

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037524.D
 Acq On : 24 Oct 2018 23:23
 Operator : JU/SJ
 Sample : J5199-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102318

Quant Time: Oct 25 08:21:52 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	53935	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	234925	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	158068	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	380253	20.00	ng	0.00
76) Chrysene-d12	21.77	240	351365	20.00	ng	0.00
87) Perylene-d12	25.10	264	332418	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	383132	118.76	ng	0.00
7) Phenol-d6	7.24	99	506213	103.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	365957	87.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	197093	114.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	869762	82.97	ng	0.00
79) Terphenyl-d14	20.08	244	1363503	82.92	ng	0.00

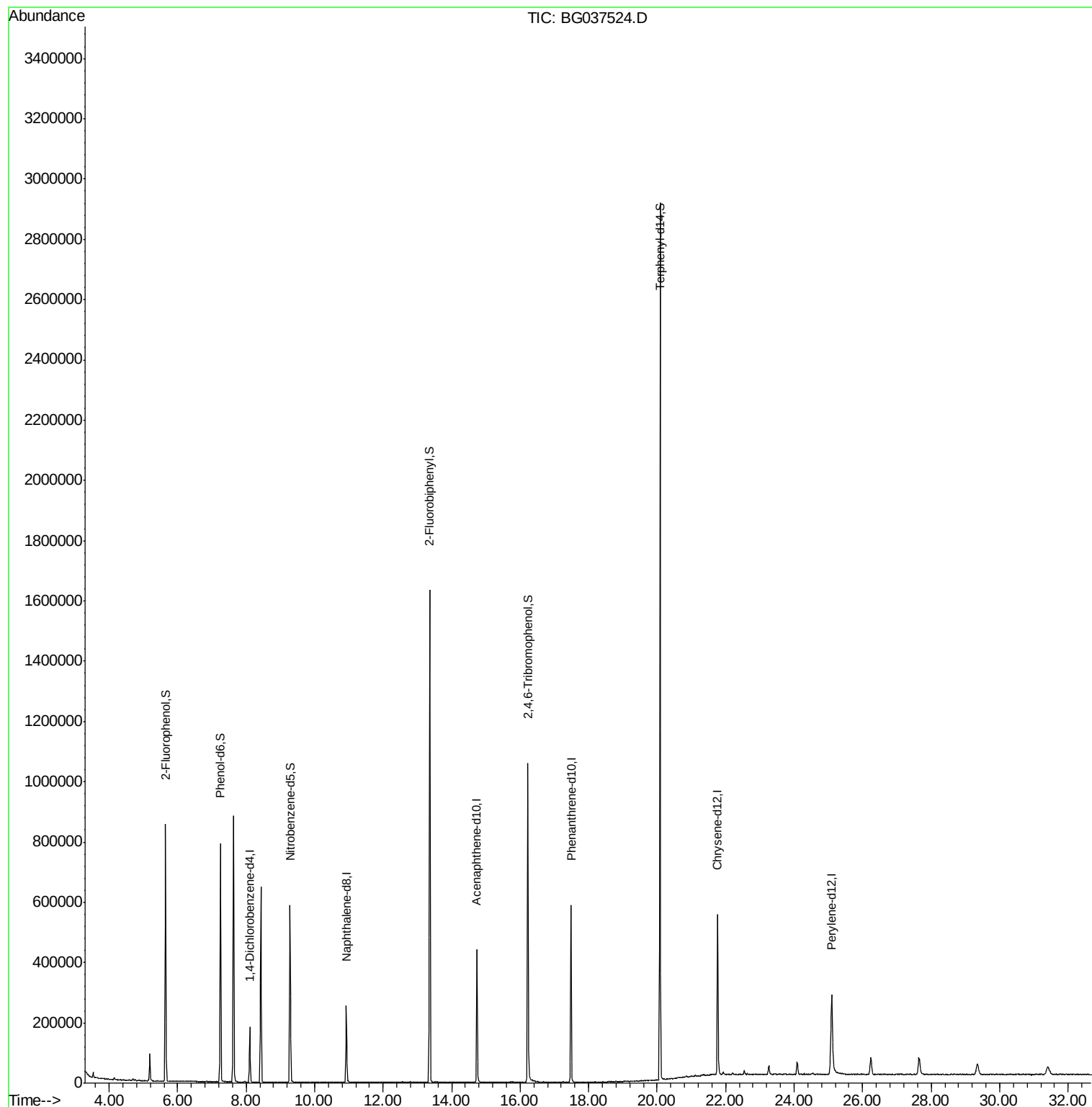
Target Compounds	Qvalue
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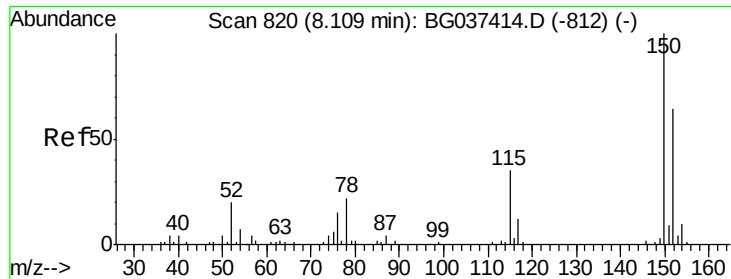
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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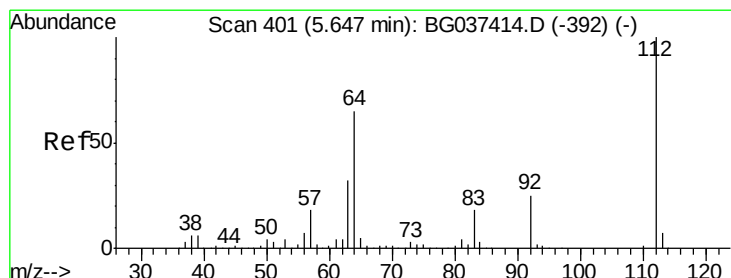
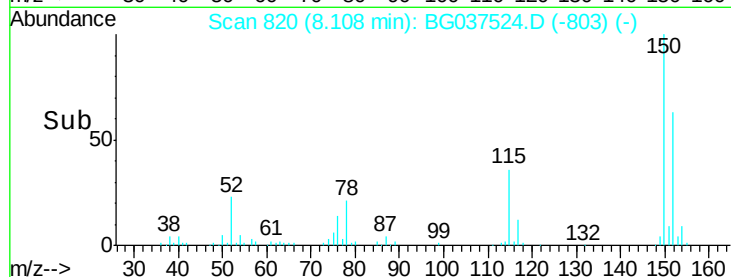
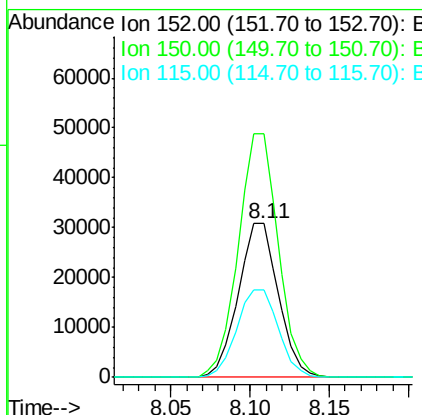
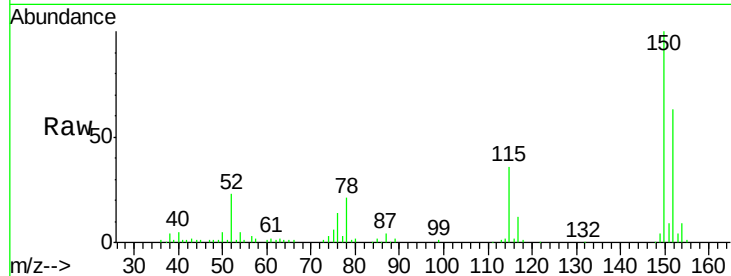




