

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038533.D
 Acq On : 13 Dec 2018 15:25
 Operator : JU/SJ
 Sample : J6275-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-05-120418

Quant Time: Dec 13 17:10:56 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

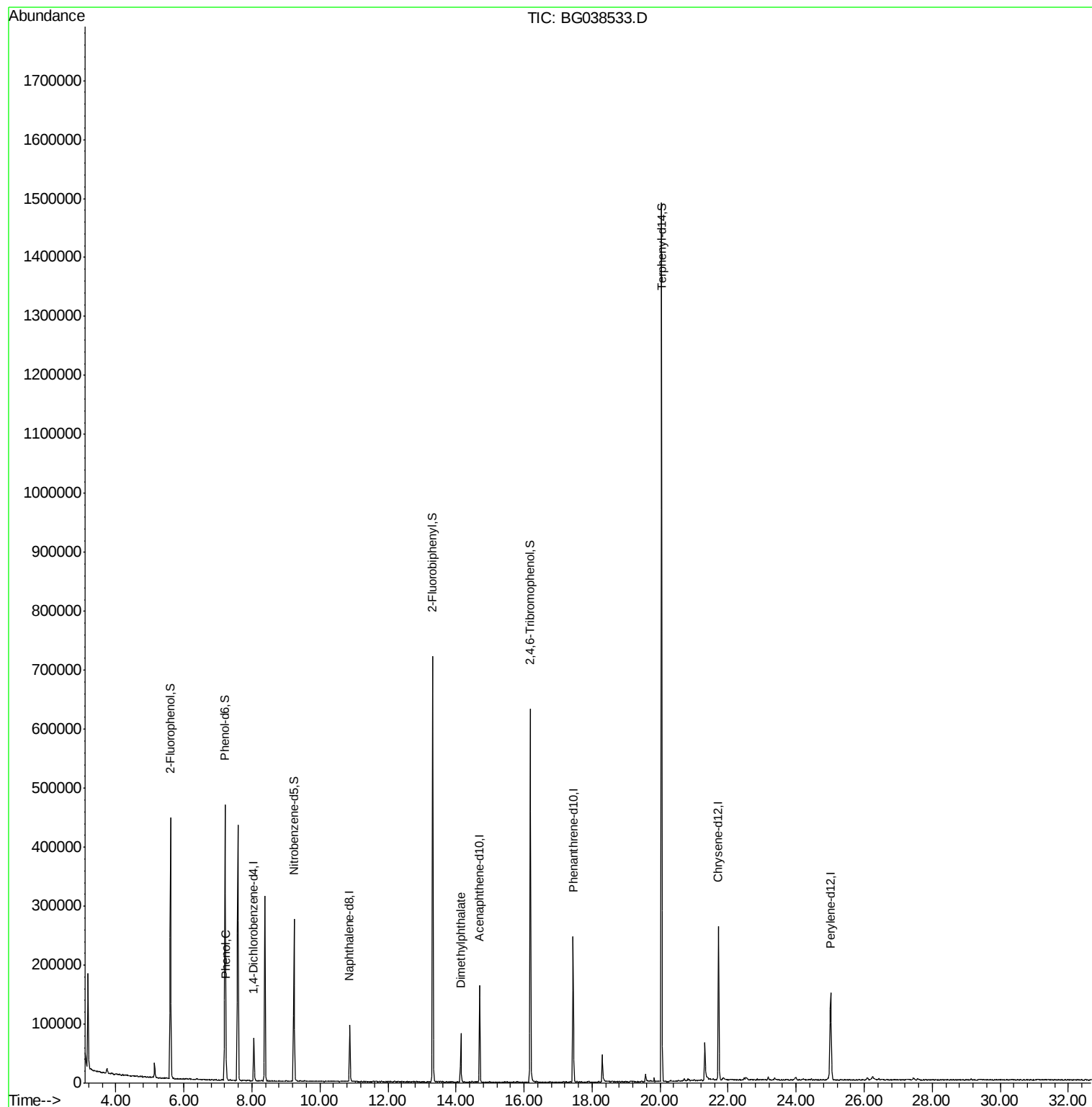
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20476	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84949	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57987	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155831	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166416	20.00	ng	-0.01
87) Perylene-d12	25.01	264	177419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183837	159.24	ng	0.00
7) Phenol-d6	7.21	99	257030	162.18	ng	0.00
23) Nitrobenzene-d5	9.24	82	167098	100.49	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	129632	162.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	382385	90.46	ng	0.00
79) Terphenyl-d14	20.05	244	751016	98.22	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16055	9.535	ng	97
50) Dimethylphthalate	14.14	163	60770	12.833	ng	100

