

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036474.D
 Acq On : 29 Aug 2018 1:30
 Operator : JU/SJ
 Sample : J4671-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Quant Time: Aug 29 05:46:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55910	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	228385	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	153715	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	404230	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	448813	20.00	ng	-0.02
86) Perylene-d12	24.91	264	452012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	490413	139.14	ng	0.00
7) Phenol-d6	7.22	99	633570	125.55	ng	0.00
23) Nitrobenzene-d5	9.22	82	468134	111.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	342051	186.49	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1079735	100.29	ng	-0.01
78) Terphenyl-d14	20.04	244	1887056	98.27	ng	-0.02

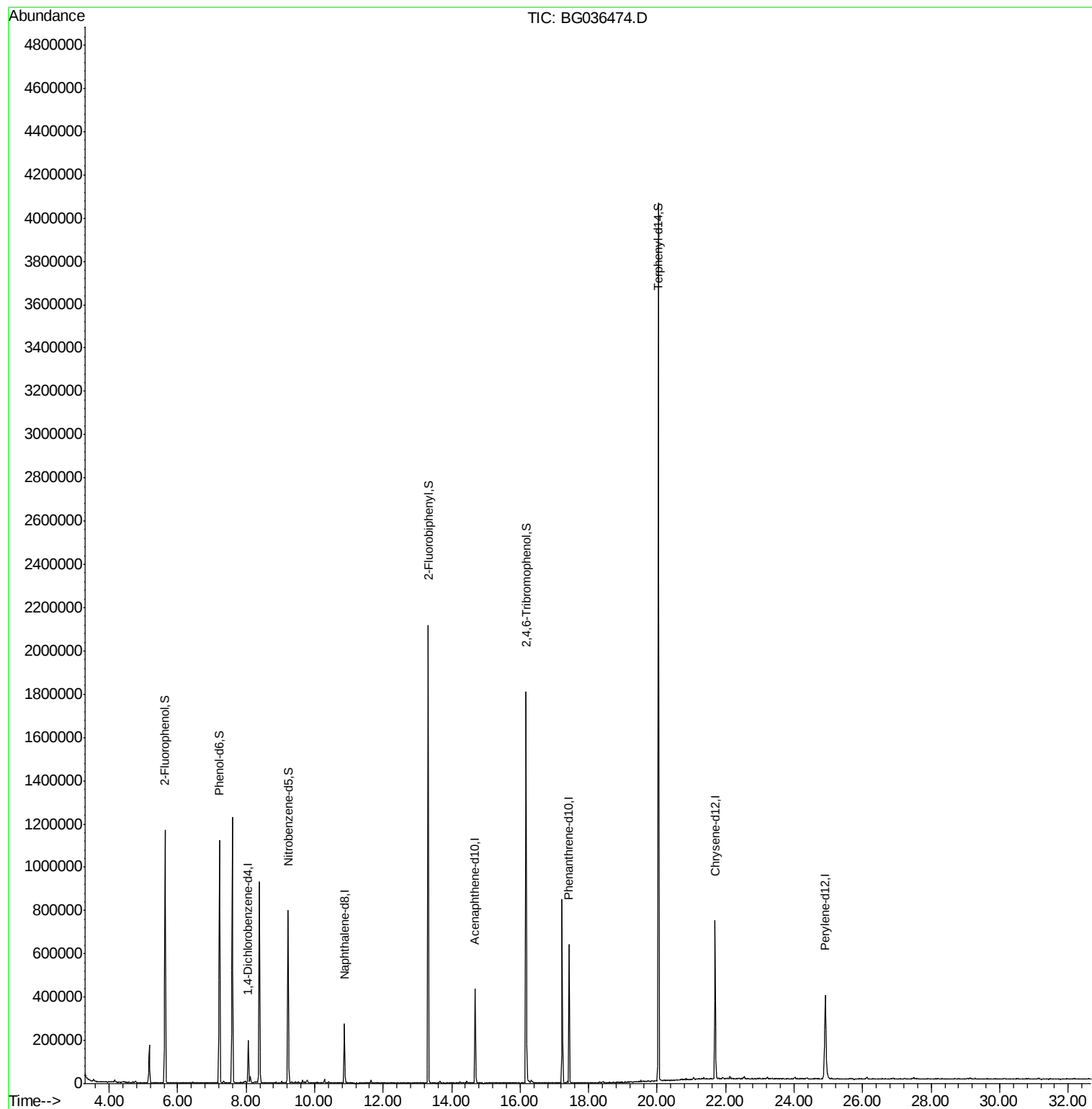
Target Compounds Qvalue

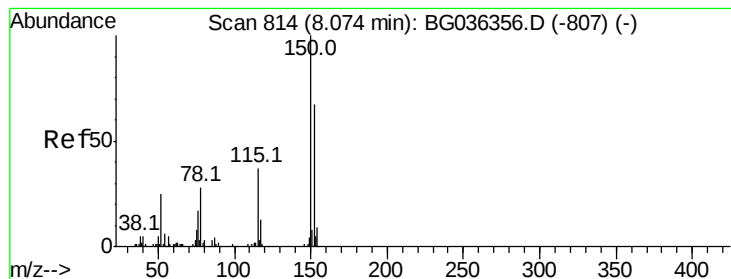
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

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BNA_G

ClientSampleId :

TL-SPEEDY-DRY

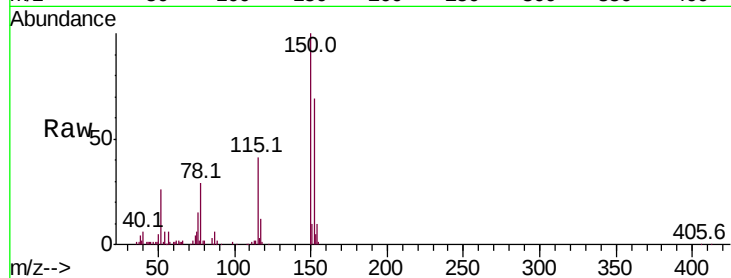
Tot Ion:152 Resp: 55910

Ion Ratio Lower Upper

152 100

150 144.5 119.5 179.3

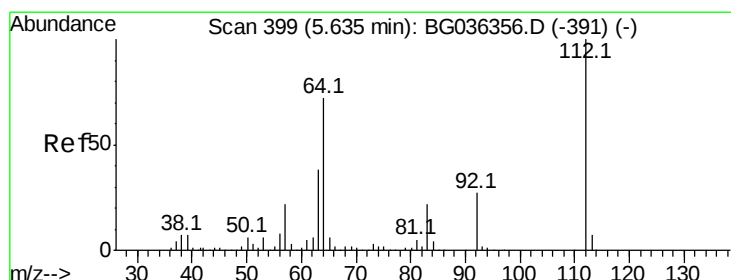
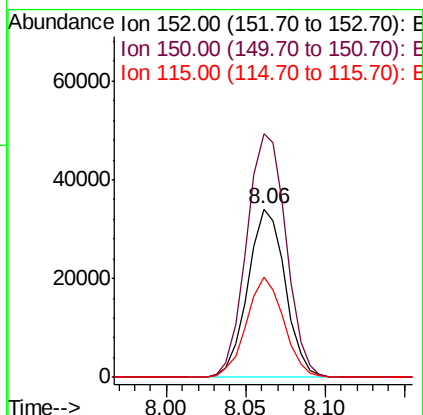
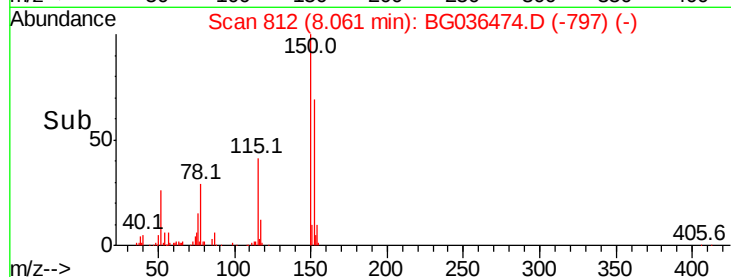
115 59.6 44.5 66.7



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: 139.141 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

