

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038916.D
 Acq On : 3 Jan 2019 23:17
 Operator : JU/SJ
 Sample : K1017-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jan 04 04:48:09 2019
 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	8.04	152	26482	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	103222	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	76389	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	202996	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	202719	20.00	ng	-0.02
87) Perylene-d12	25.01	264	209871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	178398	119.48	ng	0.00
7) Phenol-d6	7.21	99	214317	104.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	174517	86.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	157621	149.72	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	473699	85.07	ng	-0.02
79) Terphenyl-d14	20.04	244	957131	102.75	ng	0.00

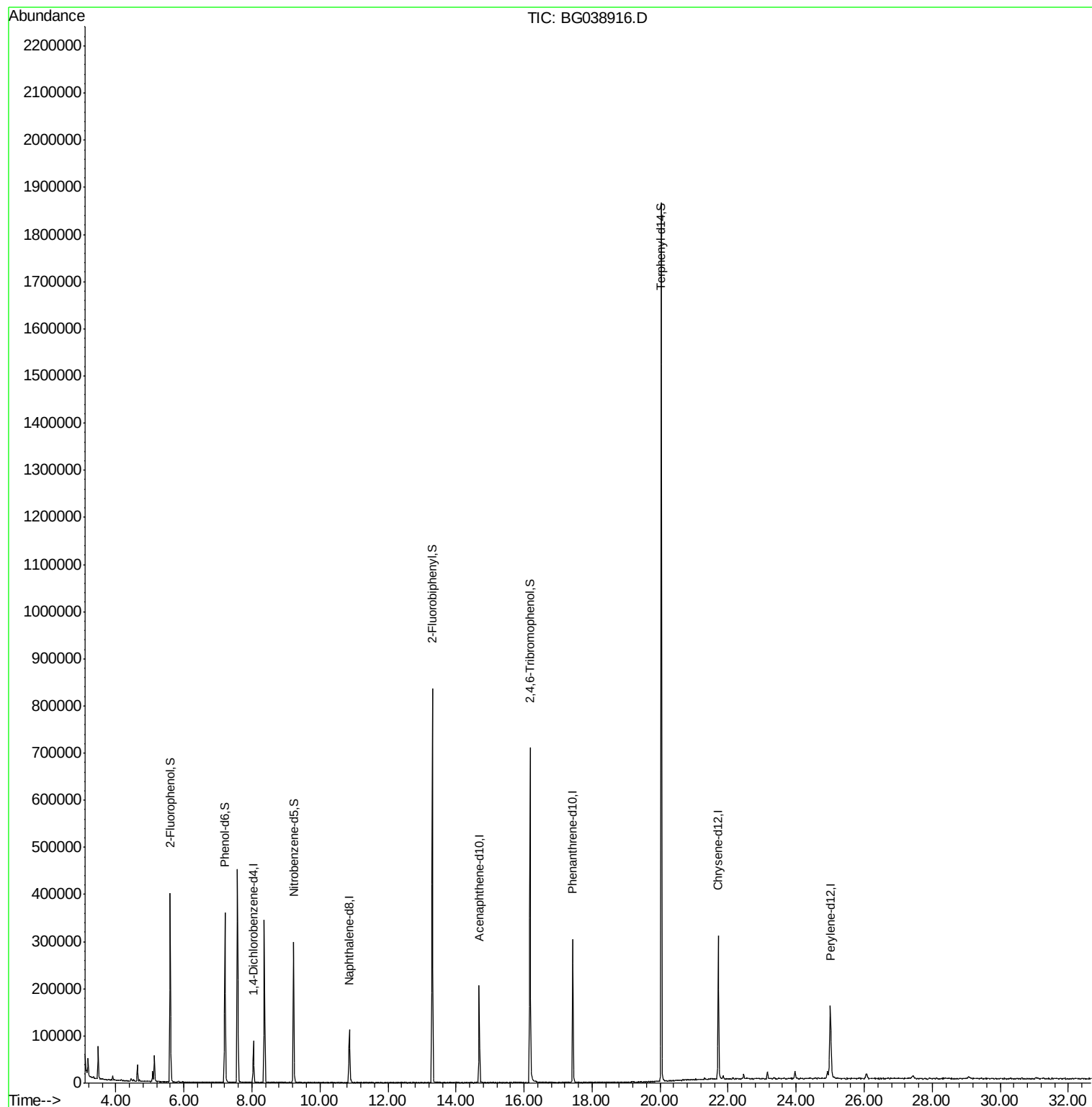
Target Compounds Qvalue

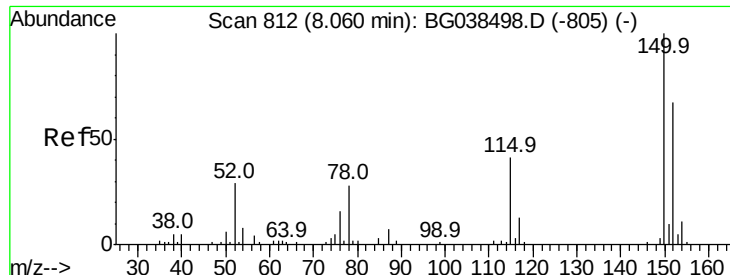
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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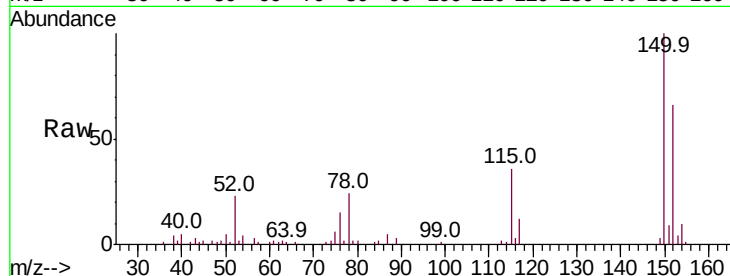


#1

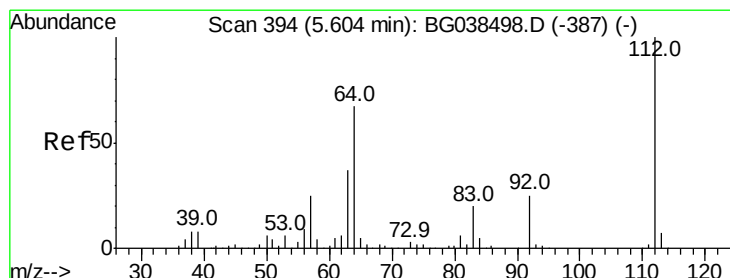
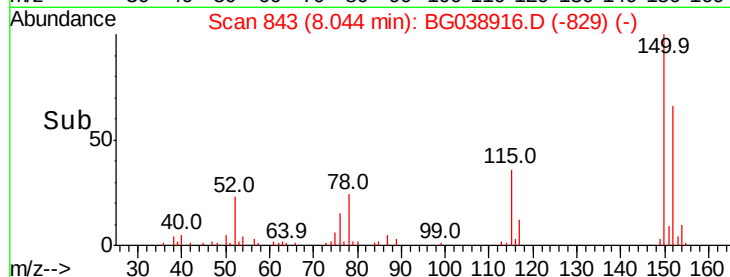
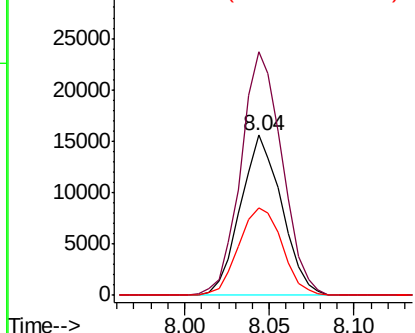
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 26482
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 54.4 49.6 74.4



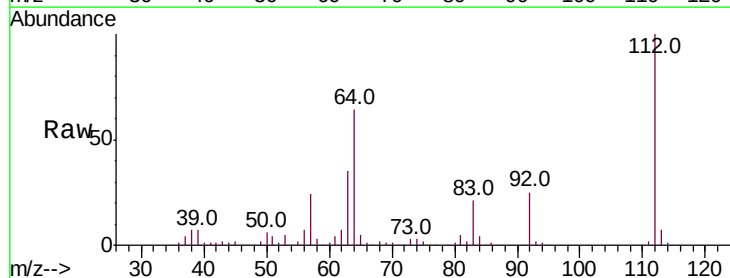
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



