

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037555.D
 Acq On : 25 Oct 2018 21:35
 Operator : JU/SJ
 Sample : J5603-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT111

Quant Time: Oct 26 08:28:21 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	65735	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	294628	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	202967	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	463242	20.00	ng	0.00
76) Chrysene-d12	21.76	240	403993	20.00	ng	-0.01
87) Perylene-d12	25.10	264	410553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	210266	53.48	ng	0.00
7) Phenol-d6	7.25	99	190604	32.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	416564	79.20	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259429	117.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	983069	73.04	ng	0.00
79) Terphenyl-d14	20.08	244	1400294	74.06	ng	0.00

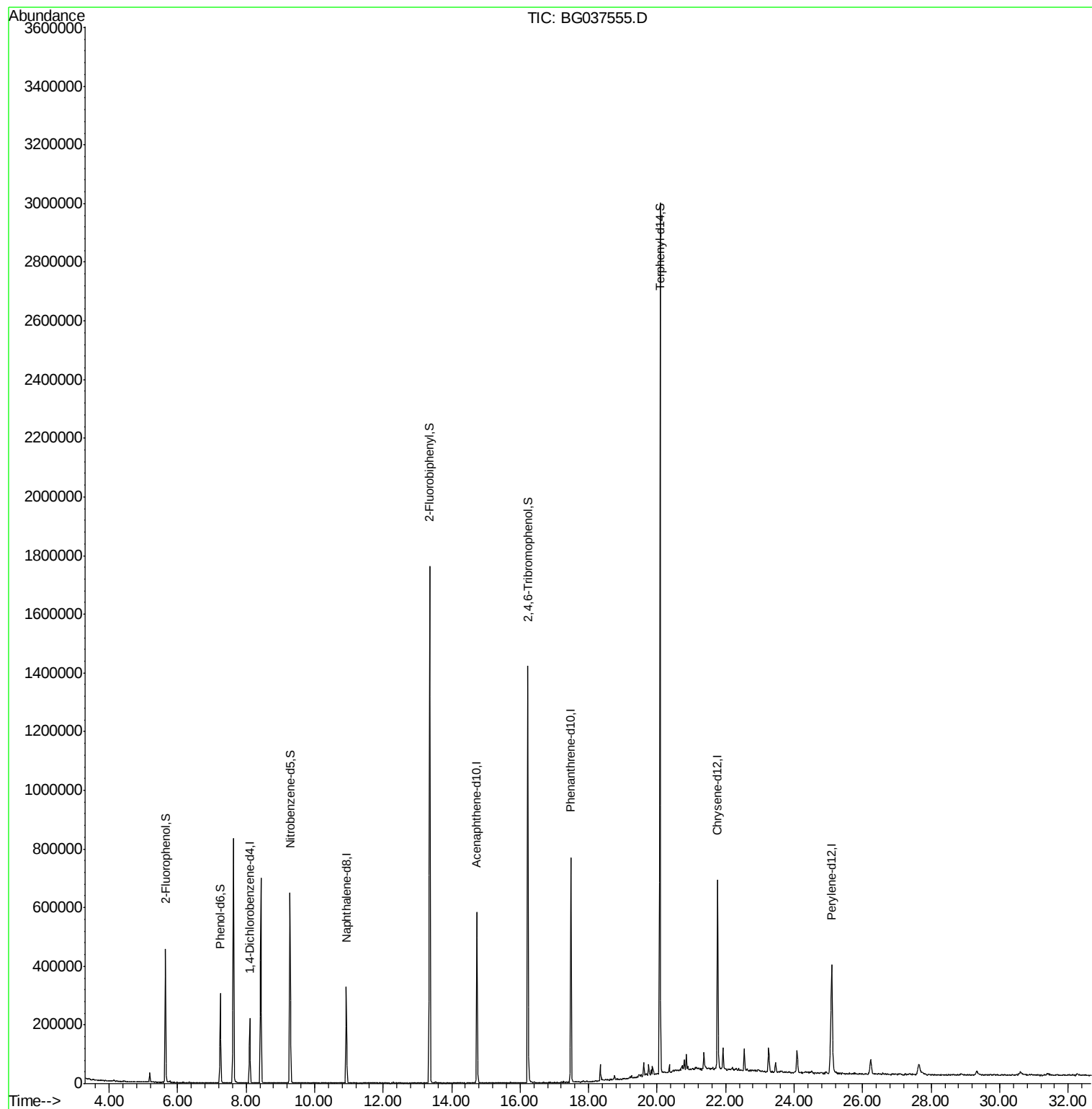
Target Compounds Qvalue

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

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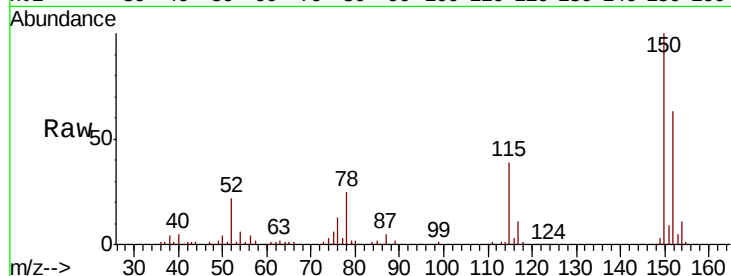


#1

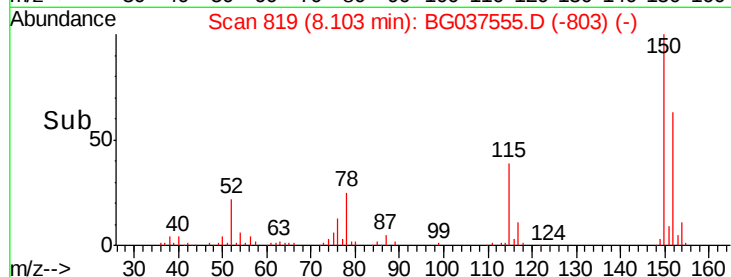
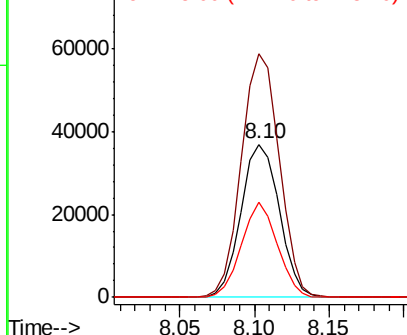
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Instrument :
BNA_G
ClientSampleId :
RAV-GT111

Tot Ion:152 Resp: 65735
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 62.1 45.5 68.3



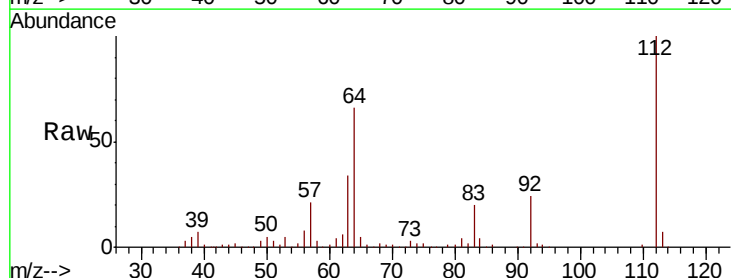
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



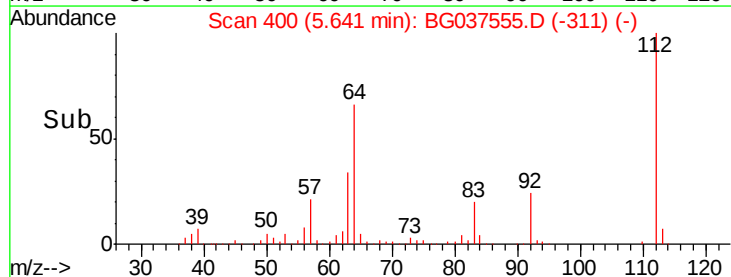
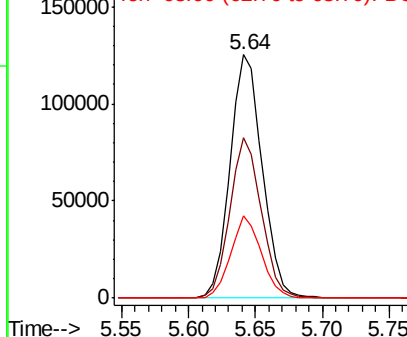
#5

