

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038744.D
 Acq On : 20 Dec 2018 2:21
 Operator : JU/SJ
 Sample : J6446-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181214

Quant Time: Dec 20 03:20:33 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	8.05	152	25206	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	97973	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67837	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	177316	20.00	ng	0.00
76) Chrysene-d12	21.72	240	179770	20.00	ng	0.00
87) Perylene-d12	25.02	264	189649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	85752	60.34	ng	0.00
7) Phenol-d6	7.21	99	70740	36.26	ng	0.00
23) Nitrobenzene-d5	9.23	82	174251	90.86	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	149729	160.15	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	444452	89.88	ng	0.00
79) Terphenyl-d14	20.04	244	878888	106.40	ng	0.00

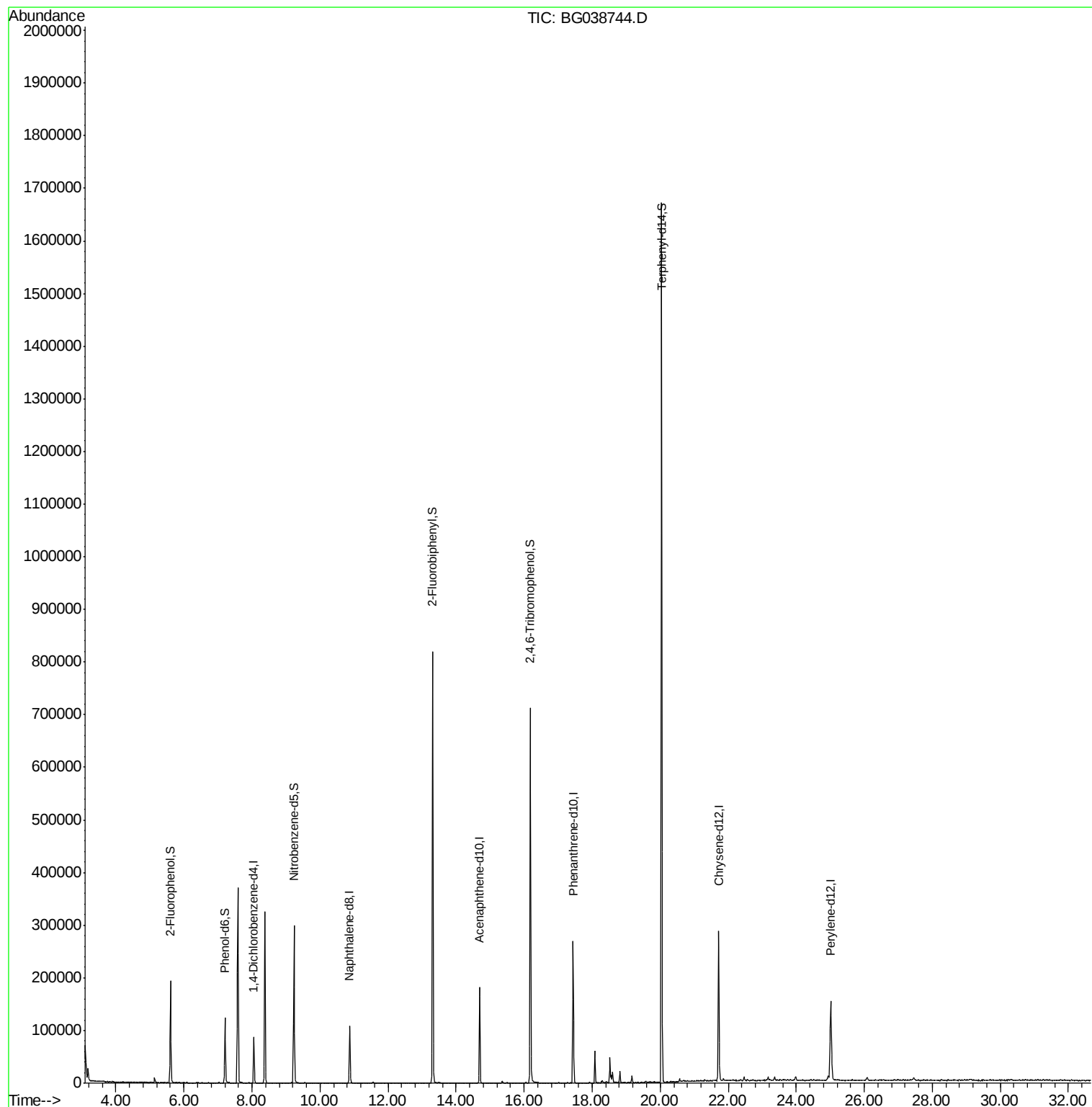
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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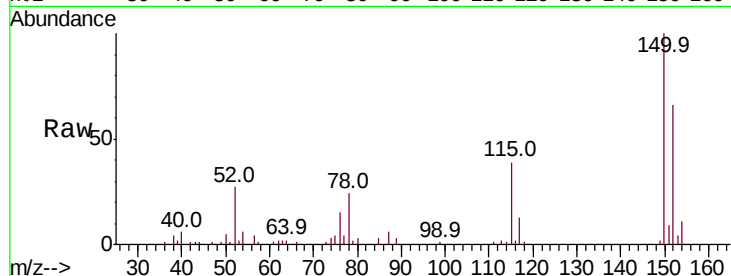


