

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038713.D
 Acq On : 19 Dec 2018 4:34
 Operator : JU/SJ
 Sample : J6403-60
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Quant Time: Dec 19 07:34:53 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	29458	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	111687	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75683	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	191386	20.00	ng	0.00
76) Chrysene-d12	21.72	240	203398	20.00	ng	0.00
87) Perylene-d12	25.02	264	207483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	217385	130.89	ng	0.00
7) Phenol-d6	7.21	99	263135	115.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	211501	96.74	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	161968	155.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	528709	95.84	ng	0.00
79) Terphenyl-d14	20.04	244	1012538	108.34	ng	0.00

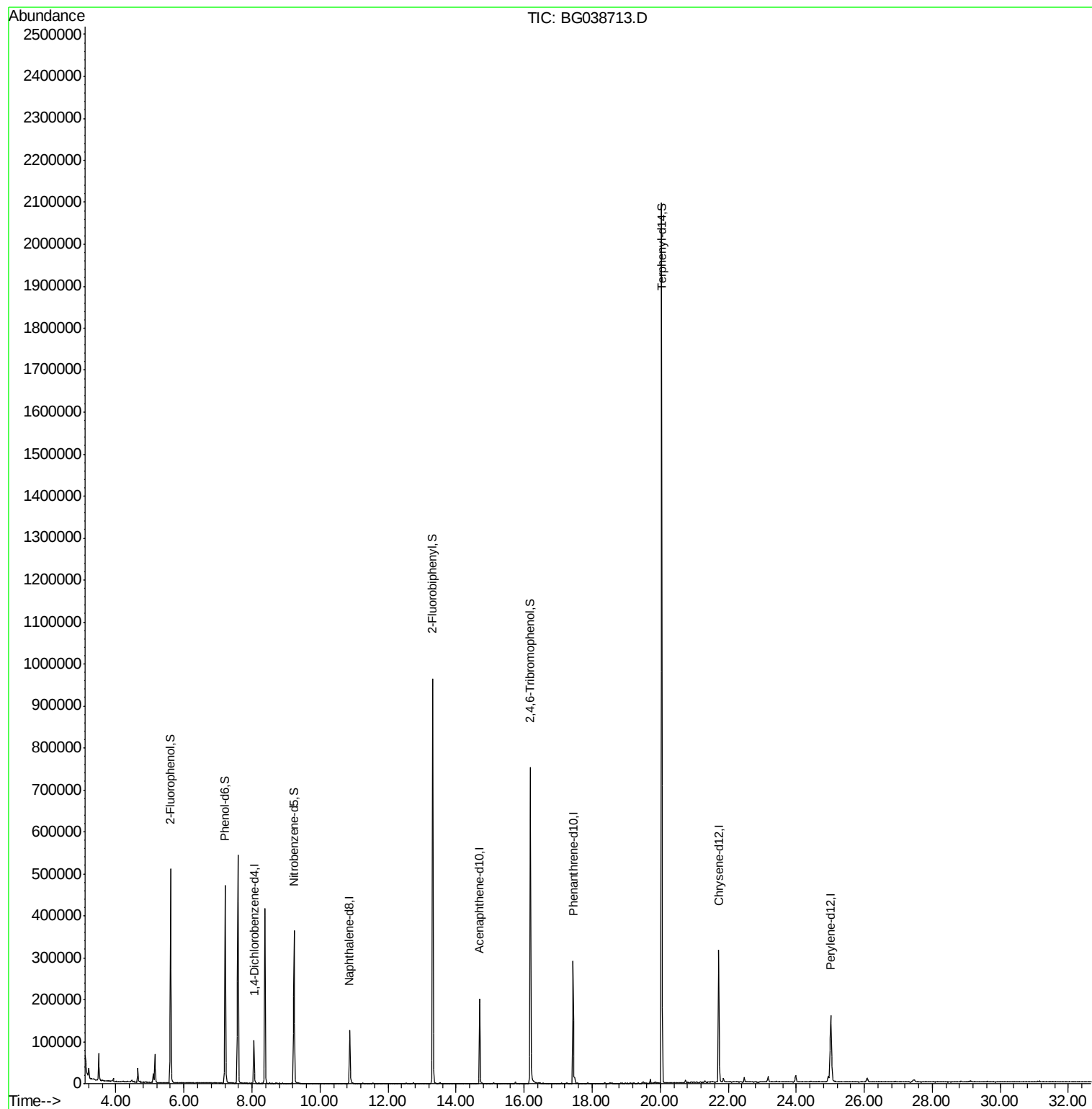
Target Compounds Qvalue

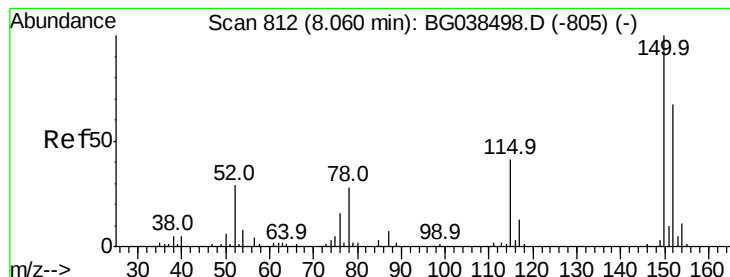
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038713.D
Acq On : 19 Dec 2018 4:34
Operator : JU/SJ
Sample : J6403-60
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-8-A

Quant Time: Dec 19 07:34:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038713.D

Acq: 19 Dec 2018 4:34

Instrument :

BNA_G

ClientSampleId :

TP-8-A

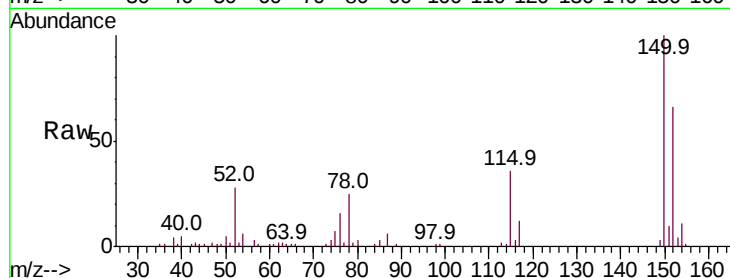
Tot Ion:152 Resp: 29458

Ion Ratio Lower Upper

152 100

150 150.6 119.5 179.3

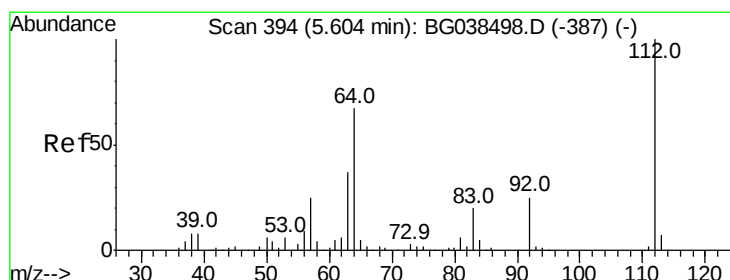
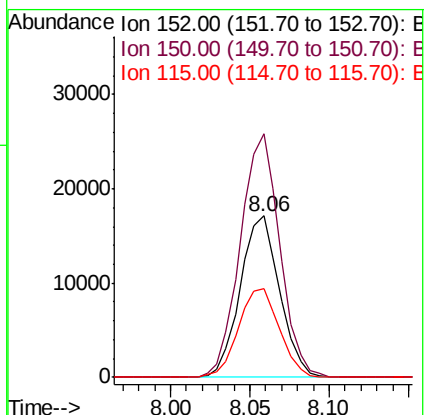
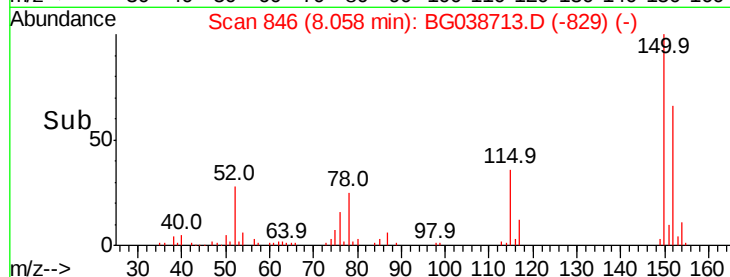
115 54.8 49.6 74.4



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: 130.886 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038713.D

