

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037656.D
 Acq On : 30 Oct 2018 16:40
 Operator : JU/SJ
 Sample : J5718-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-CFA-111C

Quant Time: Oct 31 09:00:10 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

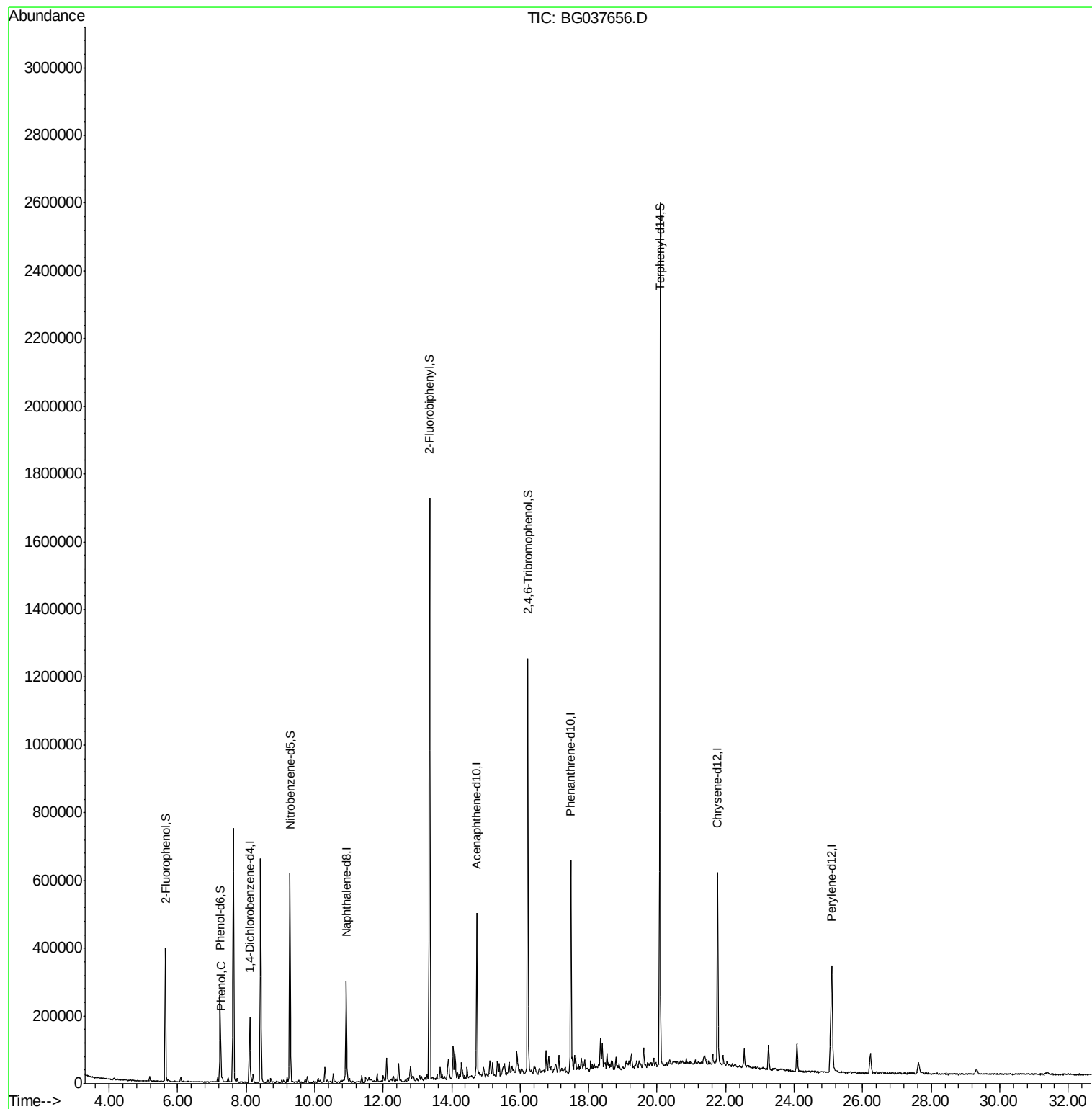
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58902	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266945	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	176426	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	401061	20.00	ng	0.00
76) Chrysene-d12	21.76	240	365615	20.00	ng	-0.01
87) Perylene-d12	25.10	264	368499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	184555	52.38	ng	0.00
7) Phenol-d6	7.24	99	168367	31.60	ng	-0.01
23) Nitrobenzene-d5	9.28	82	383687	80.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	225466	117.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	921063	78.72	ng	-0.01
79) Terphenyl-d14	20.08	244	1230841	71.93	ng	0.00
Target Compounds						
10) Phenol	7.27	94	17151	3.051	ng	Qvalue 96

