

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038820.D
 Acq On : 22 Dec 2018 16:34
 Operator : JU/SJ
 Sample : J6482-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91468-OS-01

Quant Time: Dec 24 04:21:33 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	29454	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	120798	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	84136	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187694	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190398	20.00	ng	0.00
87) Perylene-d12	25.03	264	203273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	227277	136.86	ng	0.01
7) Phenol-d6	7.22	99	293178	128.60	ng	0.01
23) Nitrobenzene-d5	9.24	82	225900	95.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	183040	157.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	605510	98.73	ng	0.00
79) Terphenyl-d14	20.04	244	986045	112.71	ng	0.00

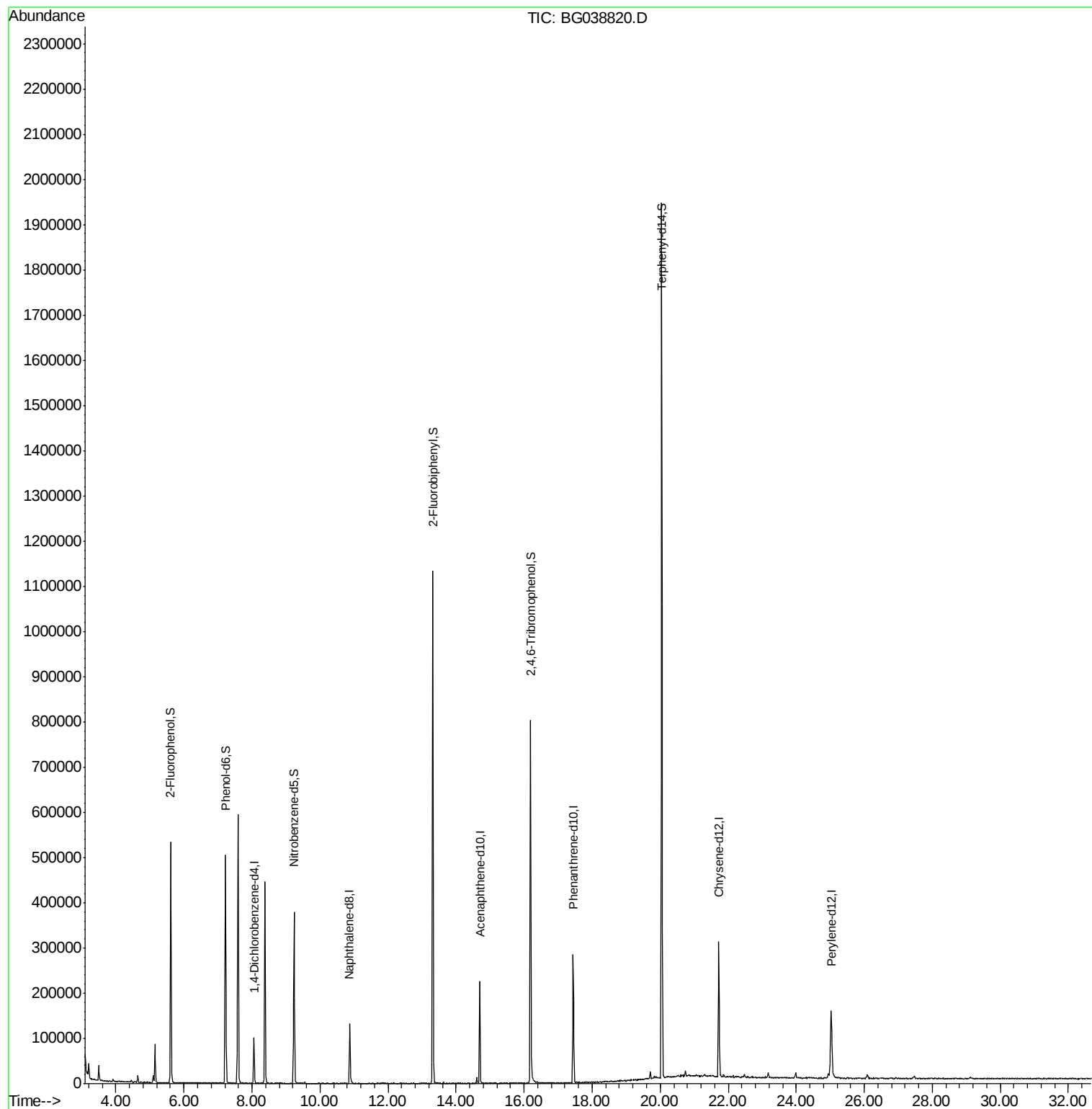
Target Compounds Qvalue

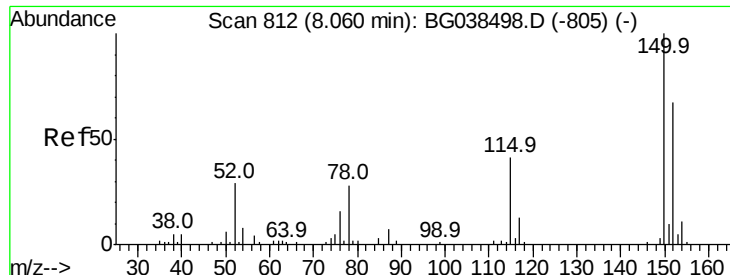
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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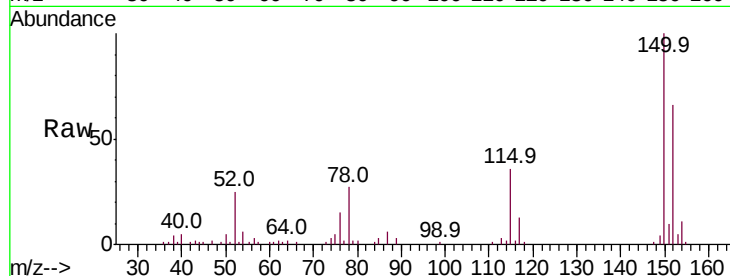


#1

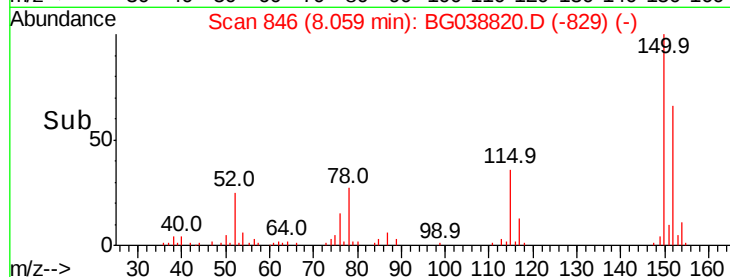
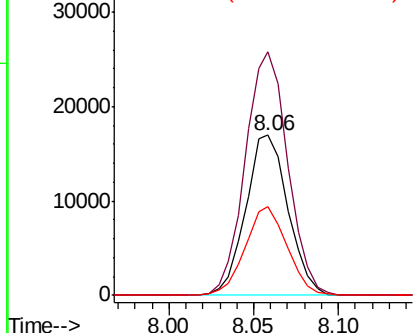
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038820.D
Acq: 22 Dec 2018 16:34

Instrument :
BNA_G
ClientSampleId :
DPC-91468-OS-01

Tot Ion:152 Resp: 29454
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 55.3 49.6 74.4



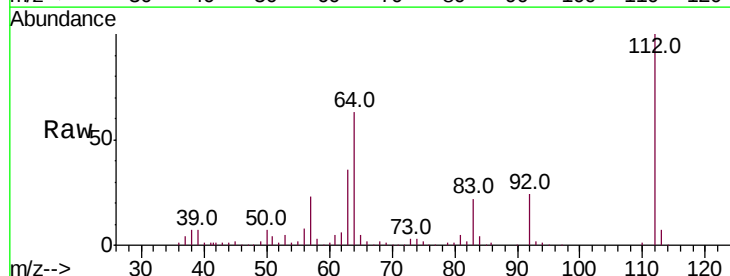
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