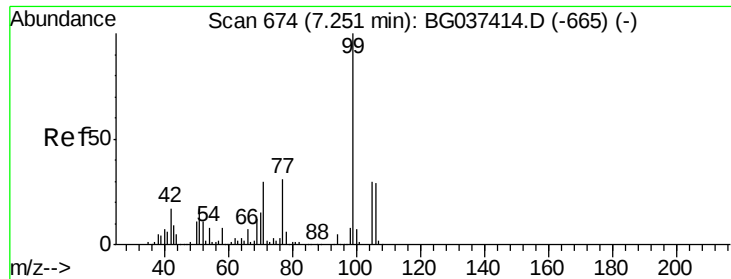
2-Fluorophenol
Concen: 53.477 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Tgt Ion:112 Resp: 210266
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 34.0 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: 32.059 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampleId :

RAV-GT111

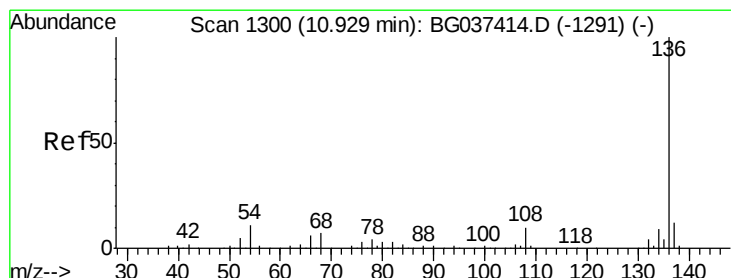
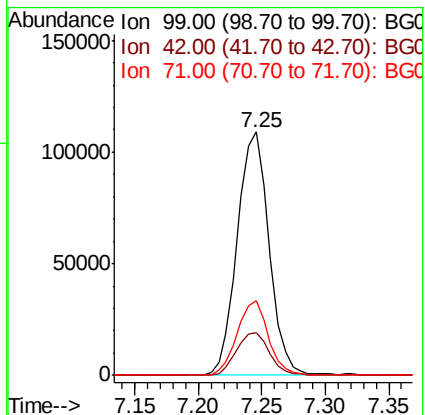
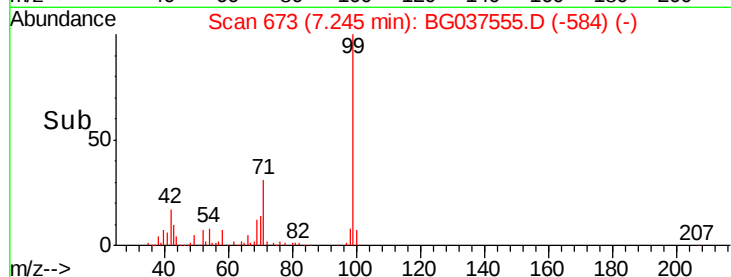
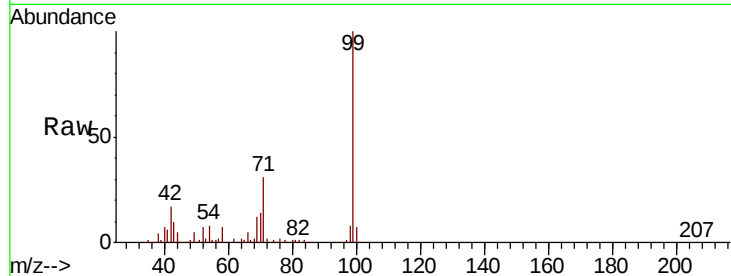
Tot Ion: 99 Resp: 190604

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 30.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Tgt Ion: 136 Resp: 294628