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

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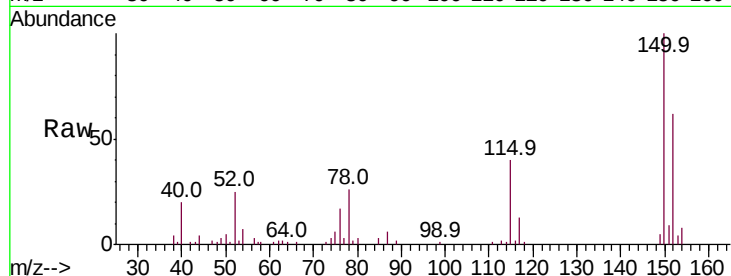


#1

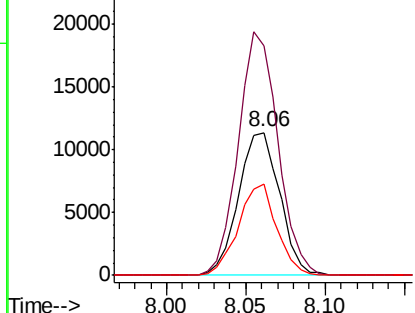
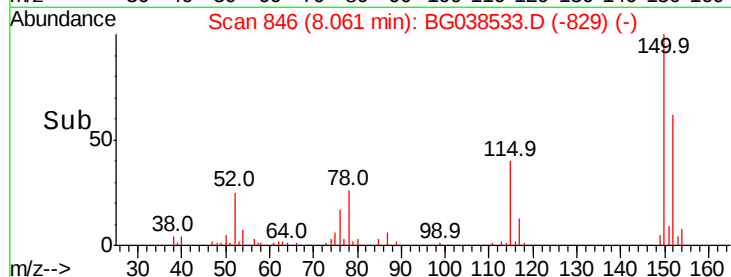
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
BF-05-120418

Tot Ion:152 Resp: 20476
Ion Ratio Lower Upper
152 100
150 161.3 119.5 179.3
115 64.2 49.6 74.4



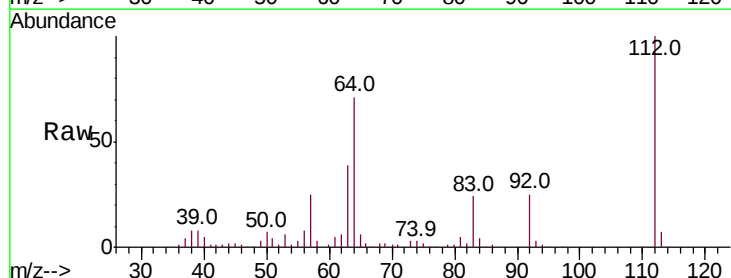
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



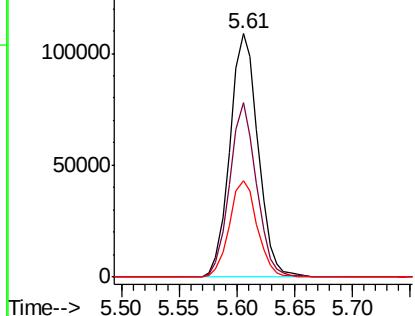
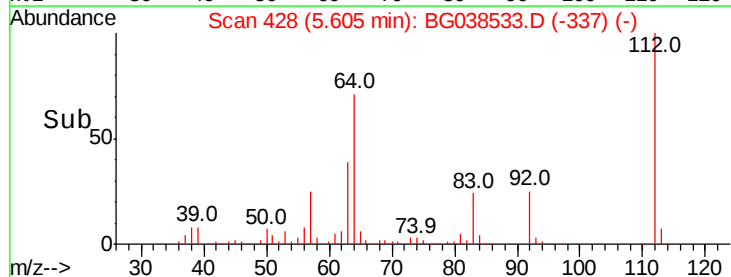
#5

2-Fluorophenol
Concen: 159.241 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

Tgt Ion:112 Resp: 183837
Ion Ratio Lower Upper
112 100
64 71.5 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: 162.180 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

