

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037528.D
 Acq On : 25 Oct 2018 2:00
 Operator : JU/SJ
 Sample : J5647-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-MTB

Quant Time: Oct 25 08:26:46 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	8.11	152	61810	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262118	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175277	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	417941	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373429	20.00	ng	0.00
87) Perylene-d12	25.10	264	354137	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	437200	118.26	ng	0.00
7) Phenol-d6	7.25	99	571117	102.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	411032	87.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	233198	121.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	961529	82.72	ng	0.00
79) Terphenyl-d14	20.08	244	1463466	83.74	ng	0.00

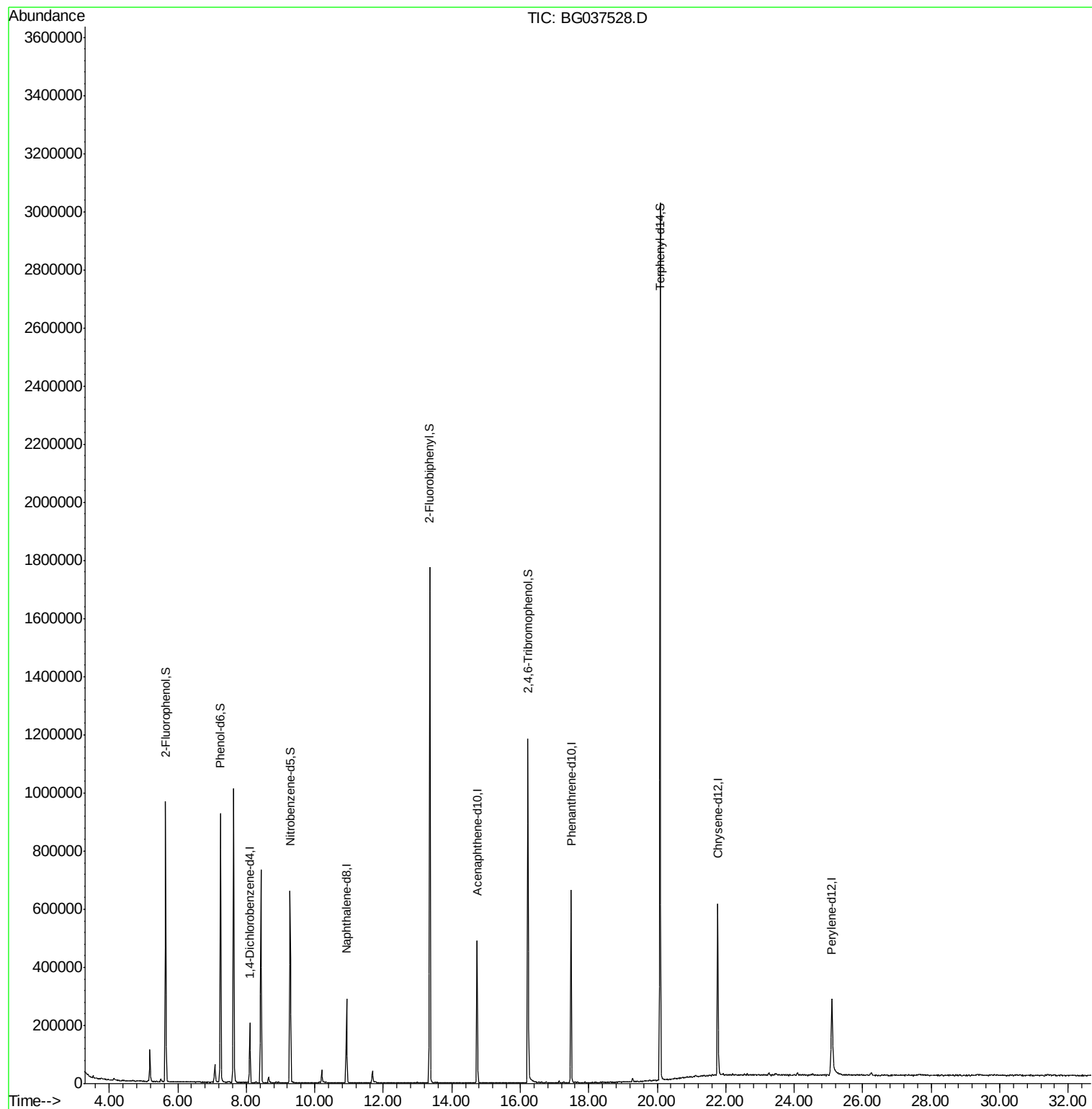
Target Compounds	Qvalue
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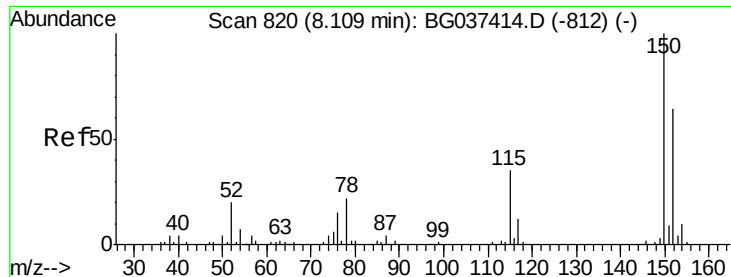
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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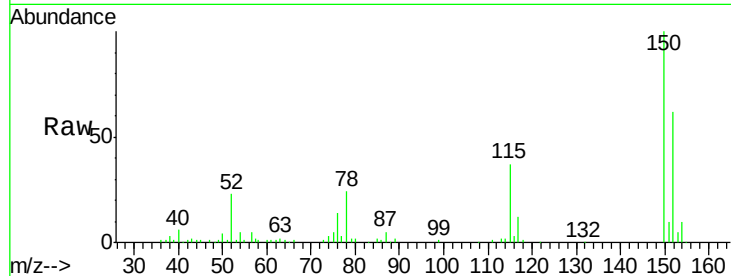