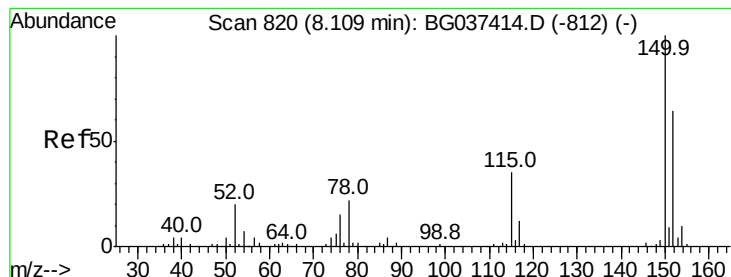
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037656.D

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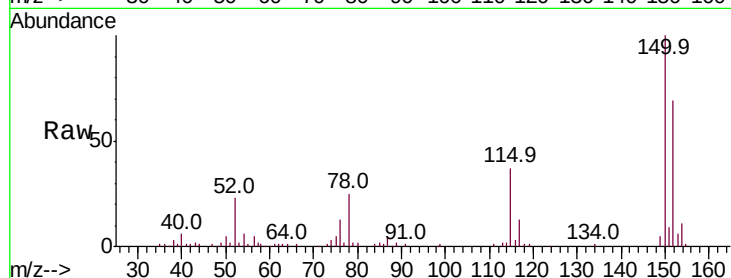
Tot Ion:152 Resp: 58902

Ion Ratio Lower Upper

152 100

150 144.6 126.0 189.0

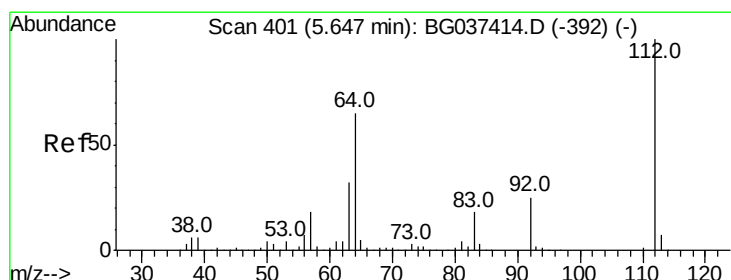
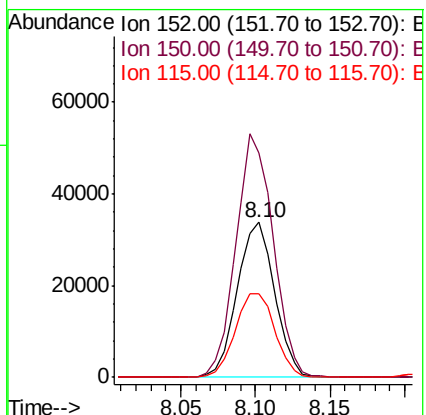
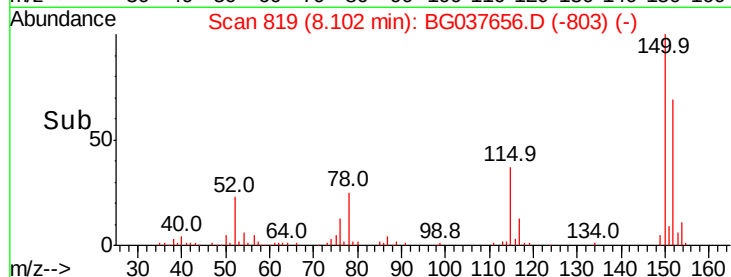
115 54.2 45.5 68.3



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: 52.383 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

