

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038541.D
 Acq On : 13 Dec 2018 20:42
 Operator : JU/SJ
 Sample : J6340-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Dec 13 22:47:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23526	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97631	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64781	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	168787	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174613	20.00	ng	0.00
87) Perylene-d12	25.01	264	182975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93586	70.56	ng	0.00
7) Phenol-d6	7.20	99	77965	42.82	ng	0.00
23) Nitrobenzene-d5	9.24	82	186699	97.69	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	133378	149.39	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	449367	95.16	ng	0.00
79) Terphenyl-d14	20.04	244	874387	108.98	ng	0.00

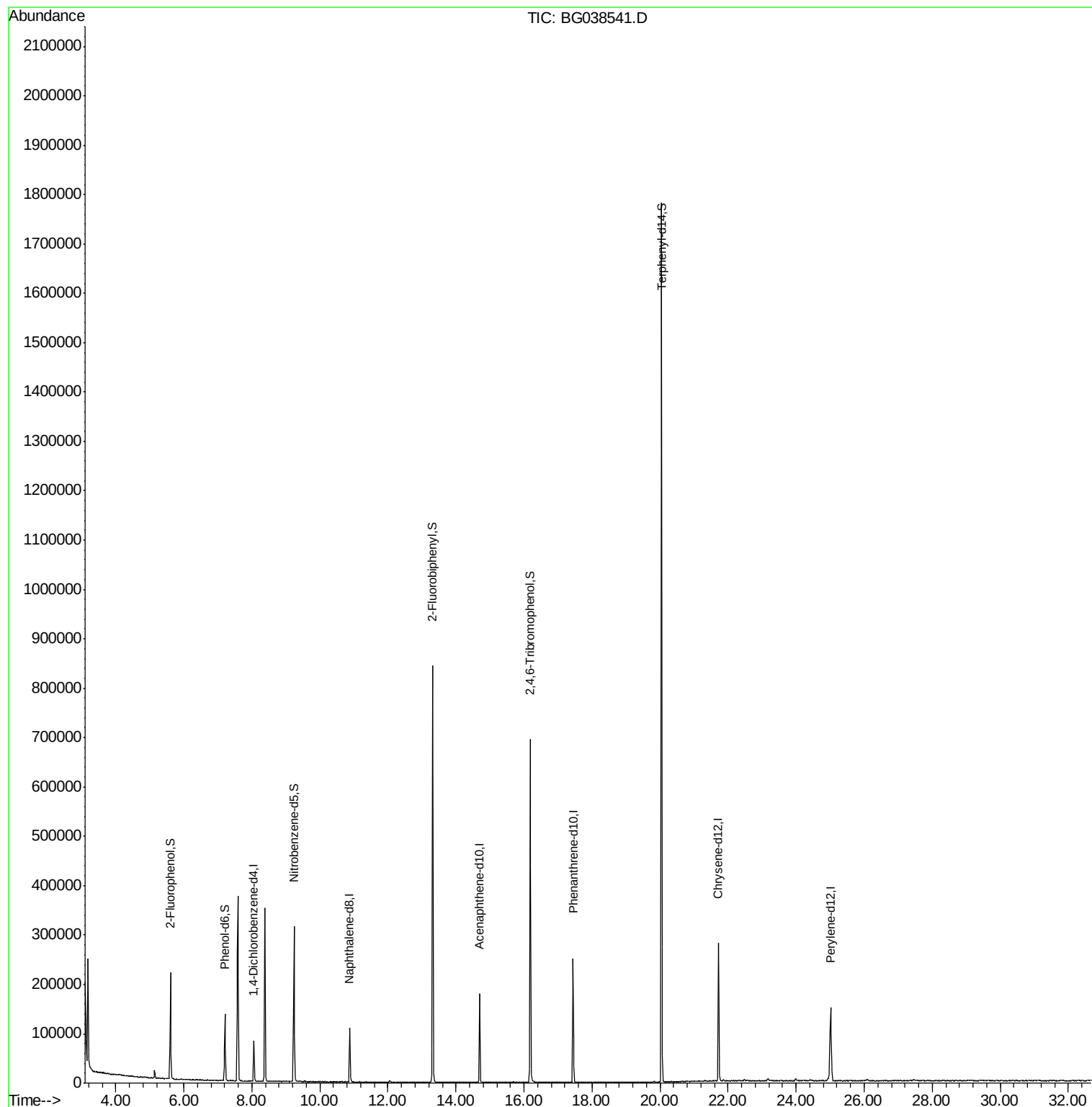
Target Compounds Qvalue

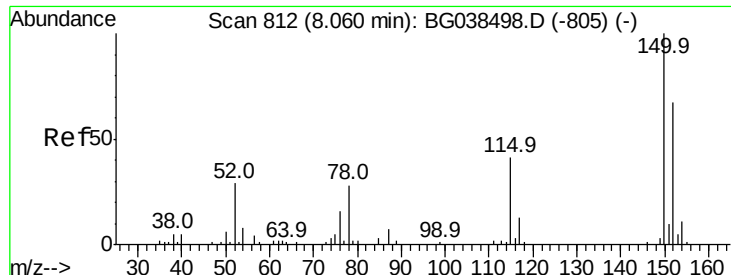
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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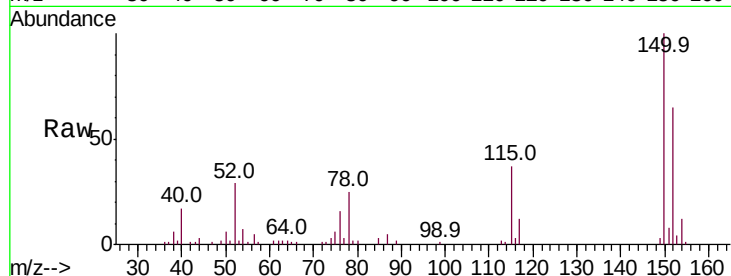


#1

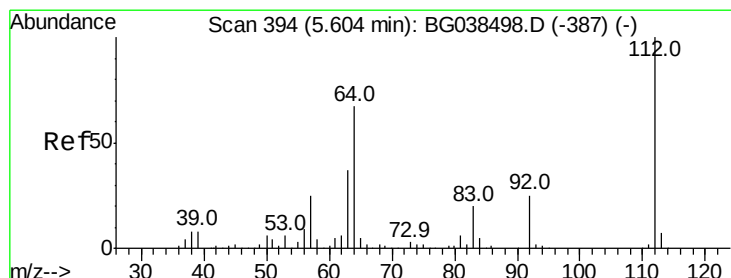
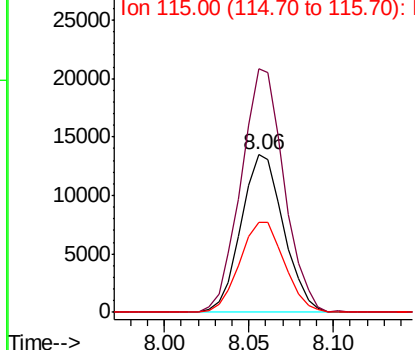
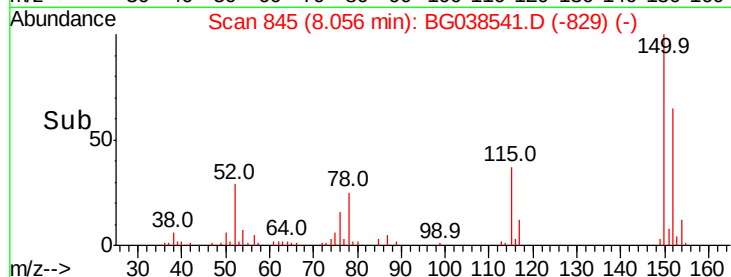
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion:152 Resp: 23526
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 57.0 49.6 74.4



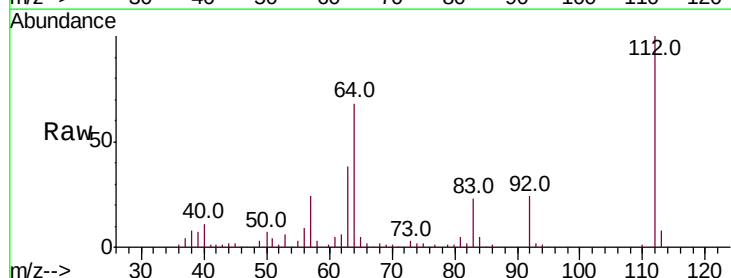
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