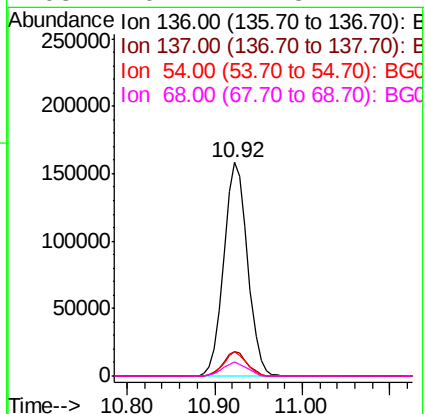
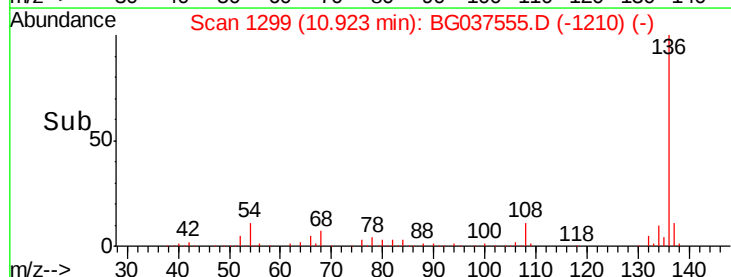
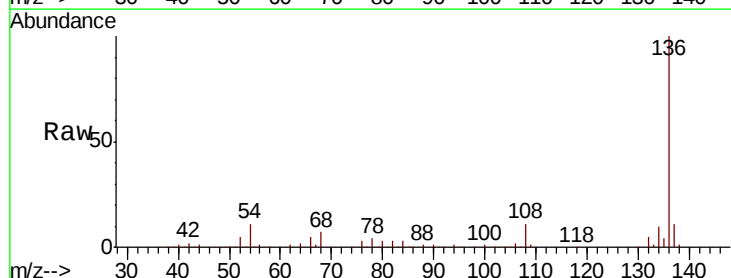
Ion Ratio Lower Upper

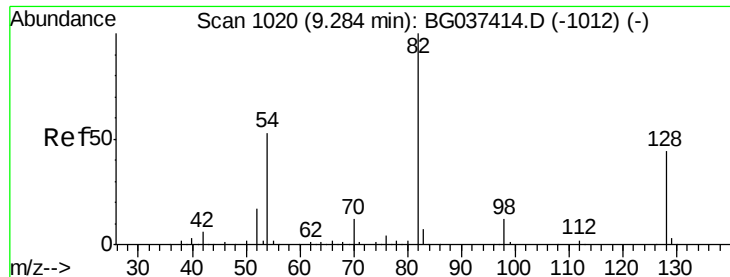
136 100

137 11.2 9.6 14.4

54 11.1 7.9 11.9

68 6.7 4.8 7.2

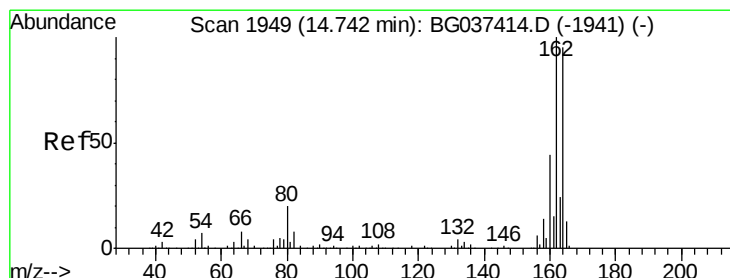
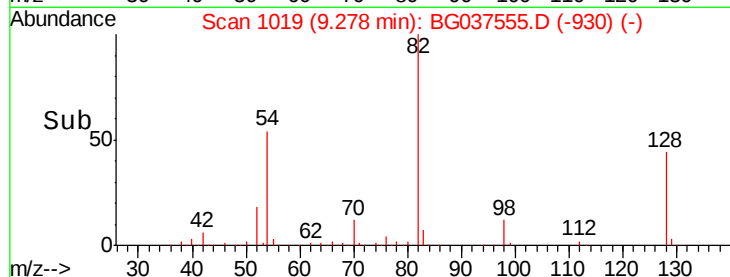
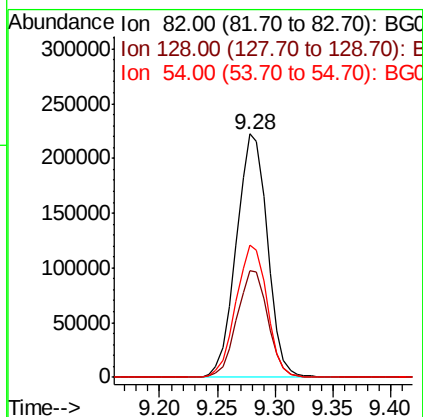
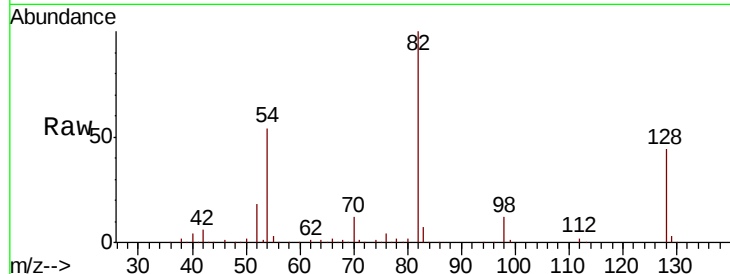