Acq: 19 Dec 2018 4:34

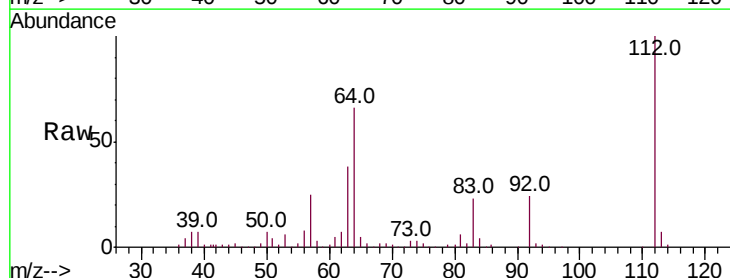
Tgt Ion:112 Resp: 217385

Ion Ratio Lower Upper

112 100

64 65.6 53.4 80.2

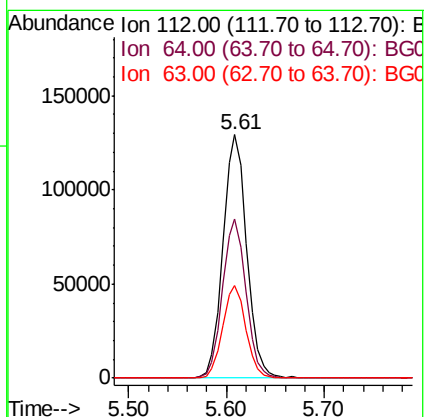
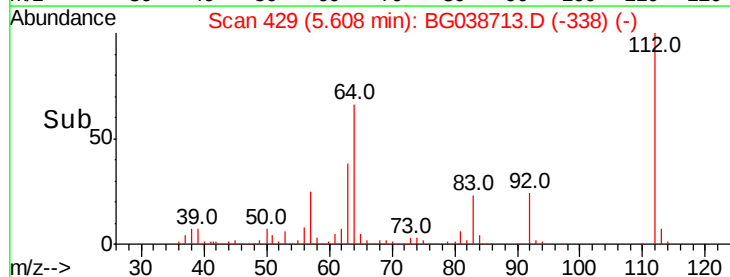
63 38.2 29.3 43.9

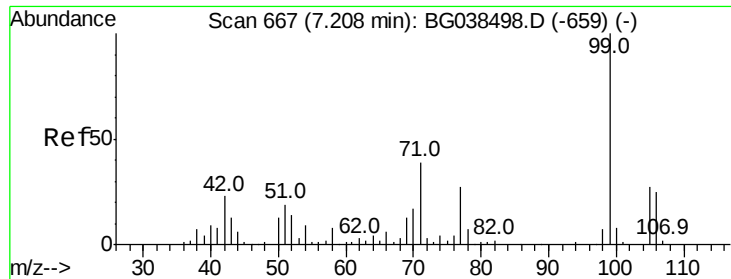


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.408 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038713.D

Acq: 19 Dec 2018 4:34

Instrument :

BNA_G

ClientSampleId :

TP-8-A

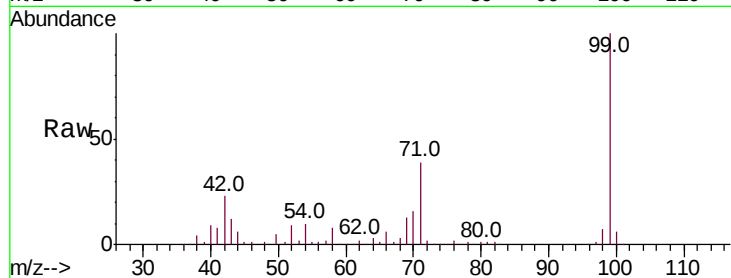
Tot Ion: 99 Resp: 263135

Ion Ratio Lower Upper

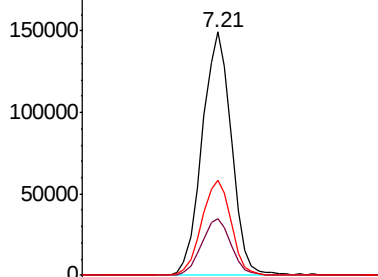
99 100

42 23.1 18.5 27.7

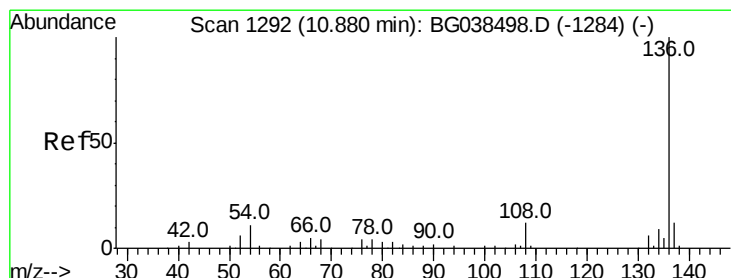
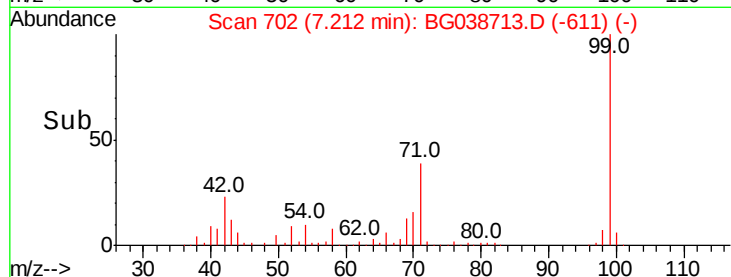
71 39.3 31.1 46.7