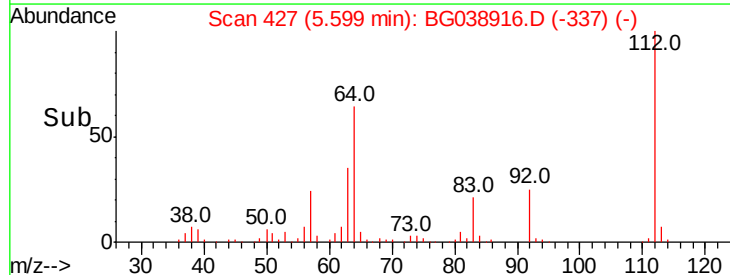
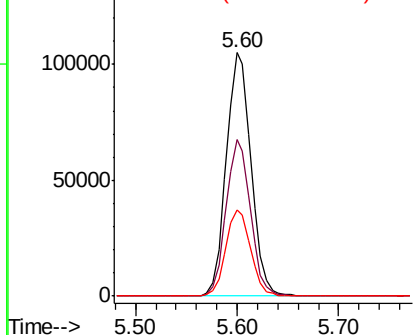
#5

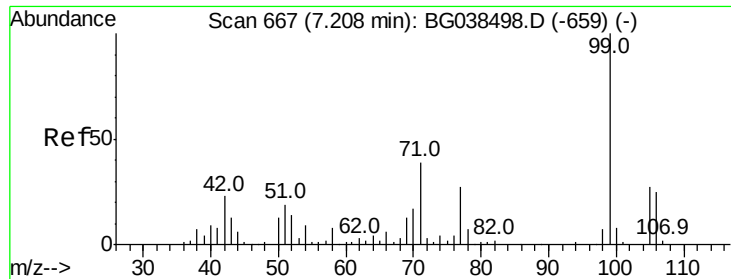
2-Fluorophenol
Concen: 119.483 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion:112 Resp: 178398
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 35.4 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: 104.560 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Instrument :

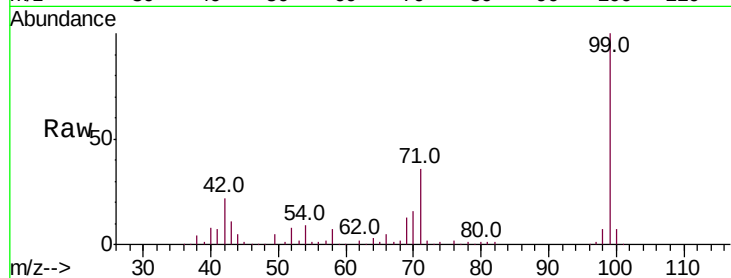
BNA_G

ClientSampleId :

TP-2

Tot Ion: 99 Resp: 214317

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	36.3	31.1	46.7

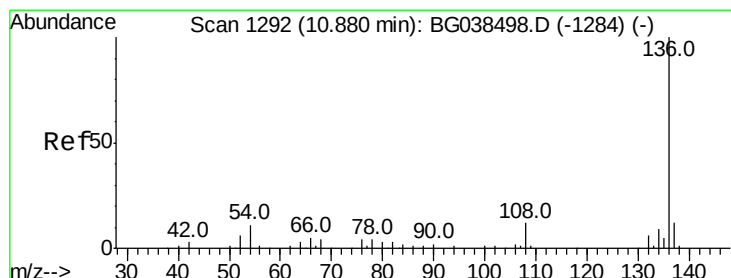
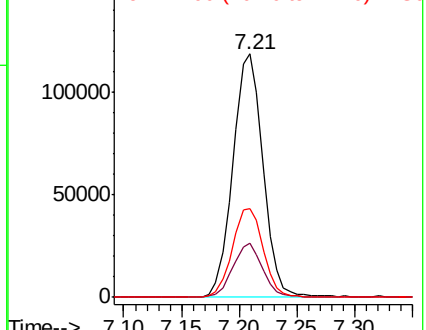
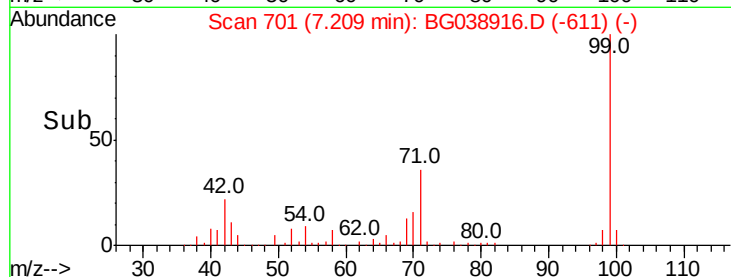