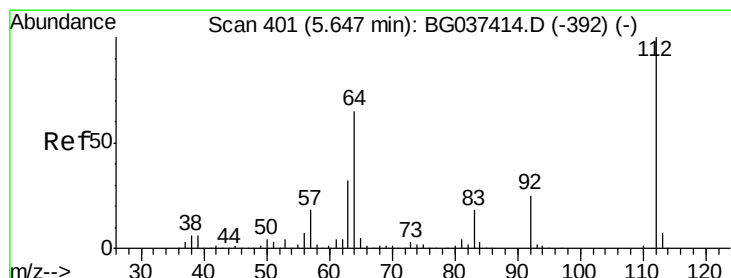
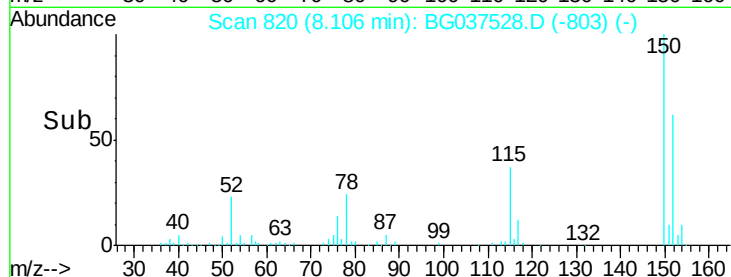
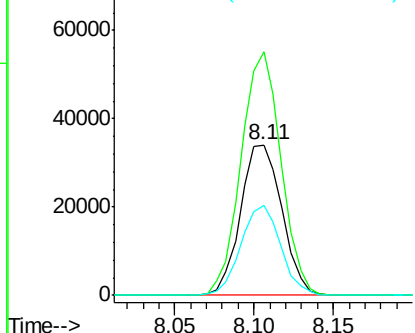
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037528.D
 Acq: 25 Oct 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 NB-MTB

Tgt Ion:152 Resp: 61810
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.0 189.0
 115 60.0 45.5 68.3

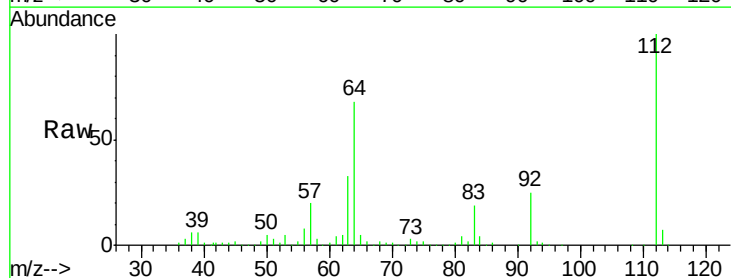


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

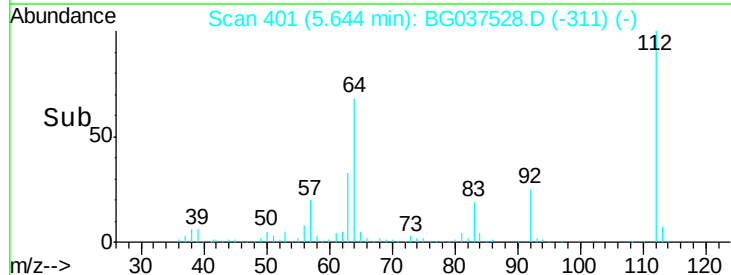
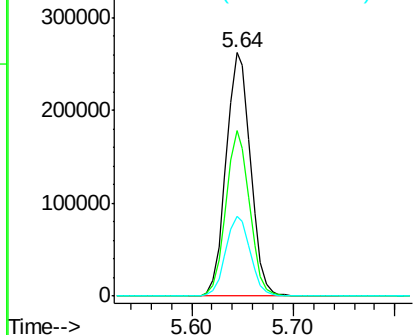