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037524.D
 Acq: 24 Oct 2018 23:23

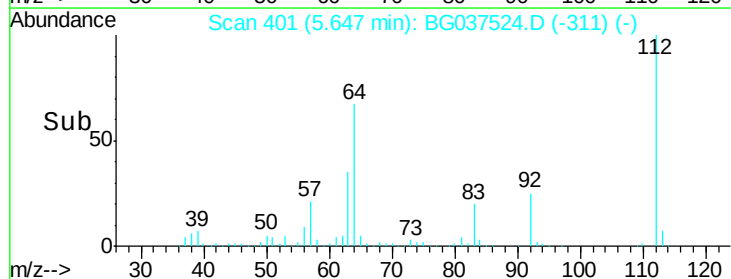
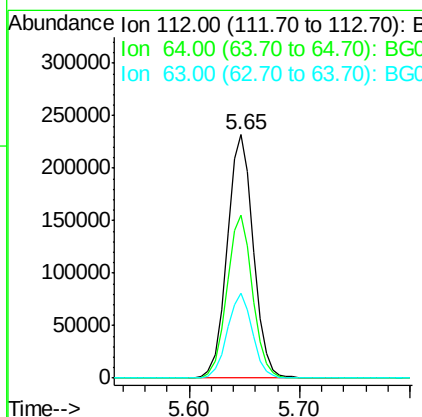
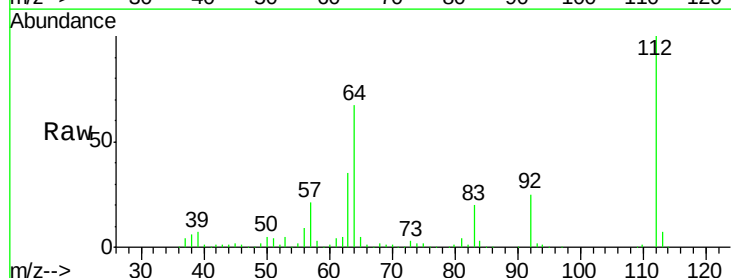
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102318