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

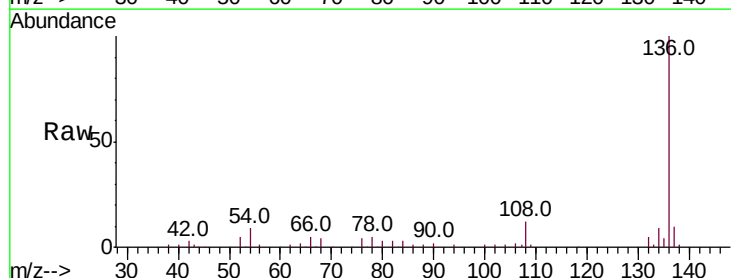
Delta R.T. -0.02 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Tgt Ion: 136 Resp: 103222

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.3	13.9
54	8.7	8.5	12.7
68	4.3	3.5	5.3



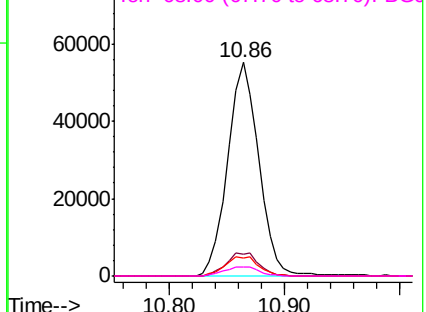
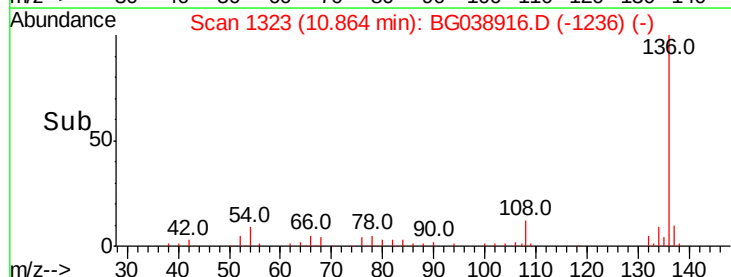
Abundance

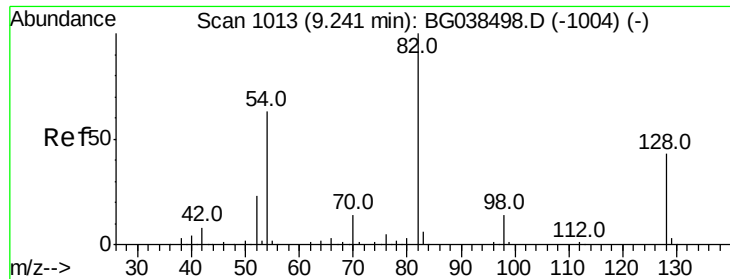
Ion 136.00 (135.70 to 136.70): BGC

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

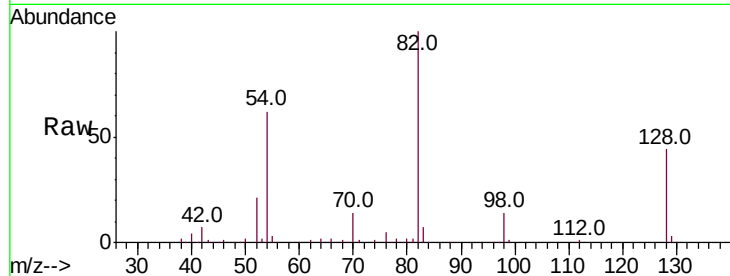




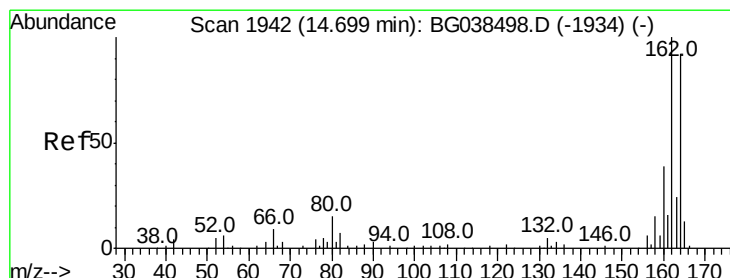
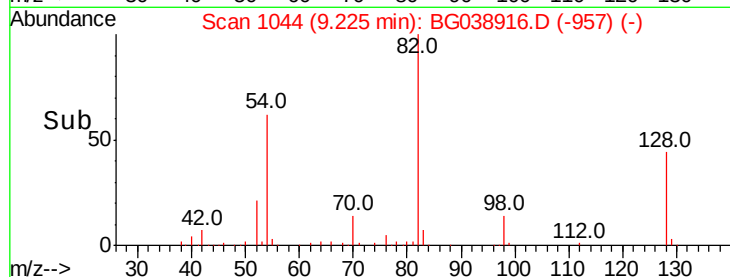
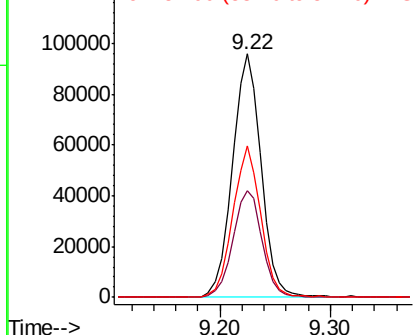
#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion: 82 Resp: 174517
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 62.0 50.6 76.0