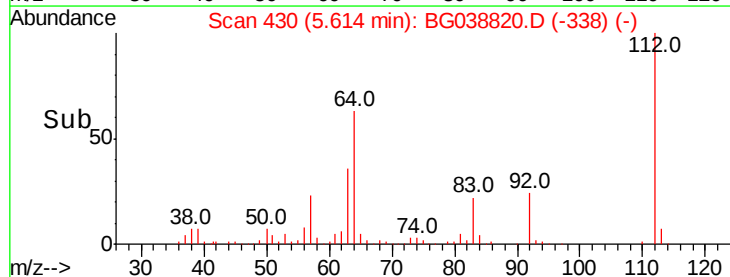
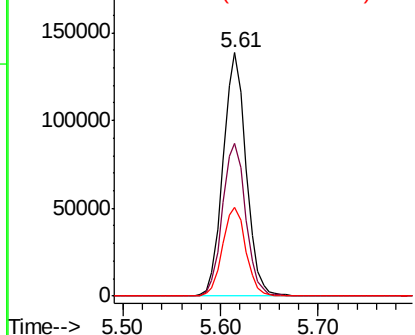
#5

2-Fluorophenol
Concen: 136.861 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038820.D
Acq: 22 Dec 2018 16:34

Tgt Ion:112 Resp: 227277
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 36.2 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: 128.602 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038820.D

Acq: 22 Dec 2018 16:34

Instrument :

BNA_G

ClientSampleId :

DPC-91468-OS-01

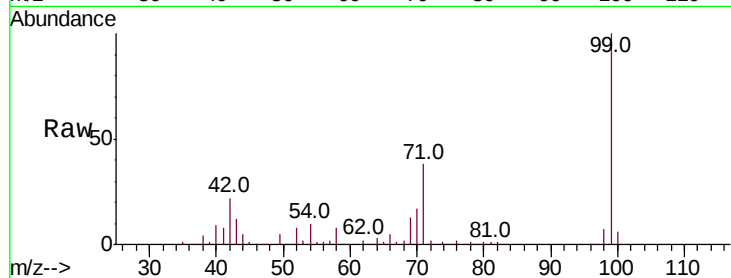
Tot Ion: 99 Resp: 293178

Ion Ratio Lower Upper

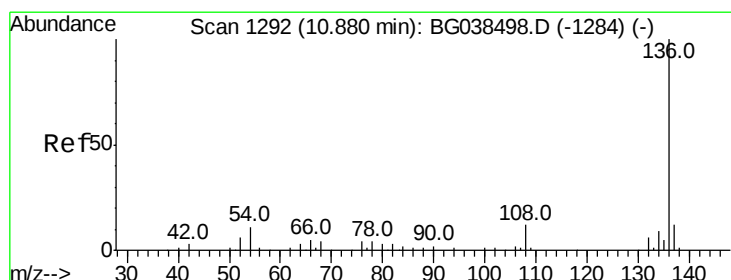
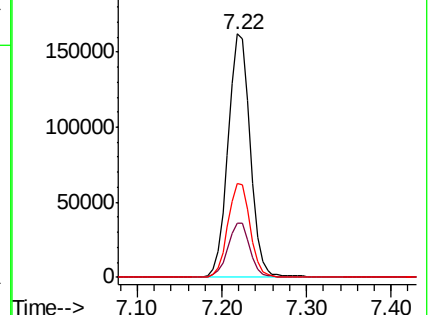
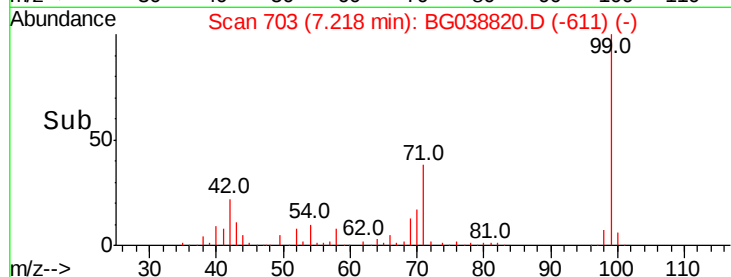
99 100

42 22.3 18.5 27.7

71 38.4 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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038820.D