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181214

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	58.3	49.6	74.4

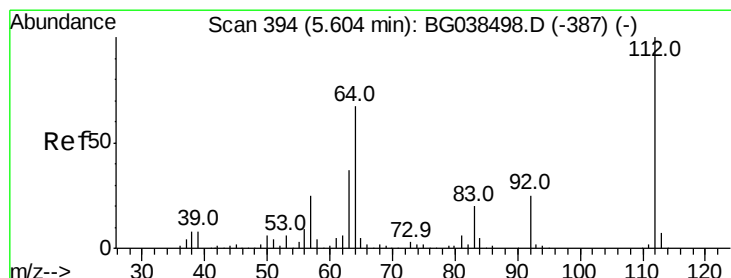
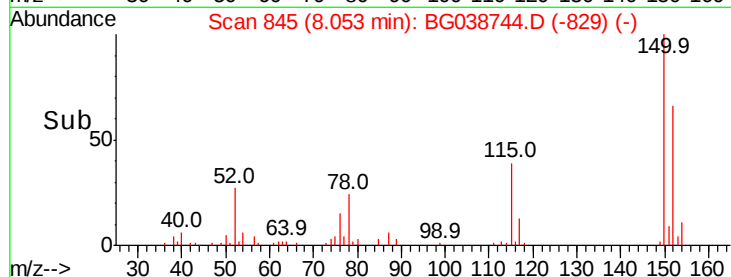
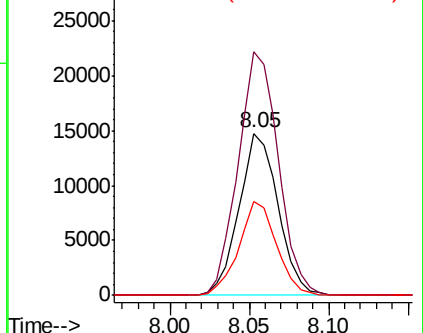


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

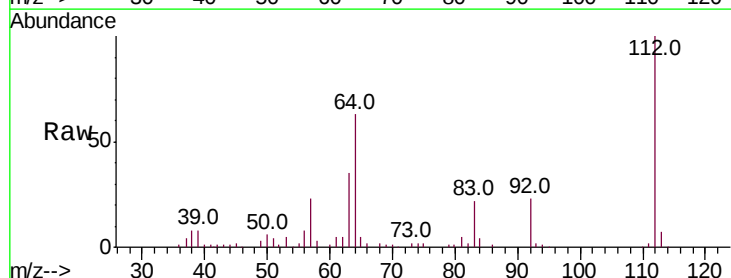
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 60.340 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	53.4	80.2
63	34.9	29.3	43.9