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



Time--> 7.10 7.15 7.20 7.25 7.30



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038713.D

Acq: 19 Dec 2018 4:34

Tgt Ion: 136 Resp: 111687

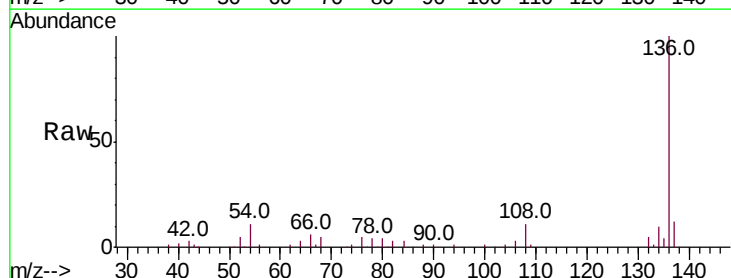
Ion Ratio Lower Upper

136 100

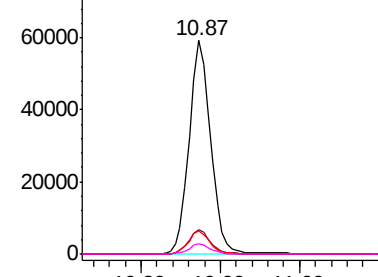
137 11.5 9.3 13.9

54 10.9 8.5 12.7

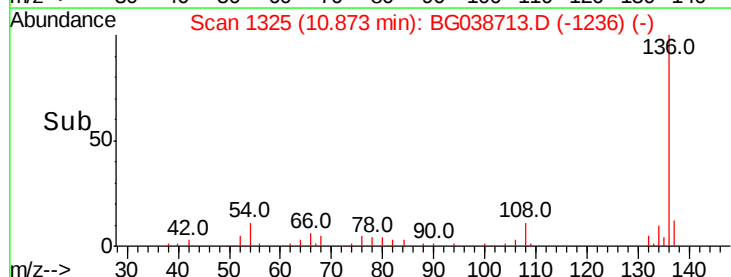
68 5.0 3.5 5.3

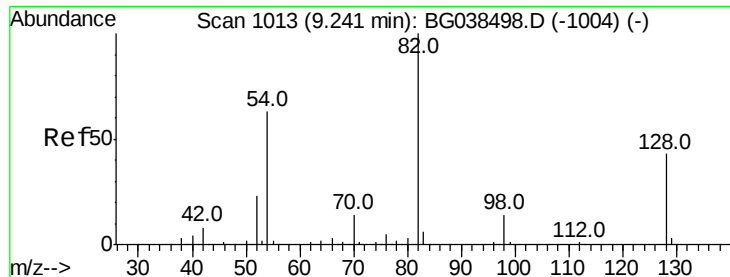


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90 11.00

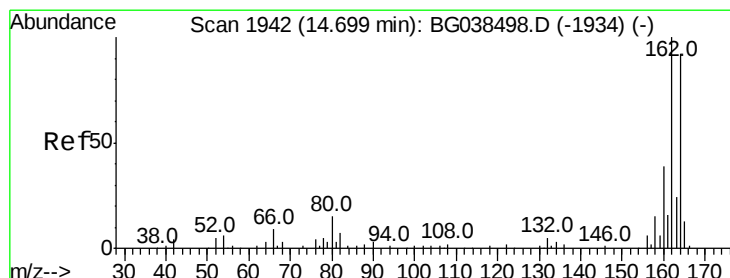
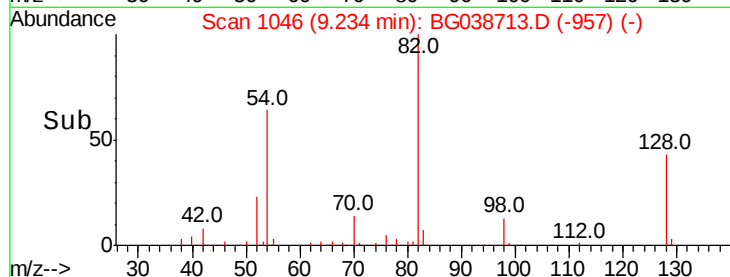
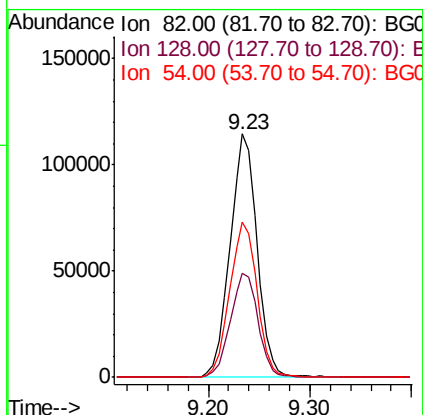
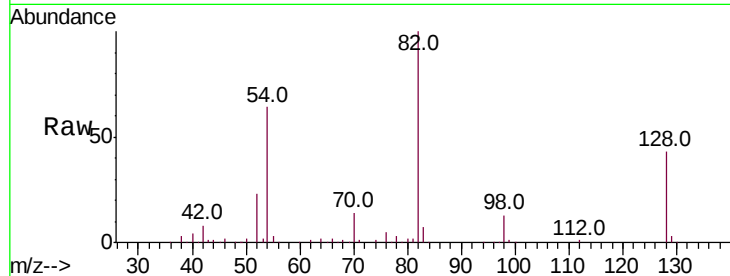