Acq: 22 Dec 2018 16:34

Tgt Ion: 136 Resp: 120798

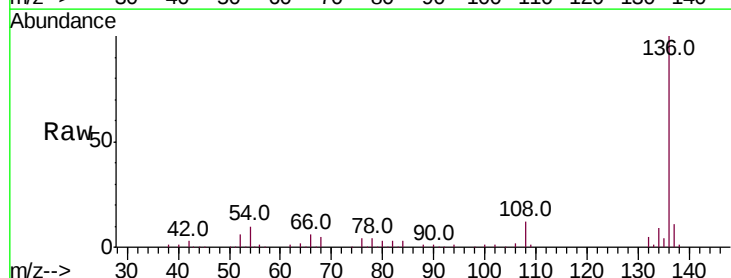
Ion Ratio Lower Upper

136 100

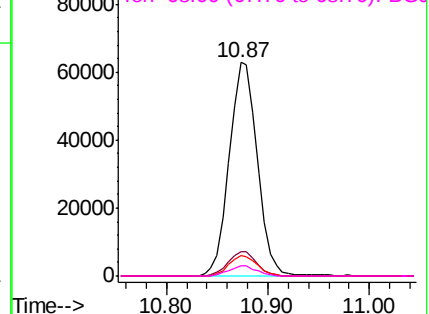
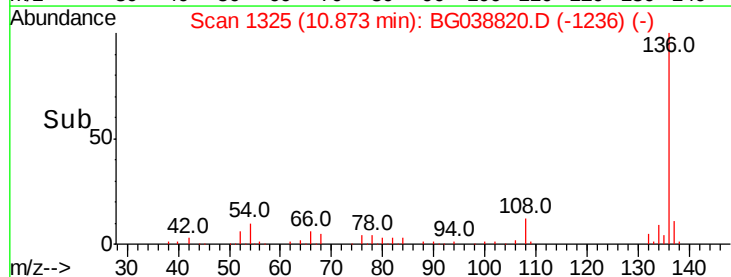
137 11.3 9.3 13.9

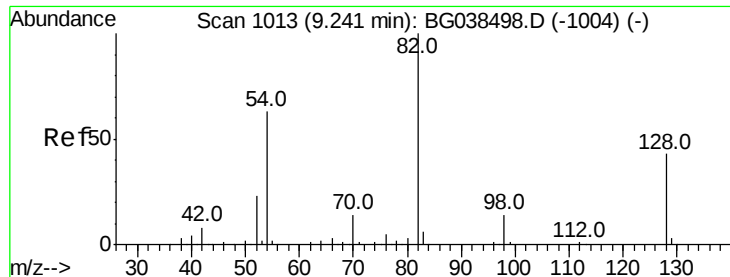
54 9.8 8.5 12.7

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

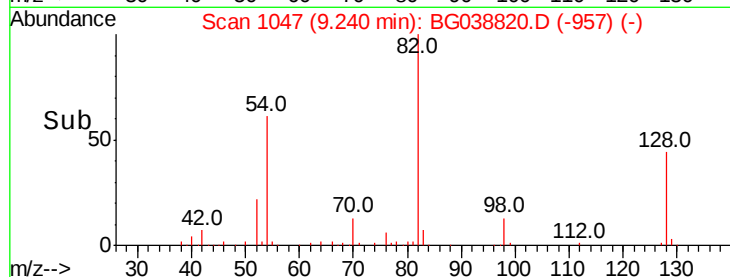
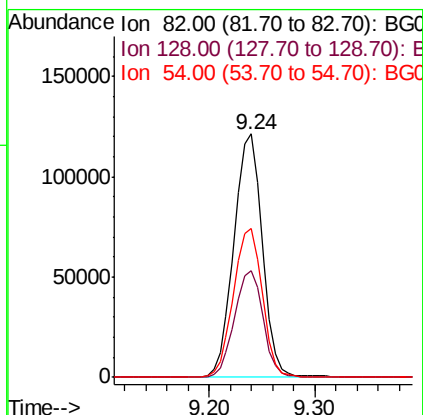
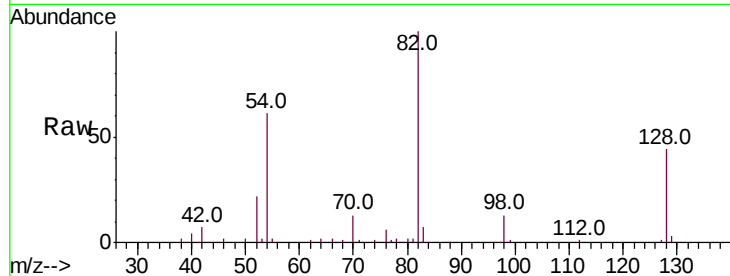