#23
 Nitrobenzene-d5
 Concen: 79.203 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

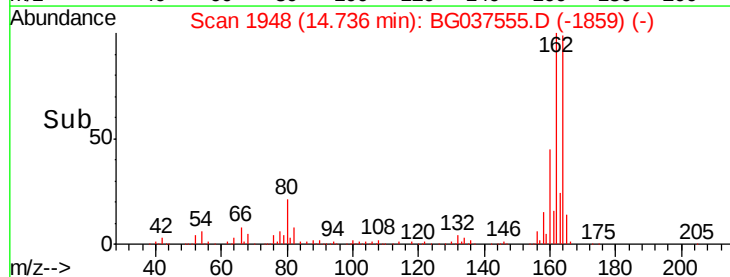
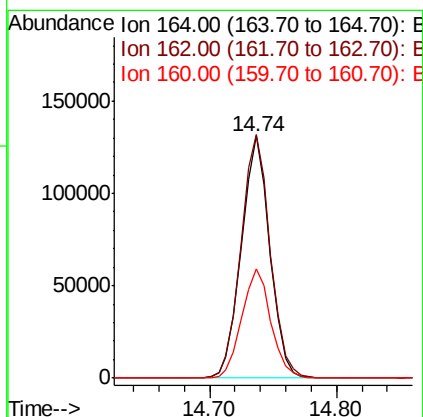
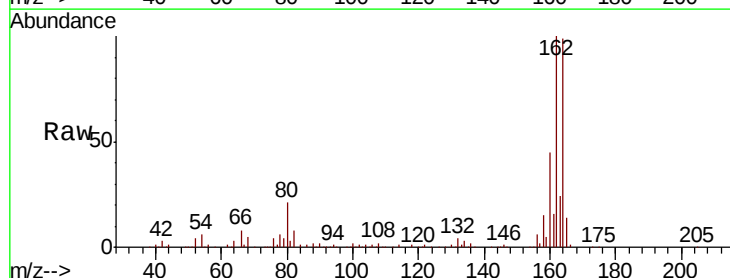
Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT111

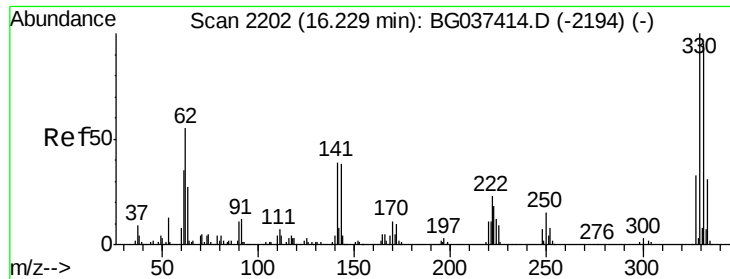
Tot Ion	82	Resp	416564
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	54.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

Tgt Ion	164	Resp	202967
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.3	121.9
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 117.190 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampleId :