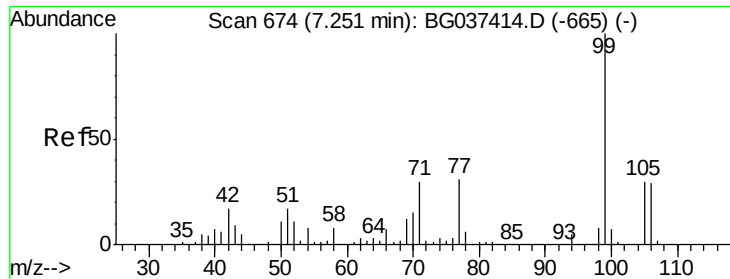
Tgt Ion:152 Resp: 53935
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.0 189.0
 115 56.6 45.5 68.3



#5
 2-Fluorophenol
 Concen: 118.762 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037524.D
 Acq: 24 Oct 2018 23:23

Tgt Ion:112 Resp: 383132
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 34.8 27.3 40.9





#7

Phenol-d6

Concen: 103.770 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037524.D

Acq: 24 Oct 2018 23:23

Instrument :

BNA_G

ClientSampleId :

OK-03-102318

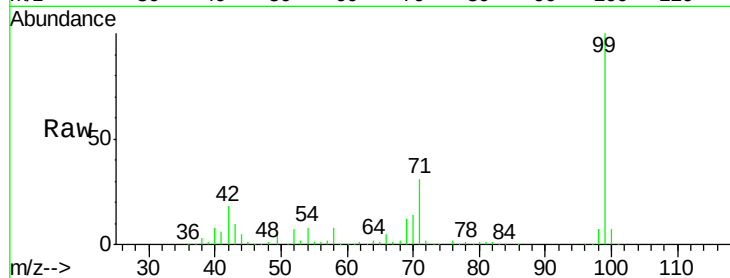
Tgt Ion: 99 Resp: 506213

Ion Ratio Lower Upper

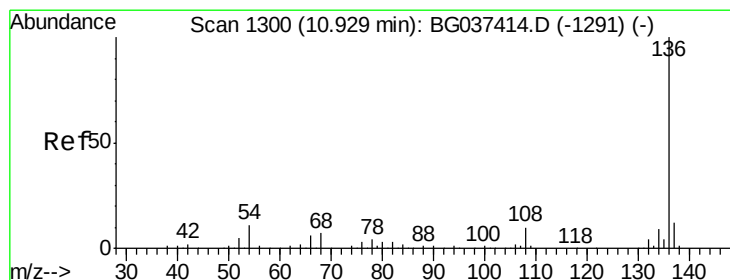
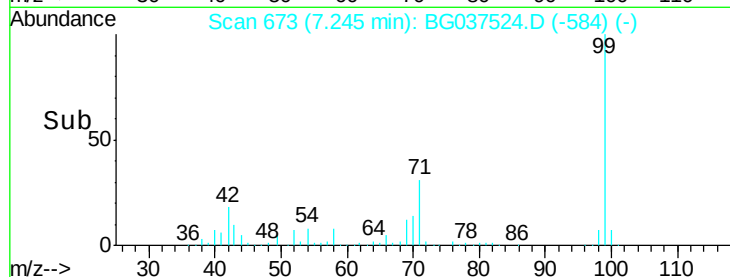
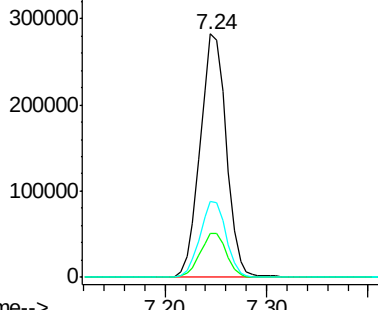
99 100

