

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038912.D
 Acq On : 3 Jan 2019 20:40
 Operator : JU/SJ
 Sample : K1002-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-C

Quant Time: Jan 04 04:42:40 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	8.05	152	27025	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	106605	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	79560	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	206889	20.00	ng	0.00
76) Chrysene-d12	21.71	240	206630	20.00	ng	-0.01
87) Perylene-d12	25.00	264	212949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	198980	130.59	ng	0.00
7) Phenol-d6	7.21	99	246473	117.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	185112	88.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	169375	154.47	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	499928	86.20	ng	-0.01
79) Terphenyl-d14	20.04	244	1012651	106.66	ng	0.00

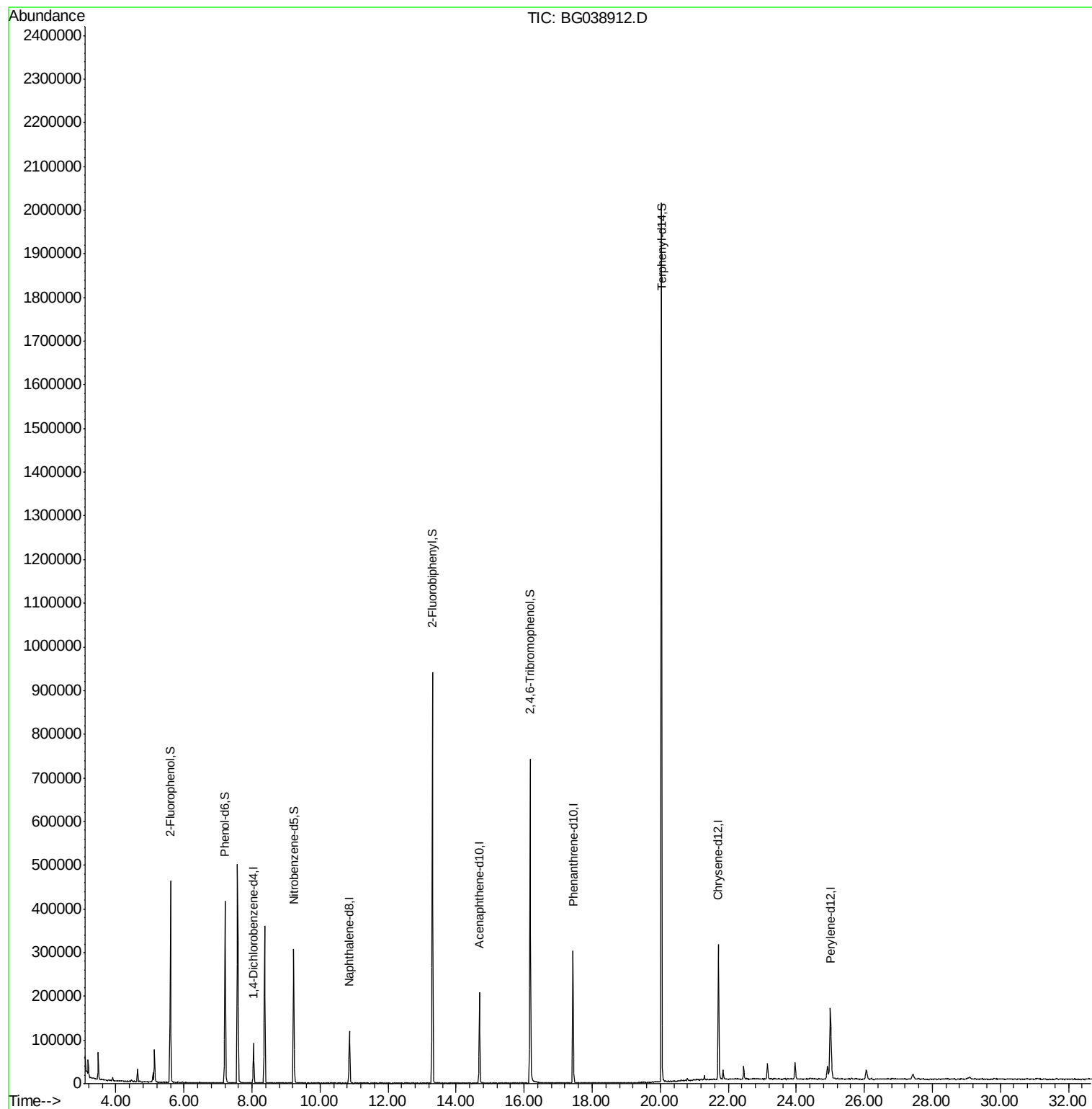
Target Compounds Qvalue

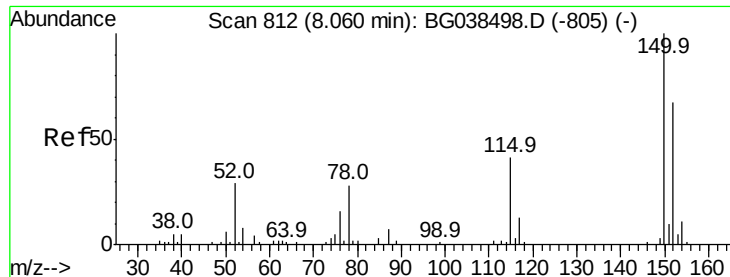
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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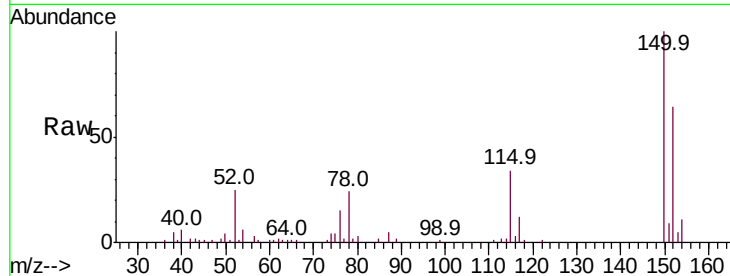


#1

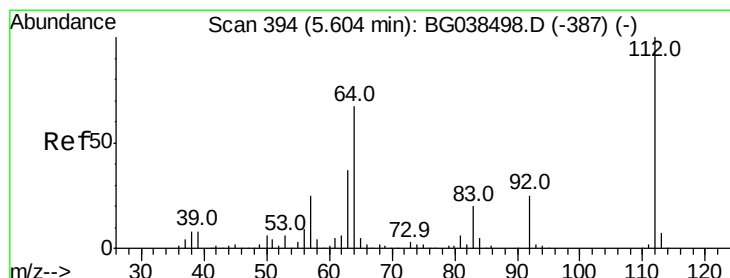
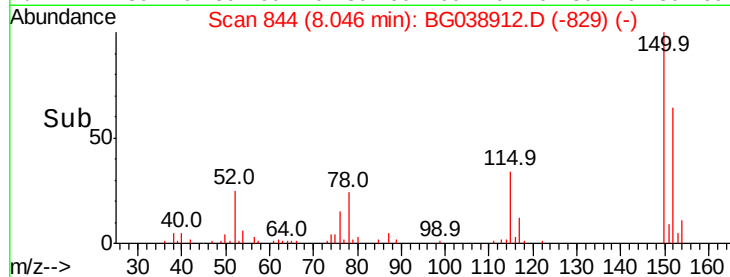
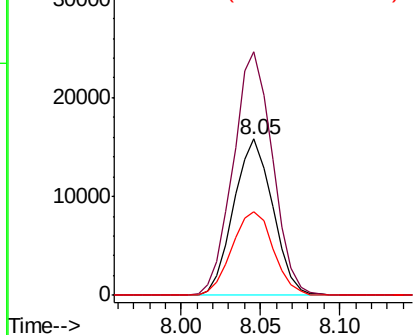
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-C

Tot Ion:152 Resp: 27025
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 53.1 49.6 74.4



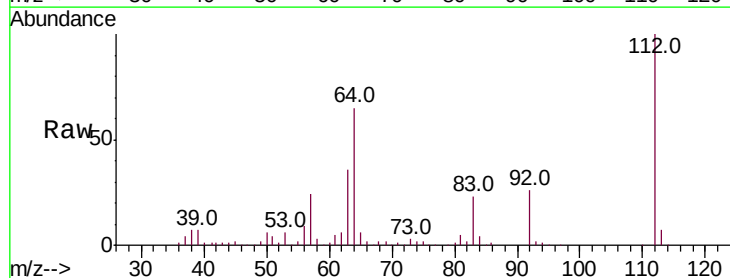
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