BF-05-120418

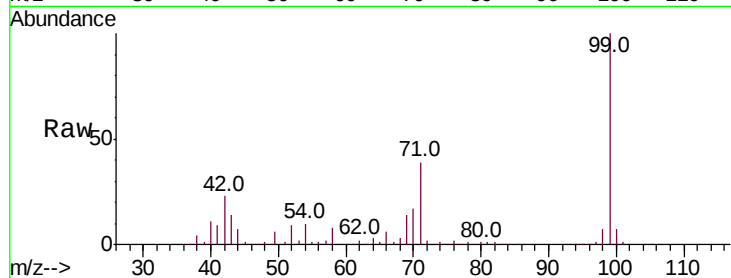
Tot Ion: 99 Resp: 257030

Ion Ratio Lower Upper

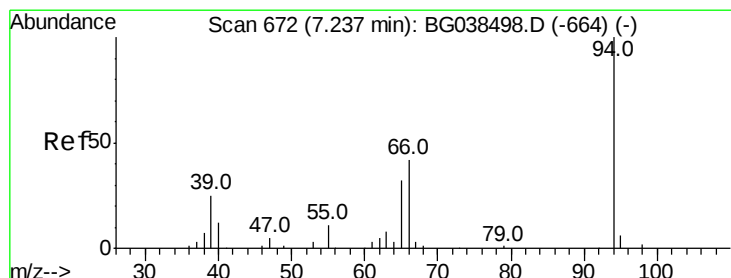
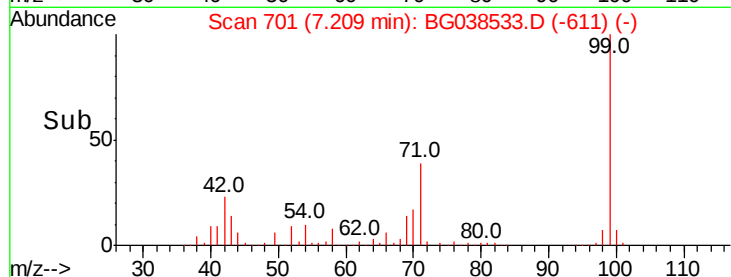
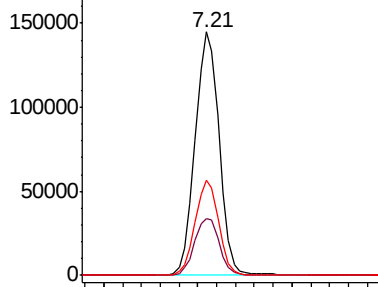
99 100

42 23.4 18.5 27.7

71 39.0 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



#10

Phenol

Concen: 9.535 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

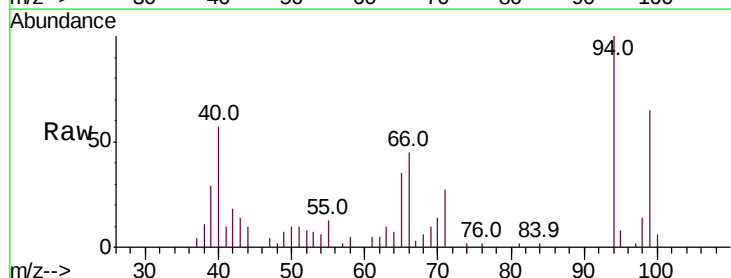
Tgt Ion: 94 Resp: 16055

Ion Ratio Lower Upper

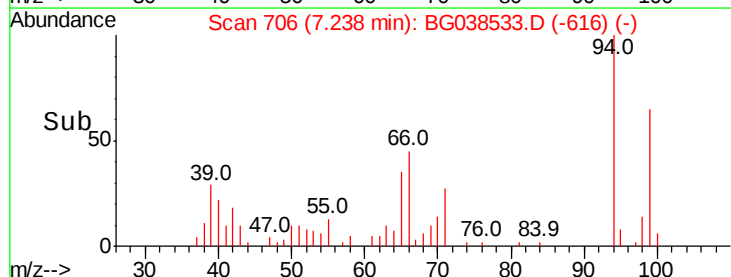
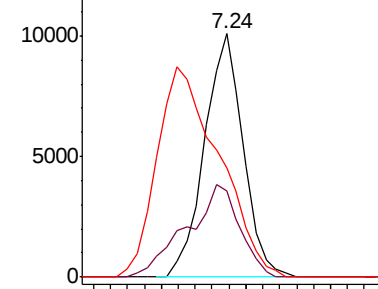
94 100