#23
 Nitrobenzene-d5
 Concen: 95.536 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038820.D
 Acq: 22 Dec 2018 16:34

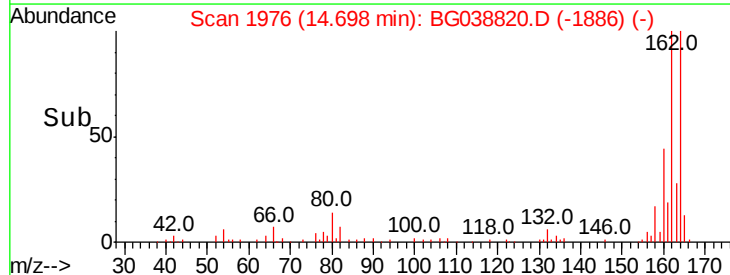
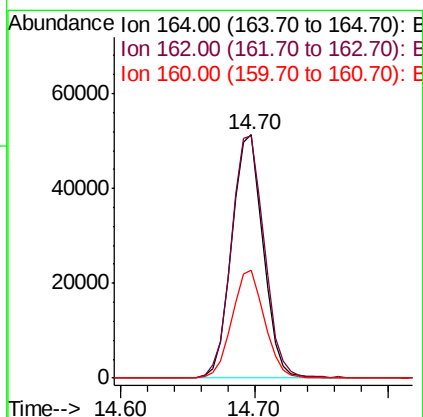
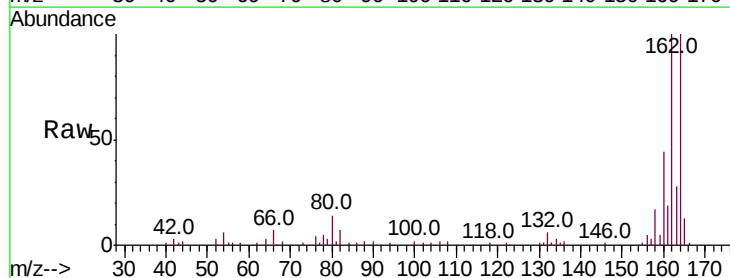
Instrument :
 BNA_G
 ClientSampleId :
 DPC-91468-OS-01

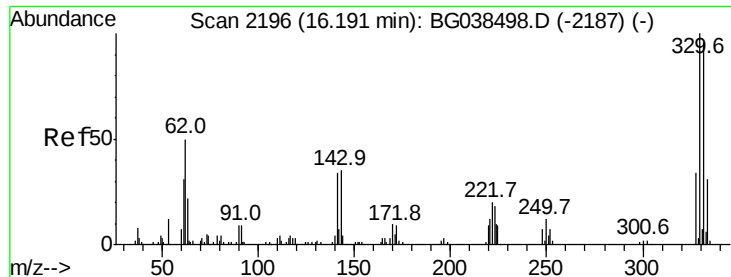
Tot Ion: 82 Resp: 225900
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 61.4 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038820.D
 Acq: 22 Dec 2018 16:34

Tgt Ion: 164 Resp: 84136
 Ion Ratio Lower Upper
 164 100
 162 99.6 86.6 130.0
 160 44.3 34.2 51.2