42 18.1 15.0 22.4

71 31.2 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037524.D

Acq: 24 Oct 2018 23:23

Tgt Ion: 136 Resp: 234925

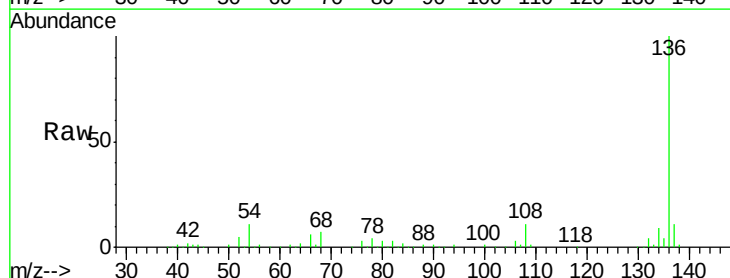
Ion Ratio Lower Upper

136 100

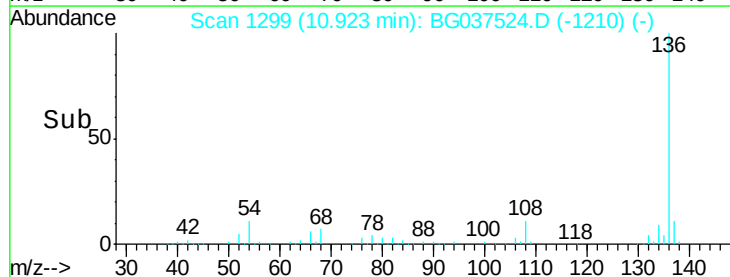
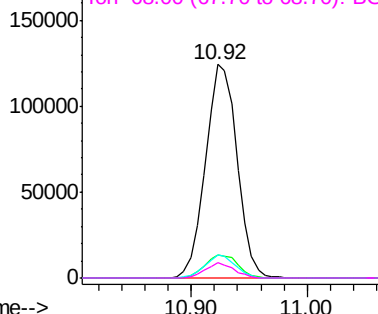
137 10.8 9.6 14.4

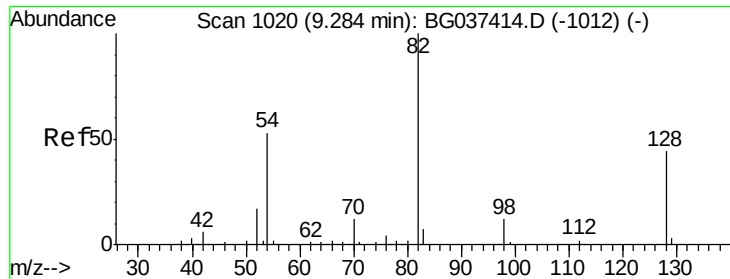
54 11.0 7.9 11.9

68 7.3 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

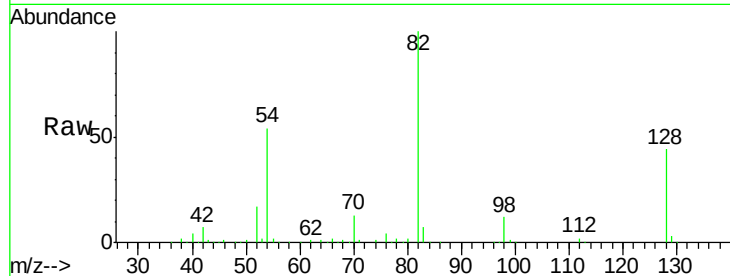




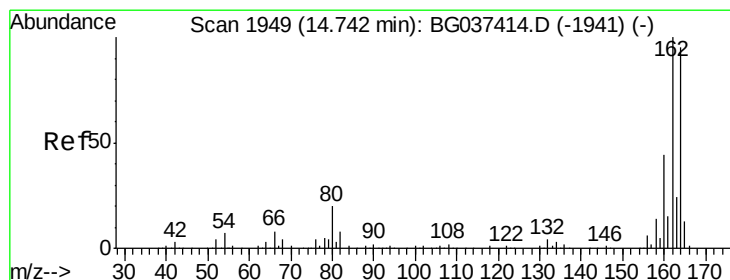
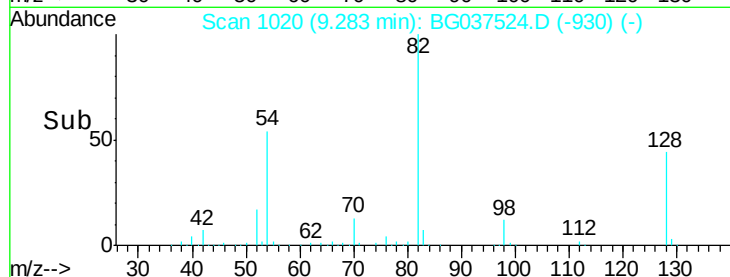
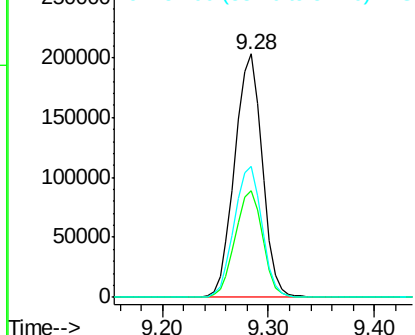
#23
 Nitrobenzene-d5
 Concen: 87.264 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037524.D
 Acq: 24 Oct 2018 23:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102318