65 35.4 12.6 52.6

66 45.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

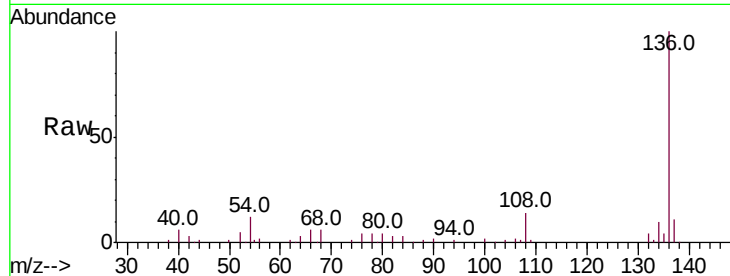




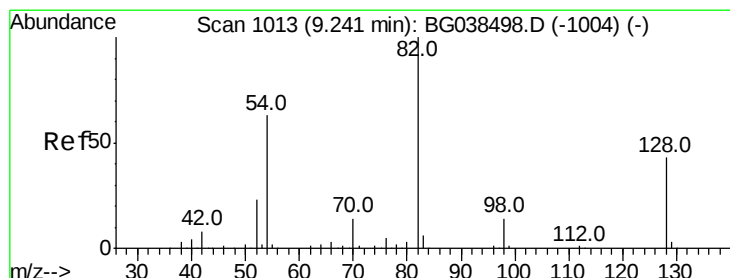
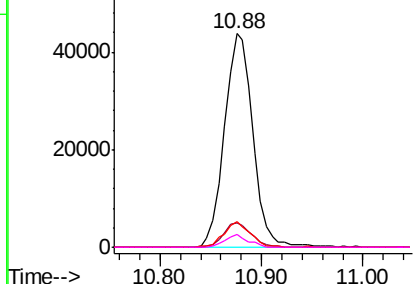
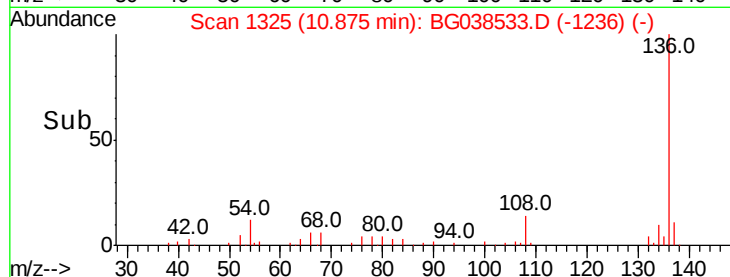
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
BF-05-120418

Tot Ion:136	Resp:	84949
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.3 13.9
54	11.8	8.5 12.7
68	5.8	3.5 5.3#

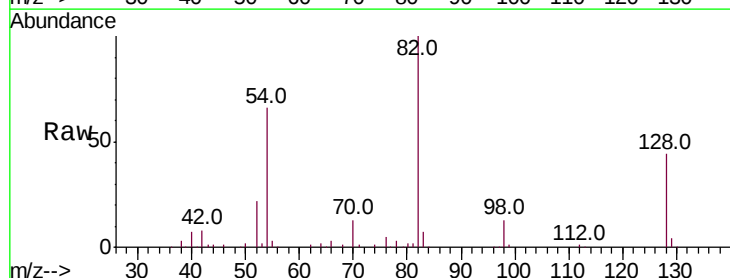


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

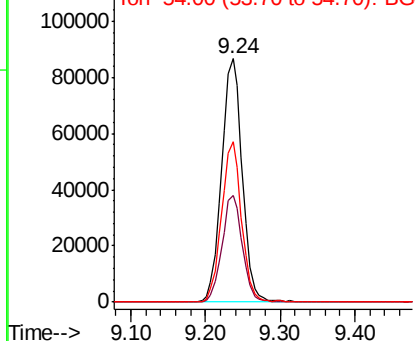
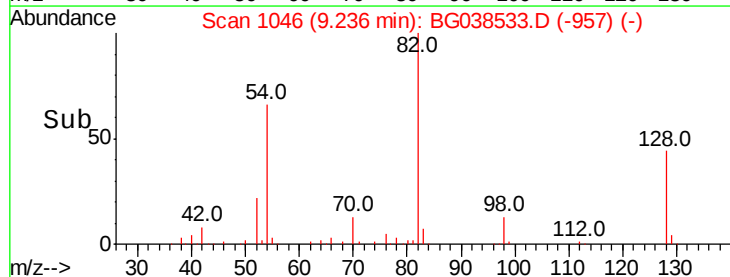


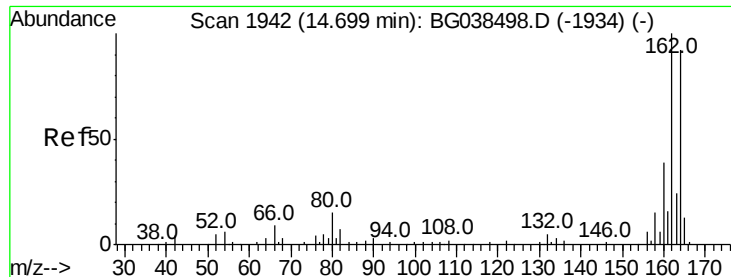
#23
Nitrobenzene-d5
Concen: 100.490 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038533.D
Acq: 13 Dec 2018 15:25

Tgt Ion: 82	Resp:	167098
Ion	Ratio	Lower Upper
82	100	
128	43.6	34.6 52.0
54	65.7	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

Instrument :