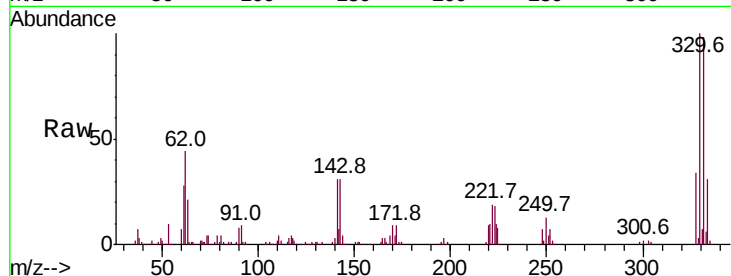




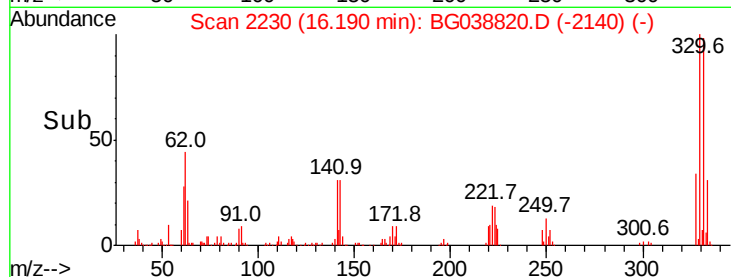
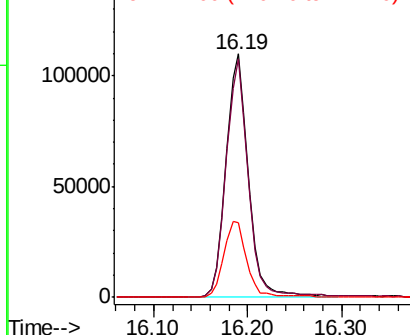
#42
 2,4,6-Tribromophenol
 Concen: 157.855 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038820.D
 Acq: 22 Dec 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91468-OS-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	32.3	28.8	43.2

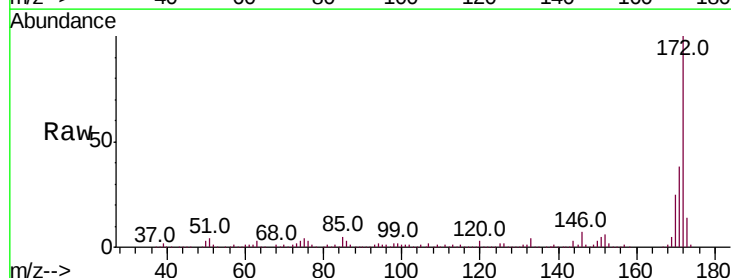


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

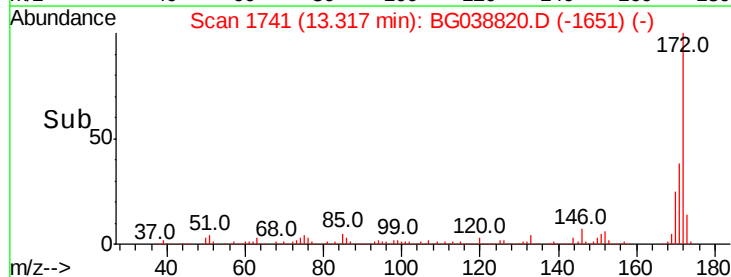
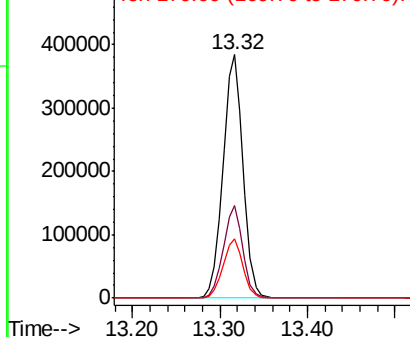


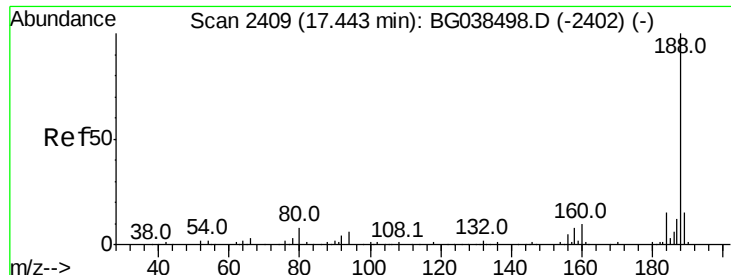
#45
 2-Fluorobiphenyl
 Concen: 98.729 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038820.D
 Acq: 22 Dec 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	24.6	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