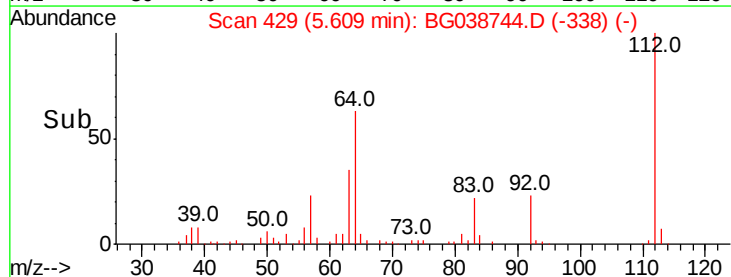
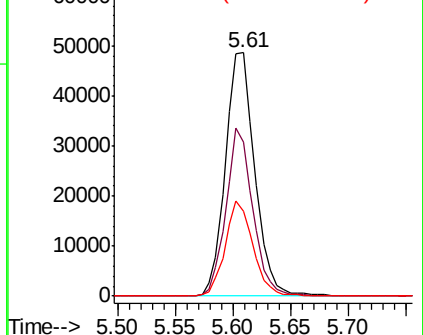


Abundance

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: 36.259 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038744.D

Acq: 20 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

P001-RB-181214

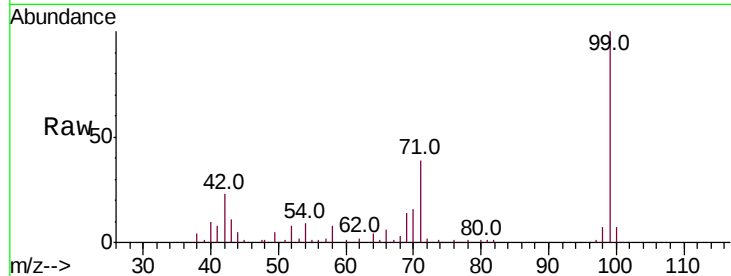
Tot Ion: 99 Resp: 70740

Ion Ratio Lower Upper

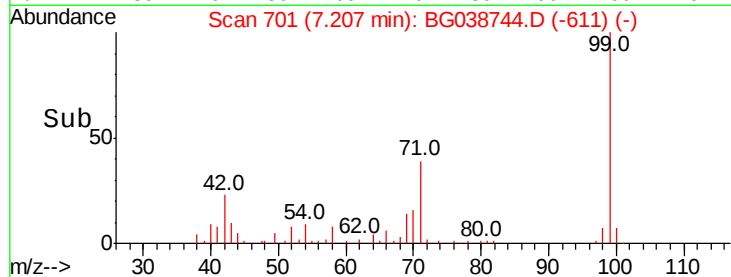
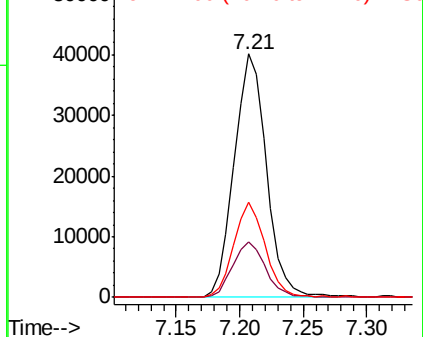
99 100