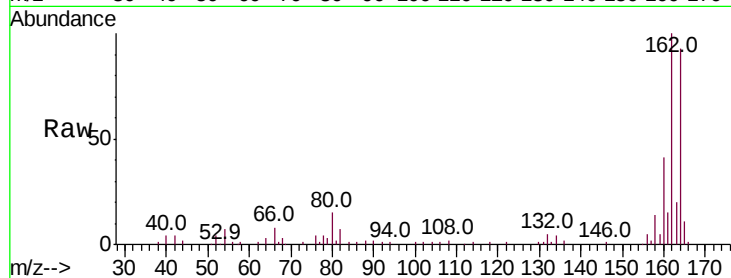
BNA_G

ClientSampleId :

BF-05-120418

Tot Ion:164 Resp: 57987

Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.6	130.0
160	44.2	34.2	51.2

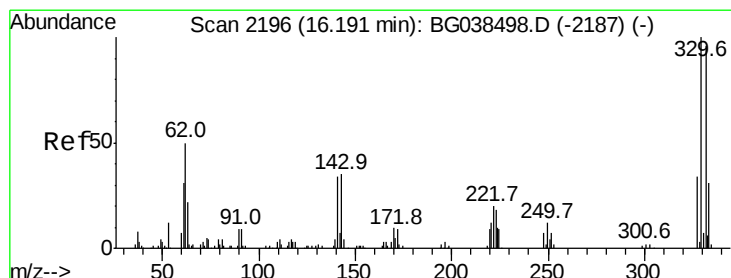
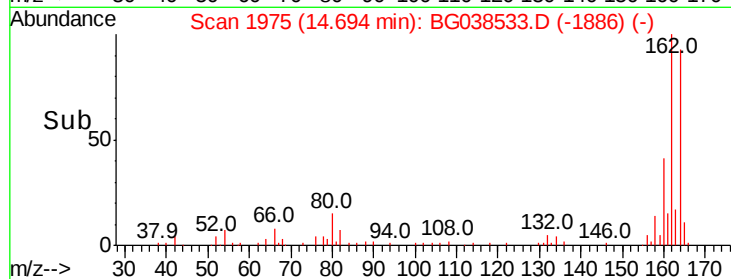
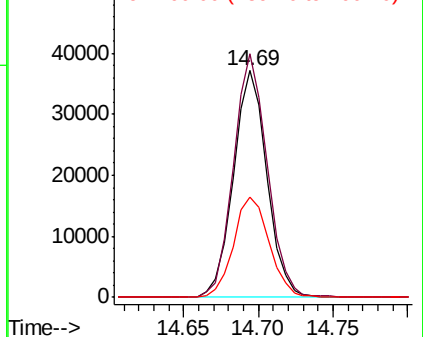


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 162.209 ng

RT: 16.19 min Scan# 2229

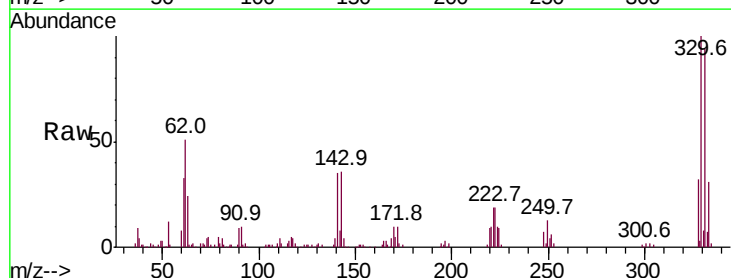
Delta R.T. -0.00 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

Tgt Ion:330 Resp: 129632

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	36.9	28.8	43.2

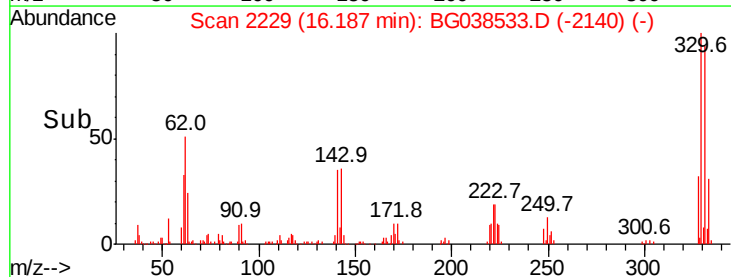
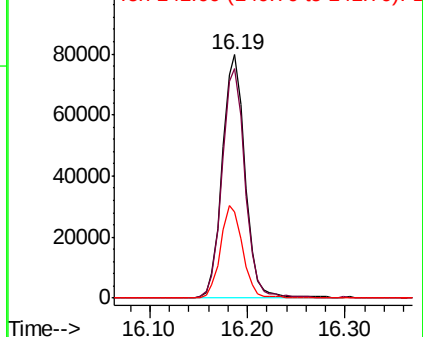