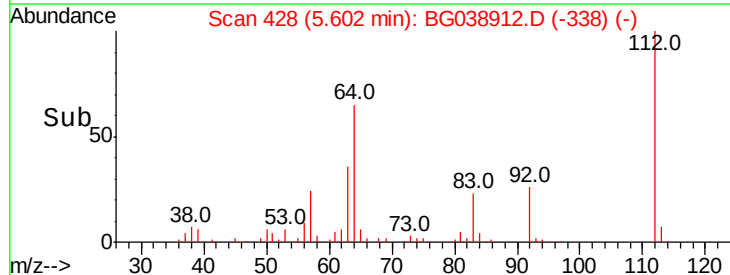
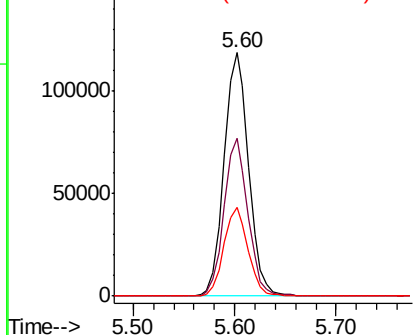
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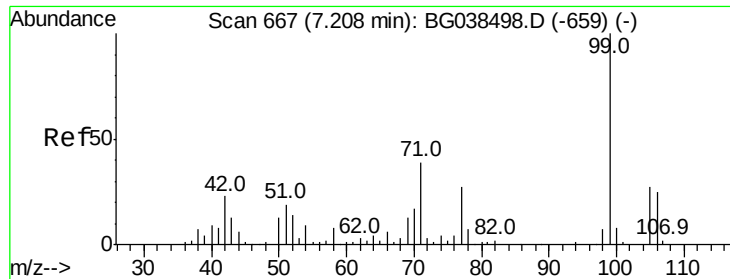
2-Fluorophenol
Concen: 130.591 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

Tgt Ion:112 Resp: 198980
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 36.4 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: 117.832 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038912.D

Acq: 3 Jan 2019 20:40

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-C

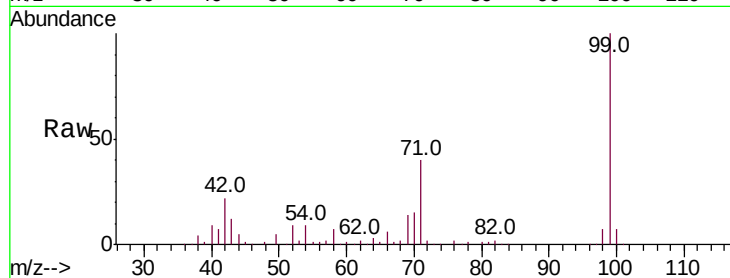
Tot Ion: 99 Resp: 246473

Ion Ratio Lower Upper

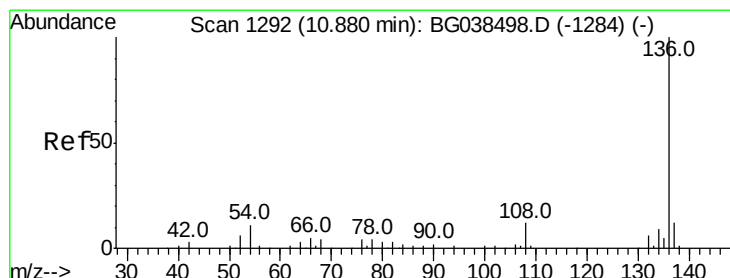
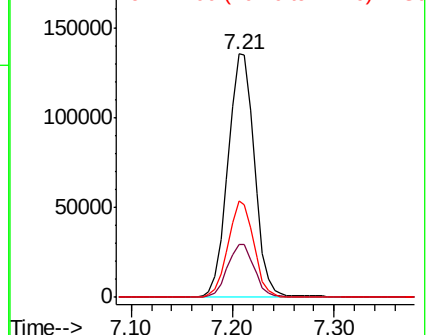
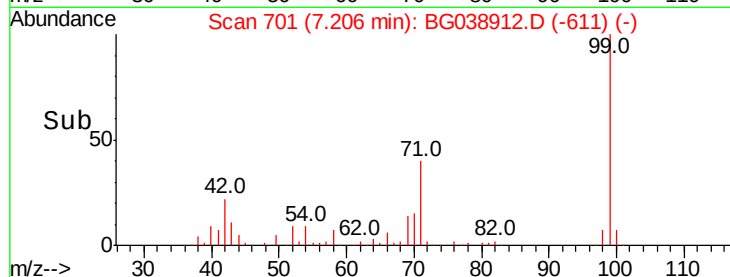
99 100

