

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038575.D
 Acq On : 14 Dec 2018 19:47
 Operator : JU/SJ
 Sample : PB115331BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BL

Quant Time: Dec 14 23:11:00 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	20895	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	83014	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	55478	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144633	20.00	ng	0.00
76) Chrysene-d12	21.72	240	156749	20.00	ng	0.00
87) Perylene-d12	25.02	264	161875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	149029	126.50	ng	0.00
7) Phenol-d6	7.21	99	199388	123.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	130432	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	85587	111.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	308456	76.27	ng	0.00
79) Terphenyl-d14	20.04	244	645894	89.68	ng	0.00

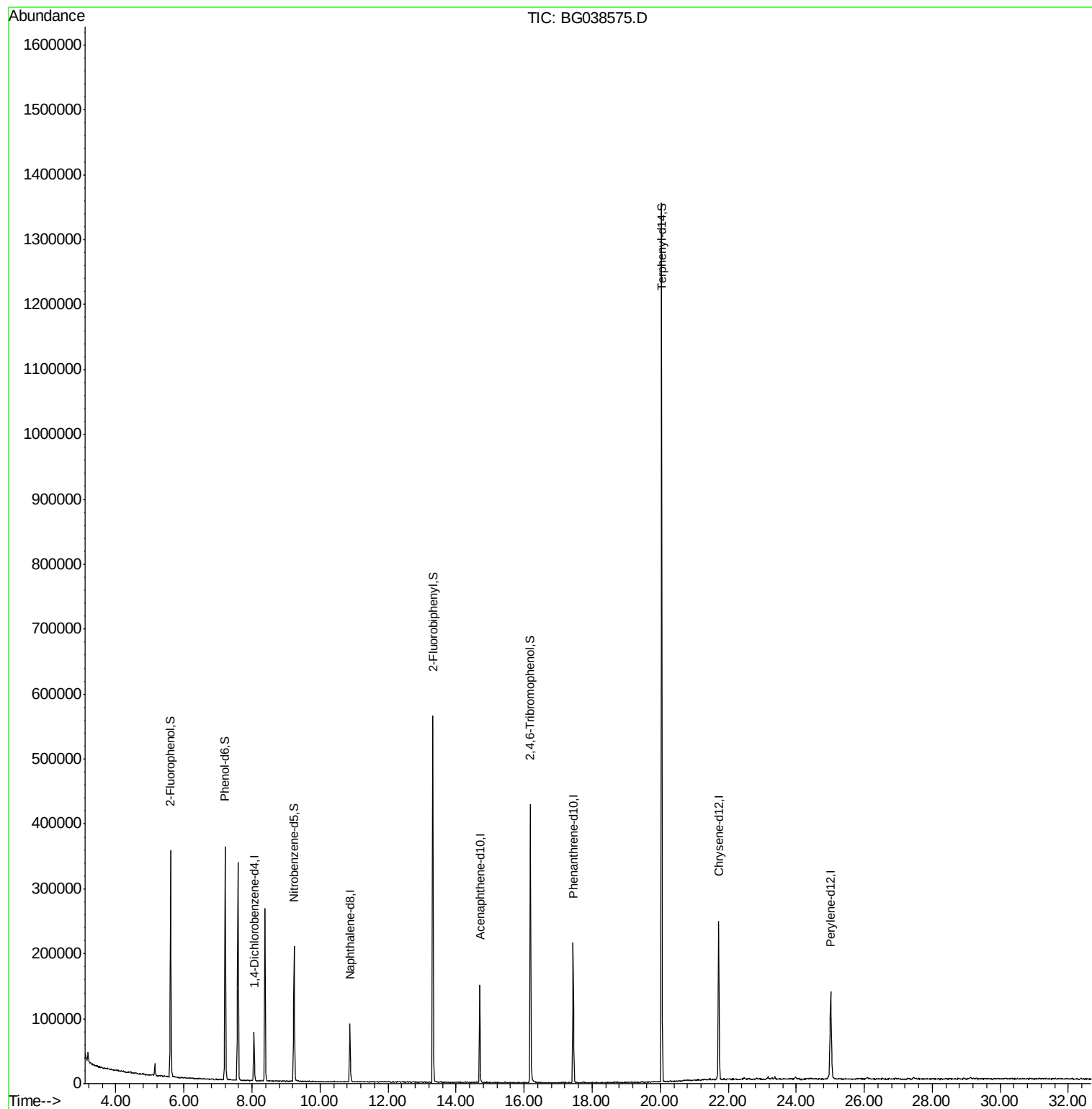
Target Compounds Qvalue

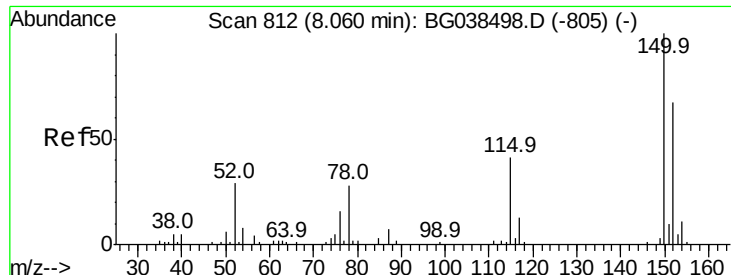
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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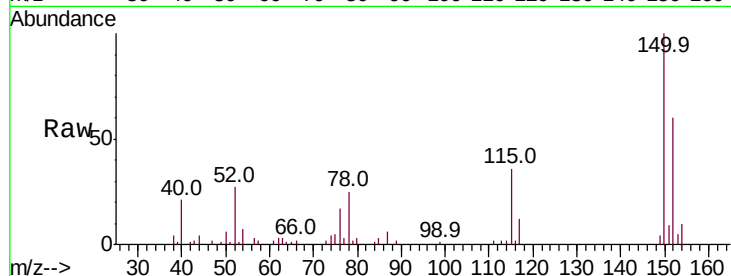


#1

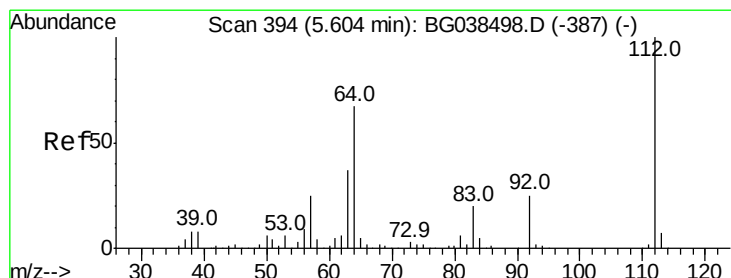
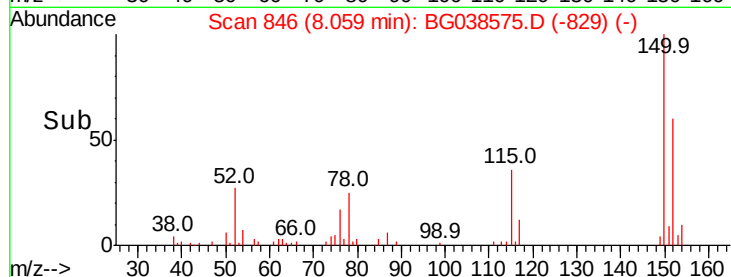
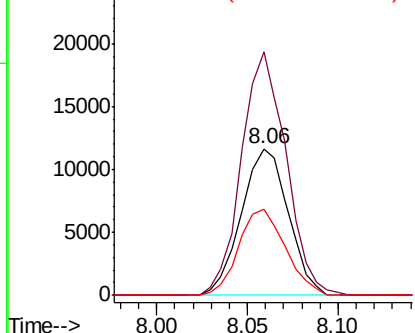
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038575.D
Acq: 14 Dec 2018 19:47

Instrument :
BNA_G
ClientSampleId :
PB115331BL

Tot Ion:152 Resp: 20895
Ion Ratio Lower Upper
152 100
150 166.4 119.5 179.3
115 59.2 49.6 74.4



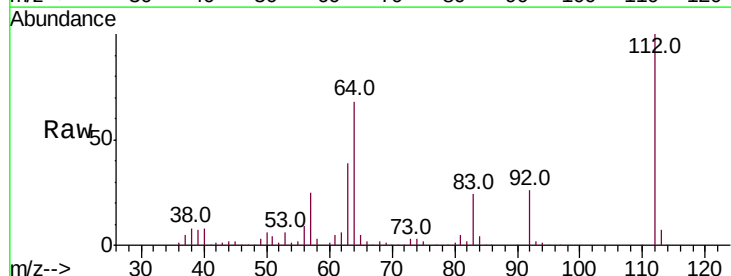
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