Abundance

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



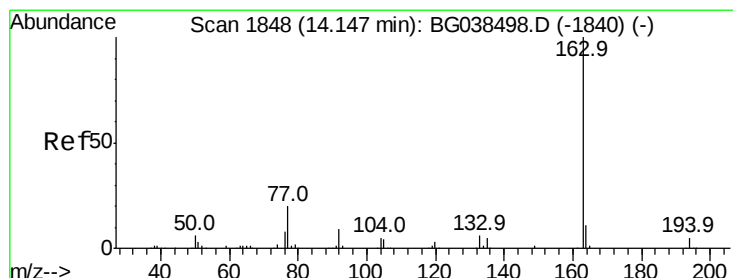
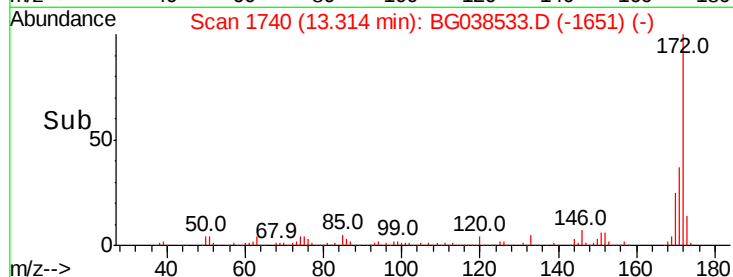
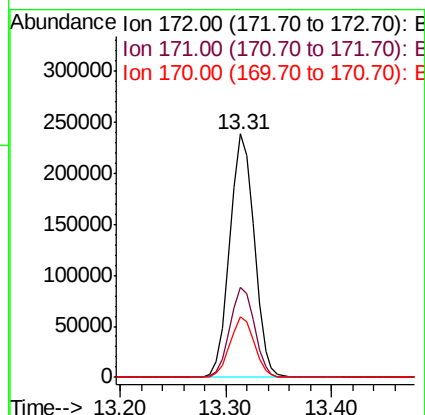
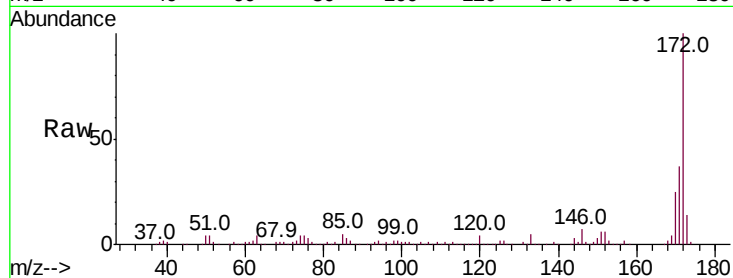


#45
 2-Fluorobiphenyl
 Concen: 90.464 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 BF-05-120418

Tot Ion:172 Resp: 382385

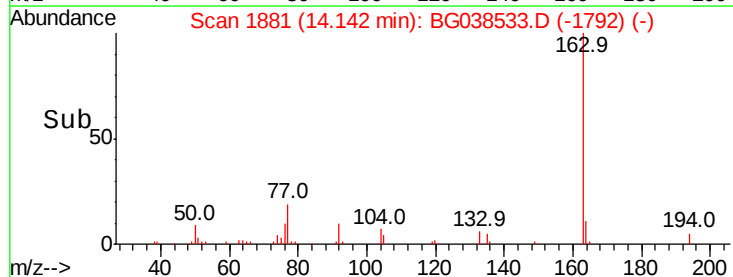
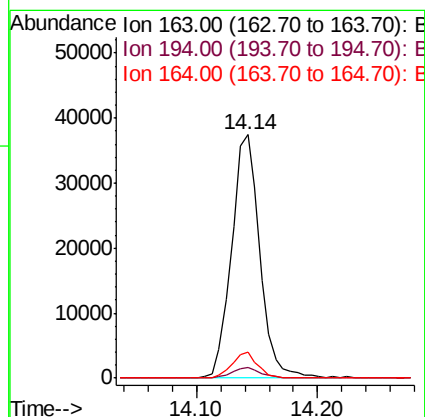
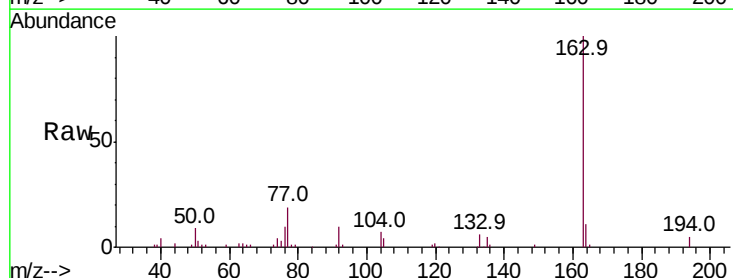
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.0	19.5	29.3