#23
Nitrobenzene-d5
Concen: 96.743 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038713.D
Acq: 19 Dec 2018 4:34

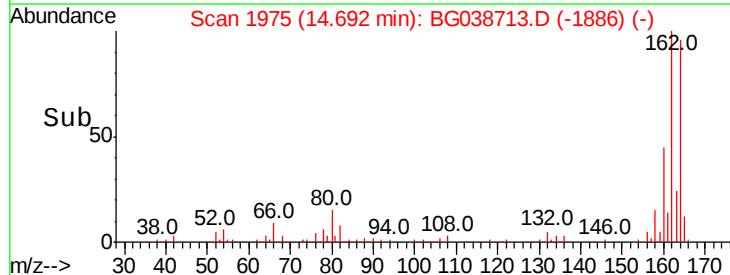
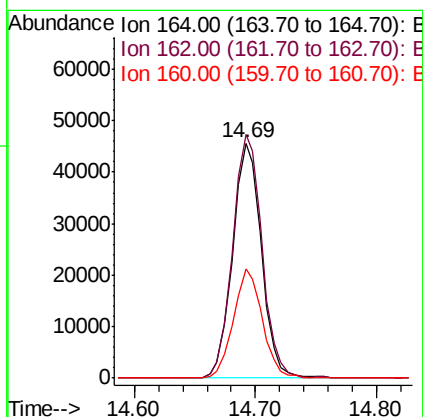
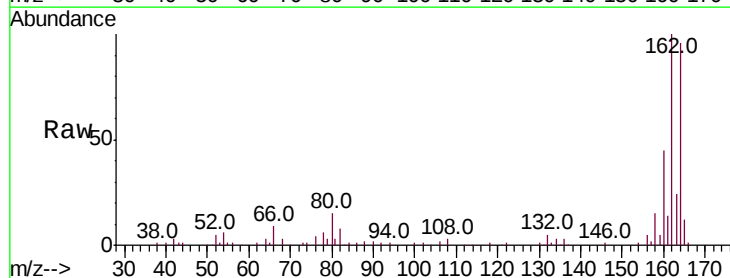
Instrument :
BNA_G
ClientSampleId :
TP-8-A

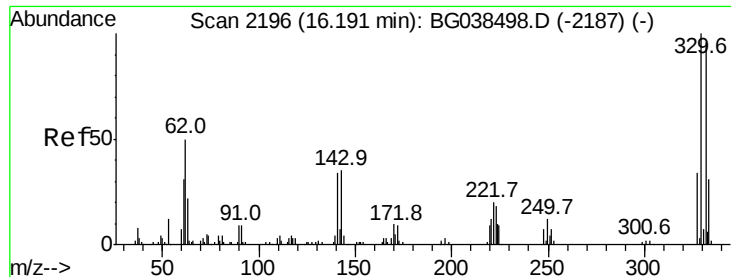
Tot Ion: 82 Resp: 211501
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 64.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038713.D
Acq: 19 Dec 2018 4:34

Tgt Ion:164 Resp: 75683
Ion Ratio Lower Upper
164 100
162 103.7 86.6 130.0
160 46.3 34.2 51.2