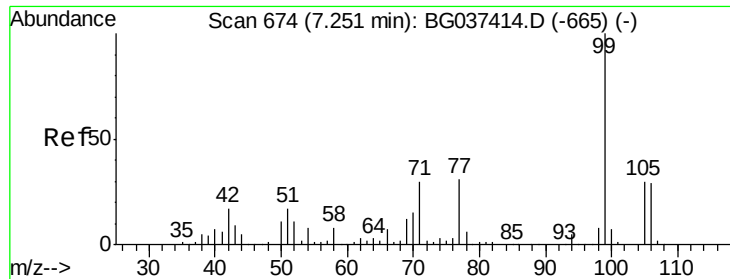
#5
 2-Fluorophenol
 Concen: 118.255 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037528.D
 Acq: 25 Oct 2018 2:00

Tgt Ion:112 Resp: 437200
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.1 79.7
 63 33.0 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: 102.159 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037528.D

Acq: 25 Oct 2018 2:00

Instrument :

BNA_G

ClientSampleId :

NB-MTB

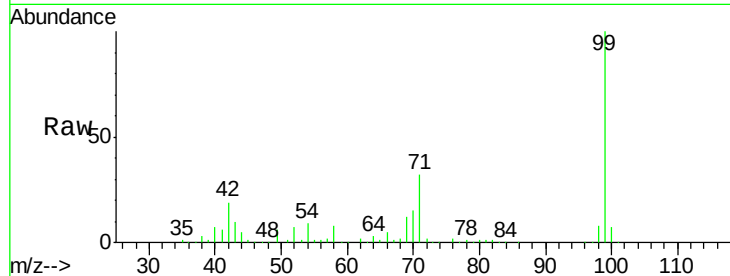
Tgt Ion: 99 Resp: 571117

Ion Ratio Lower Upper

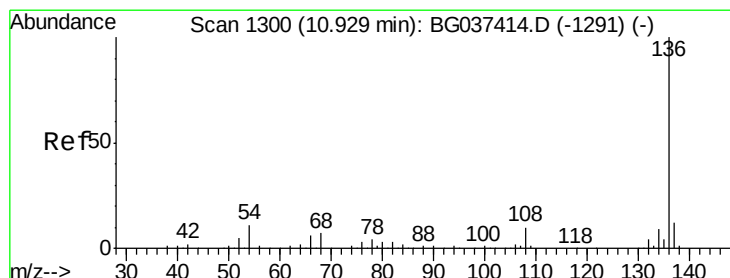
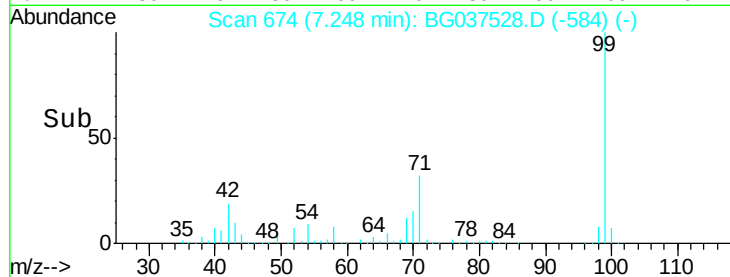
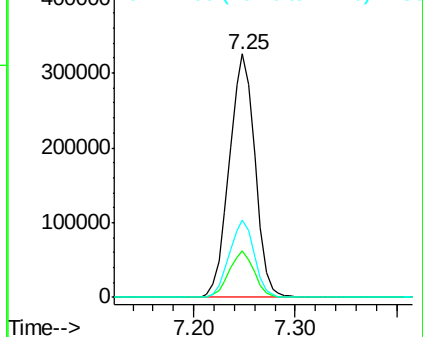
99 100

42 18.8 15.0 22.4

71 31.6 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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037528.D