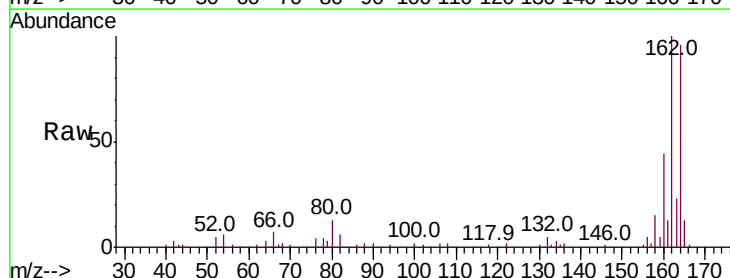


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

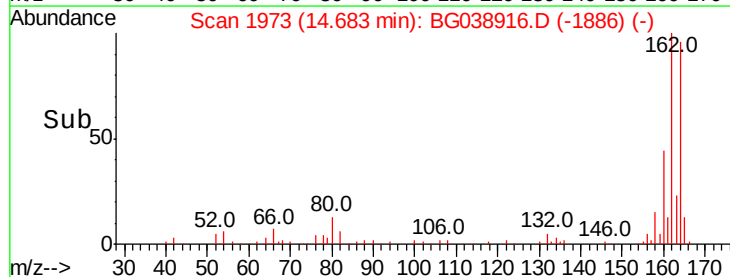
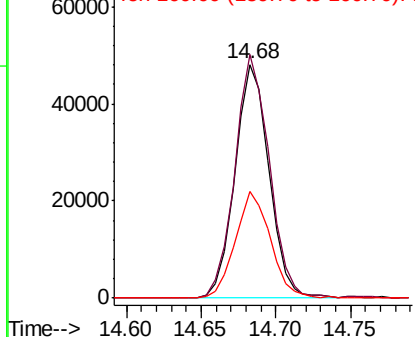


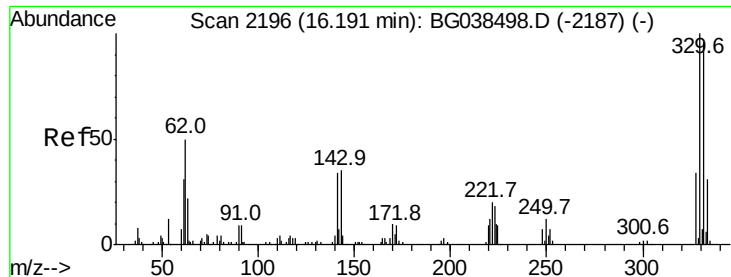
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion:164 Resp: 76389
Ion Ratio Lower Upper
164 100
162 104.1 86.6 130.0
160 45.8 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