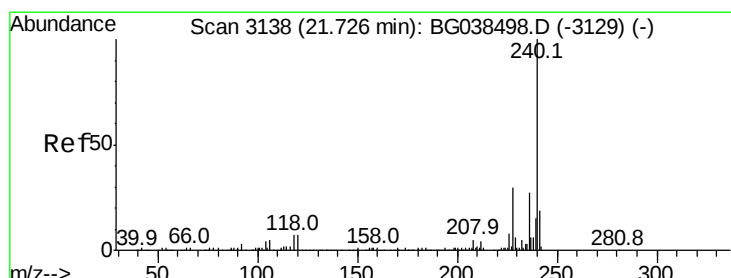
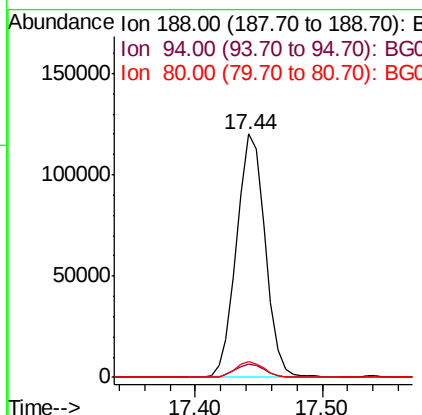
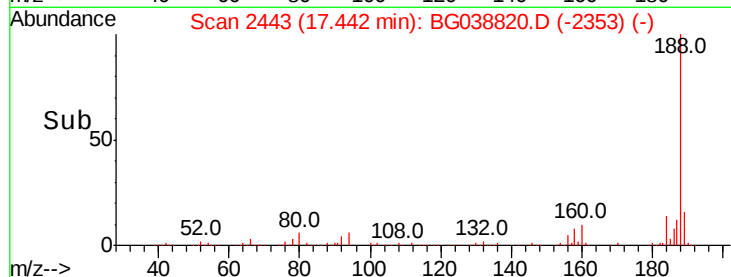
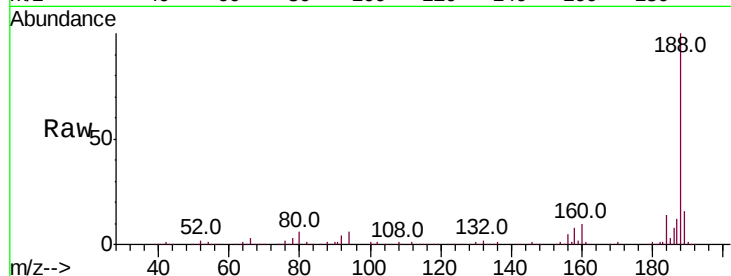




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038820.D
Acq: 22 Dec 2018 16:34

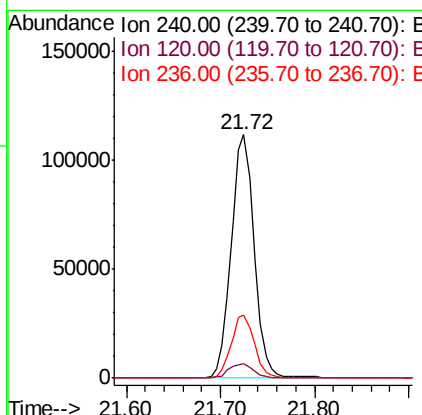
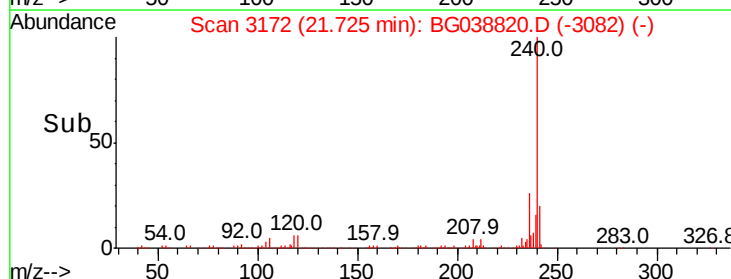
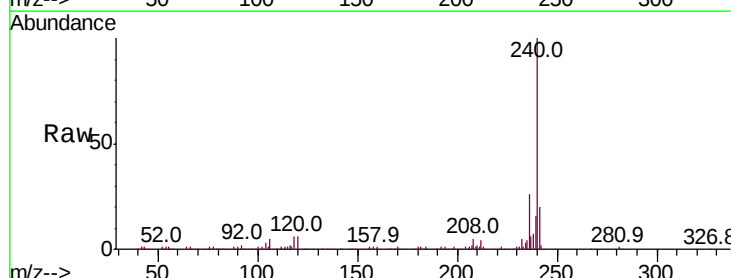
Instrument :
BNA_G
ClientSampleId :
DPC-91468-OS-01