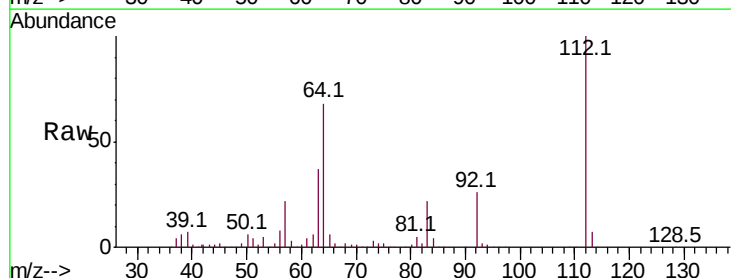
Tgt Ion:112 Resp: 490413

Ion Ratio Lower Upper

112 100

64 68.4 57.2 85.8

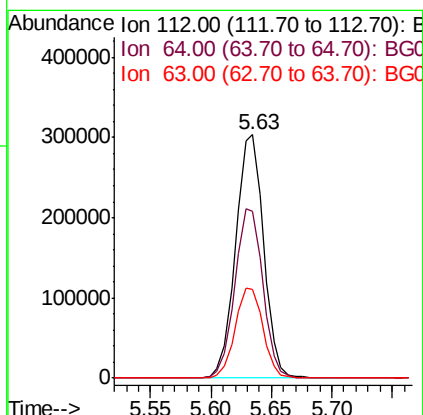
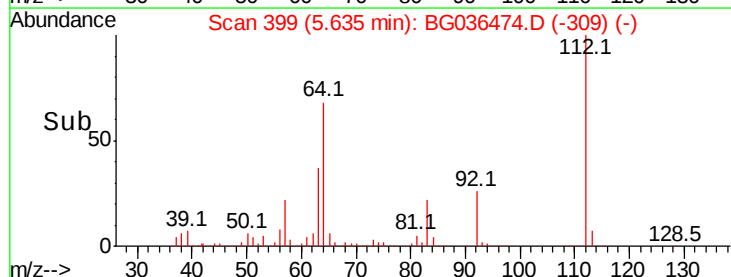
63 36.5 30.8 46.2

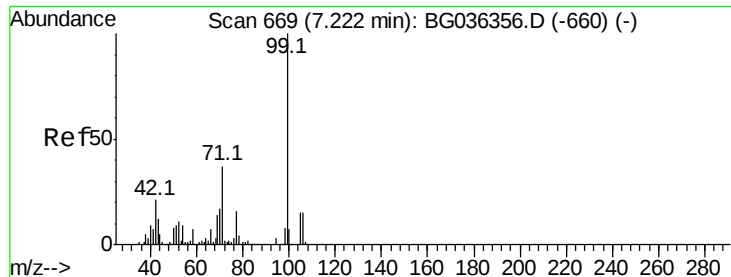


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 125.551 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Instrument :

BNA_G

ClientSampleId :