RAV-GT111

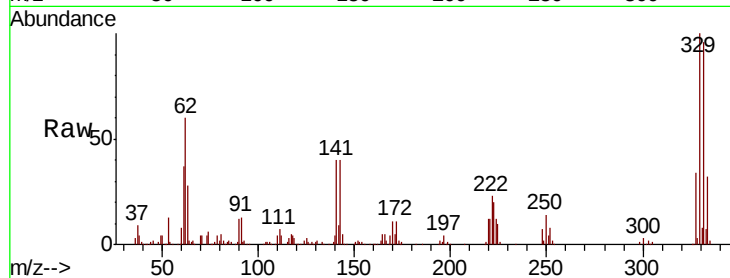
Tot Ion:330 Resp: 259429

Ion Ratio Lower Upper

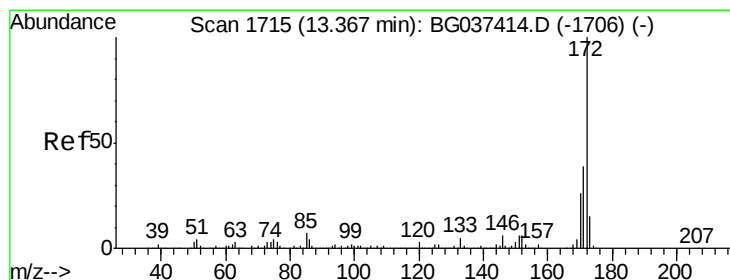
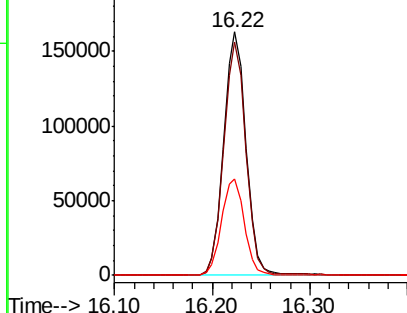
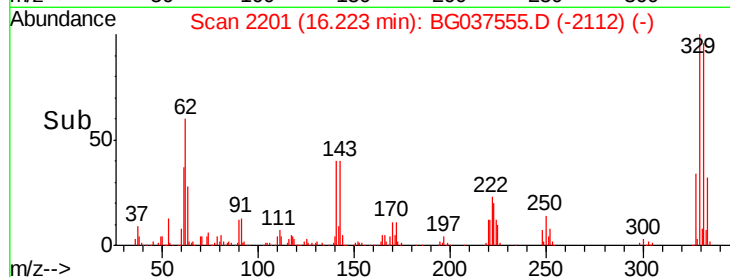
330 100

332 95.3 78.4 117.6

141 40.3 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: 73.037 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

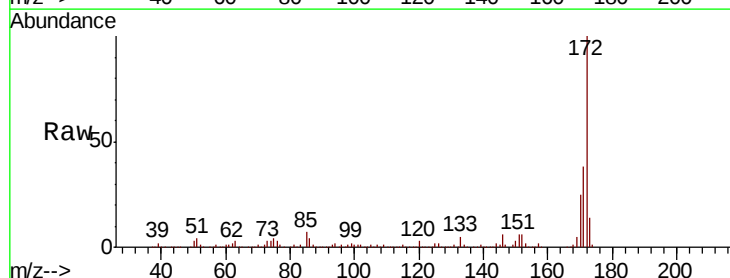
Tgt Ion:172 Resp: 983069

Ion Ratio Lower Upper

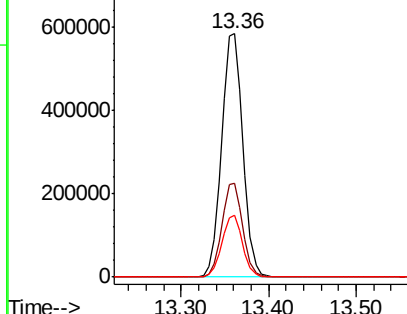
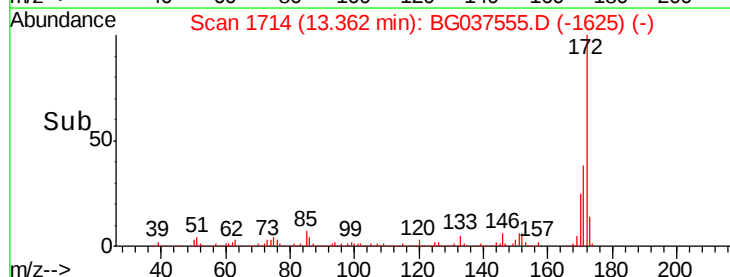
172 100

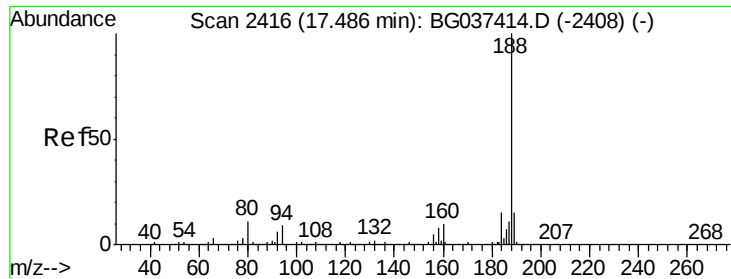
171 38.3 31.0 46.4

170 25.4 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampleId :