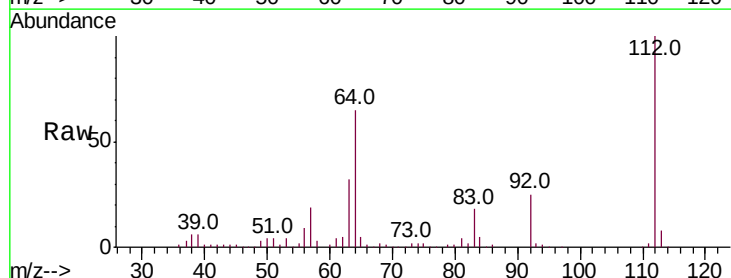
Tgt Ion:112 Resp: 184555

Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

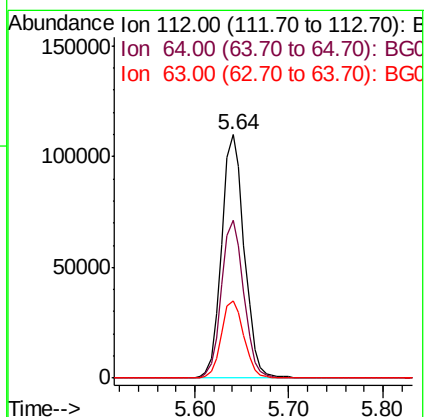
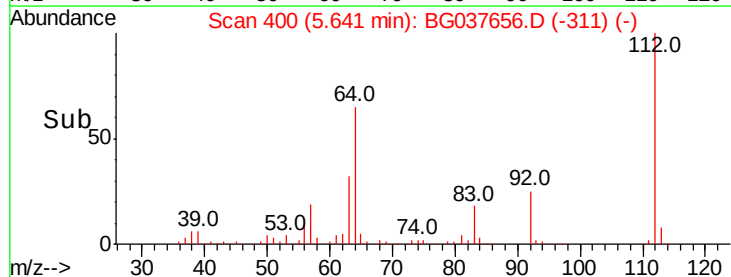
63 31.8 27.3 40.9

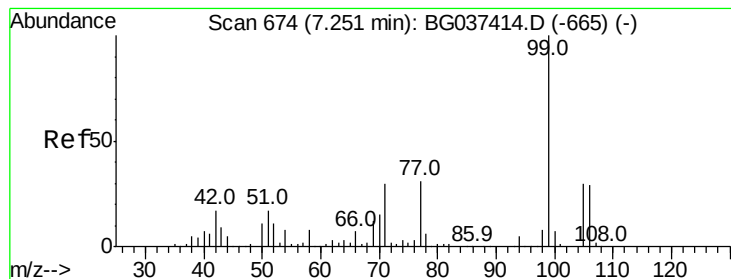


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.604 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleId :

WS-CFA-111C

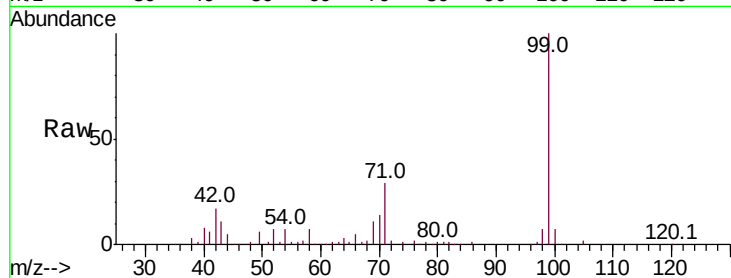
Tot Ion: 99 Resp: 168367

Ion Ratio Lower Upper

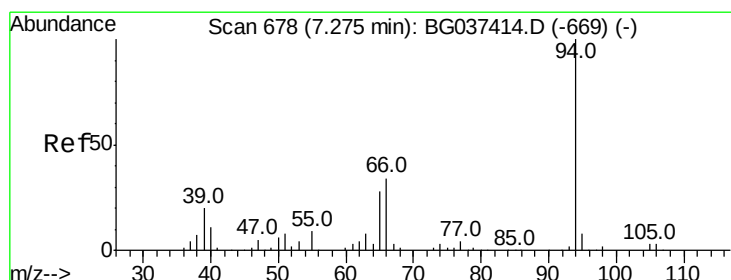
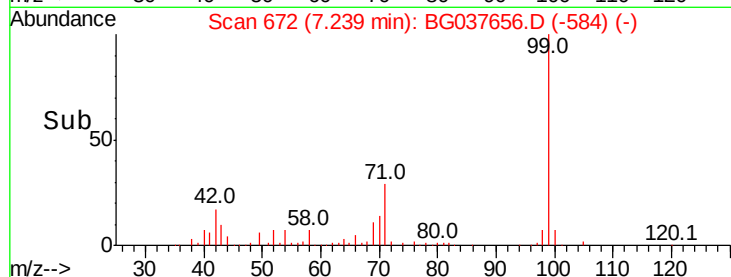
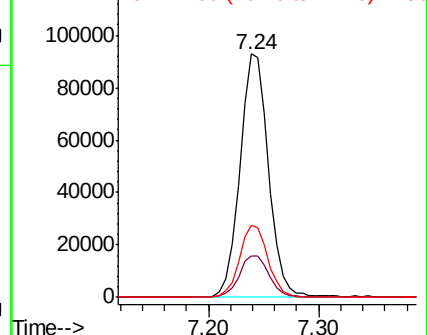
99 100

42 17.1 15.0 22.4

71 29.5 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: 3.051 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