Acq: 25 Oct 2018 2:00

Tgt Ion: 136 Resp: 262118

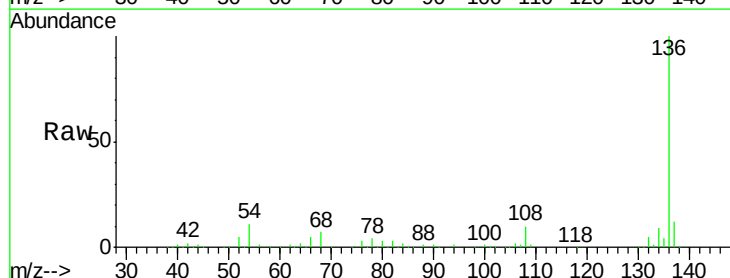
Ion Ratio Lower Upper

136 100

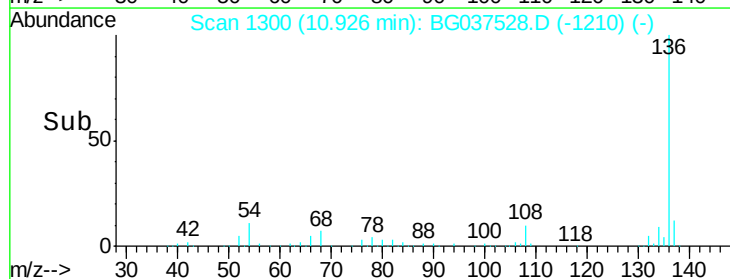
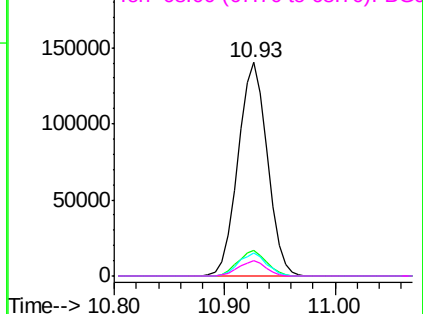
137 12.2 9.6 14.4

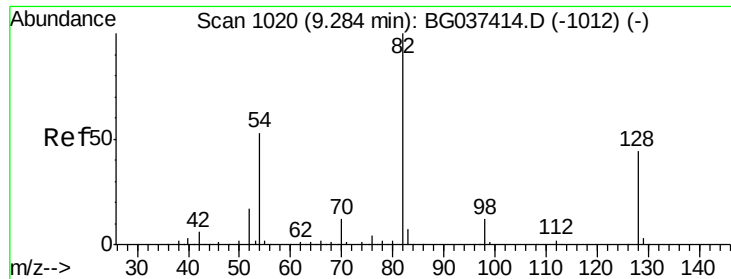
54 10.9 7.9 11.9

68 7.0 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

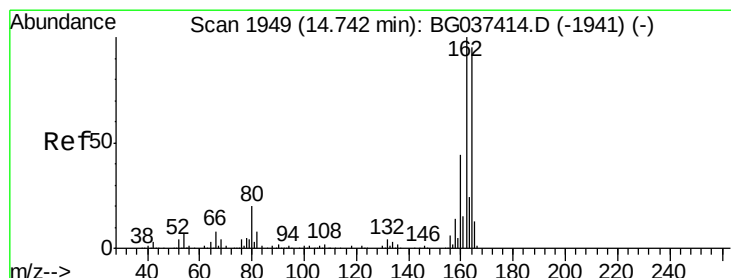
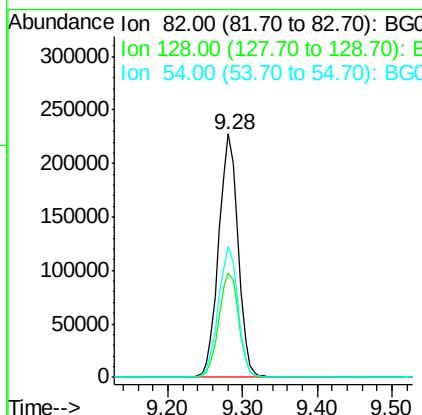
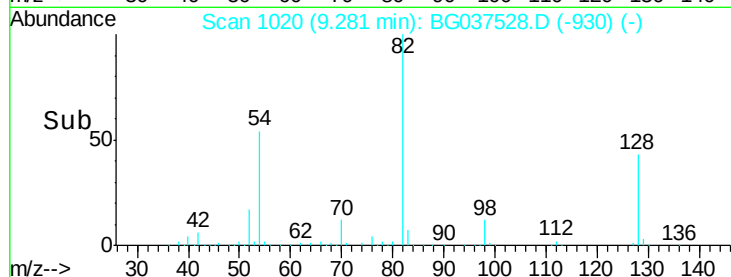
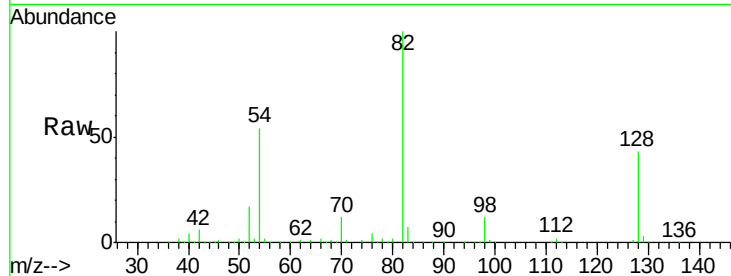