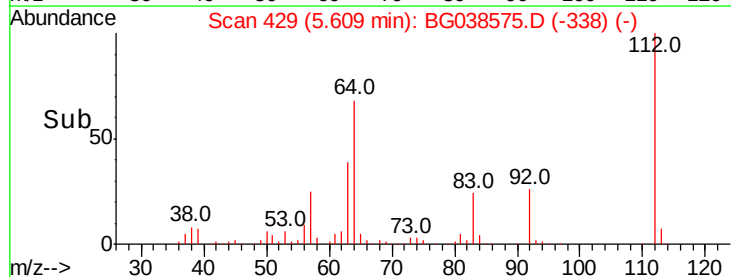
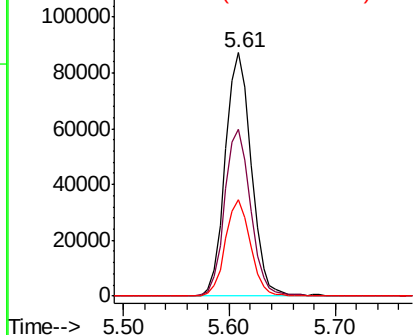
#5

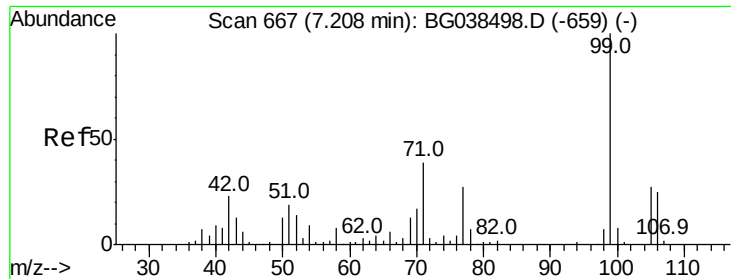
2-Fluorophenol
Concen: 126.502 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038575.D
Acq: 14 Dec 2018 19:47

Tgt Ion:112 Resp: 149029
Ion Ratio Lower Upper
112 100
64 68.5 53.4 80.2
63 39.4 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: 123.287 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038575.D

Acq: 14 Dec 2018 19:47

Instrument :

BNA_G

ClientSampleId :

PB115331BL

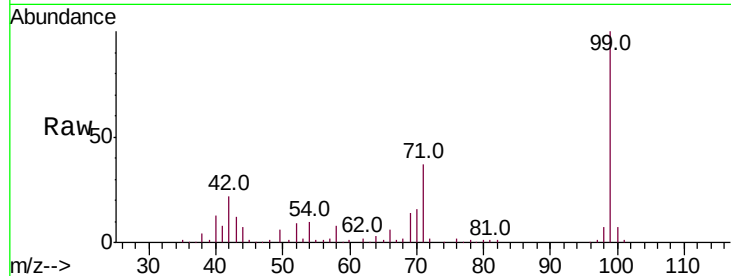
Tot Ion: 99 Resp: 199388

Ion Ratio Lower Upper

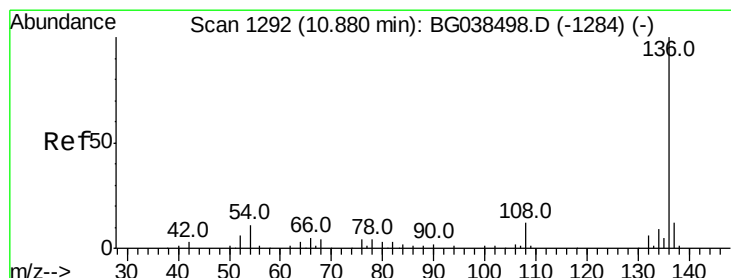
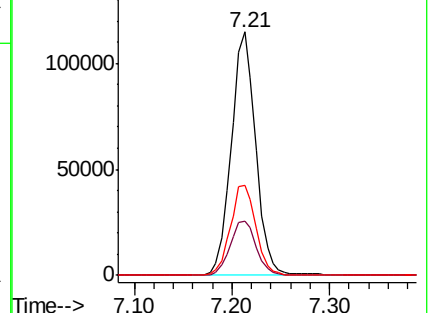
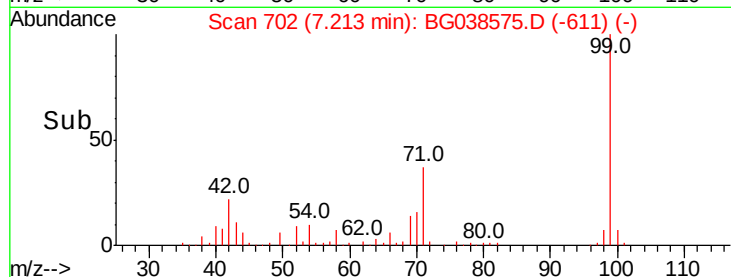
99 100

42 22.4 18.5 27.7

71 37.1 31.1 46.7



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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038575.D