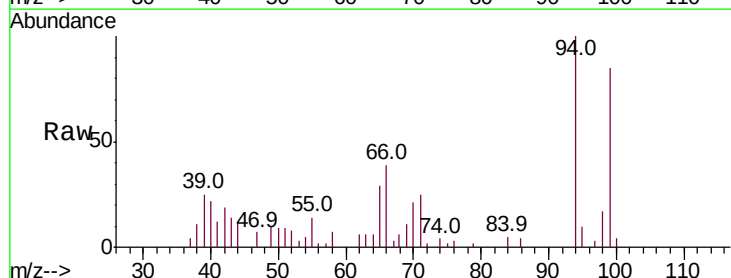
Tgt Ion: 94 Resp: 17151

Ion Ratio Lower Upper

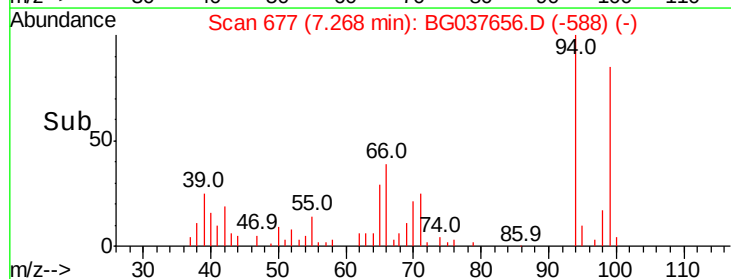
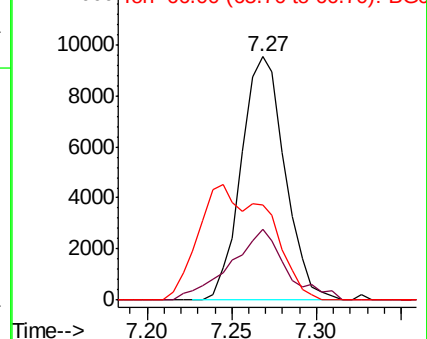
94 100

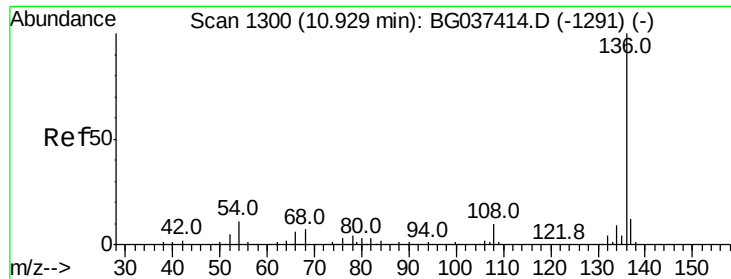
65 29.0 9.7 49.7

66 39.2 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

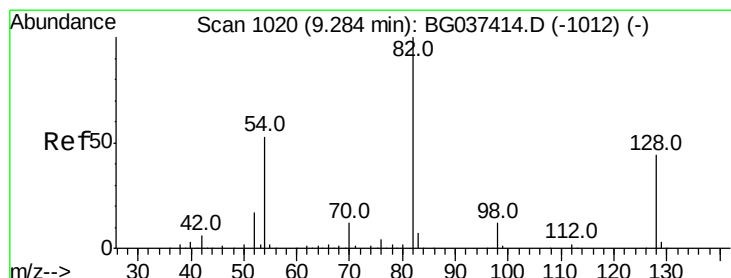
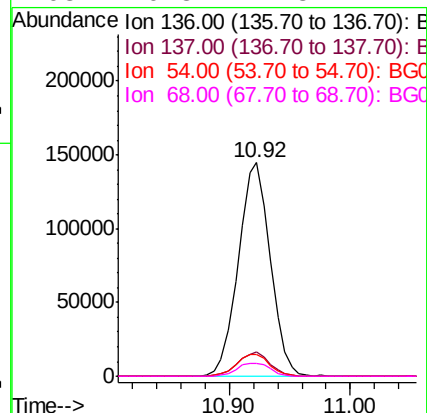
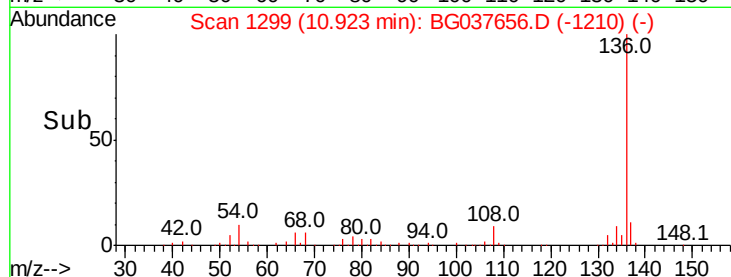
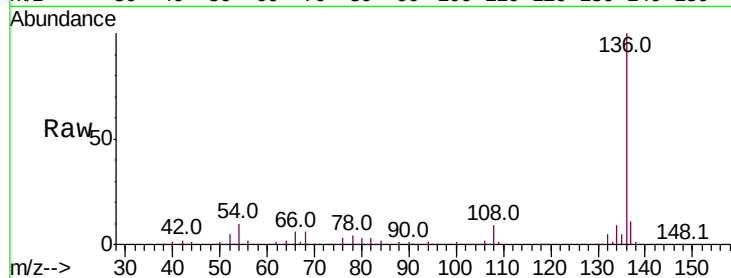