42 22.8 18.5 27.7

71 39.2 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: BG038744.D

Acq: 20 Dec 2018 2:21

Tgt Ion: 136 Resp: 97973

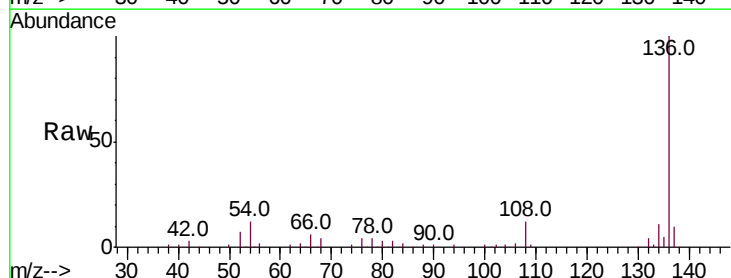
Ion Ratio Lower Upper

136 100

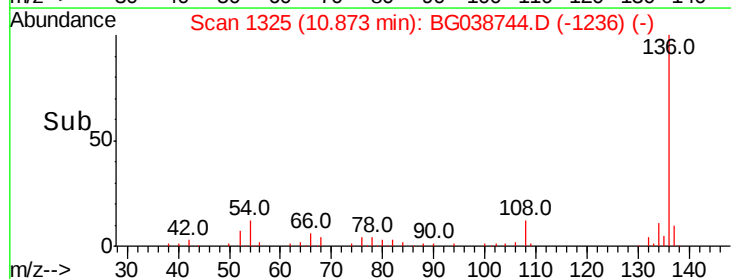
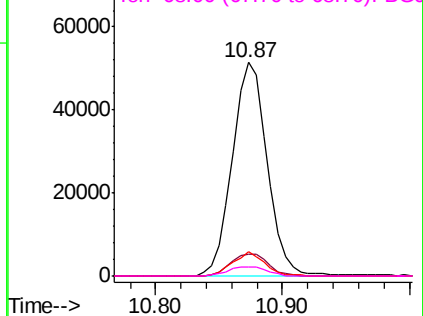
137 10.4 9.3 13.9

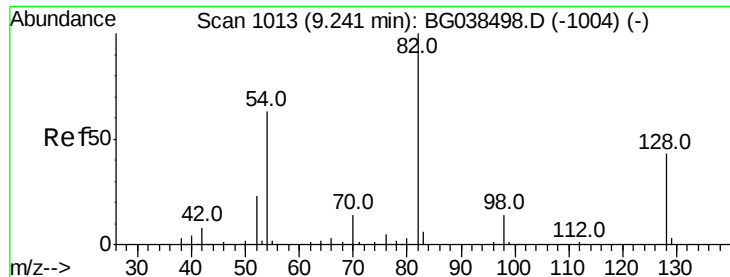
54 11.6 8.5 12.7

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

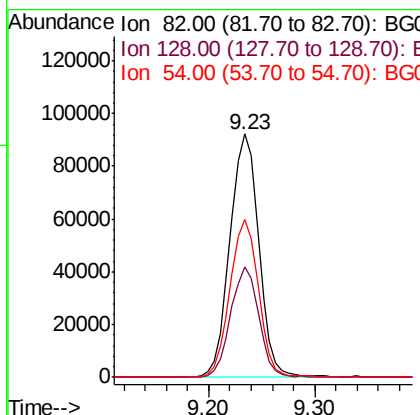
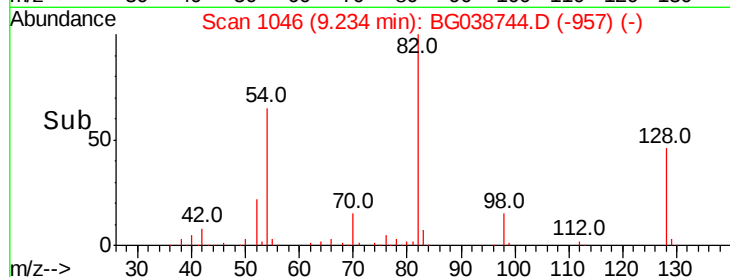
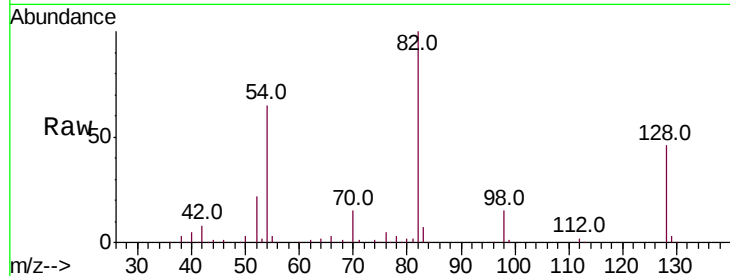