RAV-GT111

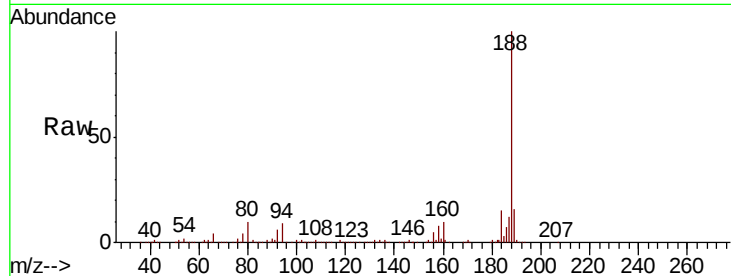
Tot Ion:188 Resp: 463242

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

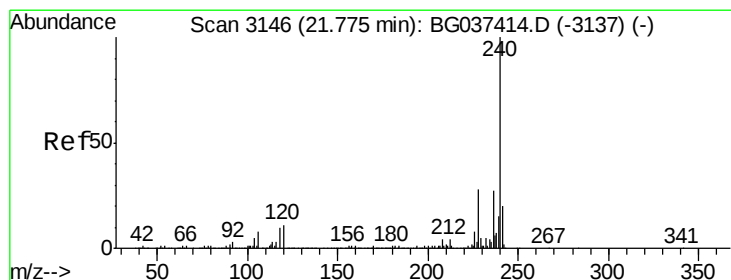
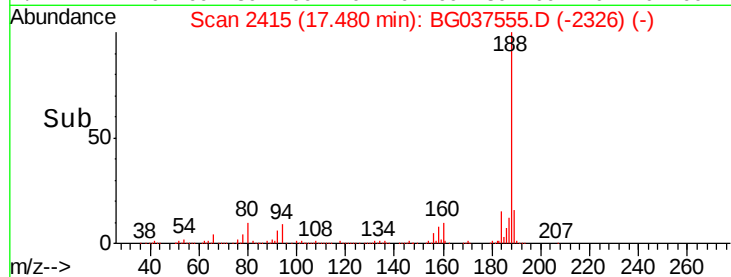
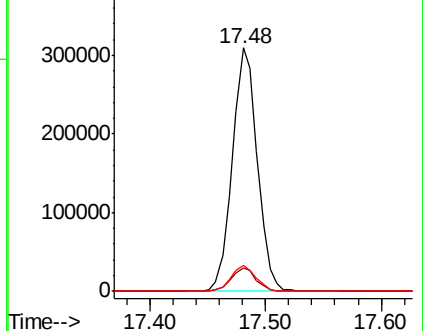
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

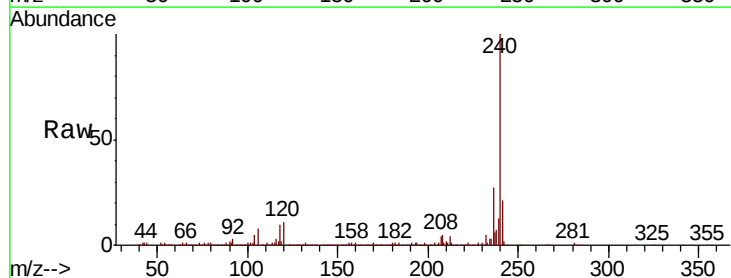
Tgt Ion:240 Resp: 403993

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

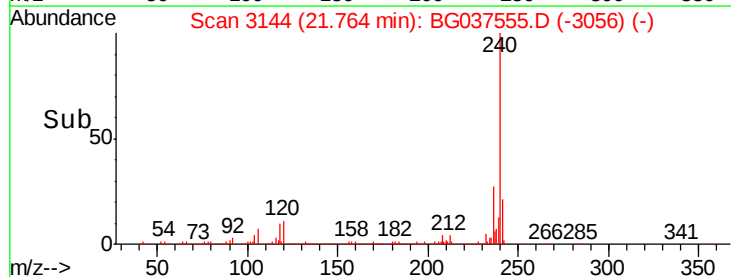
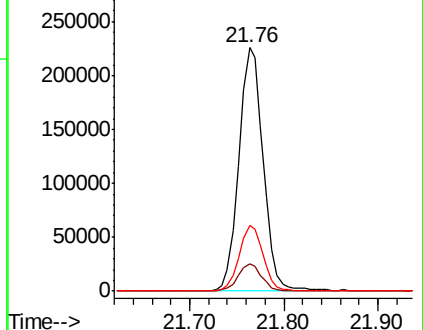
236 27.2 21.4 32.0