#23
 Nitrobenzene-d5
 Concen: 87.844 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037528.D
 Acq: 25 Oct 2018 2:00

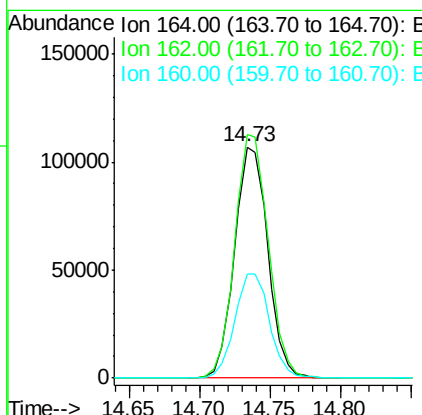
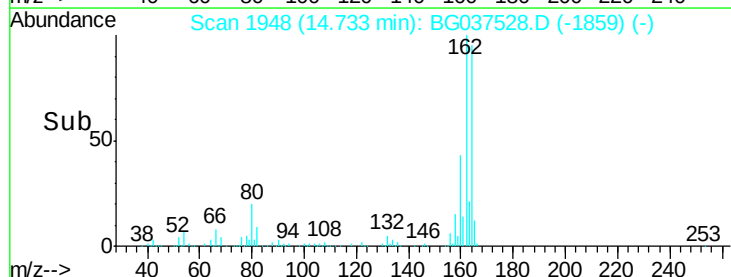
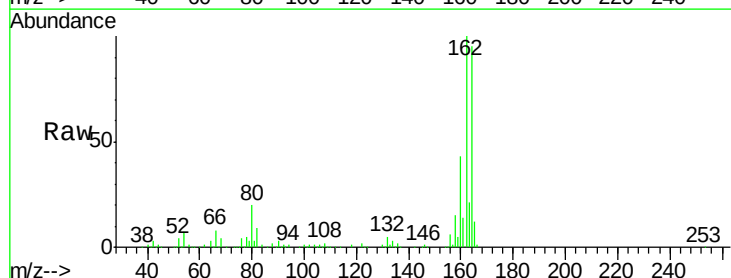
Instrument :
 BNA_G
 ClientSampleId :
 NB-MTB

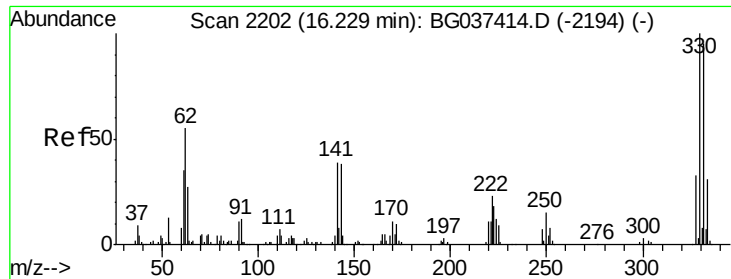
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	53.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037528.D
 Acq: 25 Oct 2018 2:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.3	121.9
160	45.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 121.983 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037528.D

Acq: 25 Oct 2018 2:00

Instrument :

BNA_G

ClientSampled :