TL-SPEEDY-DRY

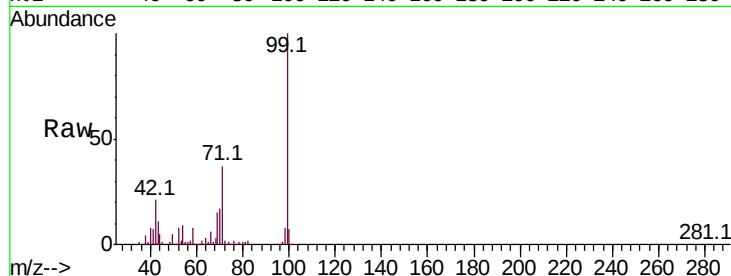
Tot Ion: 99 Resp: 633570

Ion Ratio Lower Upper

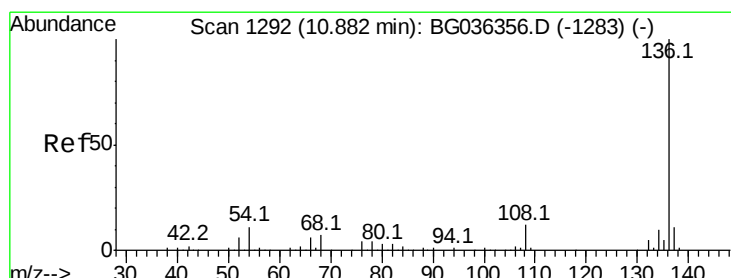
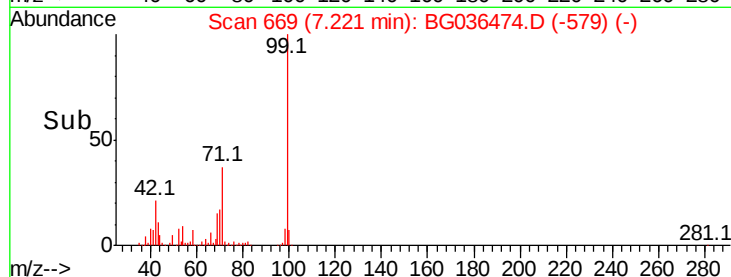
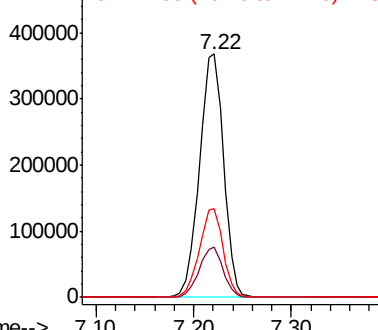
99 100

42 20.9 16.5 24.7

71 36.6 29.4 44.2



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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Tgt Ion: 136 Resp: 228385

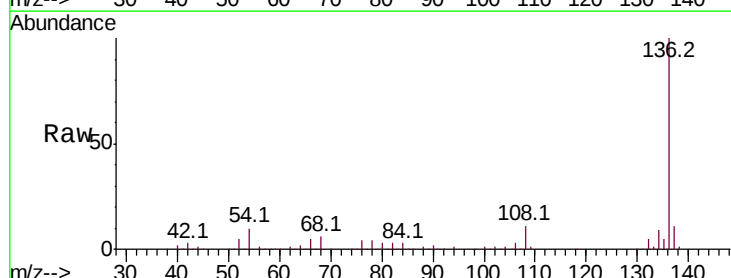
Ion Ratio Lower Upper

136 100

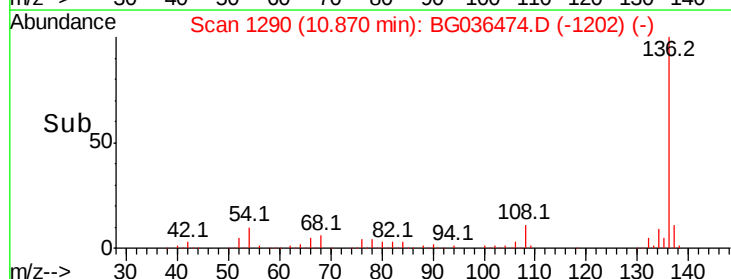
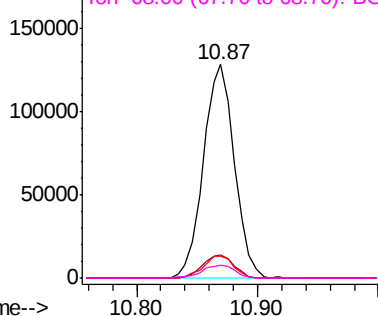
137 10.8 8.8 13.2