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

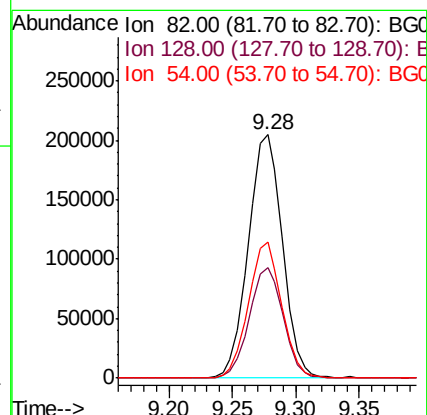
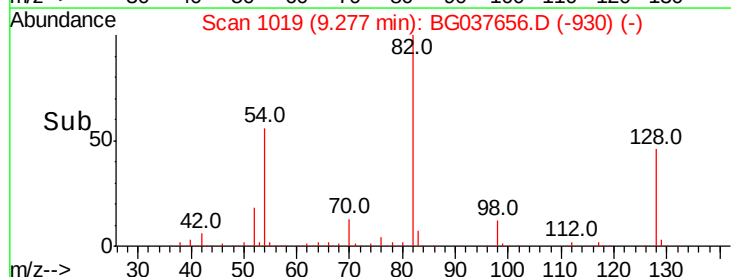
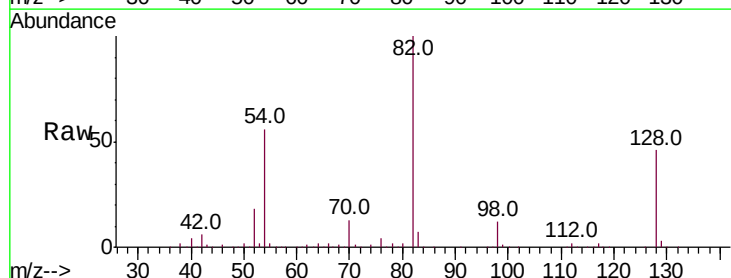
Instrument :
BNA_G
ClientSampleId :
WS-CFA-111C

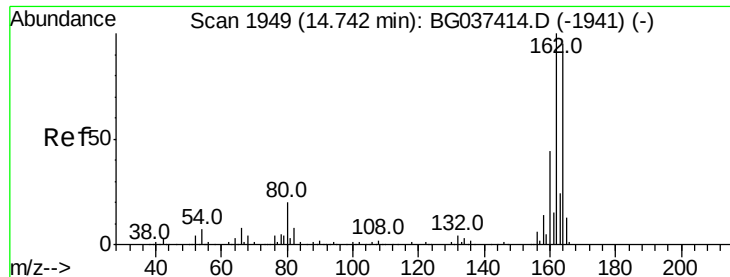
Tot Ion:136	Resp:	266945	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 10.1	7.9	11.9	
68 6.3	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 80.518 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Tgt	Ion: 82	Resp:	383687
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	56.1	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: BG037656.D

Acq: 30 Oct 2018 16:40

Instrument :

BNA_G

ClientSampleID :

WS-CFA-111C

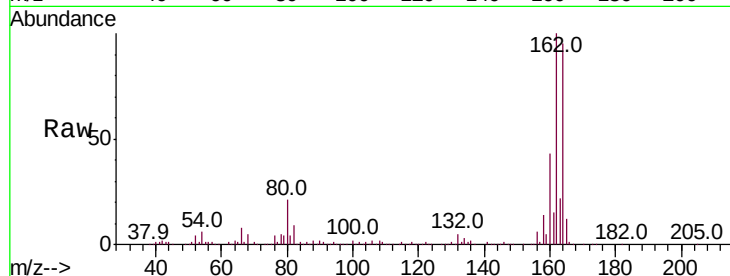
Tot Ion:164 Resp: 176426

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

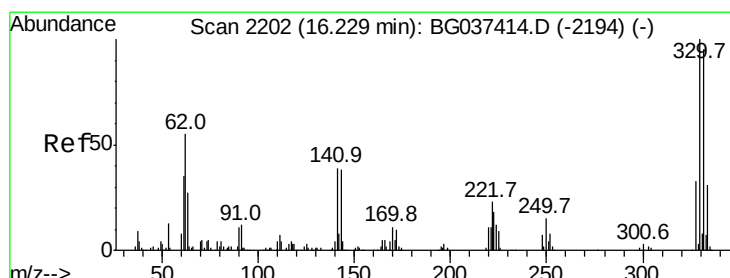
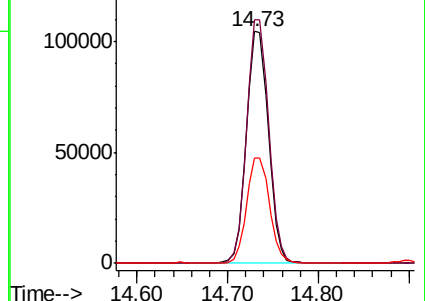
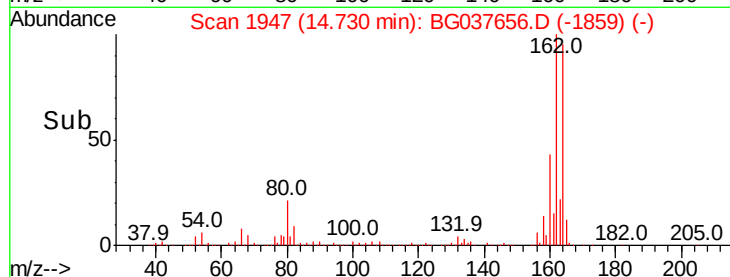
160 45.5 36.3 54.5