42 21.7 18.5 27.7

71 39.5 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: BG038912.D

Acq: 3 Jan 2019 20:40

Tgt Ion: 136 Resp: 106605

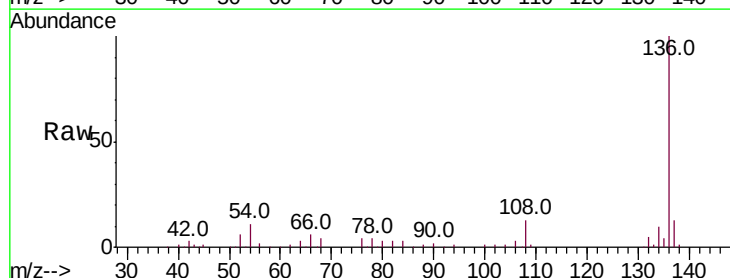
Ion Ratio Lower Upper

136 100

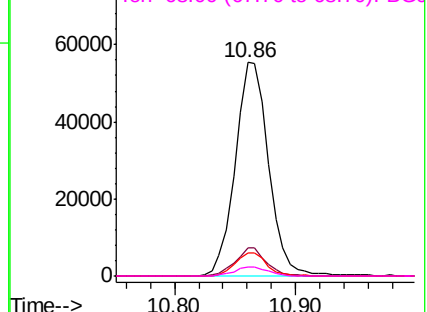
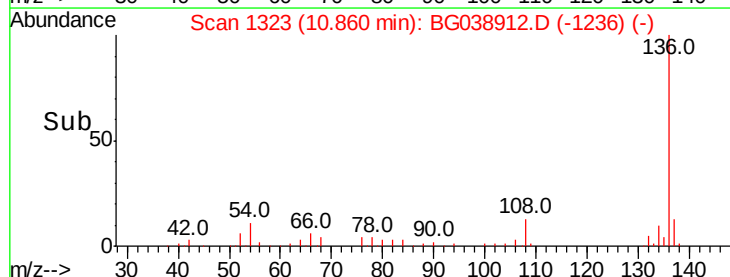
137 13.2 9.3 13.9

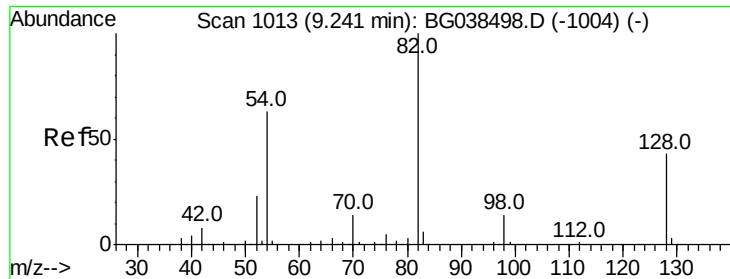
54 10.8 8.5 12.7

68 4.4 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

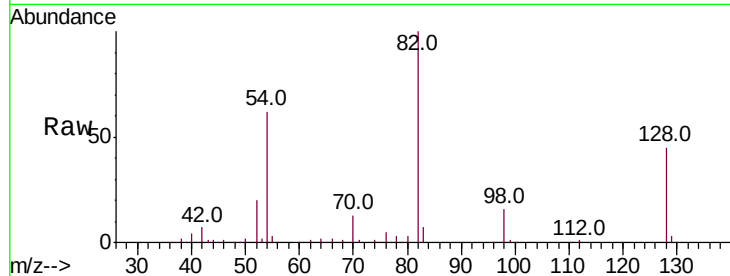




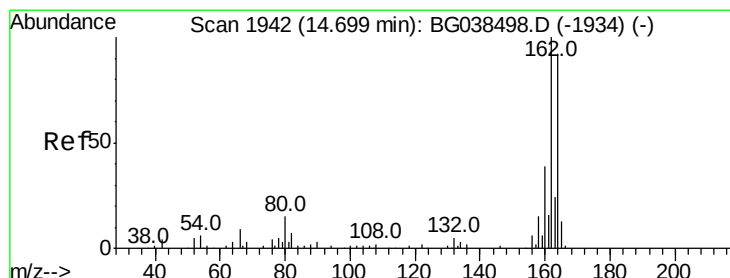
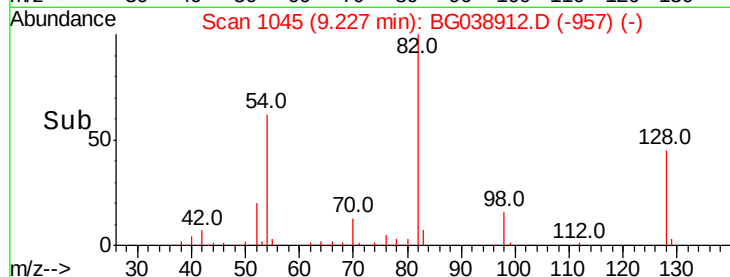
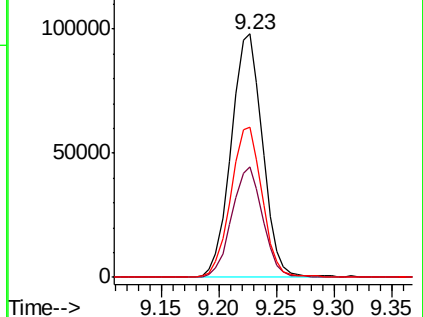
#23
Nitrobenzene-d5
Concen: 88.709 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-C