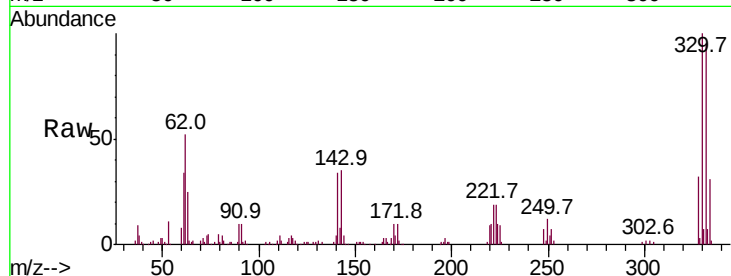




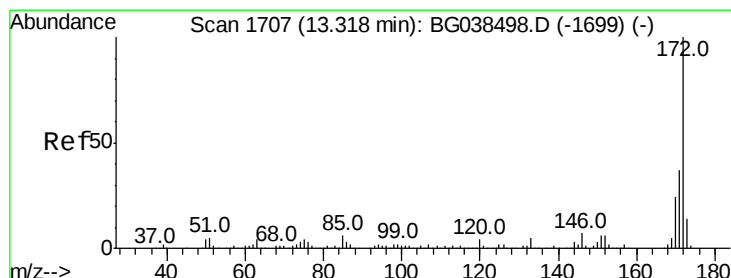
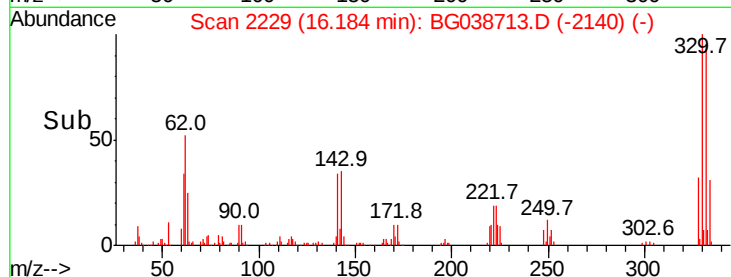
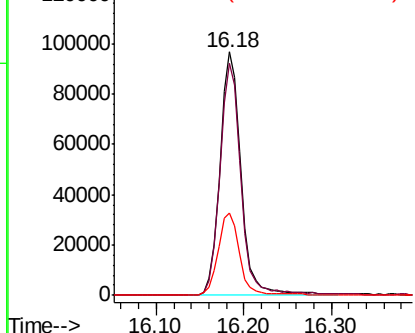
#42
 2,4,6-Tribromophenol
 Concen: 155.283 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038713.D
 Acq: 19 Dec 2018 4:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-A

Tot Ion:330 Resp: 161968
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 34.7 28.8 43.2

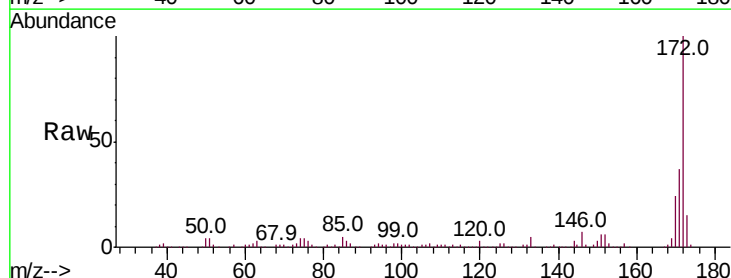


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

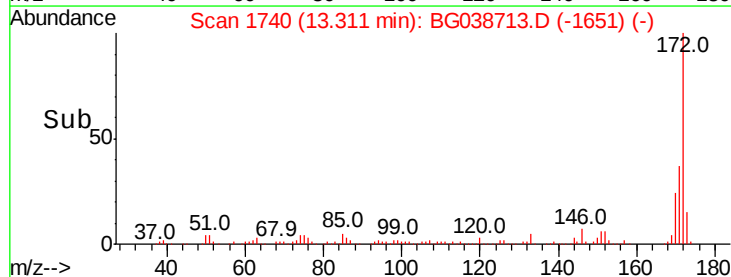
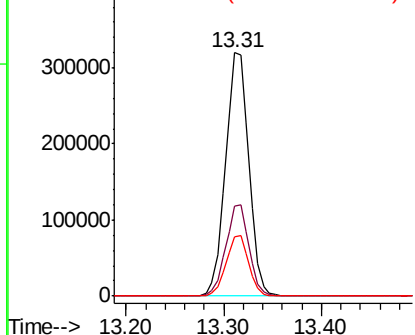


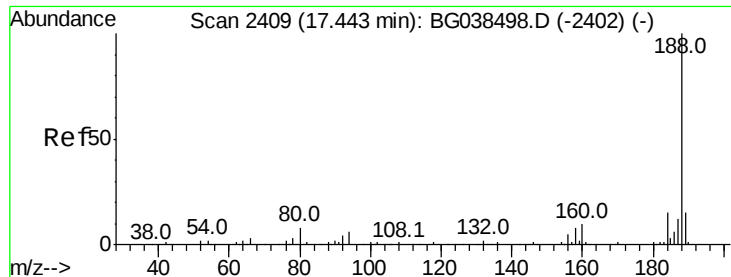
#45
 2-Fluorobiphenyl
 Concen: 95.835 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038713.D
 Acq: 19 Dec 2018 4:34