#23
Nitrobenzene-d5
Concen: 90.862 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038744.D
Acq: 20 Dec 2018 2:21

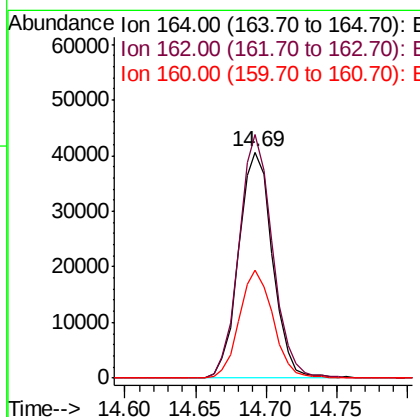
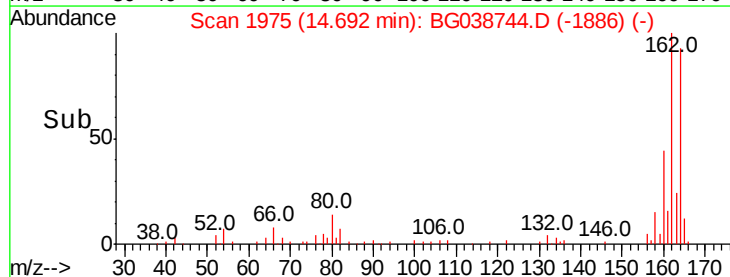
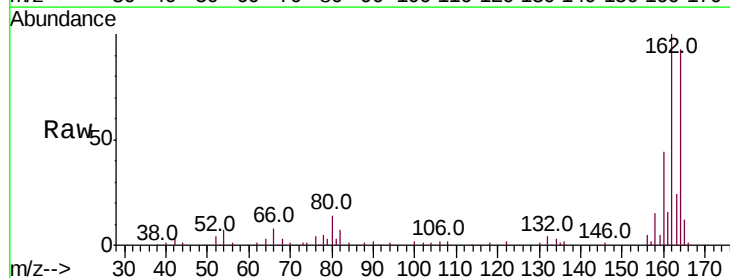
Instrument :
BNA_G
ClientSampleId :
P001-RB-181214

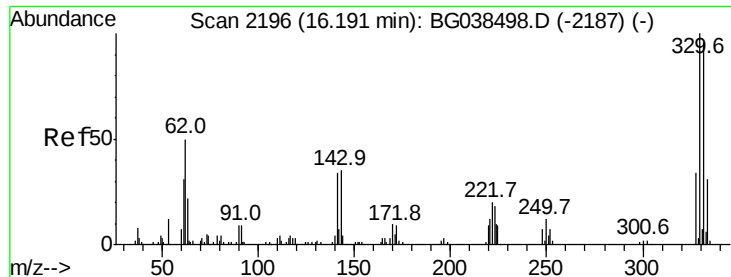
Tot Ion: 82 Resp: 174251
Ion Ratio Lower Upper
82 100
128 45.6 34.6 52.0
54 65.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038744.D
Acq: 20 Dec 2018 2:21

Tgt Ion:164 Resp: 67837
Ion Ratio Lower Upper
164 100
162 107.8 86.6 130.0
160 47.8 34.2 51.2

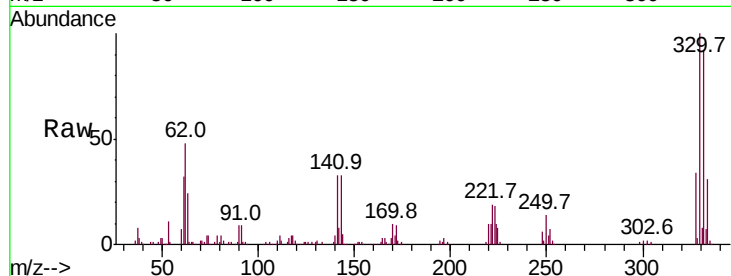




#42
 2,4,6-Tribromophenol
 Concen: 160.152 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181214