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	54.0	45.3	67.9

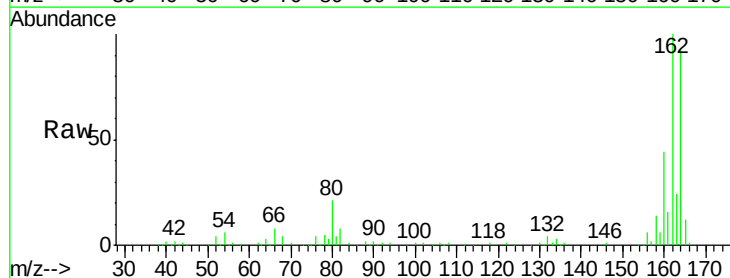


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

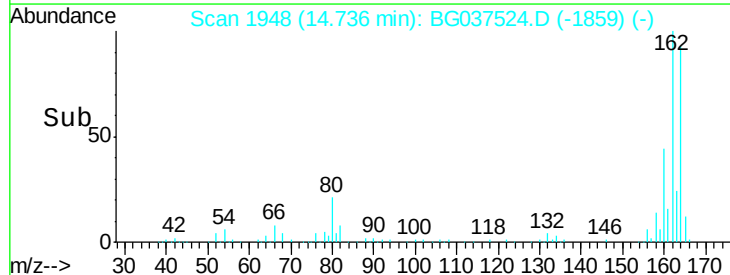
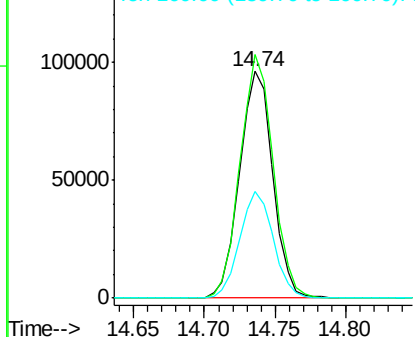


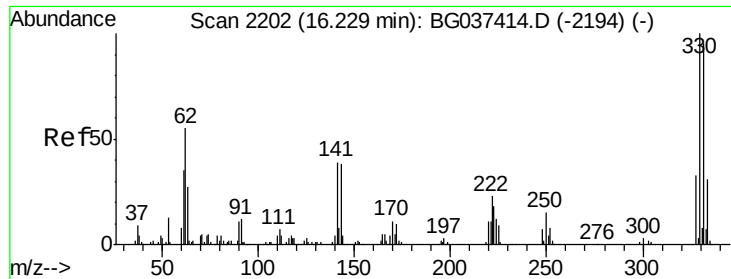
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037524.D
 Acq: 24 Oct 2018 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	81.3	121.9
160	47.0	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 114.321 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037524.D

Acq: 24 Oct 2018 23:23

Instrument :

BNA_G

ClientSampleId :