Tgt Ion:172 Resp: 528709
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 24.2 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

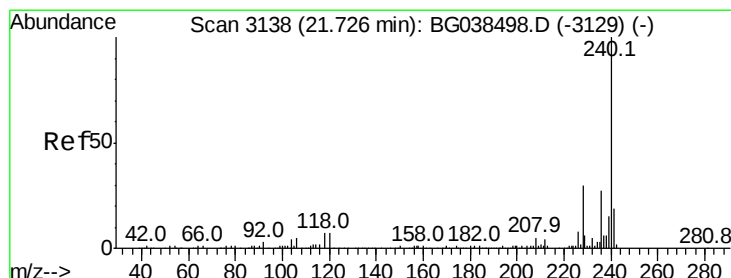
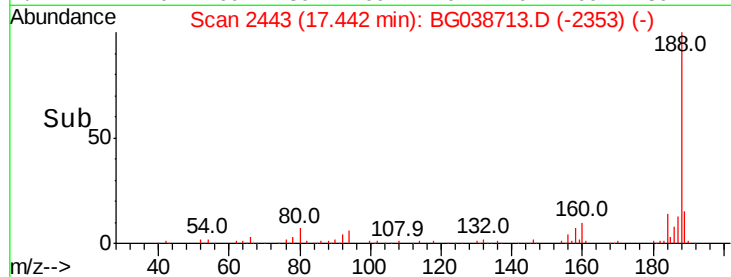
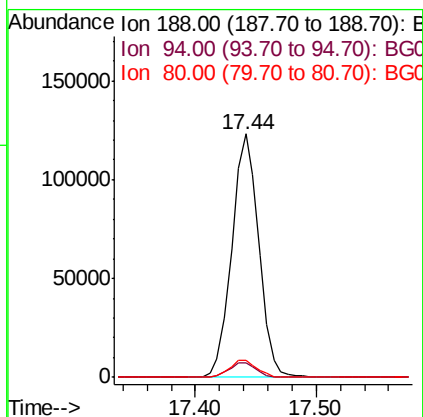
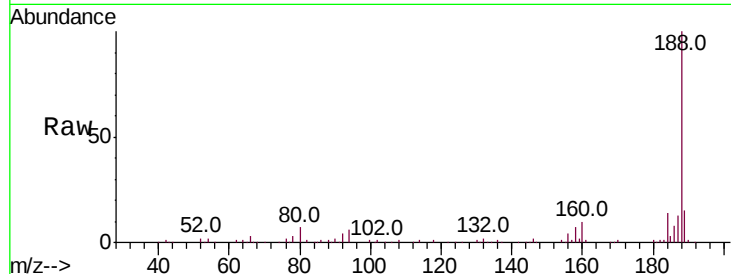




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038713.D
Acq: 19 Dec 2018 4:34

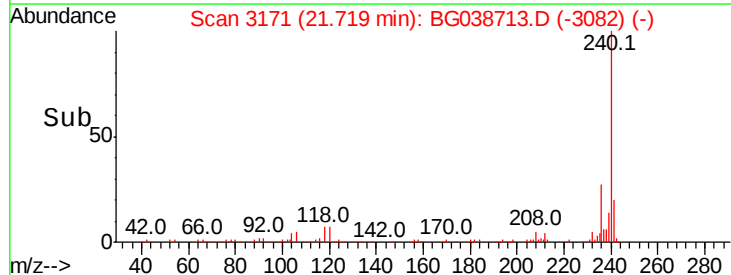
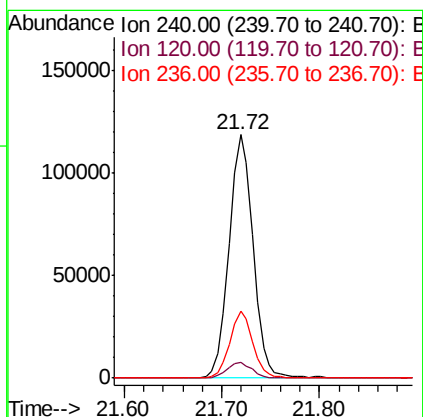
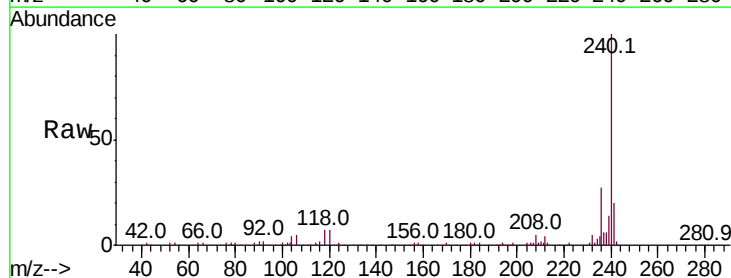
Instrument :
BNA_G
ClientSampleId :
TP-8-A