Acq: 14 Dec 2018 19:47

Tgt Ion:136 Resp: 83014

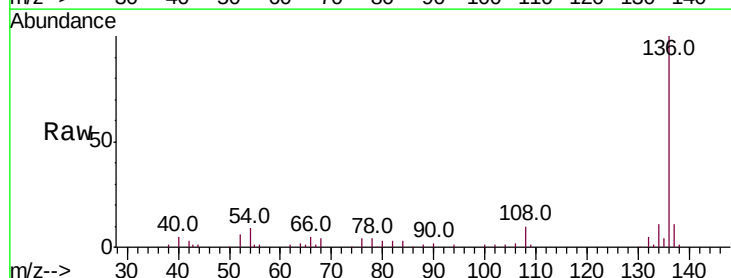
Ion Ratio Lower Upper

136 100

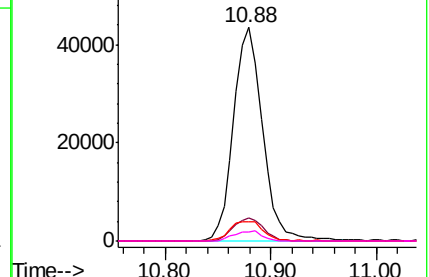
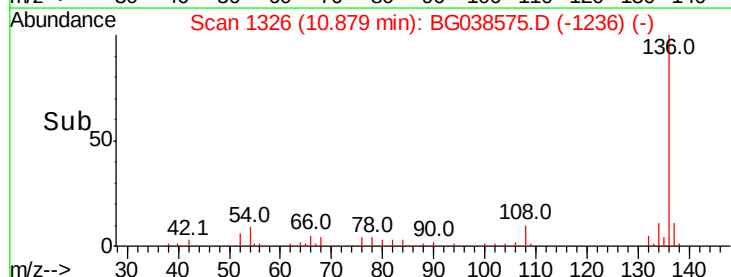
137 10.7 9.3 13.9

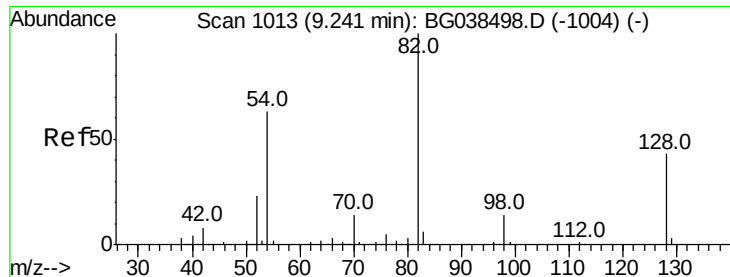
54 9.1 8.5 12.7

68 4.3 3.5 5.3



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

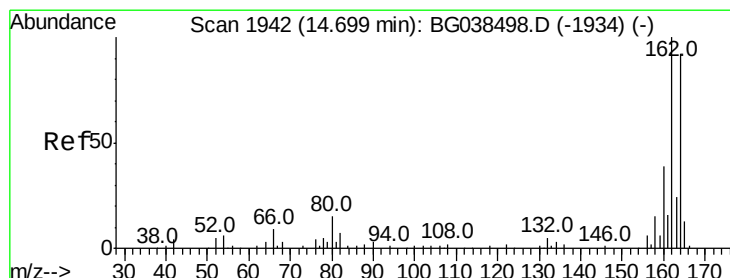
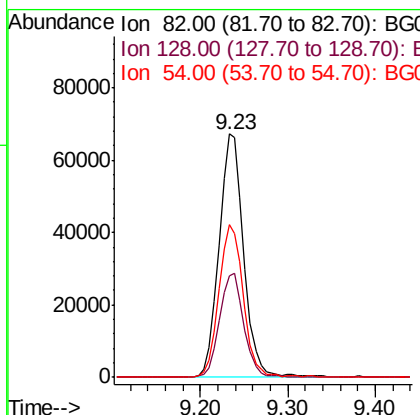
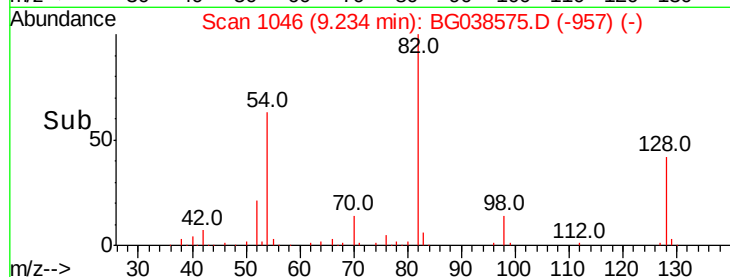
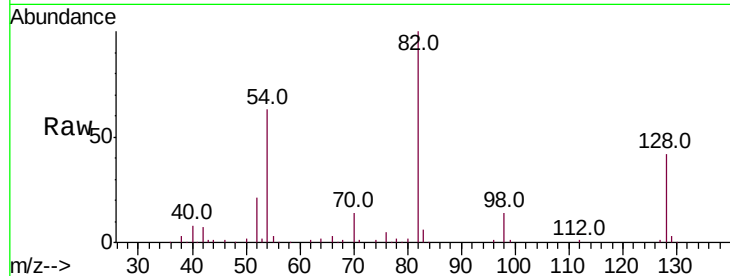