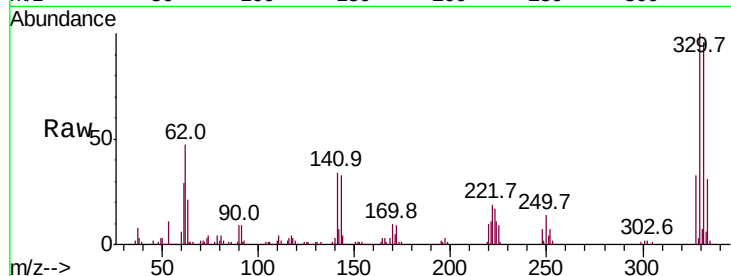




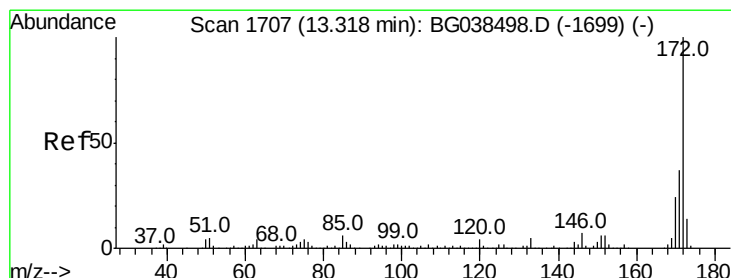
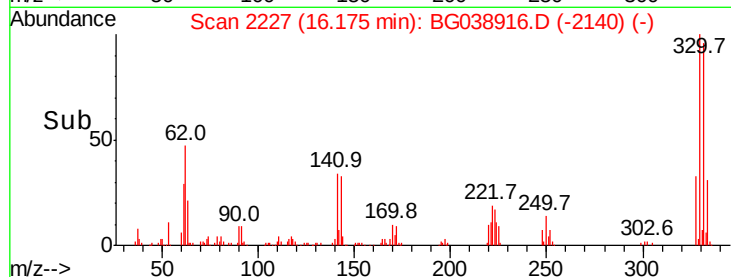
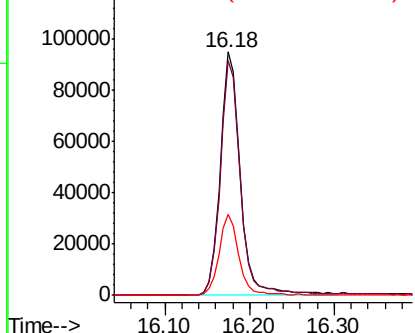
#42
 2,4,6-Tribromophenol
 Concen: 149.719 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 157621
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 32.9 28.8 43.2

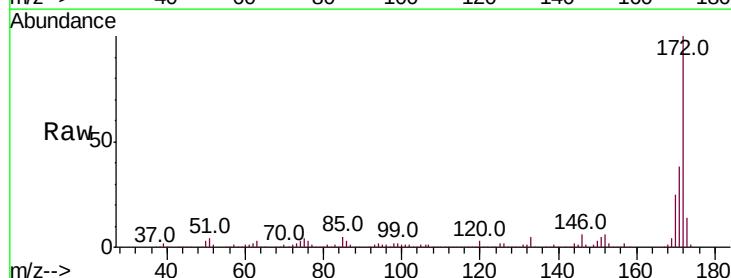


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

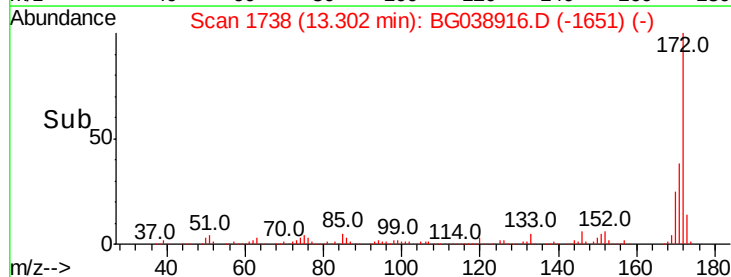
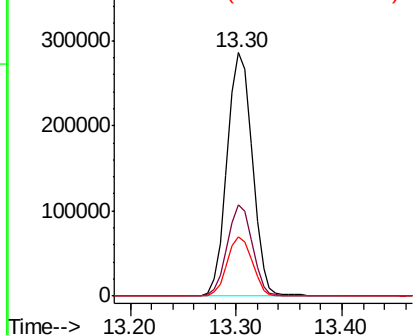


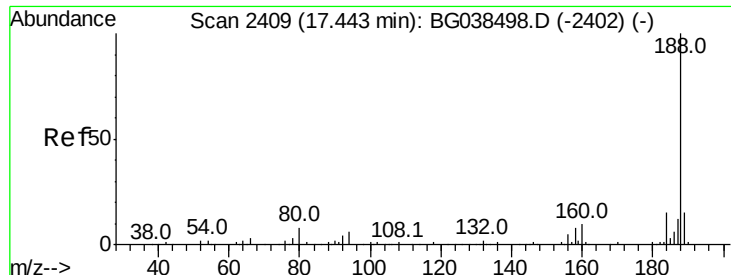
#45
 2-Fluorobiphenyl
 Concen: 85.070 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038916.D
 Acq: 3 Jan 2019 23:17

Tgt Ion:172 Resp: 473699
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.5 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