Tot Ion: 82 Resp: 185112
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 61.7 50.6 76.0

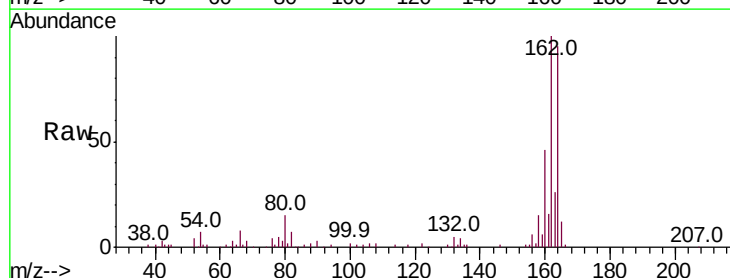


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

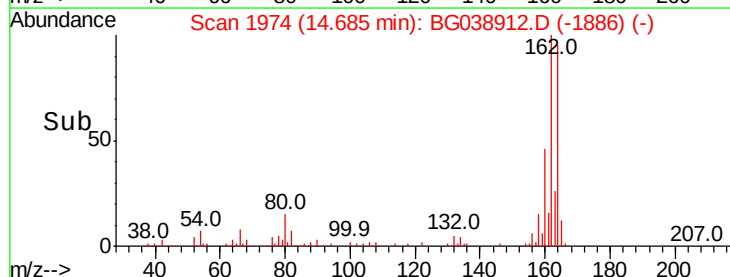
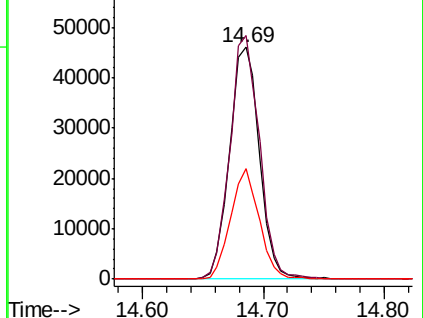


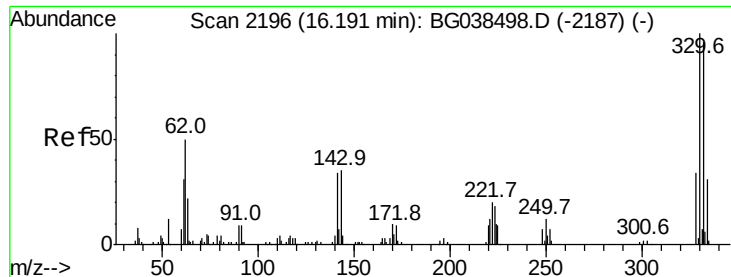
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

Tgt Ion:164 Resp: 79560
Ion Ratio Lower Upper
164 100
162 105.0 86.6 130.0
160 47.9 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