OK-03-102318

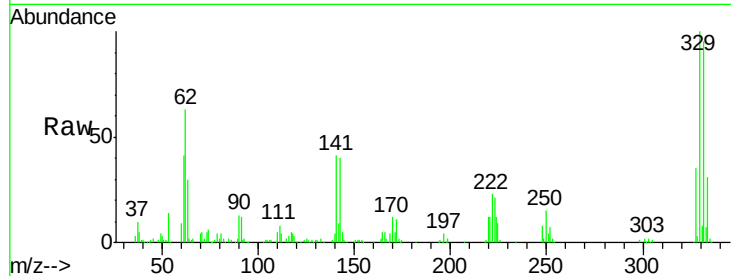
Tgt Ion:330 Resp: 197093

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

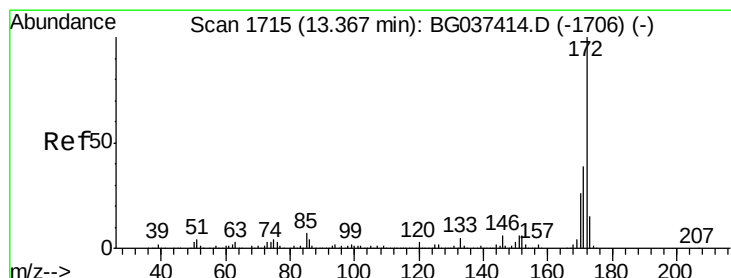
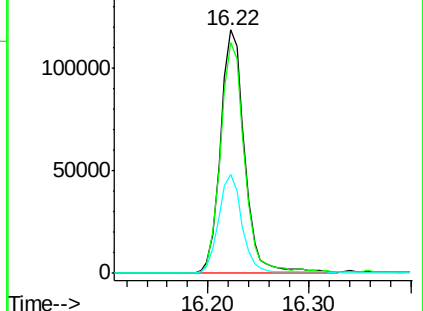
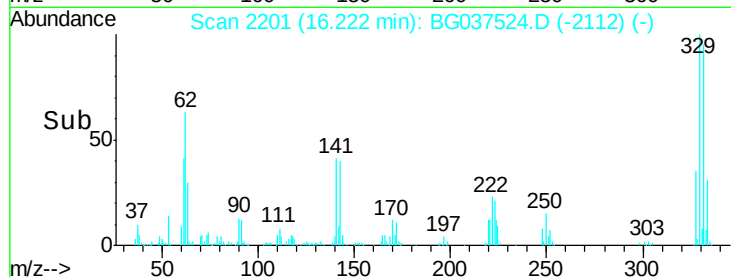
141 40.4 32.2 48.2



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: 82.974 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037524.D

Acq: 24 Oct 2018 23:23

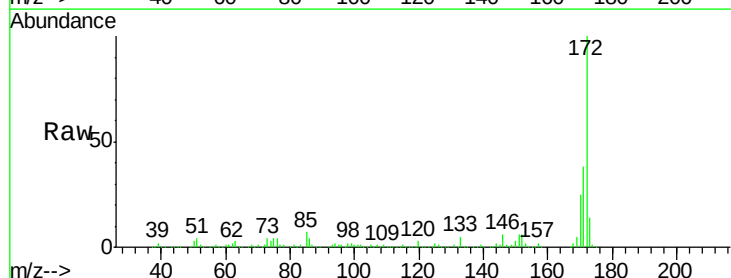
Tgt Ion:172 Resp: 869762

Ion Ratio Lower Upper

172 100

171 37.7 31.0 46.4

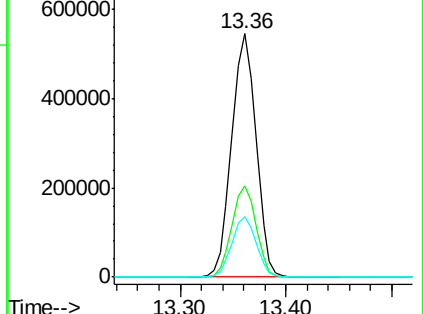
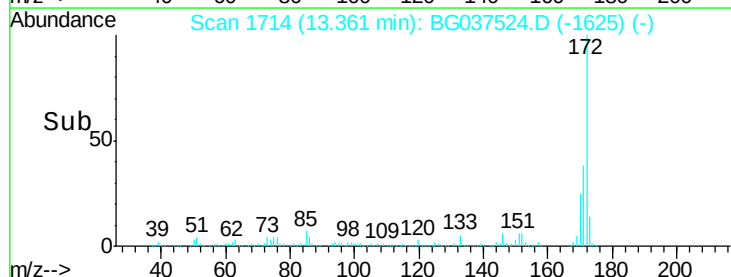
170 24.9 20.2 30.2