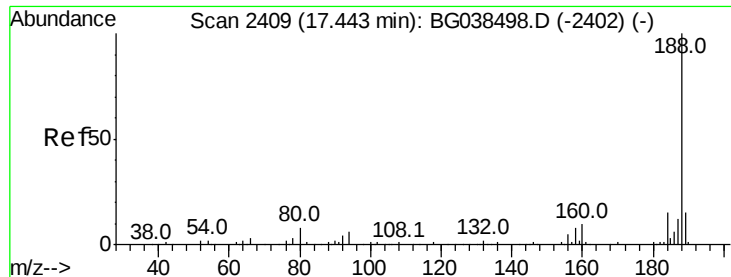


#50
 Dimethylphthalate
 Concen: 12.833 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion:163 Resp: 60770

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.8	8.6	12.8

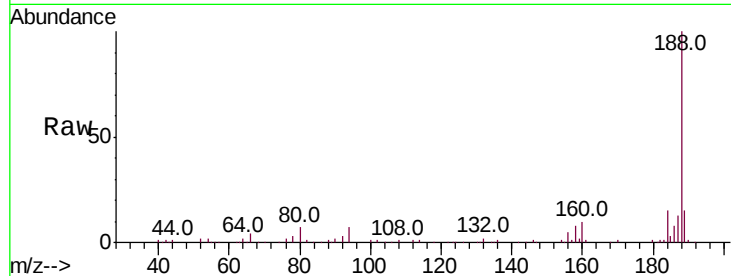




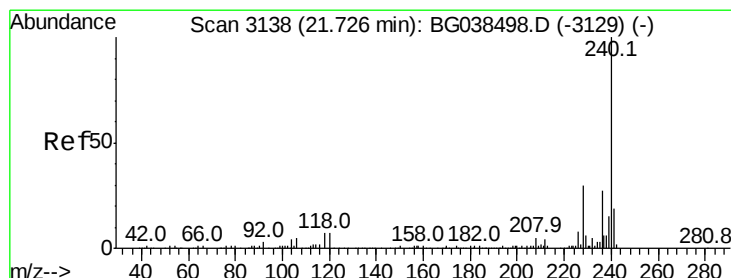
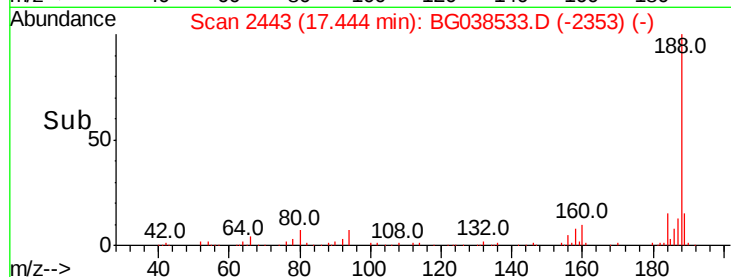
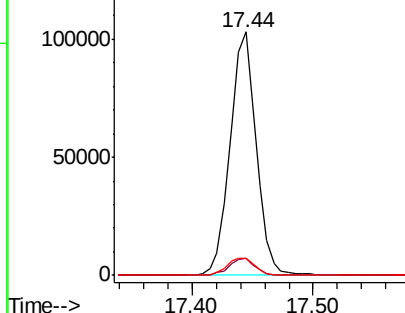
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 BF-05-120418

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.8	6.1	9.1

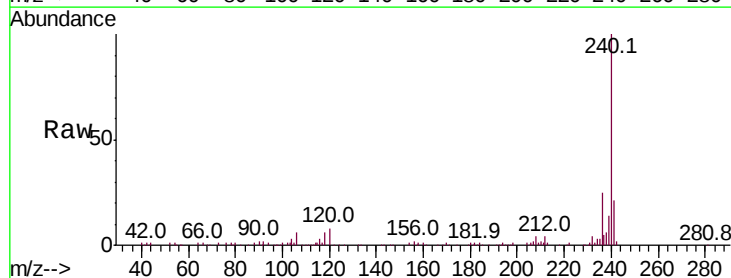


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

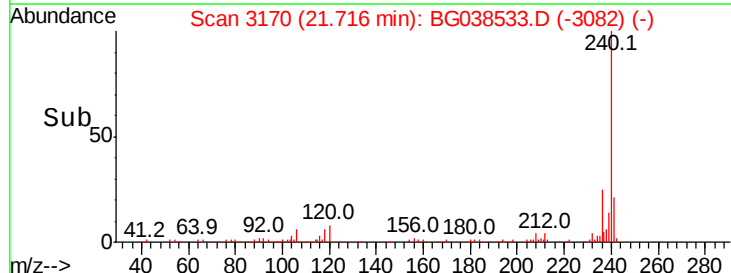
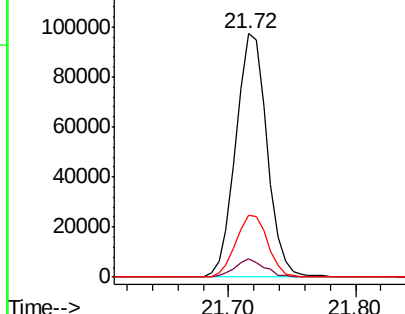