54 10.0 9.2 13.8

68 6.2 5.8 8.6



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

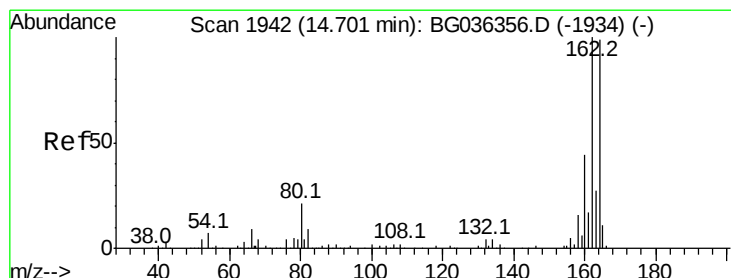
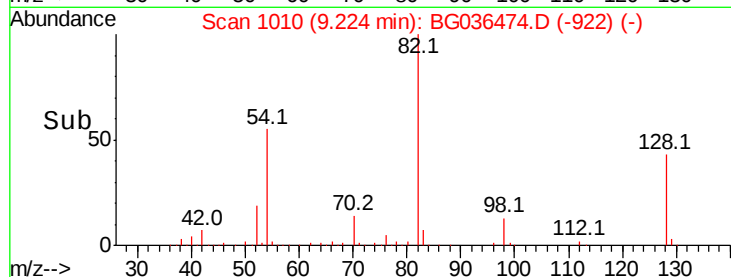
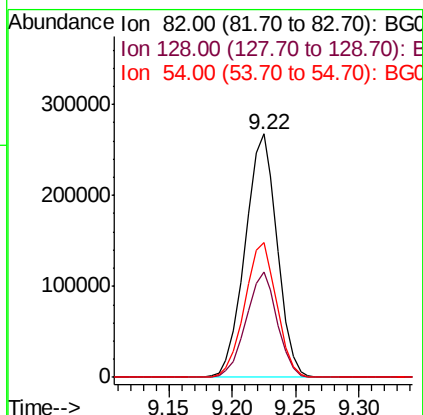
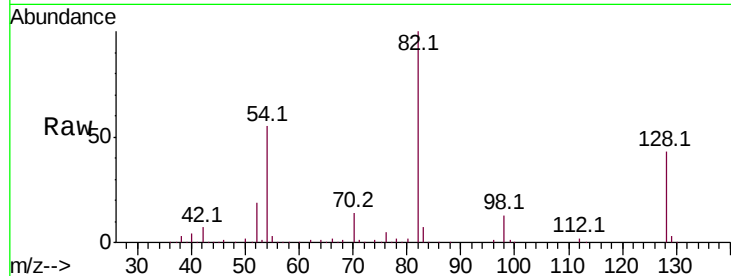




#23
 Nitrobenzene-d5
 Concen: 111.213 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

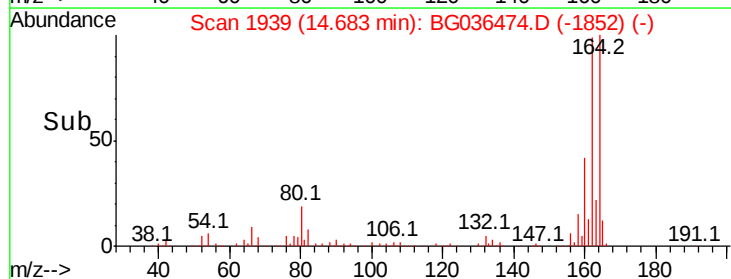
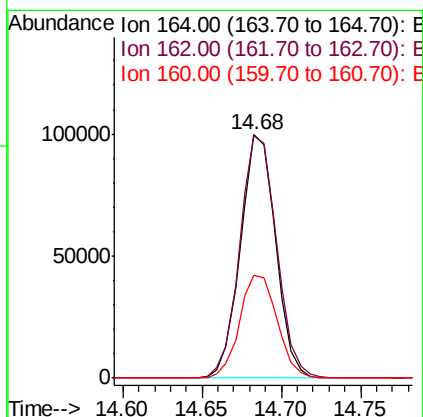
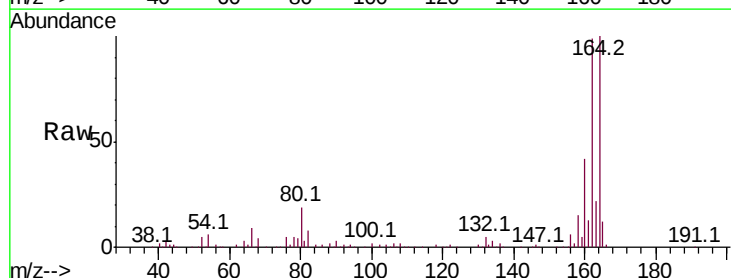
Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	55.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.7	121.1
160	42.1	35.3	52.9