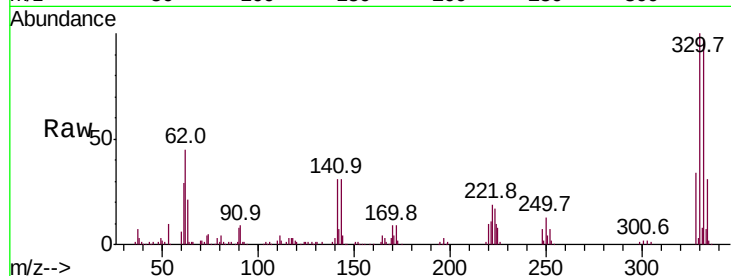




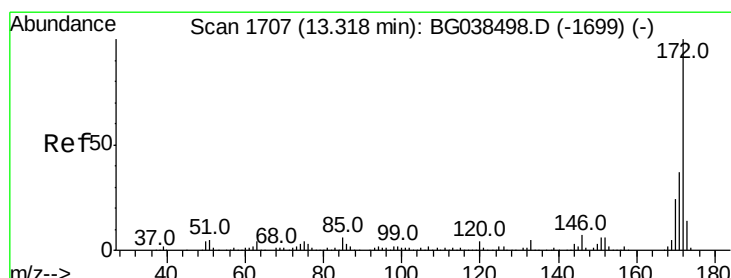
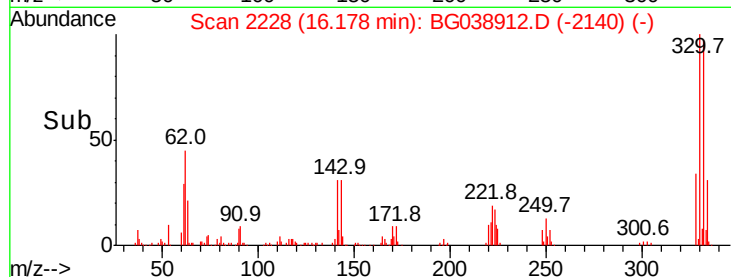
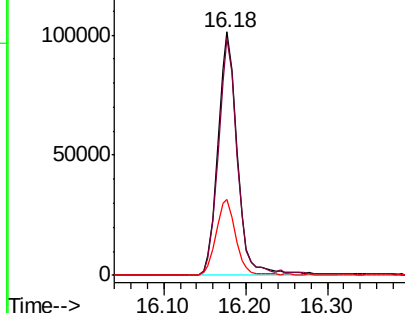
#42
 2,4,6-Tribromophenol
 Concen: 154.472 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038912.D
 Acq: 3 Jan 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.9	115.3
141	31.0	28.8	43.2

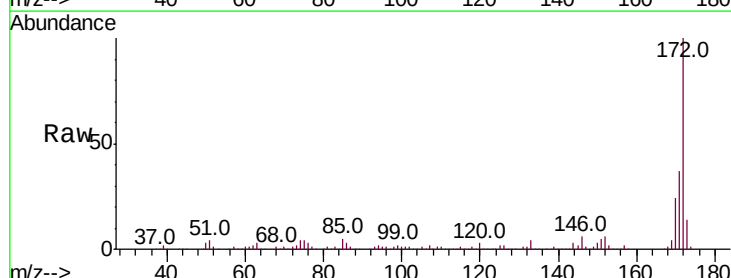


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

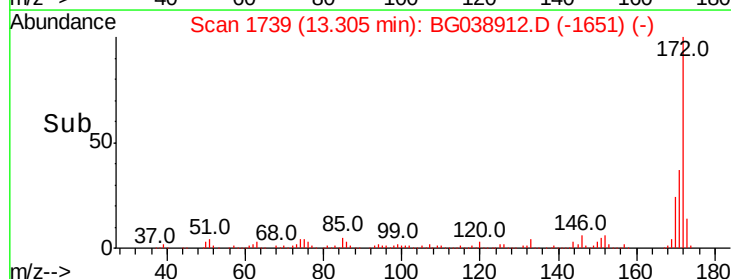
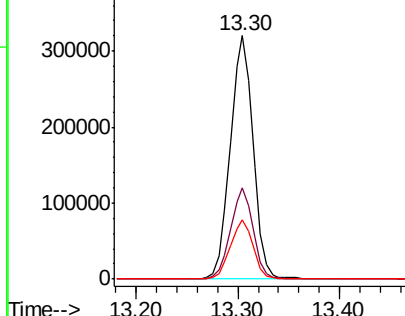


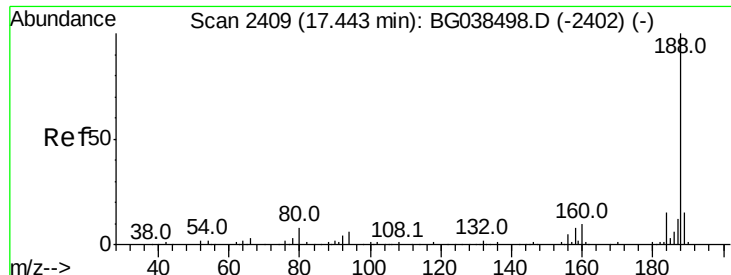
#45
 2-Fluorobiphenyl
 Concen: 86.202 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038912.D
 Acq: 3 Jan 2019 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.4	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