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: 117.170 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037656.D

Acq: 30 Oct 2018 16:40

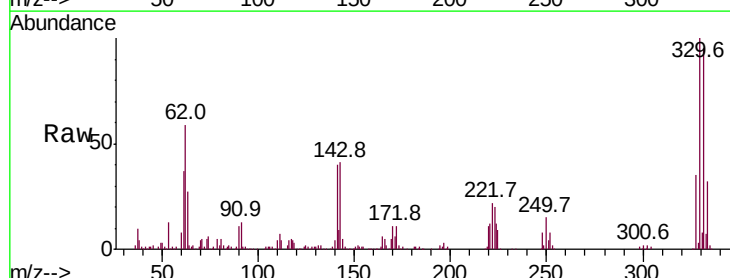
Tgt Ion:330 Resp: 225466

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

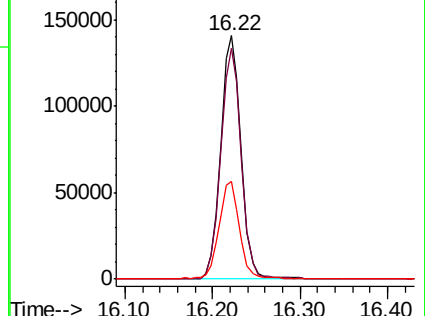
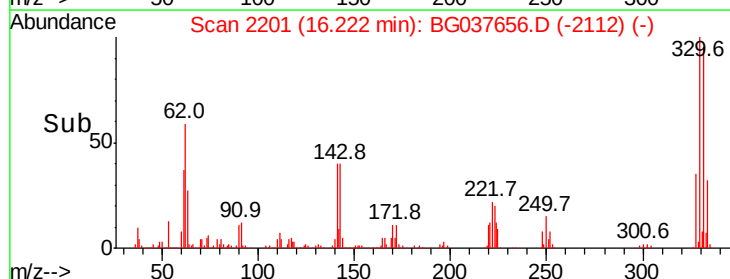
141 40.4 32.2 48.2