NB-MTB

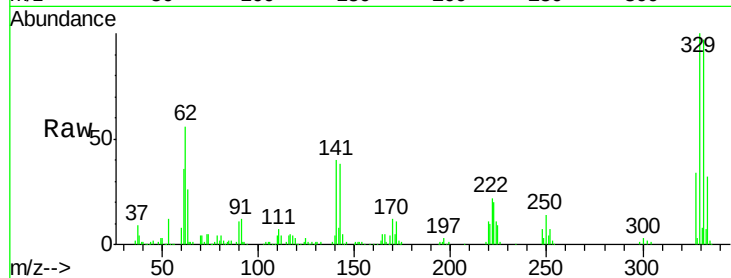
Tgt Ion:330 Resp: 233198

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

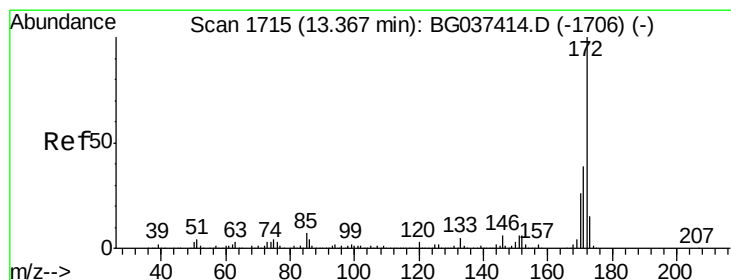
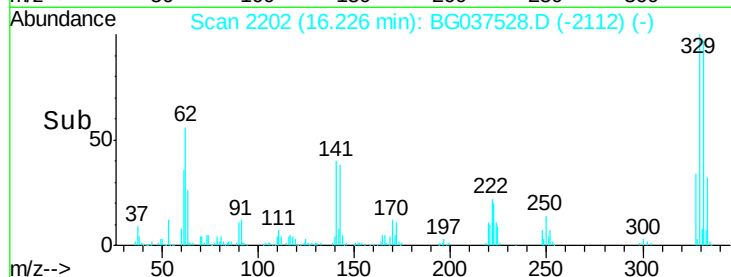
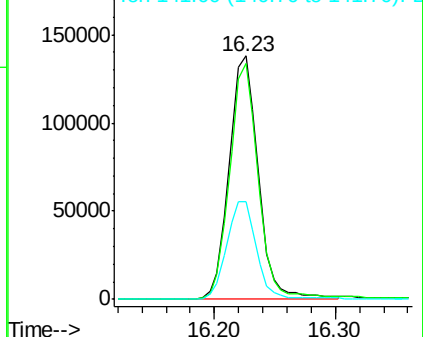
141 41.2 32.2 48.2



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: 82.722 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037528.D

Acq: 25 Oct 2018 2:00

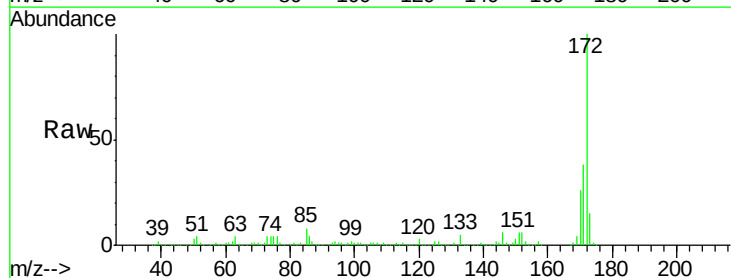
Tgt Ion:172 Resp: 961529

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

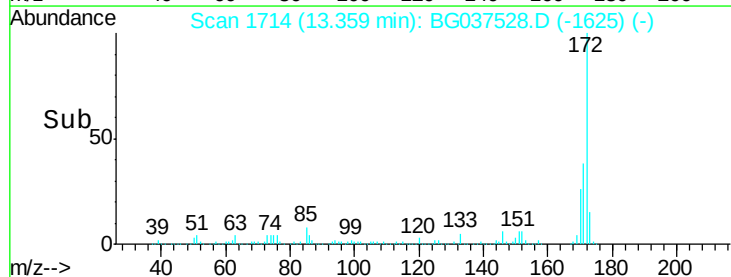
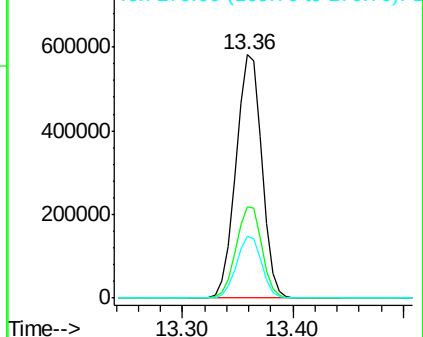
170 25.6 20.2 30.2