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	33.7	28.8	43.2

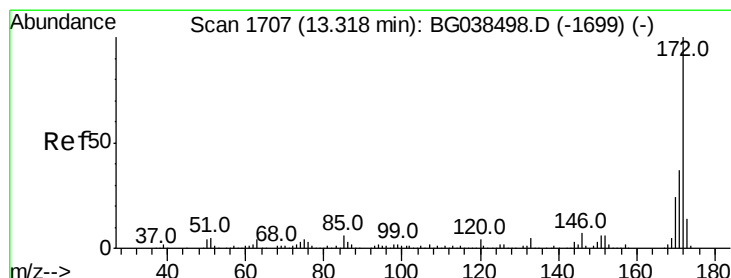
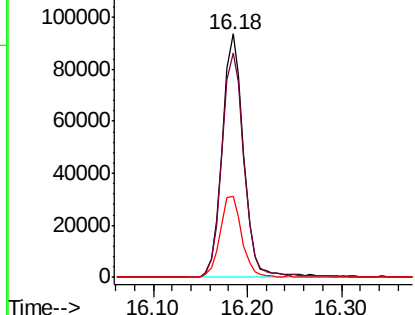
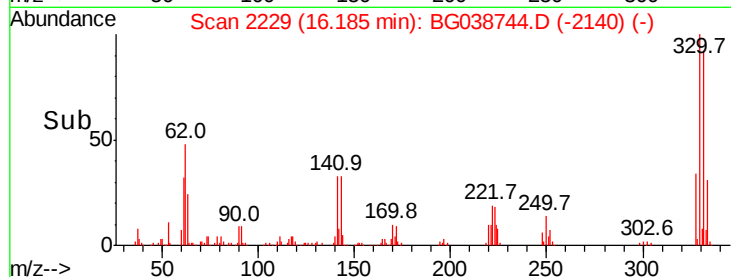


Abundance

Ion 329.80 (329.50 to 330.50): E

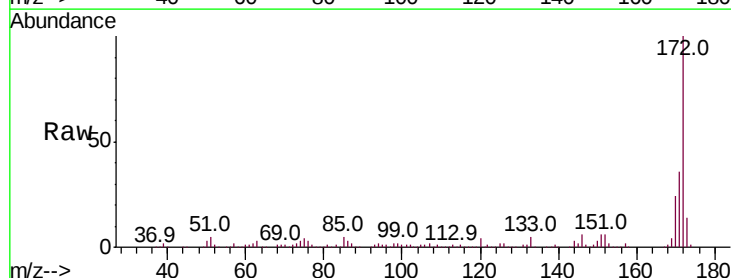
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.880 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.2	19.5	29.3

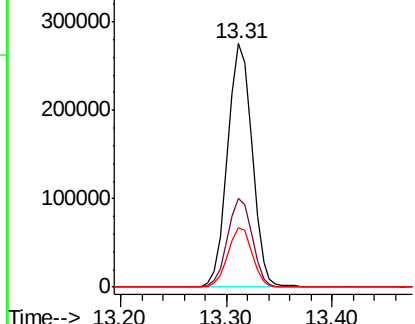
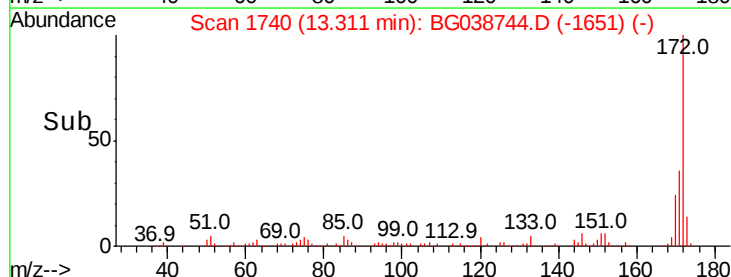