#23
Nitrobenzene-d5
Concen: 80.268 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038575.D
Acq: 14 Dec 2018 19:47

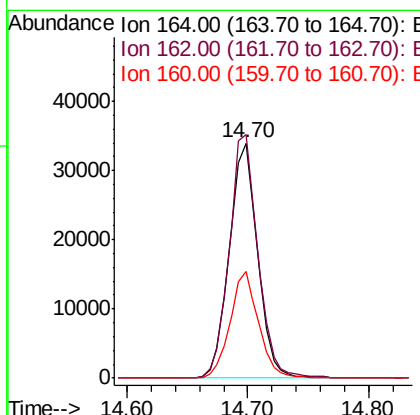
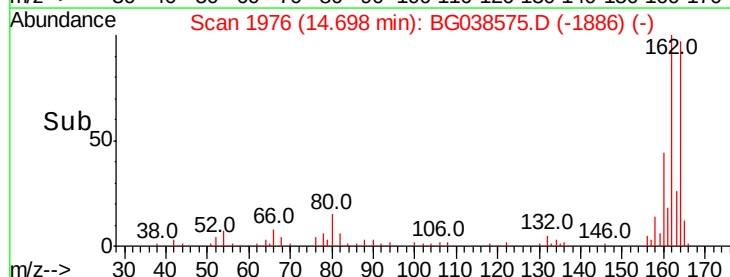
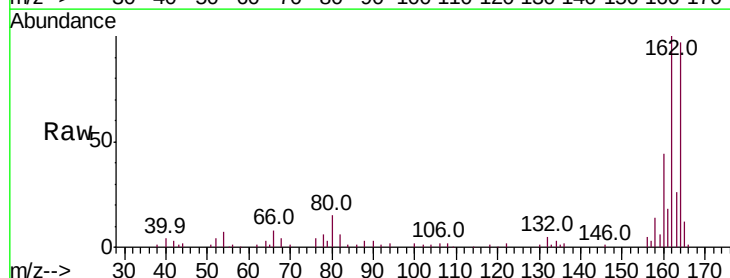
Instrument :
BNA_G
ClientSampleId :
PB115331BL

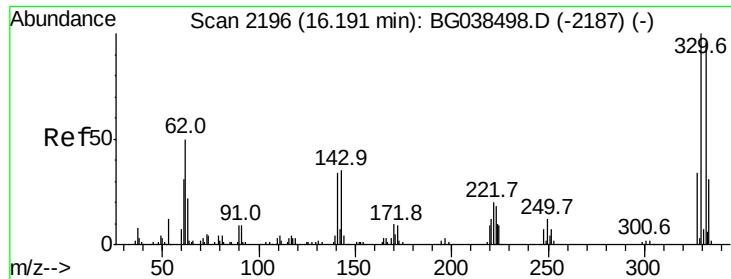
Tot Ion: 82 Resp: 130432
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 62.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038575.D
Acq: 14 Dec 2018 19:47

Tgt Ion:164 Resp: 55478
Ion Ratio Lower Upper
164 100
162 103.6 86.6 130.0
160 45.5 34.2 51.2