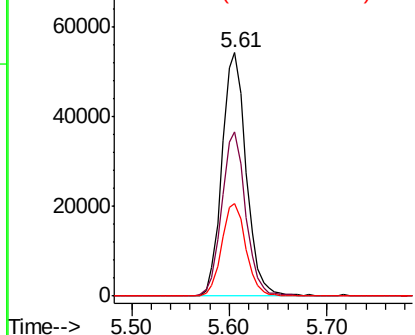
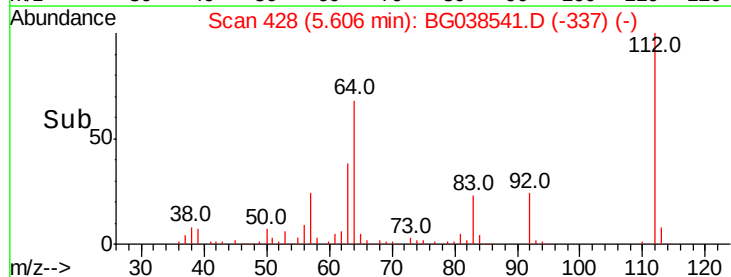
#5

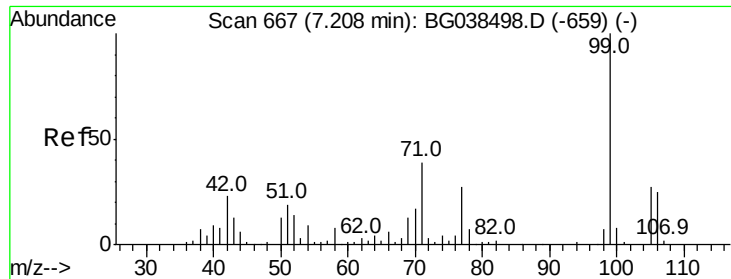
2-Fluorophenol
Concen: 70.556 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Tgt Ion:112 Resp: 93586
Ion Ratio Lower Upper
112 100
64 67.6 53.4 80.2
63 38.2 29.3 43.9



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: 42.816 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampled :

TWP-01

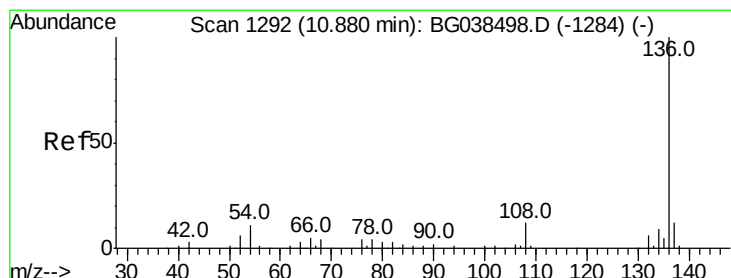
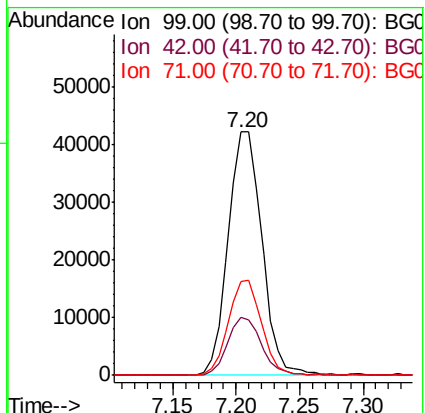
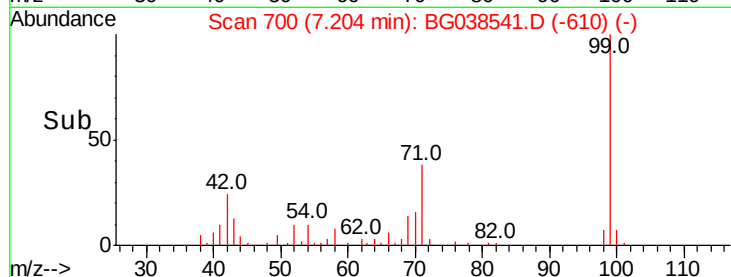
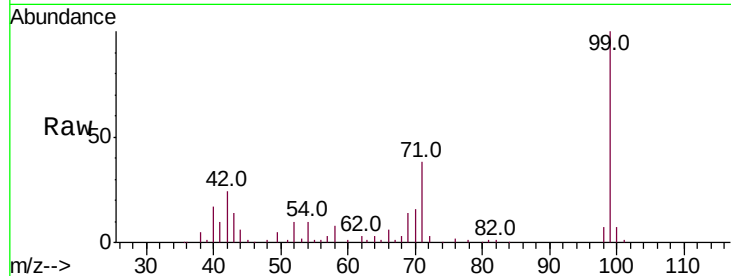
Tot Ion: 99 Resp: 77965

Ion Ratio Lower Upper

99 100

42 23.6 18.5 27.7

71 38.5 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Tgt Ion: 136 Resp: 97631