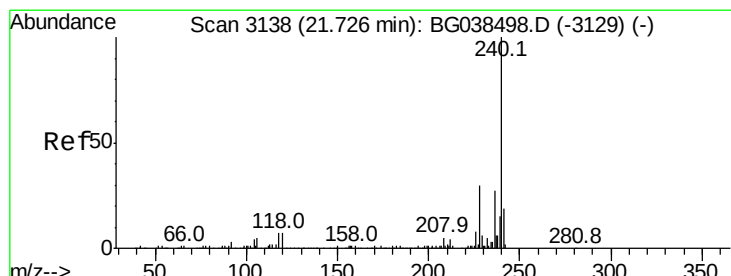
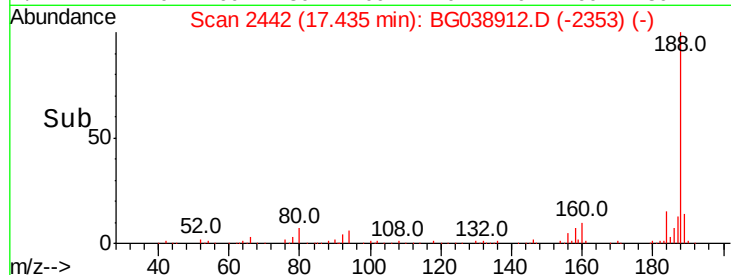
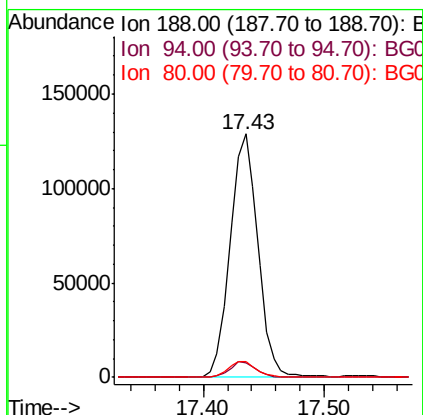
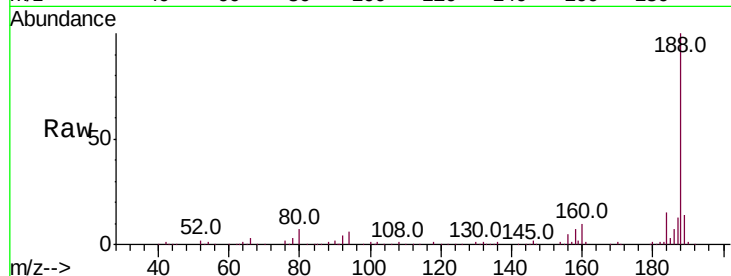




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

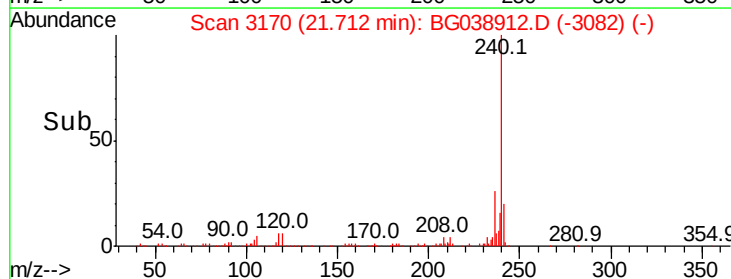
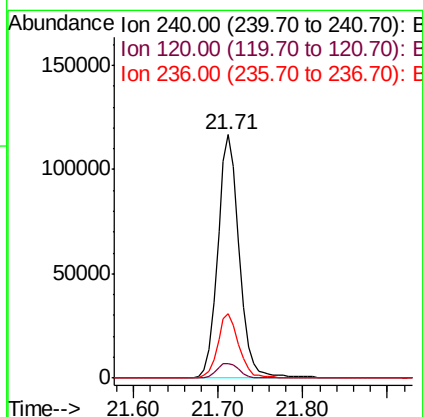
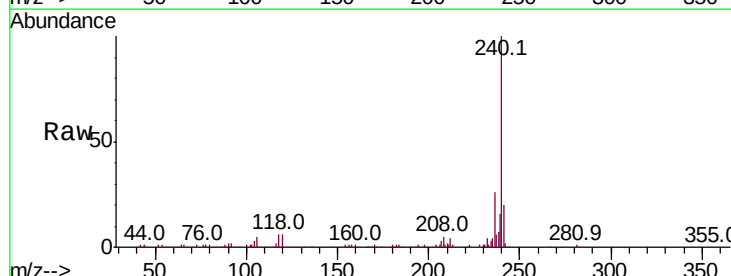
Instrument :
BNA_G
ClientSampleId :
AU-05-010219-C