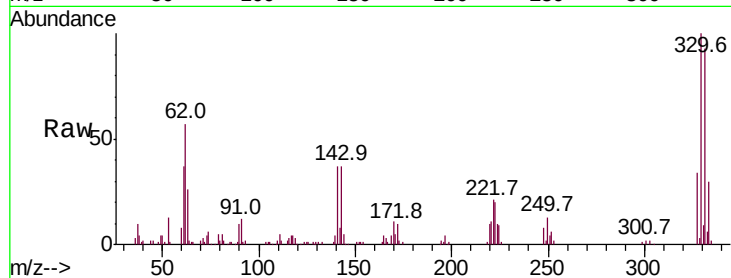




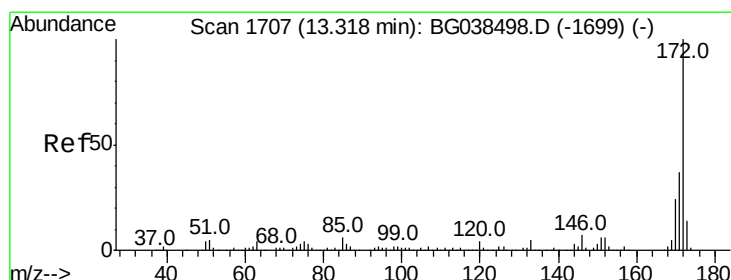
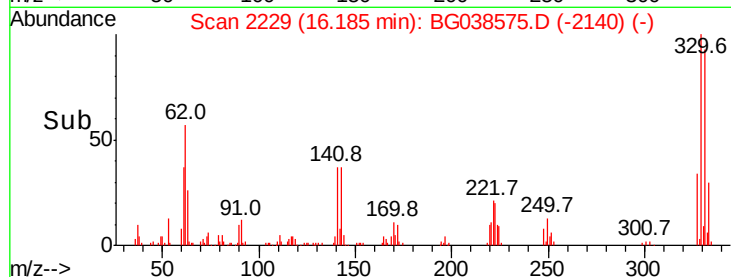
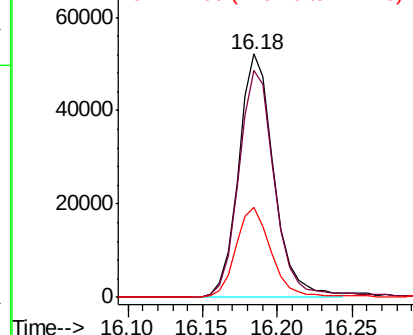
#42
 2,4,6-Tribromophenol
 Concen: 111.939 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038575.D
 Acq: 14 Dec 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	37.4	28.8	43.2

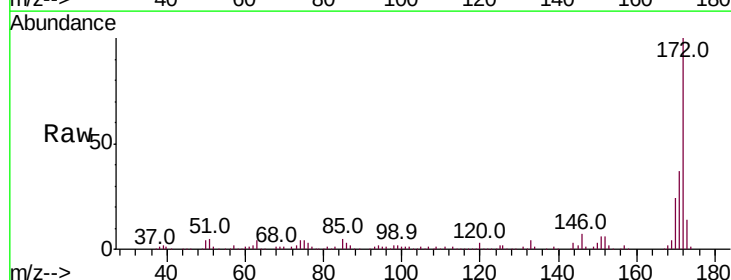


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

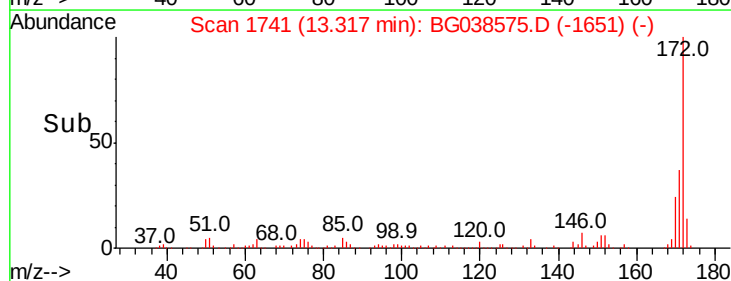
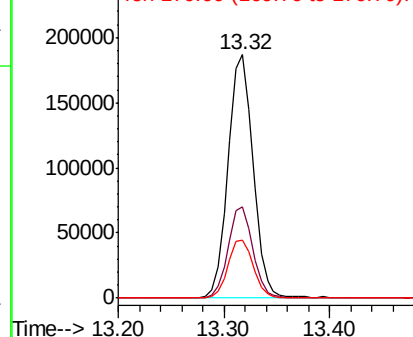


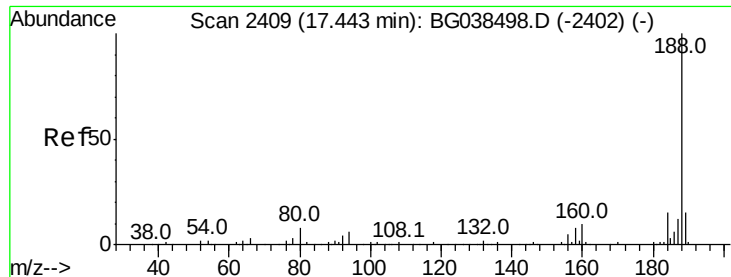
#45
 2-Fluorobiphenyl
 Concen: 76.274 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038575.D
 Acq: 14 Dec 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.0	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