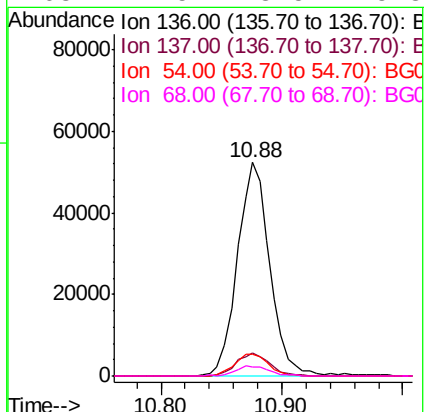
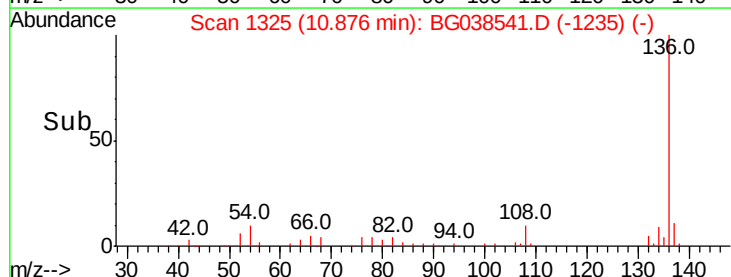
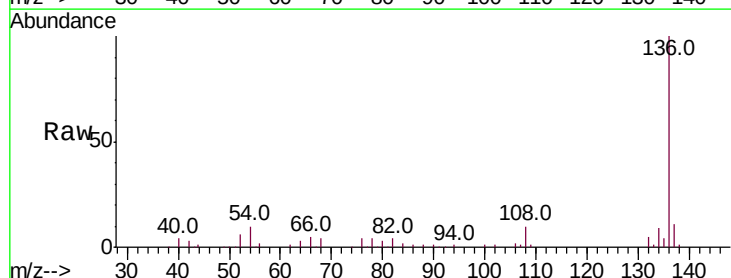
Ion Ratio Lower Upper