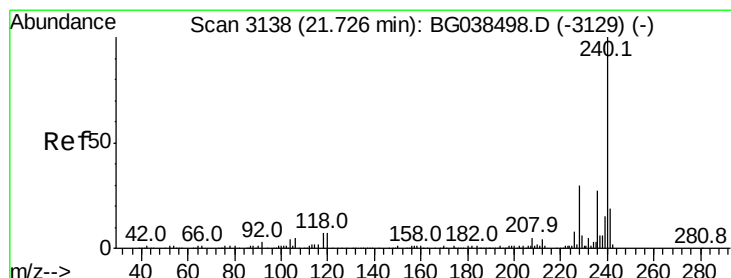
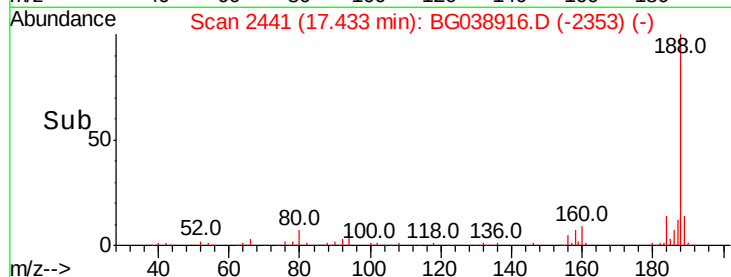
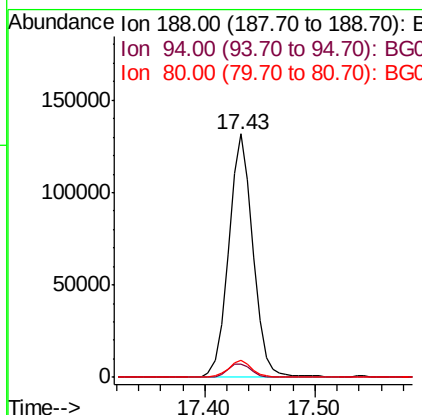
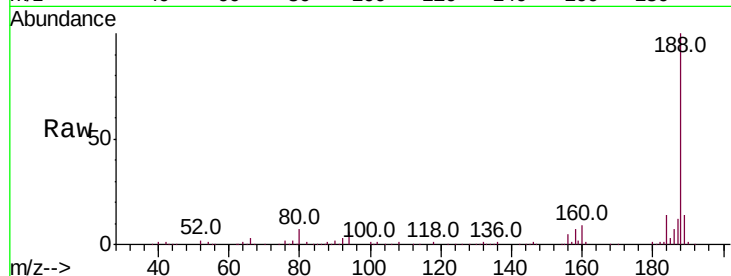




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

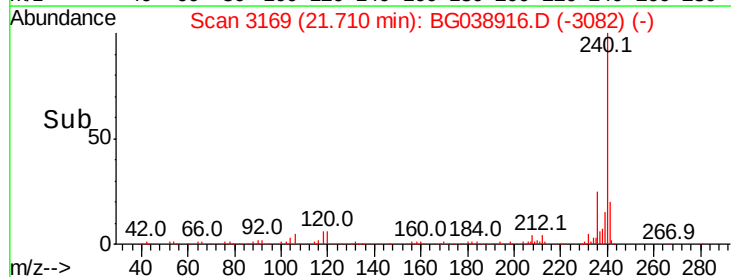
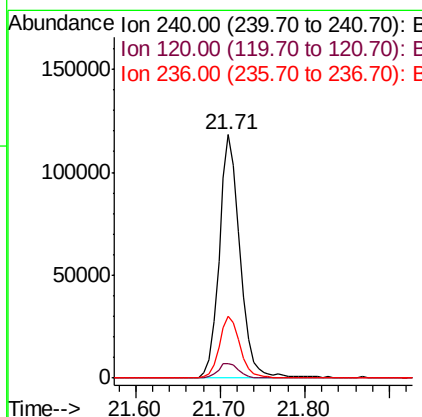
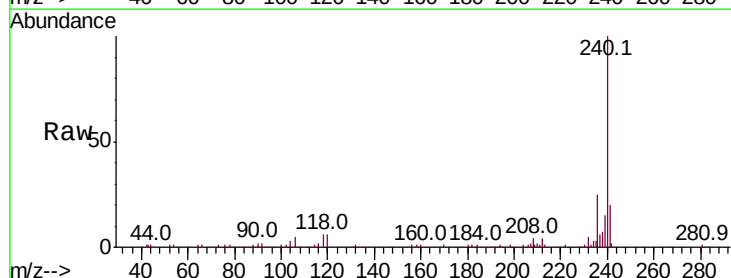
Instrument :
BNA_G
ClientSampleId :
TP-2