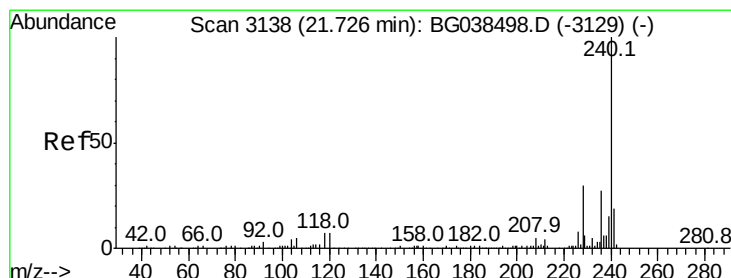
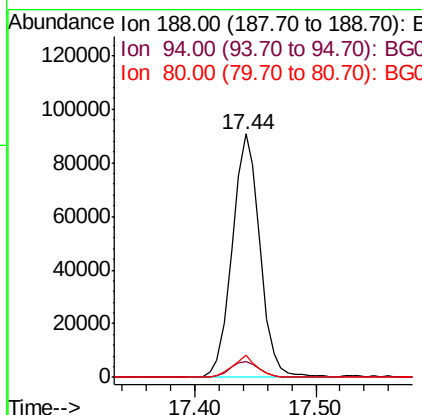
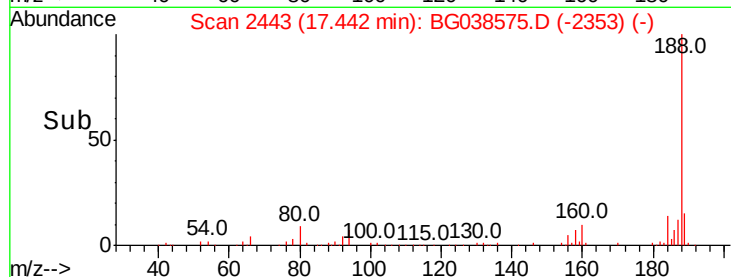
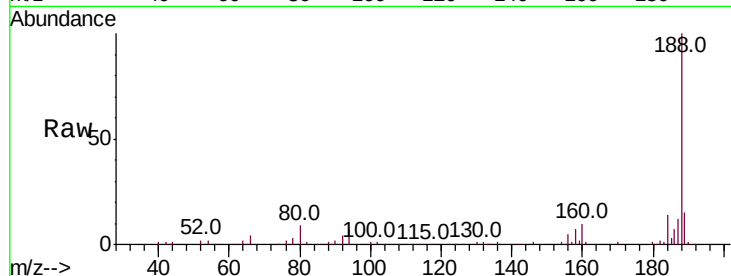




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038575.D
 Acq: 14 Dec 2018 19:47

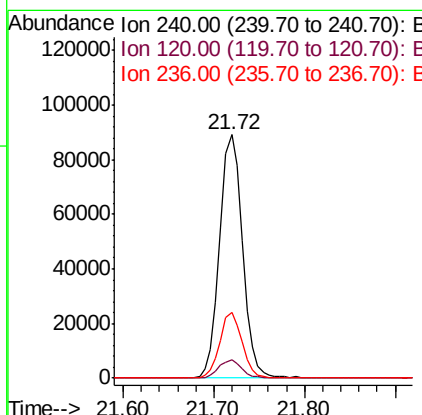
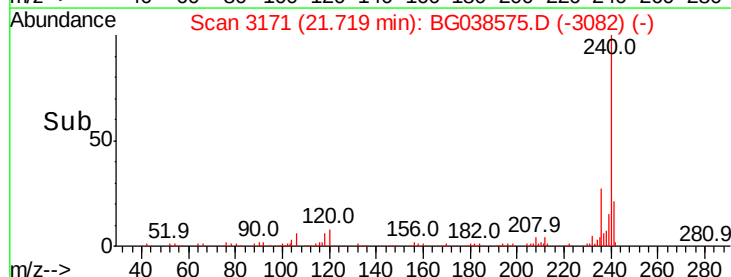
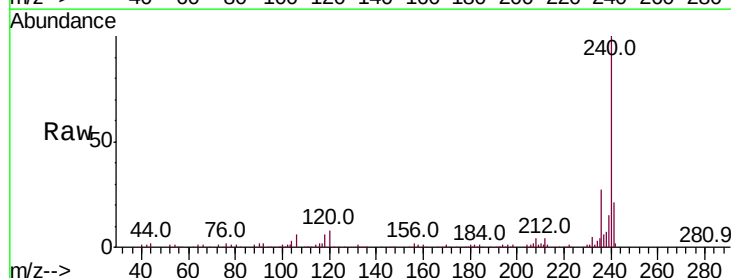
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BL

