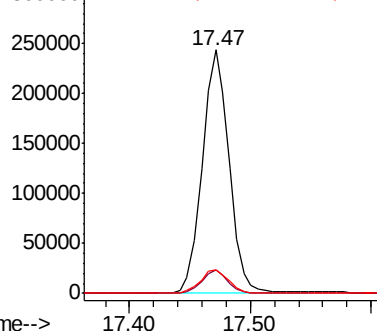
80 9.8 7.7 11.5



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# 3143

Delta R.T. -0.02 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

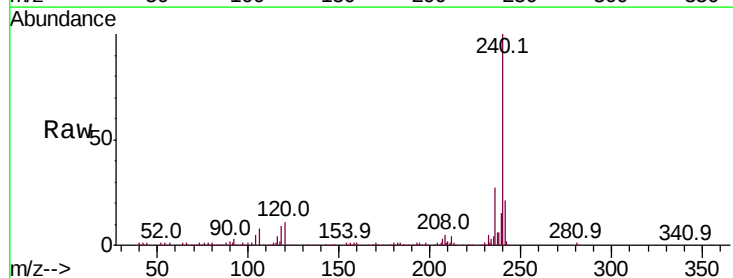
Tgt Ion:240 Resp: 328280

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

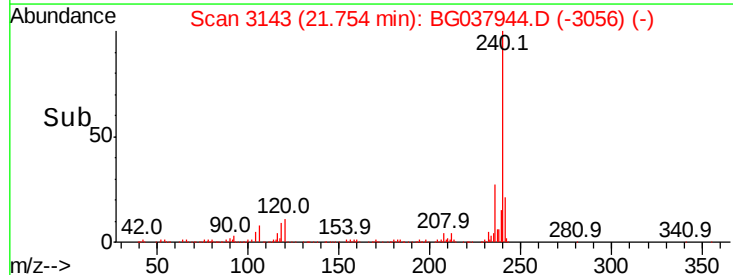
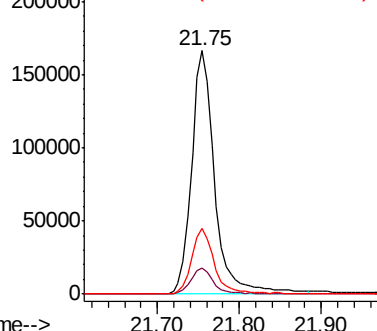
236 26.8 21.4 32.0

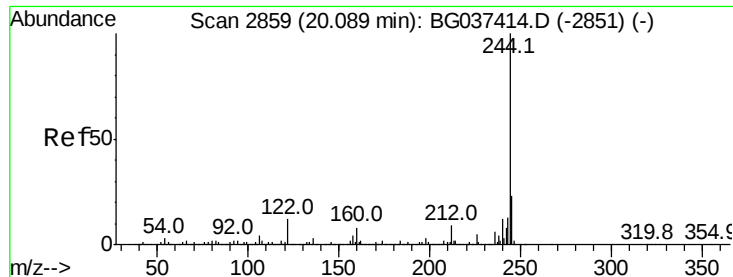


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.696 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

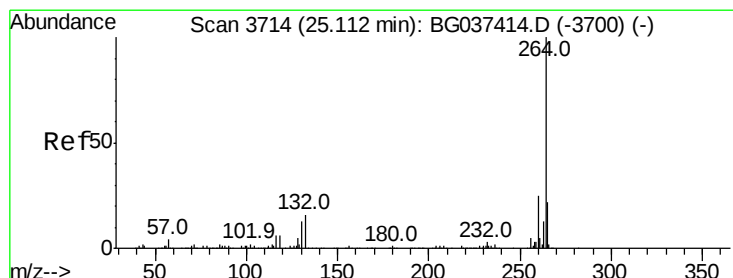
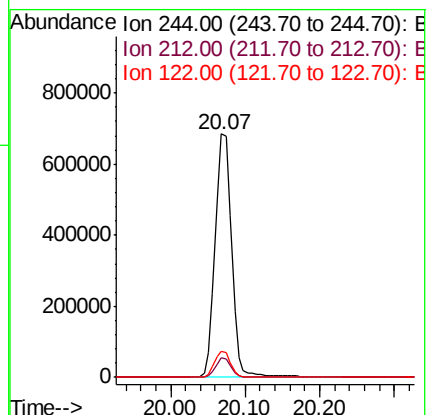
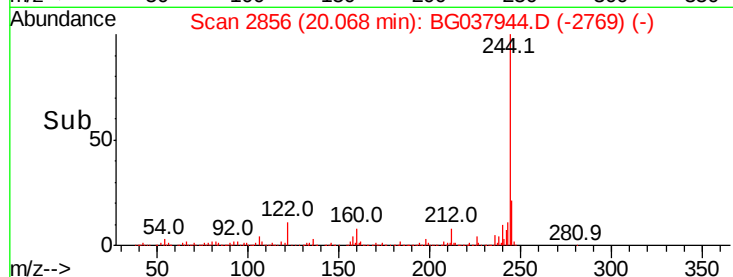
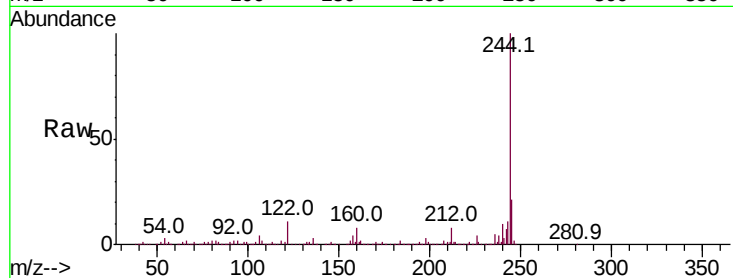
BNA_G

ClientSampleId :

SB-1

Tot Ion:244 Resp: 1055410

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.8	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Tgt Ion:264 Resp: 275523

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.6	17.9	26.9