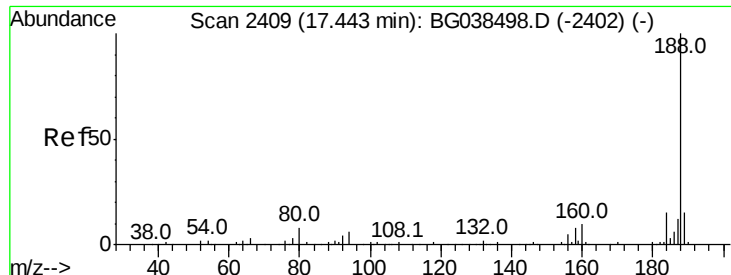
Abundance

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

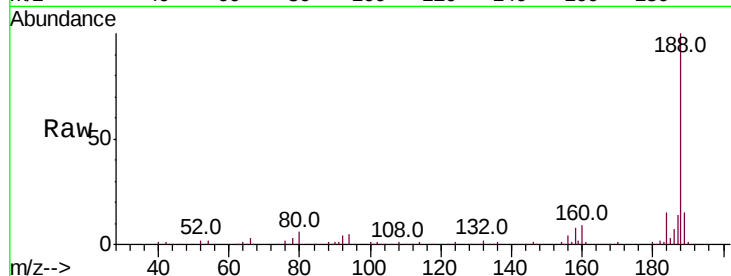




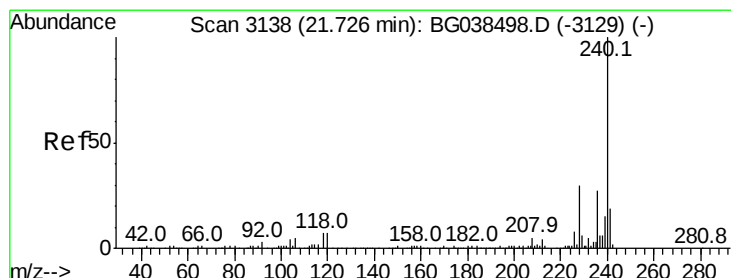
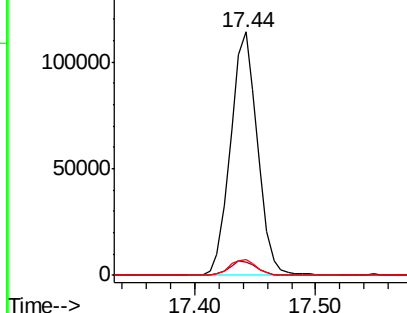
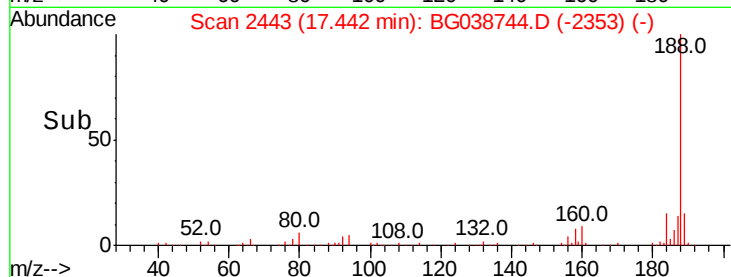
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-RB-181214