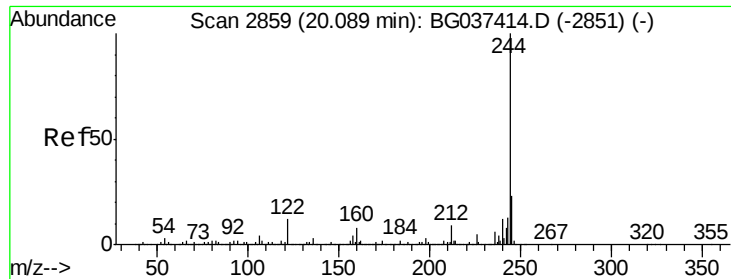


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.063 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampled :

RAV-GT111

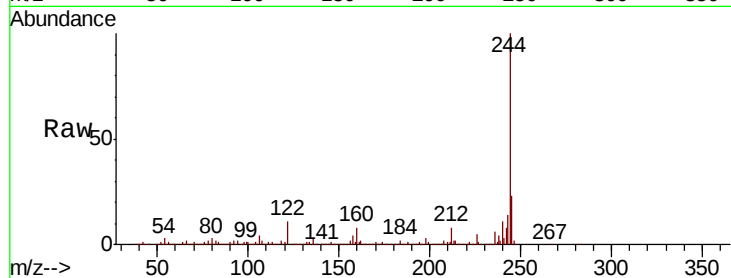
Tot Ion:244 Resp: 1400294

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

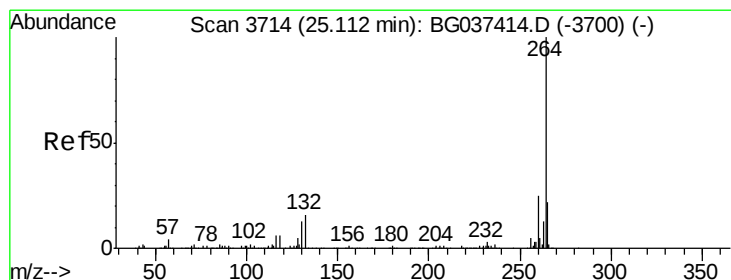
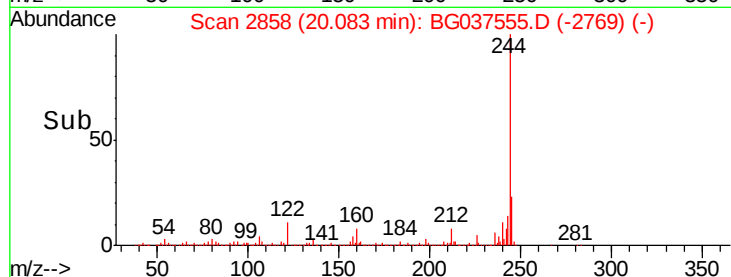
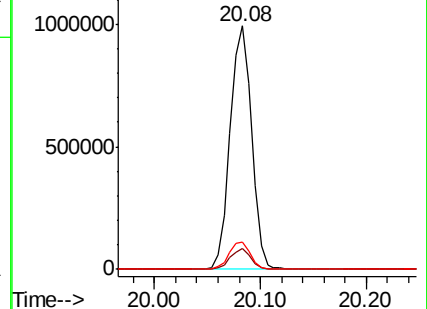
122 11.3 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

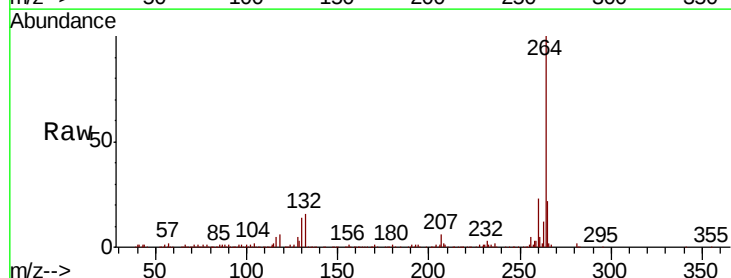
Tgt Ion:264 Resp: 410553

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 22.5 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