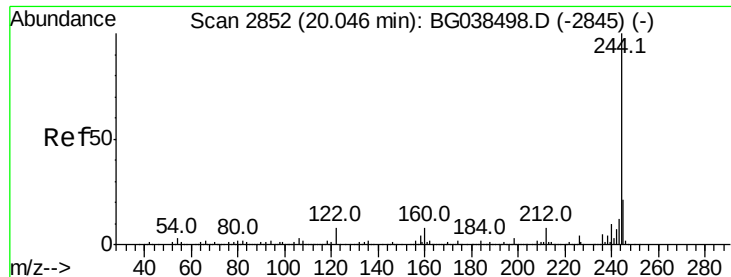
Tot Ion:188 Resp: 206889
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.5 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038912.D
Acq: 3 Jan 2019 20:40

Tgt Ion:240 Resp: 206630
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 26.3 21.4 32.2





#79

Terphenyl-d14

Concen: 106.658 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038912.D

Acq: 3 Jan 2019 20:40

Instrument :

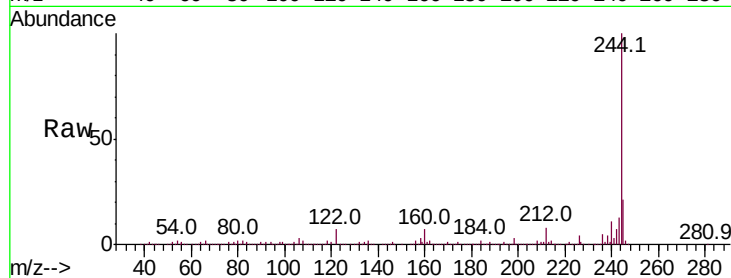
BNA_G

ClientSampleId :

AU-05-010219-C

Tot Ion:244 Resp: 1012651

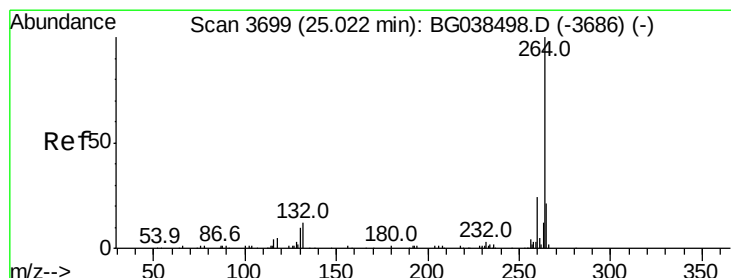
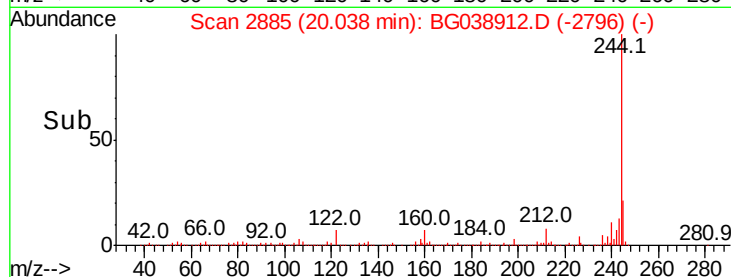
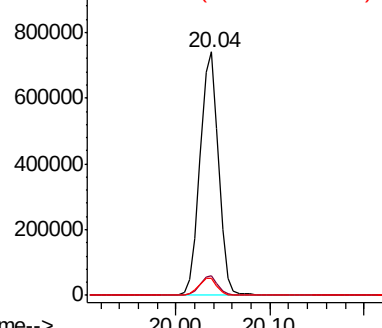
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.0	6.3	9.5



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: 25.00 min Scan# 3730

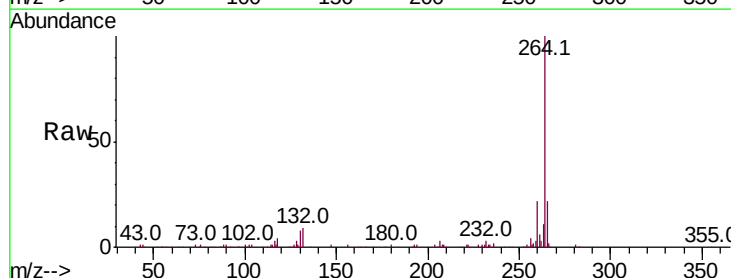
Delta R.T. -0.02 min

Lab File: BG038912.D

Acq: 3 Jan 2019 20:40

Tgt Ion:264 Resp: 212949

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.7	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