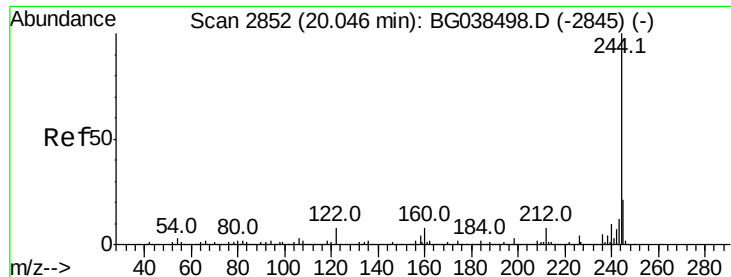
Tot Ion:188 Resp: 202996
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 7.1 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG038916.D
Acq: 3 Jan 2019 23:17

Tgt Ion:240 Resp: 202719
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.3 21.4 32.2





#79

Terphenyl-d14

Concen: 102.755 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

TP-2

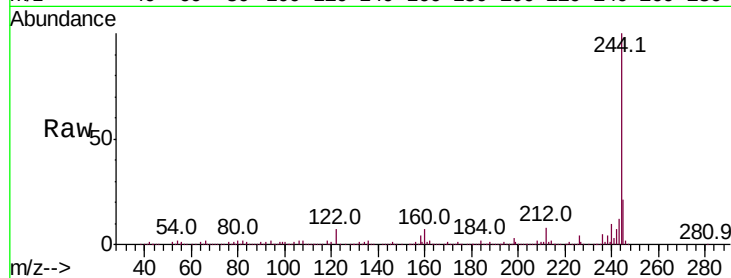
Tot Ion:244 Resp: 957131

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

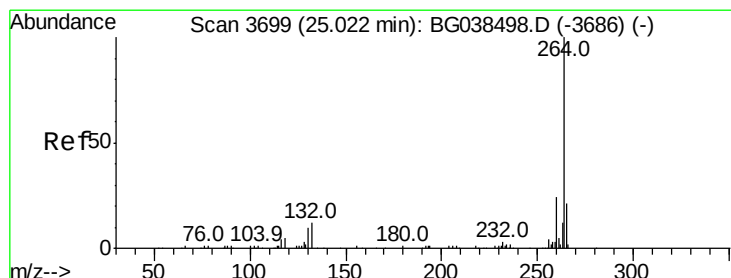
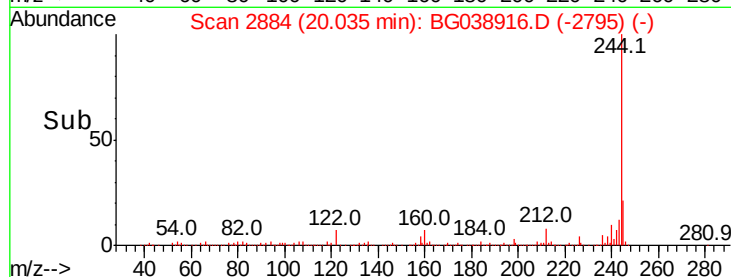
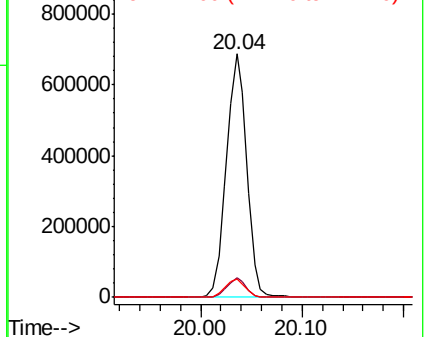
122 7.3 6.3 9.5



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# 3730

Delta R.T. -0.02 min

Lab File: BG038916.D

Acq: 3 Jan 2019 23:17

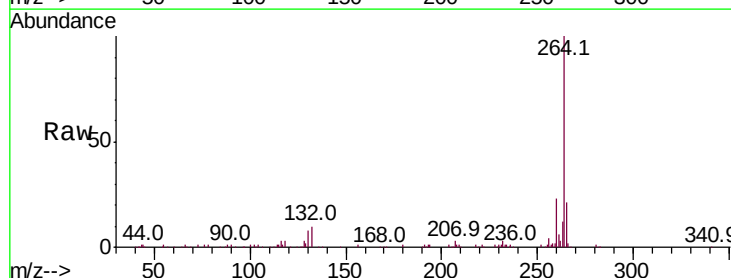
Tgt Ion:264 Resp: 209871

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.0 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