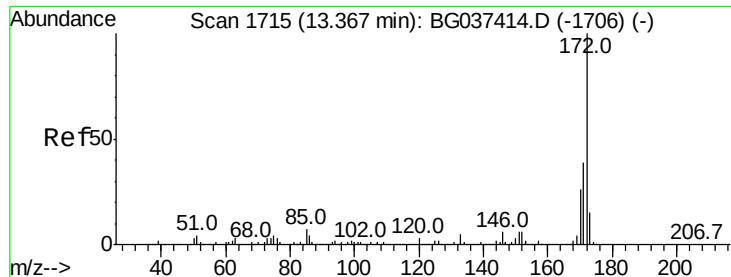


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

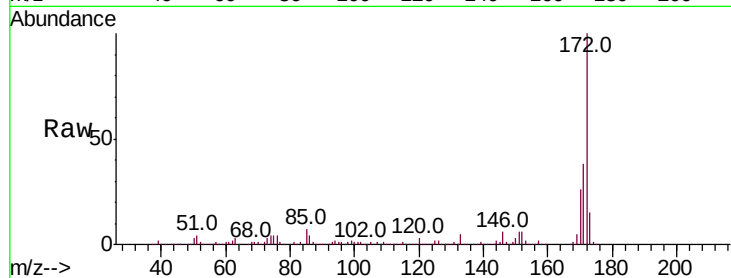




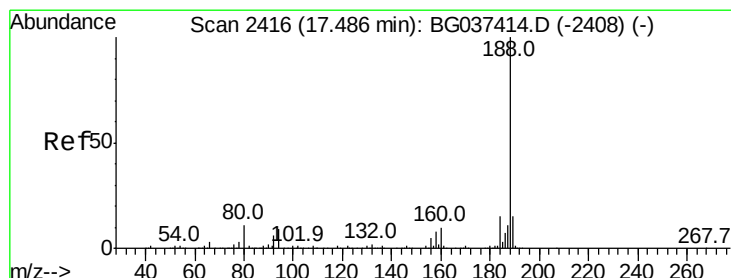
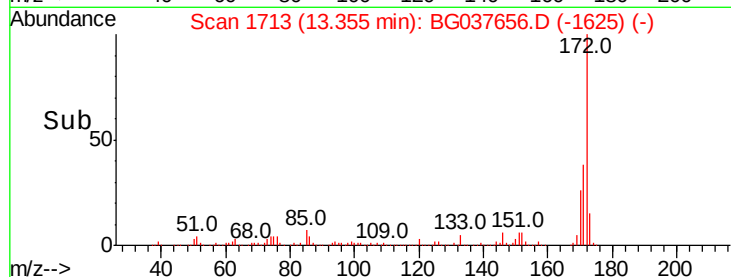
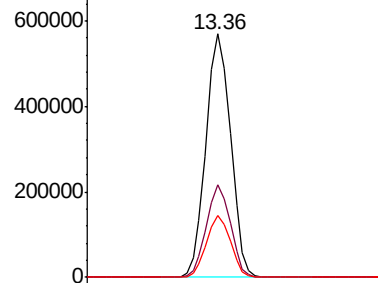
#45
2-Fluorobiphenyl
Concen: 78.725 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Instrument :
BNA_G
ClientSampleId :
WS-CFA-111C

Tot Ion:172 Resp: 921063
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.5 20.2 30.2

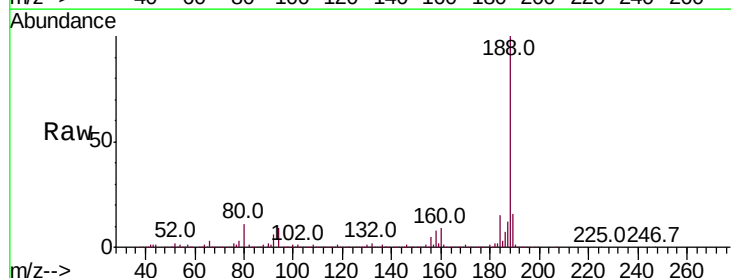


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

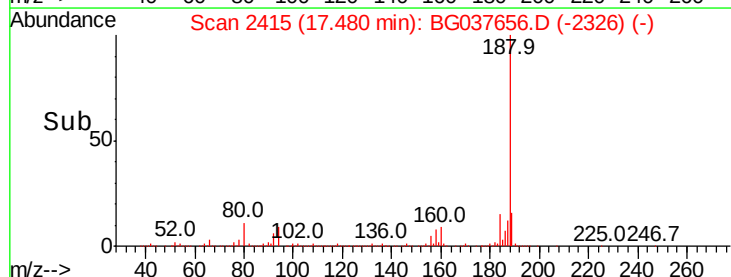
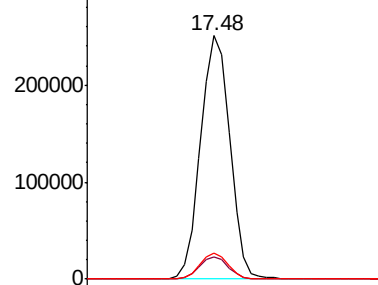


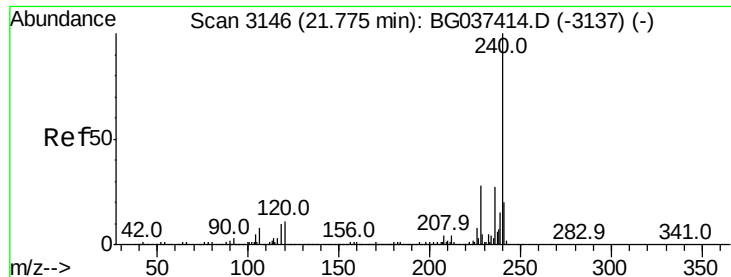
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Tgt Ion:188 Resp: 401061
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