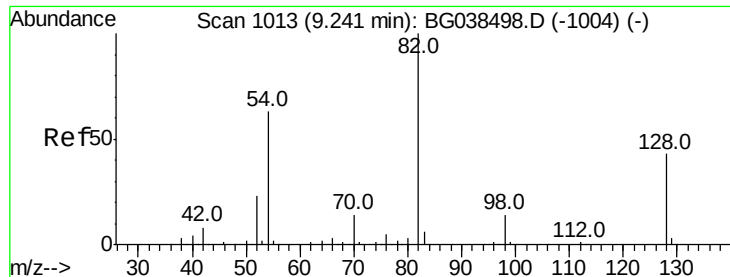
136 100

137 11.0 9.3 13.9

54 10.4 8.5 12.7

68 4.5 3.5 5.3

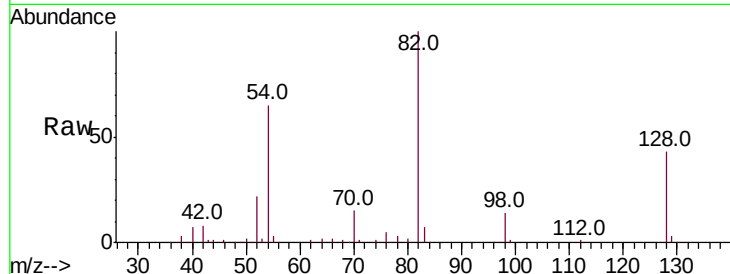




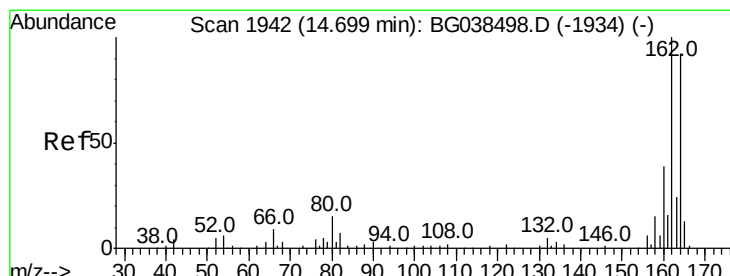
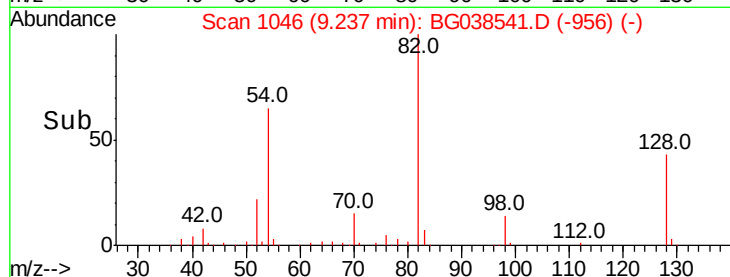
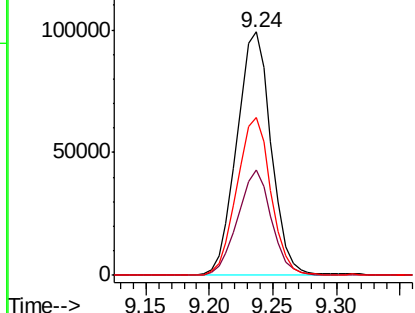
#23
Nitrobenzene-d5
Concen: 97.694 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion: 82 Resp: 186699
Ion Ratio Lower Upper
82 100
128 43.4 34.6 52.0
54 65.0 50.6 76.0

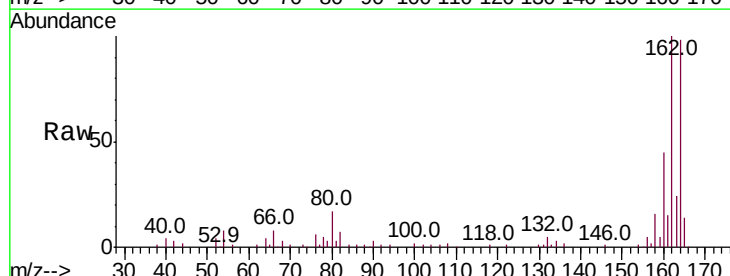


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

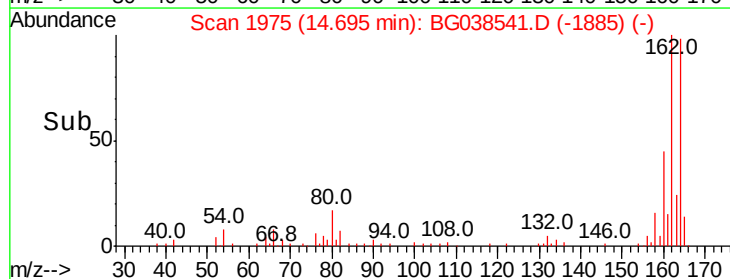
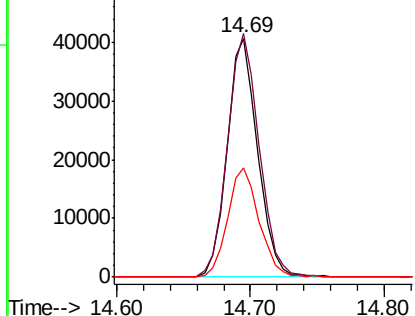


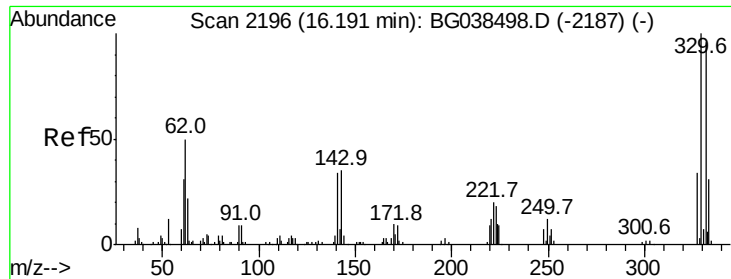
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038541.D
Acq: 13 Dec 2018 20:42

Tgt Ion:164 Resp: 64781
Ion Ratio Lower Upper
164 100
162 102.0 86.6 130.0
160 45.7 34.2 51.2



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: 149.393 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampled :