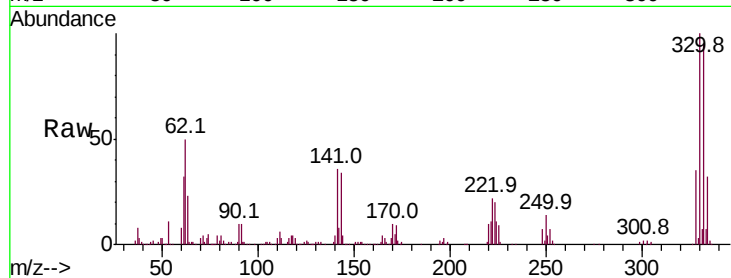




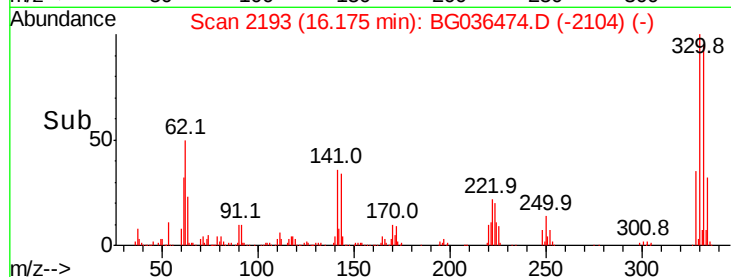
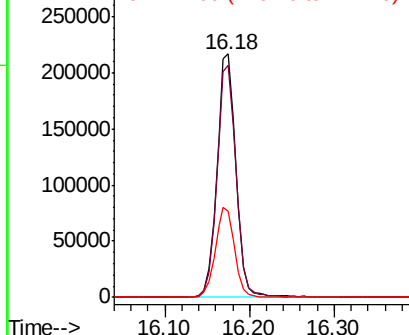
#41
 2,4,6-Tribromophenol
 Concen: 186.489 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :
 TL-SPEEDY-DRY

Tot Ion:330 Resp: 342051
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.2
 141 37.2 30.7 46.1

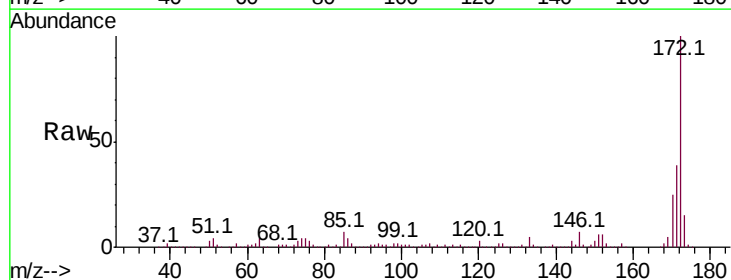


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

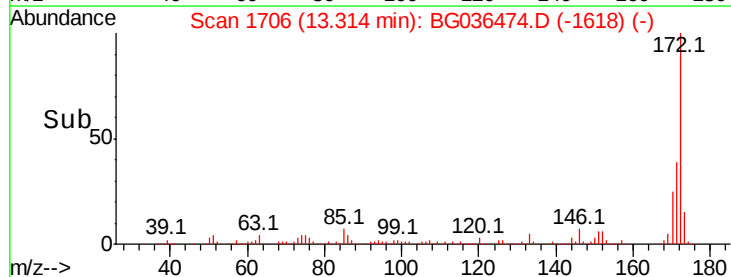
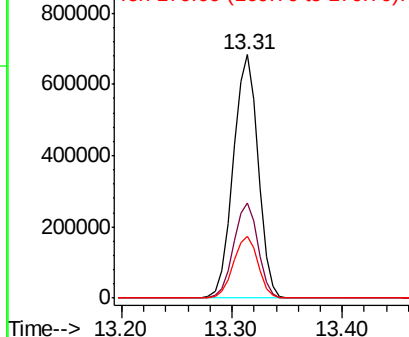


#44
 2-Fluorobiphenyl
 Concen: 100.294 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036474.D
 Acq: 29 Aug 2018 1:30

Tgt Ion:172 Resp: 1079735
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 25.4 21.0 31.6