Tot Ion:188 Resp: 187694
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 6.4 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038820.D
Acq: 22 Dec 2018 16:34

Tgt Ion:240 Resp: 190398
Ion Ratio Lower Upper
240 100
120 5.7 5.3 7.9
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 112.709 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038820.D

Acq: 22 Dec 2018 16:34

Instrument :

BNA_G

ClientSampleId :

DPC-91468-OS-01

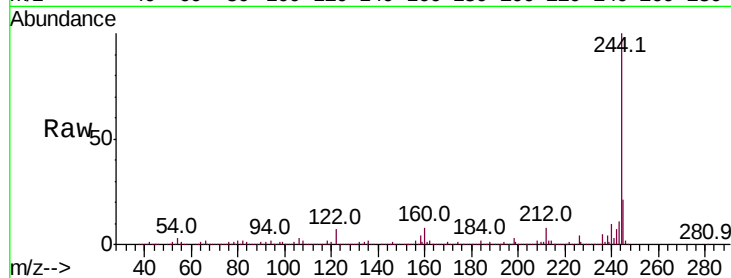
Tot Ion:244 Resp: 986045

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

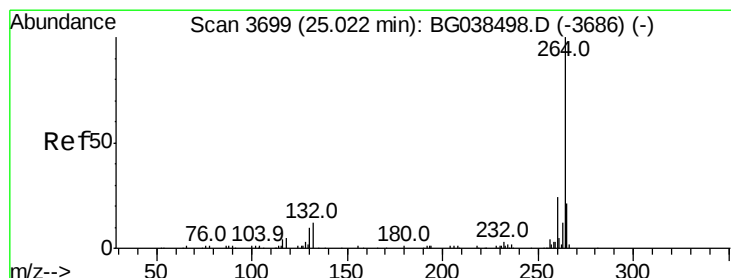
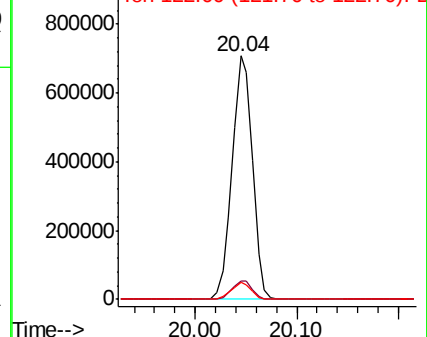
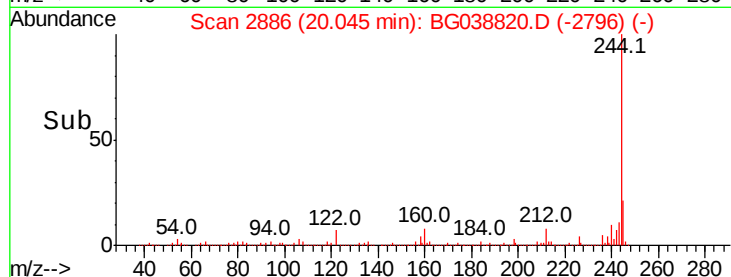
122 7.2 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038820.D

Acq: 22 Dec 2018 16:34

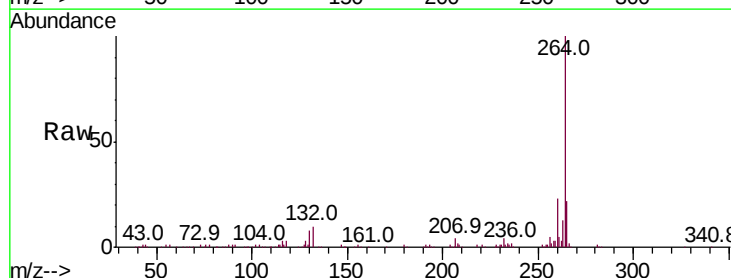
Tgt Ion:264 Resp: 203273

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.0 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