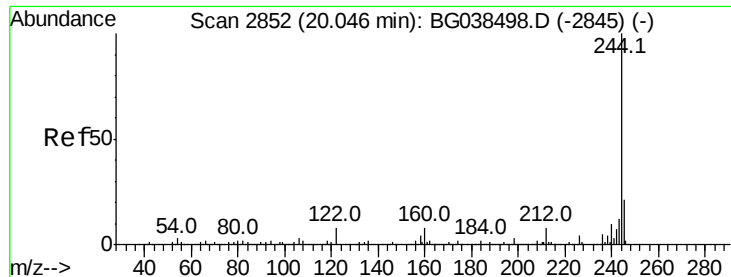
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.9	6.1	9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038713.D
Acq: 19 Dec 2018 4:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	27.3	21.4	32.2





#79

Terphenyl-d14

Concen: 108.340 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038713.D

Acq: 19 Dec 2018 4:34

Instrument :

BNA_G

ClientSampled :

TP-8-A

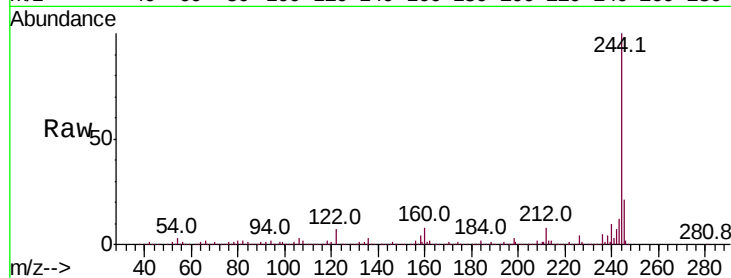
Tot Ion:244 Resp: 1012538

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

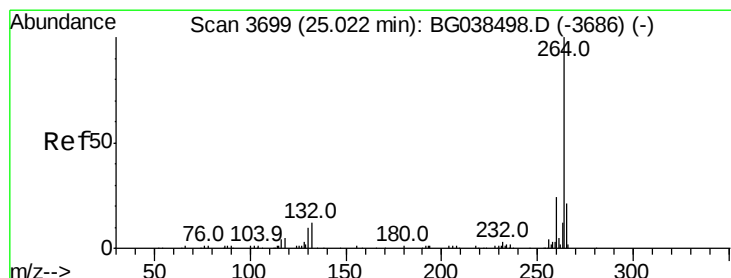
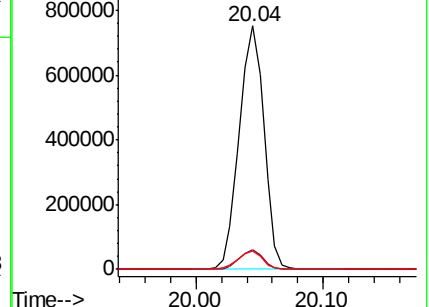
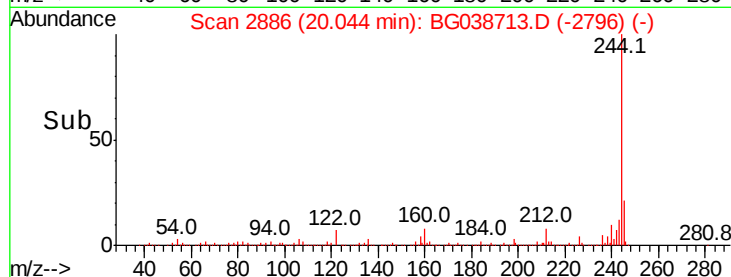
122 7.4 6.3 9.5



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: BG038713.D

Acq: 19 Dec 2018 4:34

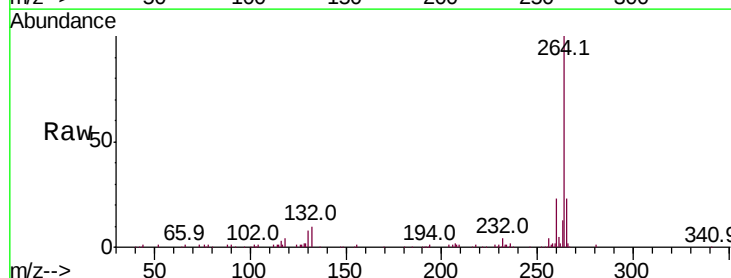
Tgt Ion:264 Resp: 207483

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 23.0 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