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

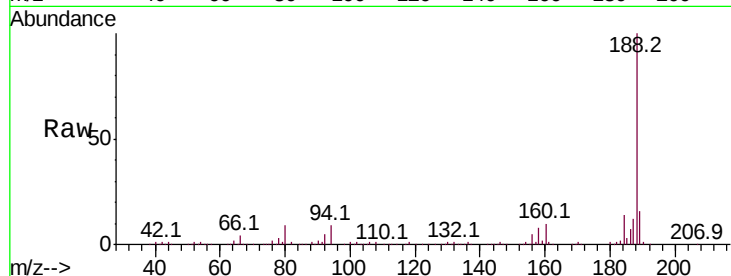




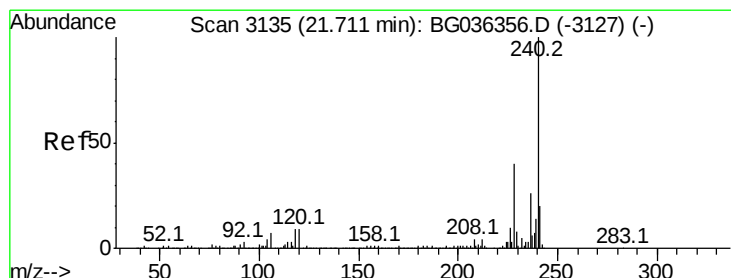
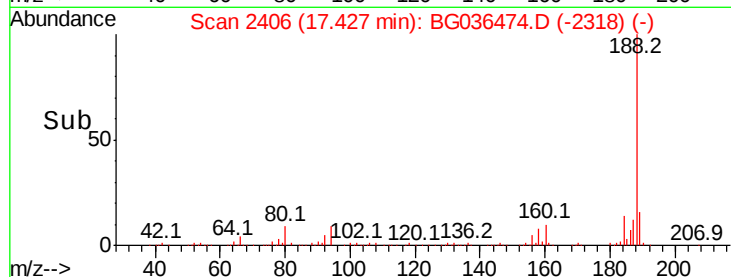
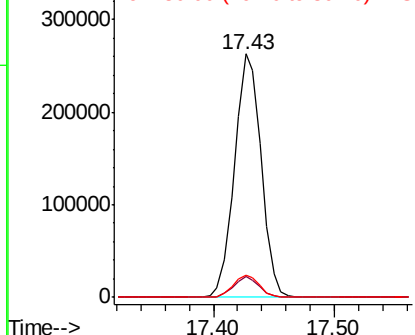
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Instrument :
BNA_G
ClientSampleId :
TL-SPEEDY-DRY

Tot Ion:188 Resp: 404230
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.2 8.1 12.1

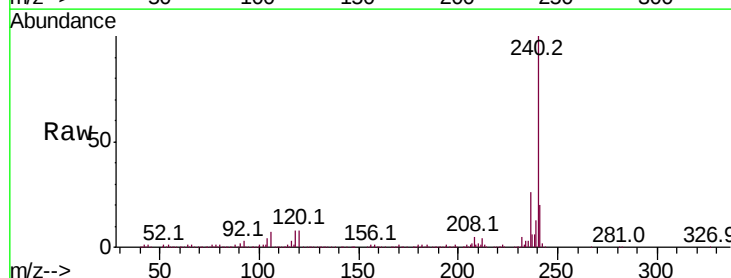


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

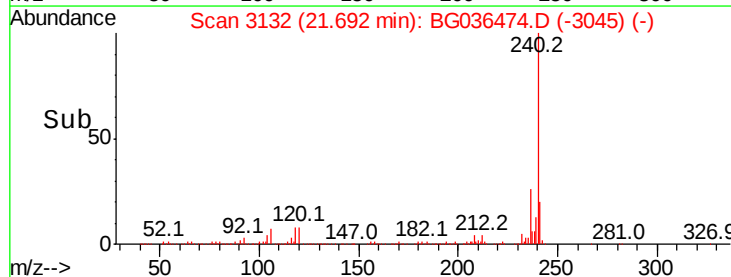
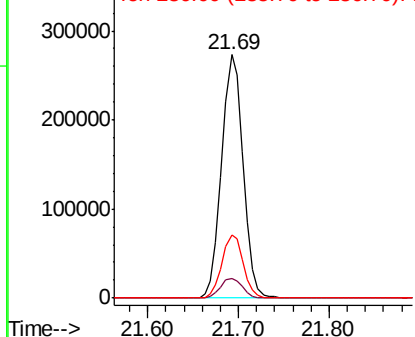