TWP-01

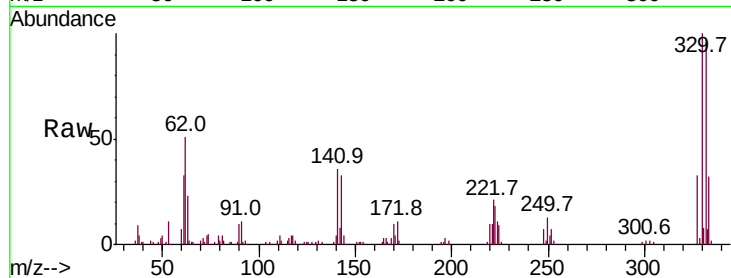
Tot Ion:330 Resp: 133378

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

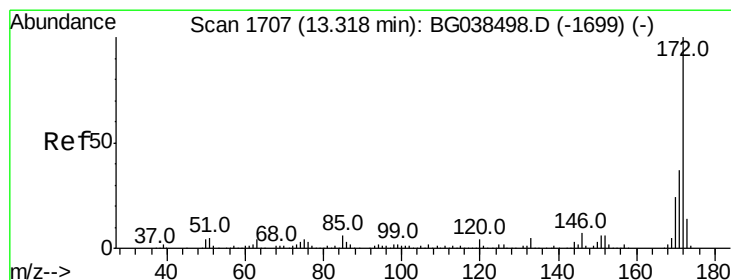
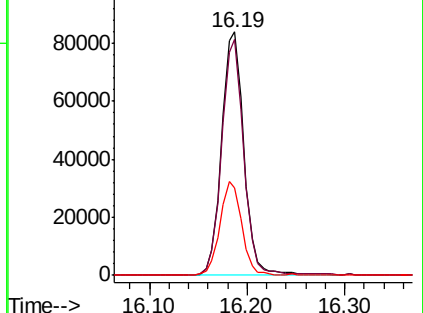
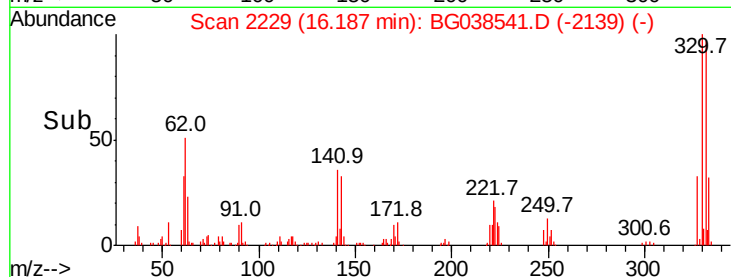
141 37.5 28.8 43.2



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: 95.161 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

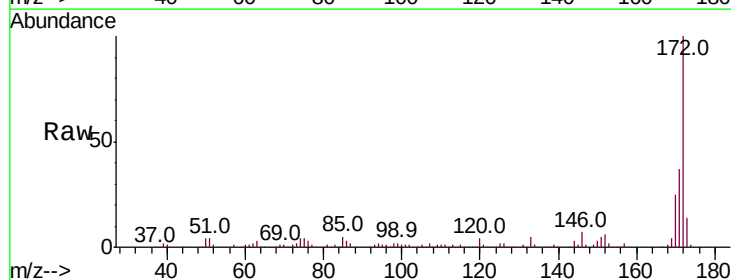
Tgt Ion:172 Resp: 449367

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

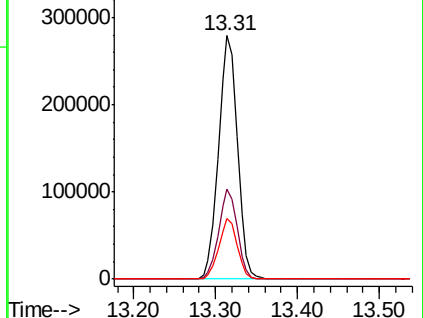
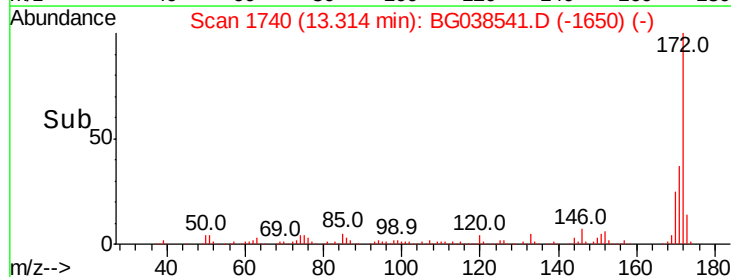
170 24.8 19.5 29.3