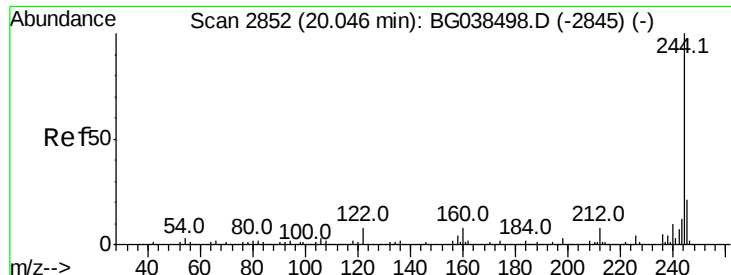
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038533.D
 Acq: 13 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.3	7.9
236	25.3	21.4	32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.215 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

BF-05-120418

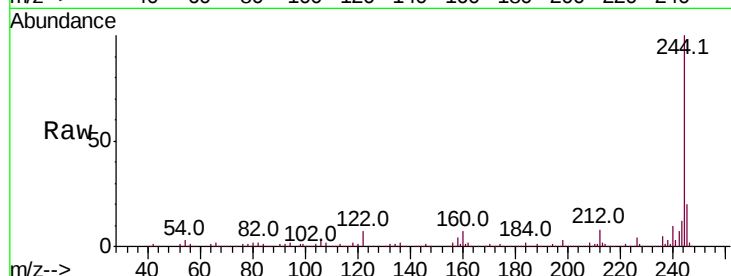
Tot Ion:244 Resp: 751016

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

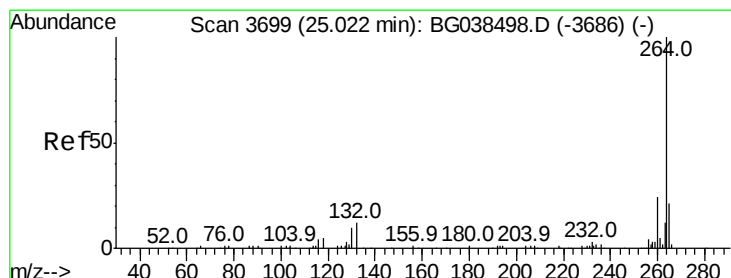
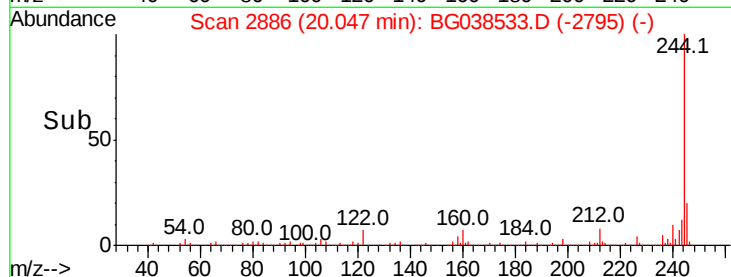
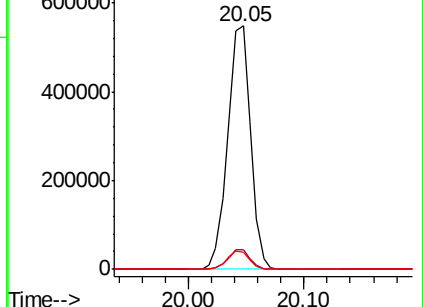
122 7.0 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038533.D

Acq: 13 Dec 2018 15:25

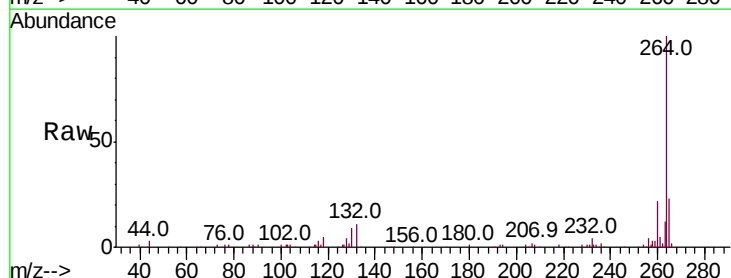
Tgt Ion:264 Resp: 177419

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 23.4 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