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036474.D
Acq: 29 Aug 2018 1:30

Tgt Ion:240 Resp: 448813
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.0 21.2 31.8



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





#78

Terphenyl-d14

Concen: 98.275 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

Instrument :

BNA_G

ClientSampleId :

TL-SPEEDY-DRY

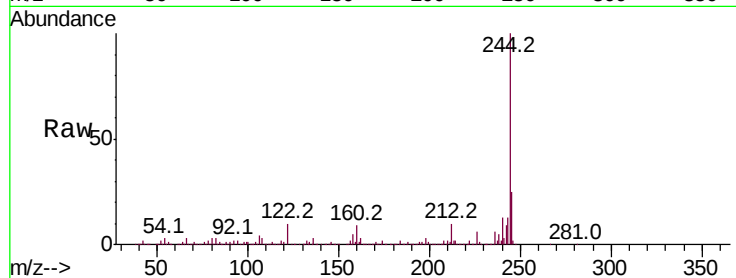
Tot Ion:244 Resp: 1887056

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

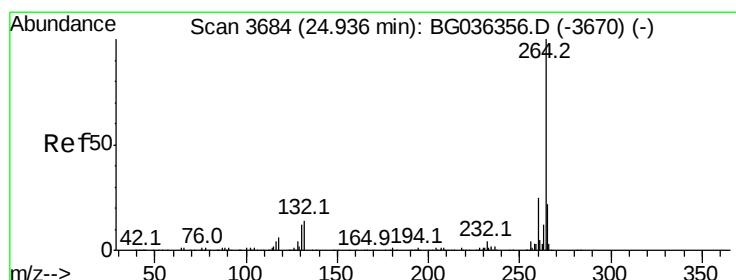
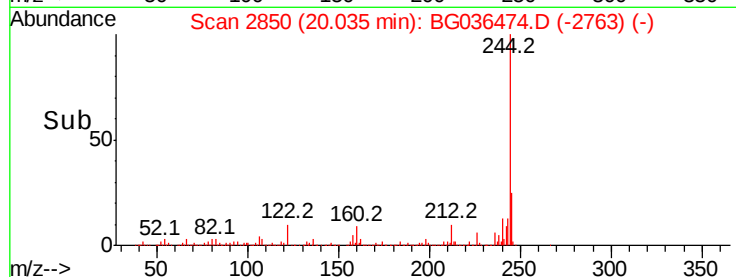
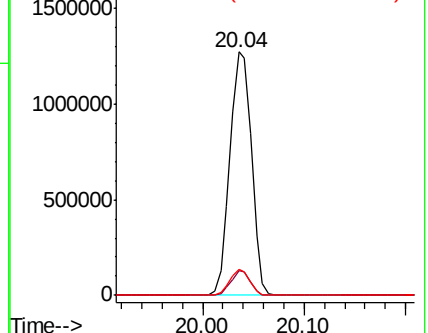
122 10.5 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036474.D

Acq: 29 Aug 2018 1:30

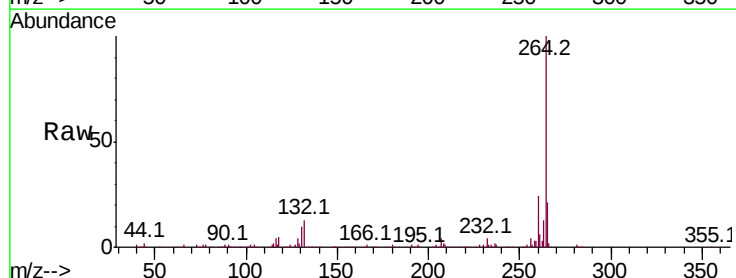
Tgt Ion:264 Resp: 452012

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 20.9 17.4 26.0



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