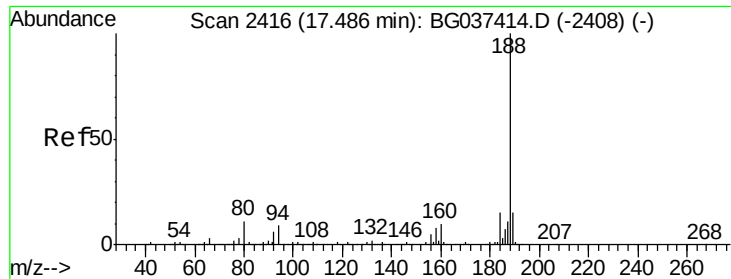


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

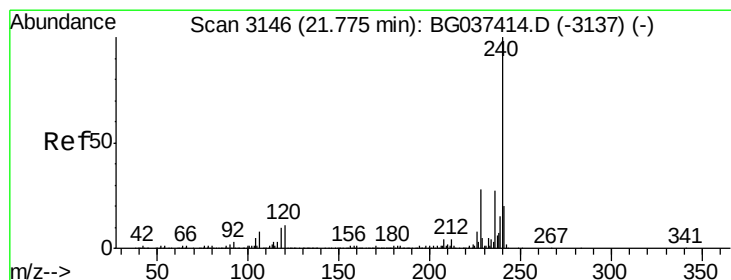
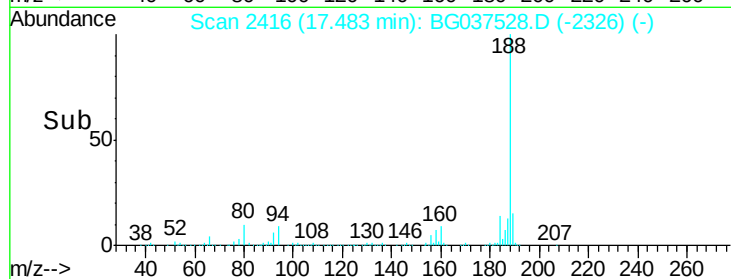
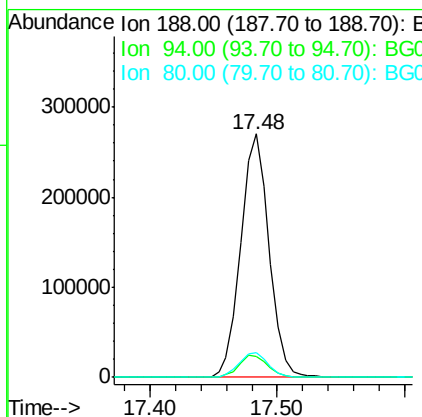
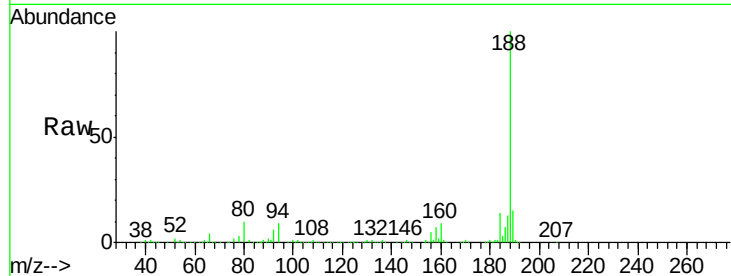




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037528.D
Acq: 25 Oct 2018 2:00

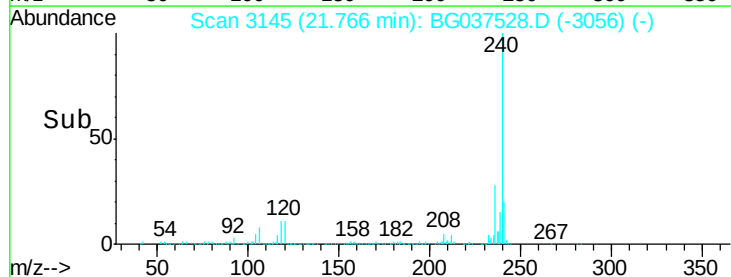
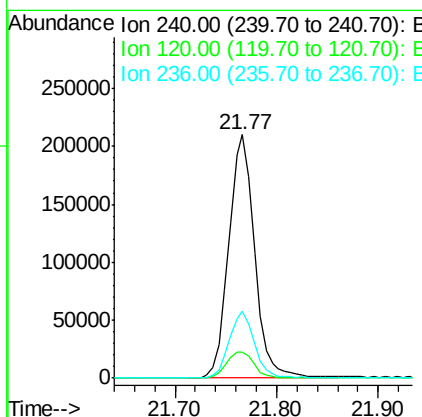
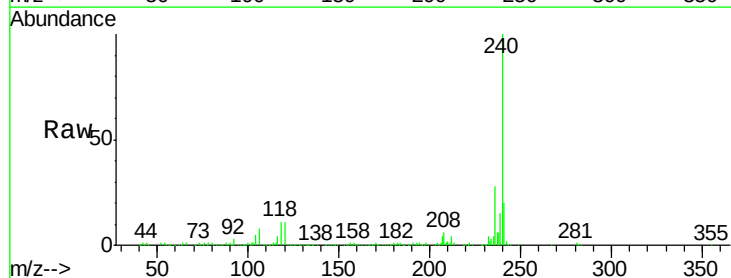
Instrument :
BNA_G
ClientSampleId :
NB-MTB