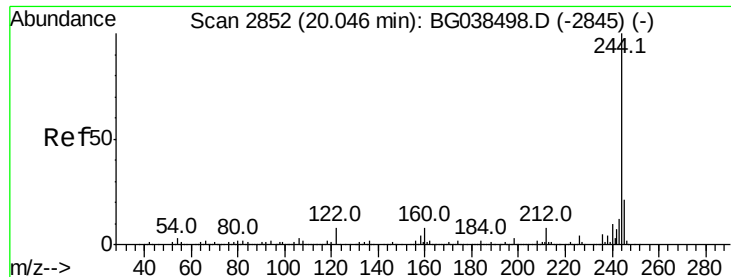
Tot Ion:188 Resp: 144633
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.1 7.7
 80 9.1 6.1 9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038575.D
 Acq: 14 Dec 2018 19:47

Tgt Ion:240 Resp: 156749
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.3 7.9
 236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 89.677 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038575.D

Acq: 14 Dec 2018 19:47

Instrument :

BNA_G

ClientSampleId :

PB115331BL

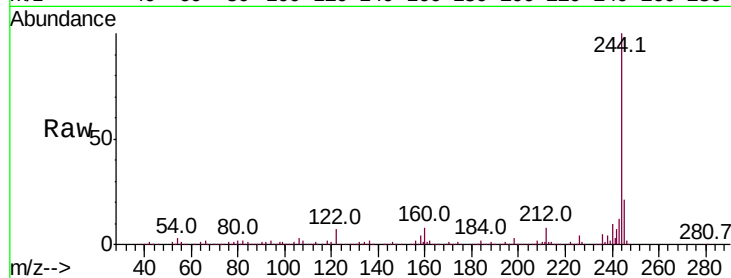
Tot Ion:244 Resp: 645894

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

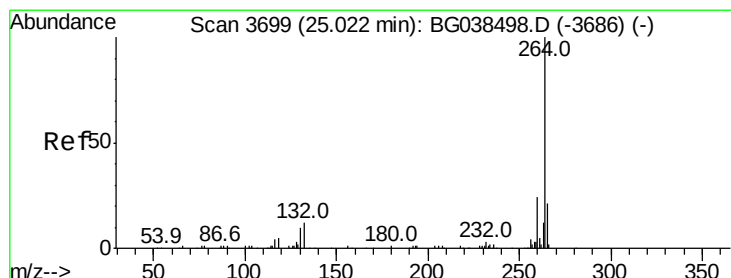
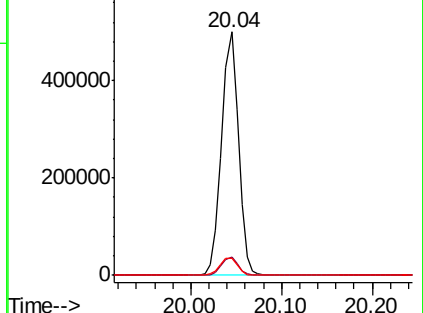
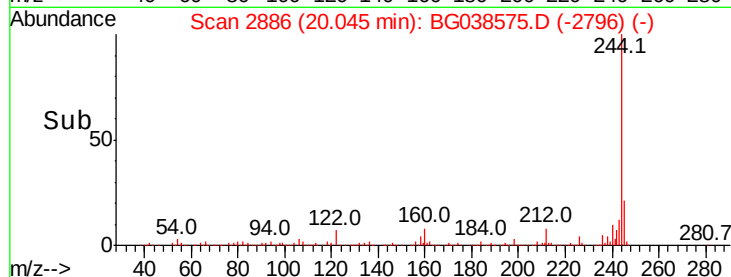
122 7.2 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038575.D

Acq: 14 Dec 2018 19:47

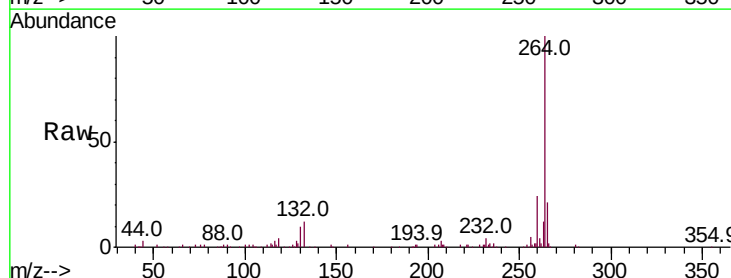
Tgt Ion:264 Resp: 161875

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 20.5 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