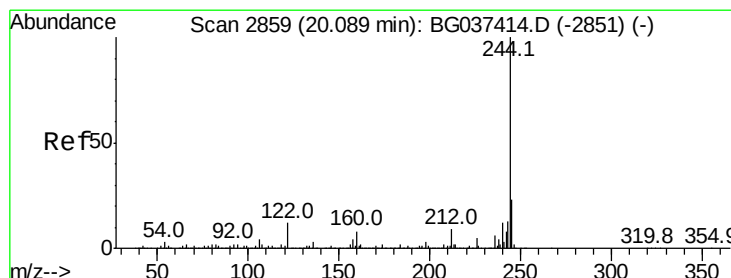
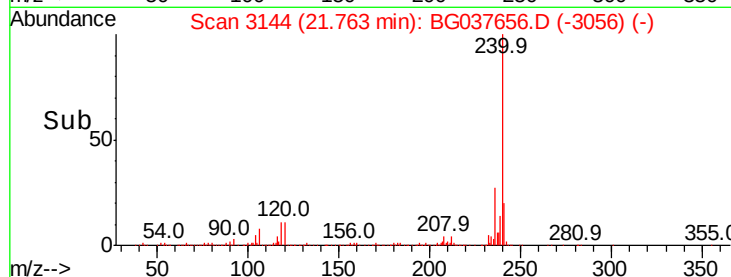
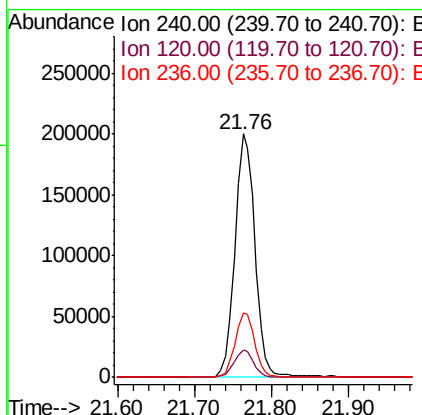
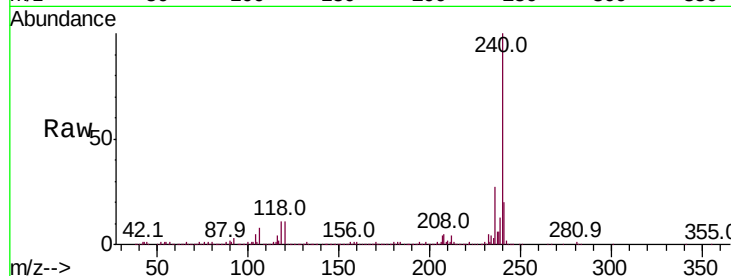




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037656.D
 Acq: 30 Oct 2018 16:40

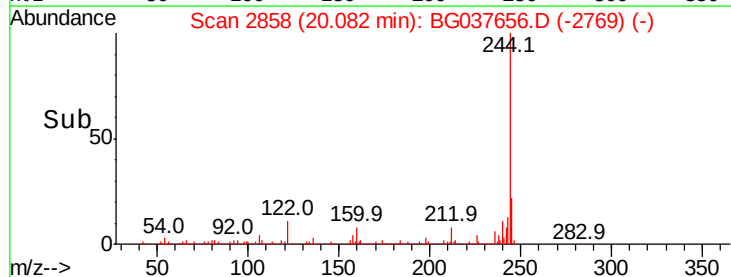
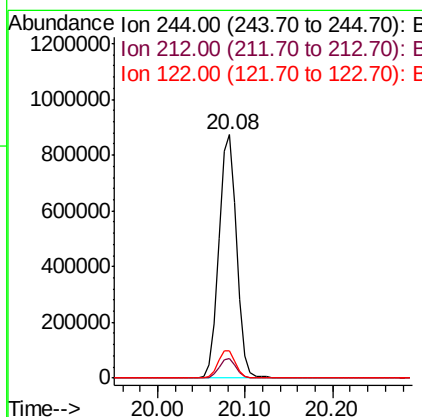
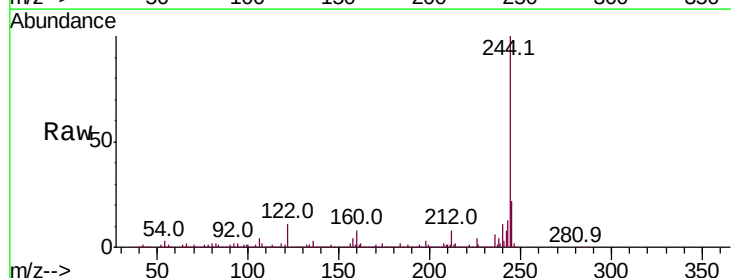
Instrument :
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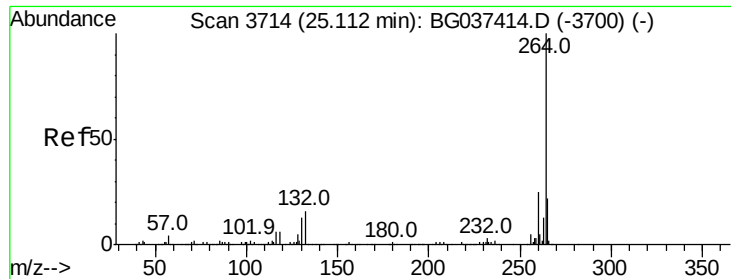
Tot Ion:240 Resp: 365615
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 71.934 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037656.D
 Acq: 30 Oct 2018 16:40

Tgt Ion:244 Resp: 1230841
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 11.1 9.0 13.4





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037656.D
Acq: 30 Oct 2018 16:40

Instrument :
BNA_G
ClientSampleId :
WS-CFA-111C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.2	17.9	26.9