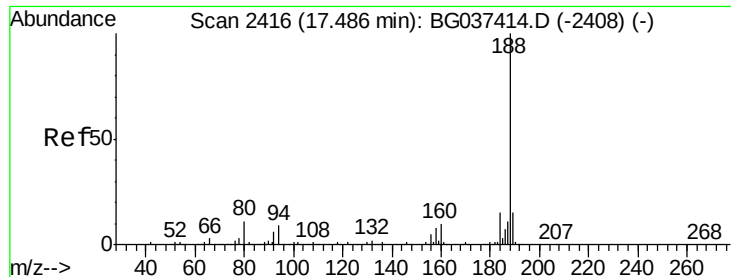


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

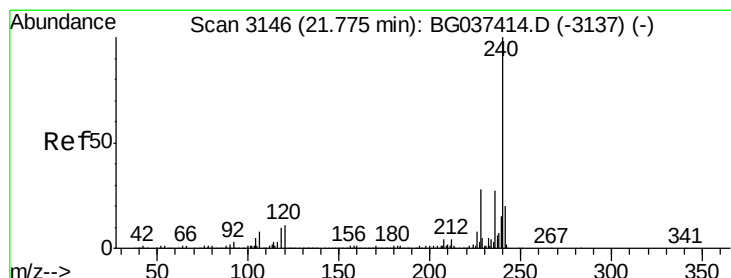
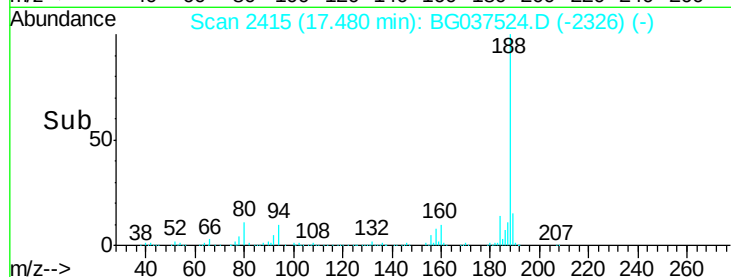
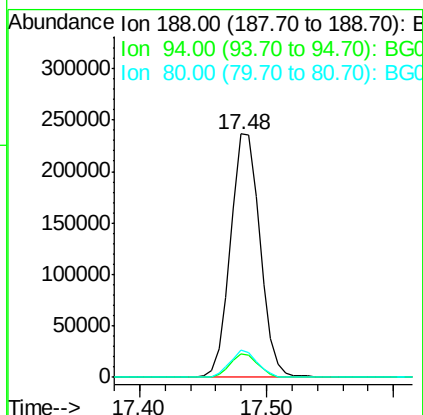
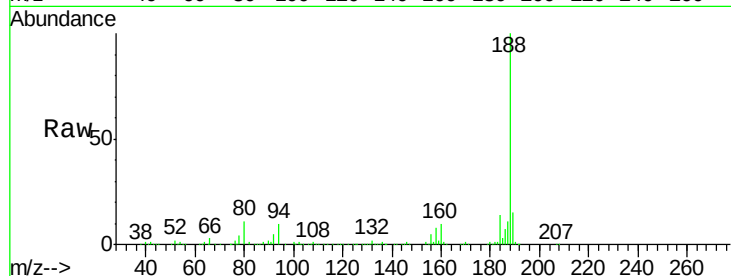




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037524.D
Acq: 24 Oct 2018 23:23

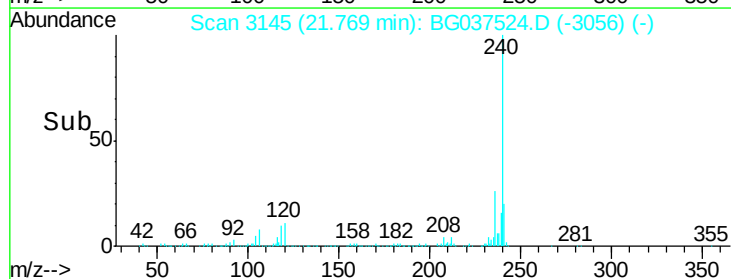
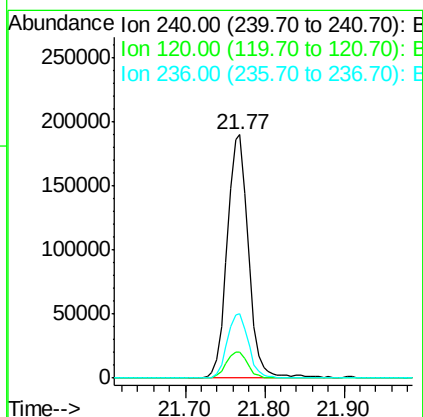
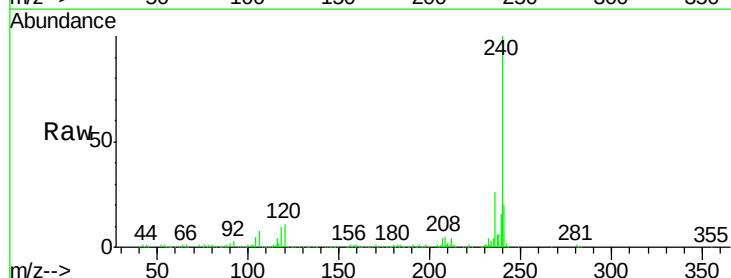
Instrument :
BNA_G
ClientSampleId :
OK-03-102318