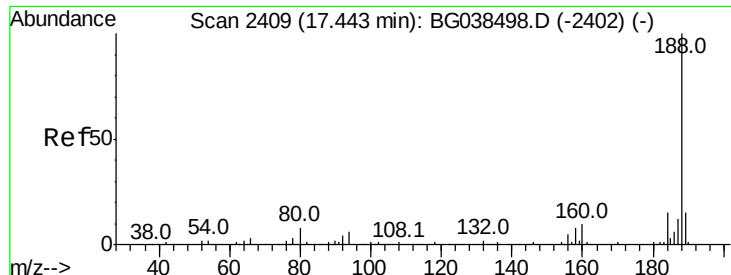


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

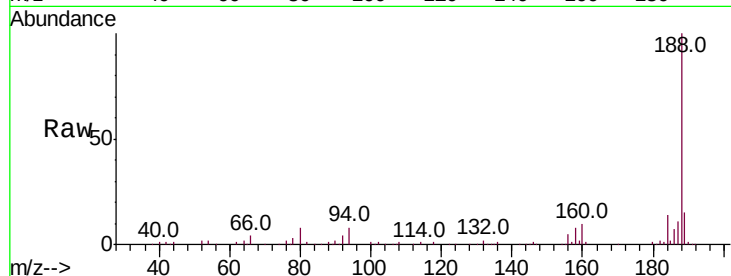




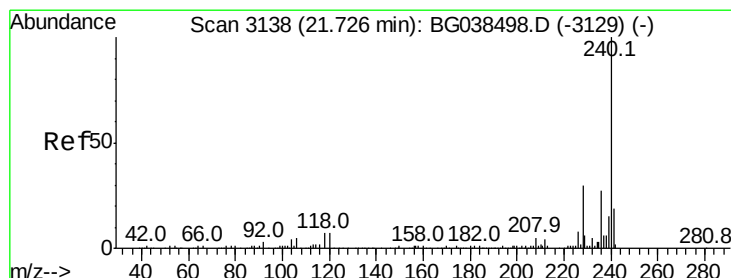
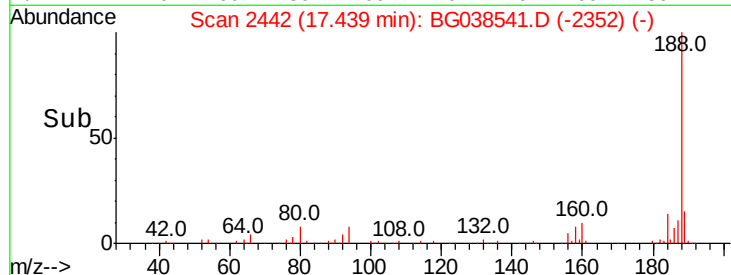
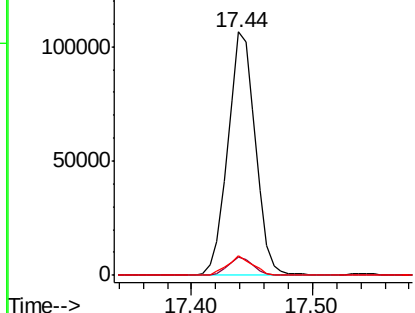
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Instrument :
 BNA_G
 ClientSampled :
 TWP-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.1	7.7
80	8.0	6.1	9.1

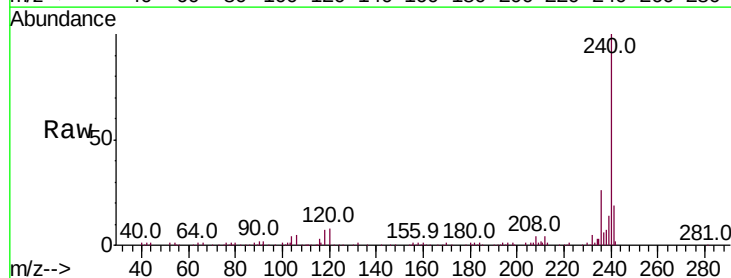


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

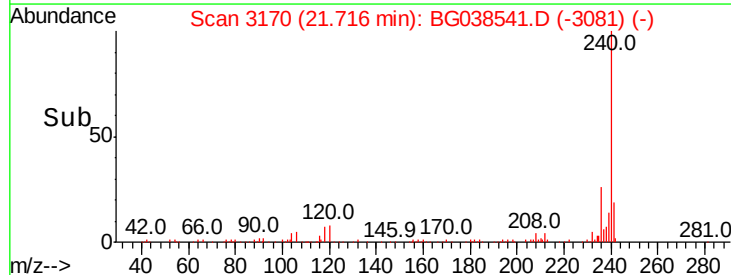
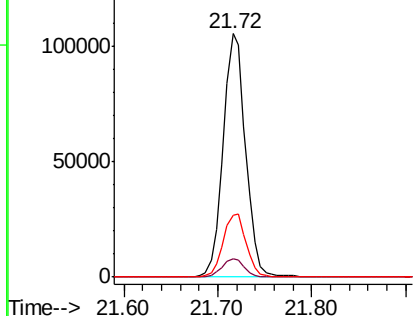