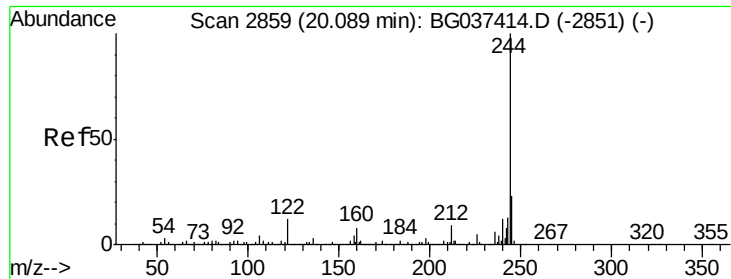
Tgt Ion:188 Resp: 417941
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037528.D
Acq: 25 Oct 2018 2:00

Tgt Ion:240 Resp: 373429
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 83.740 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037528.D

Acq: 25 Oct 2018 2:00

Instrument :

BNA_G

ClientSampleId :

NB-MTB

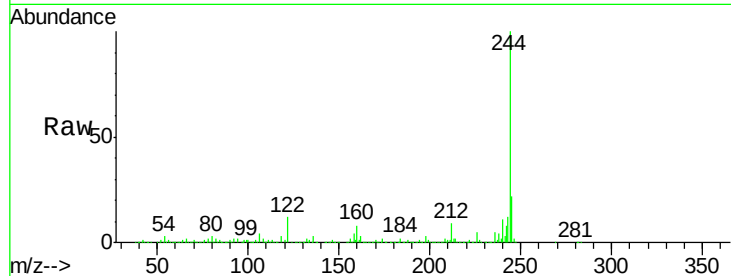
Tgt Ion:244 Resp: 1463466

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

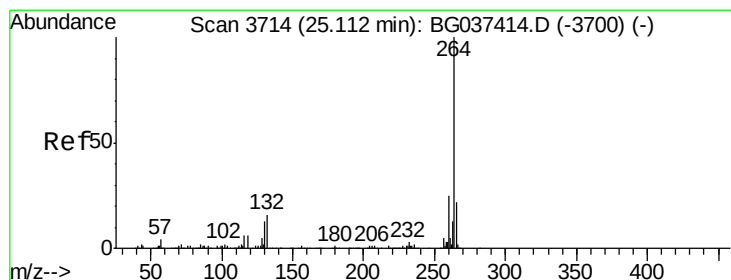
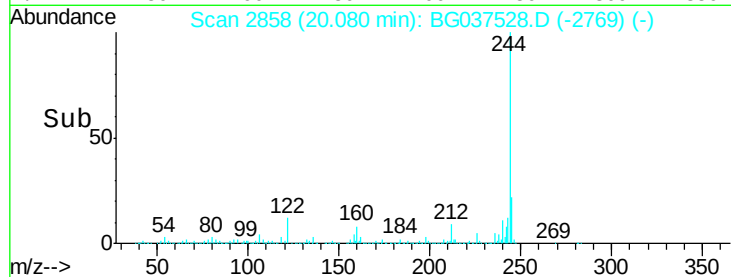
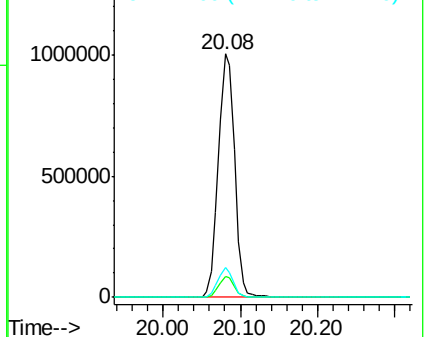
122 12.3 9.0 13.4



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: BG037528.D

Acq: 25 Oct 2018 2:00

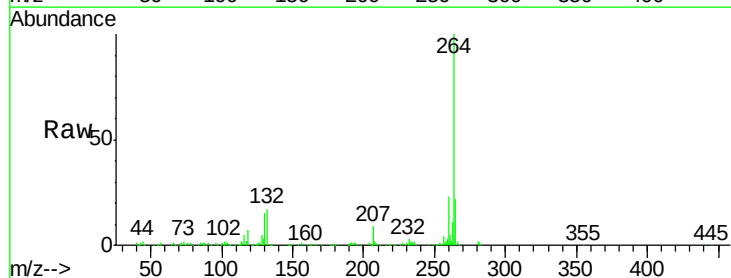
Tgt Ion:264 Resp: 354137

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 22.1 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