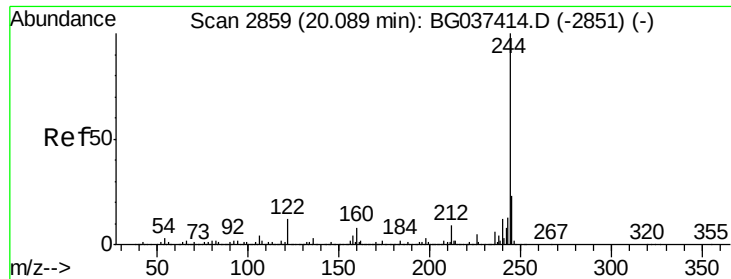
Tgt Ion:188 Resp: 380253
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 11.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037524.D
Acq: 24 Oct 2018 23:23

Tgt Ion:240 Resp: 351365
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 82.919 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037524.D

Acq: 24 Oct 2018 23:23

Instrument :

BNA_G

ClientSampleId :

OK-03-102318

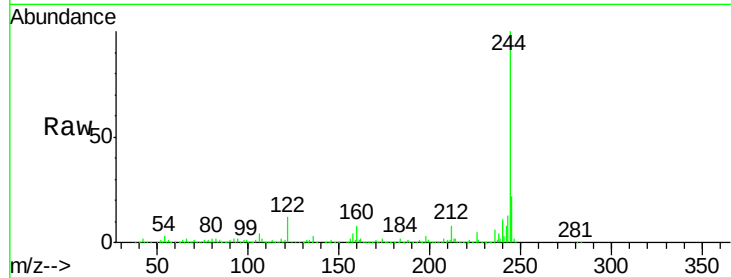
Tgt Ion:244 Resp: 1363503

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

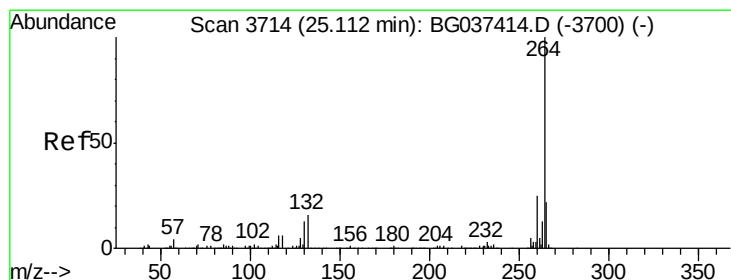
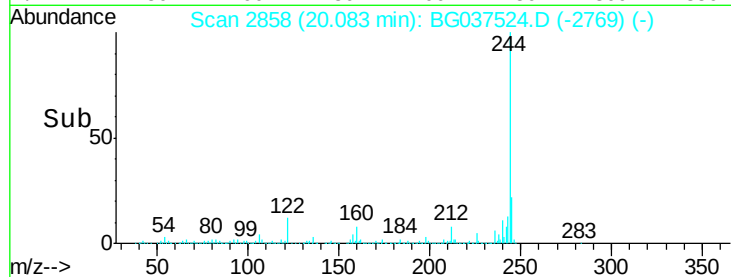
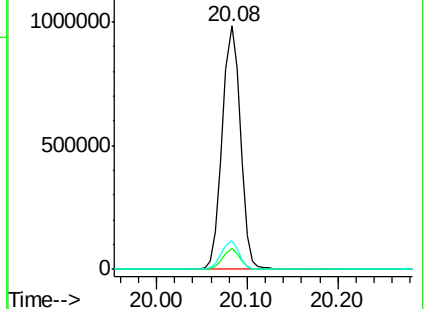
122 11.6 9.0 13.4



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: BG037524.D

Acq: 24 Oct 2018 23:23

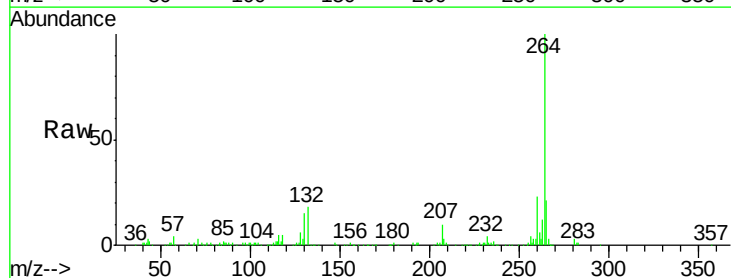
Tgt Ion:264 Resp: 332418

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.3 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