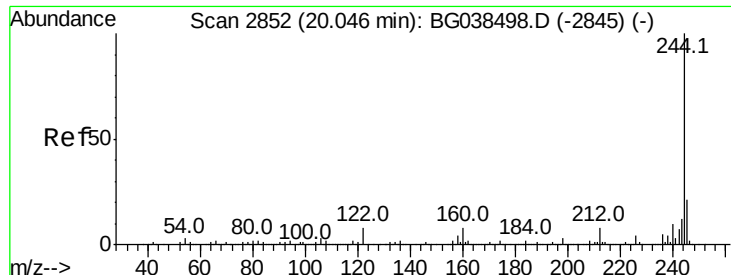
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038541.D
 Acq: 13 Dec 2018 20:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	25.6	21.4	32.2



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: 108.981 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TWP-01

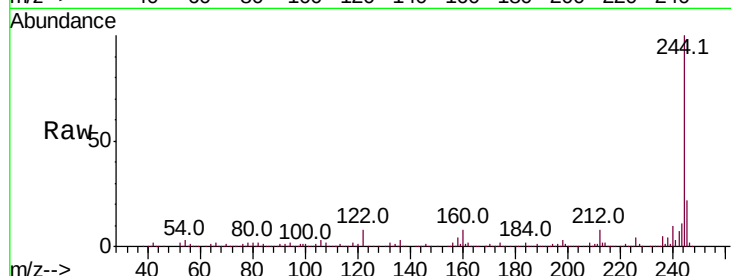
Tot Ion:244 Resp: 874387

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

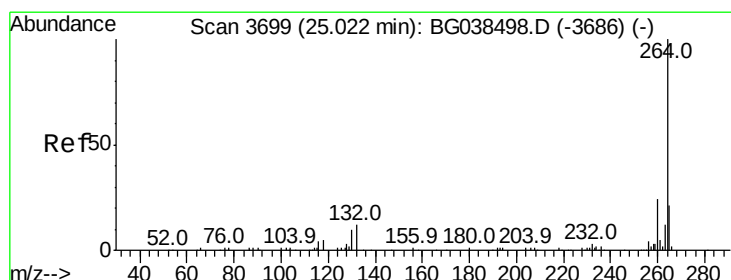
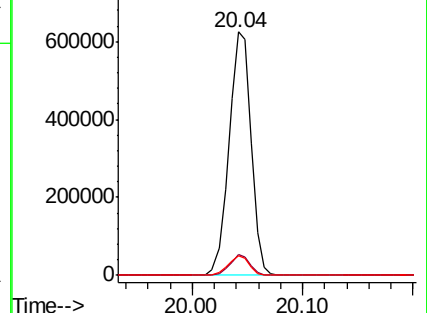
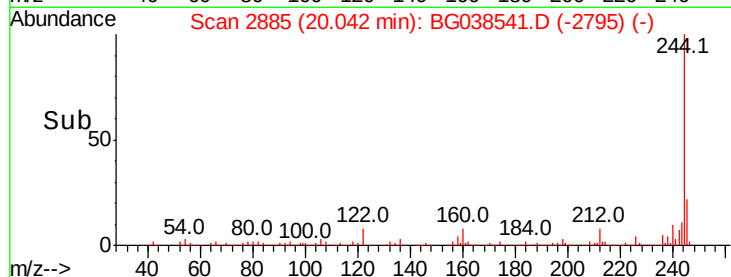
122 8.0 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038541.D

Acq: 13 Dec 2018 20:42

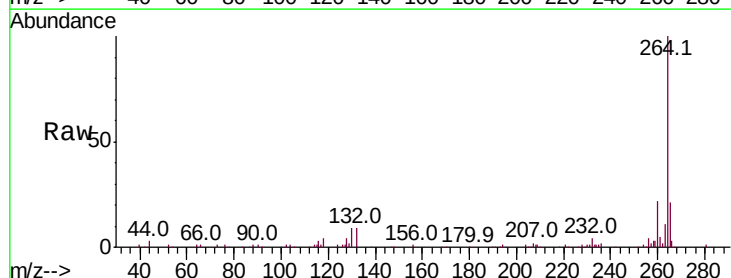
Tgt Ion:264 Resp: 182975

Ion Ratio Lower Upper

264 100

260 21.8 18.9 28.3

265 20.8 17.0 25.4



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