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.1	7.7
80	6.4	6.1	9.1

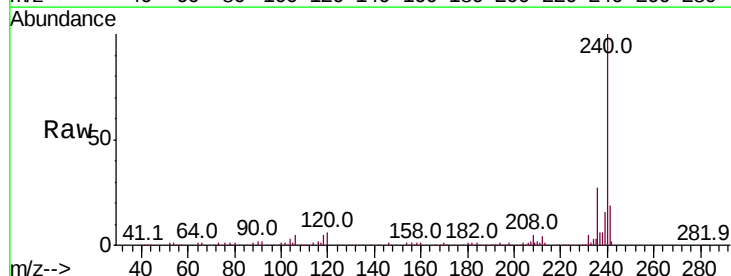


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

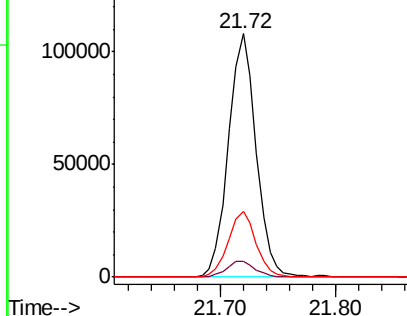
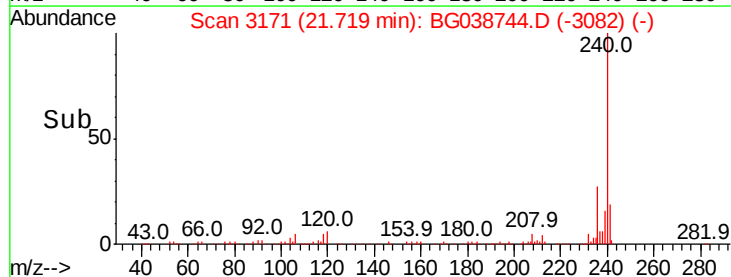


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038744.D
 Acq: 20 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	27.0	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: 106.400 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038744.D

Acq: 20 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

P001-RB-181214

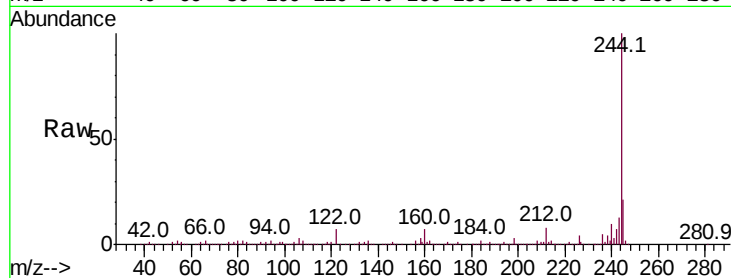
Tot Ion:244 Resp: 878888

Ion Ratio Lower Upper

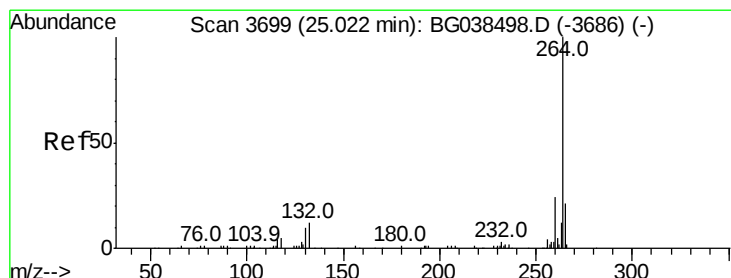
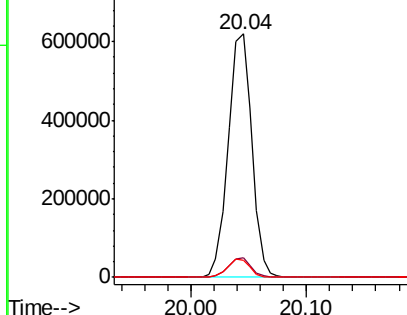
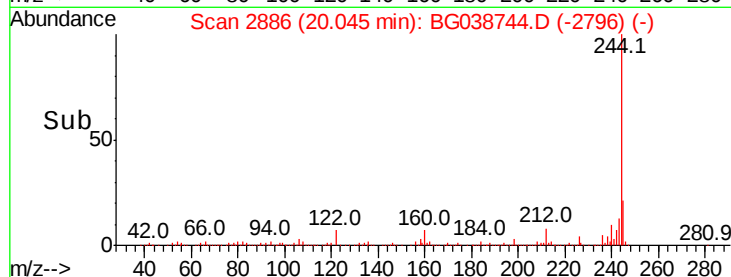
244 100

212 7.9 6.2 9.2

122 6.9 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: BG038744.D

Acq: 20 Dec 2018 2:21

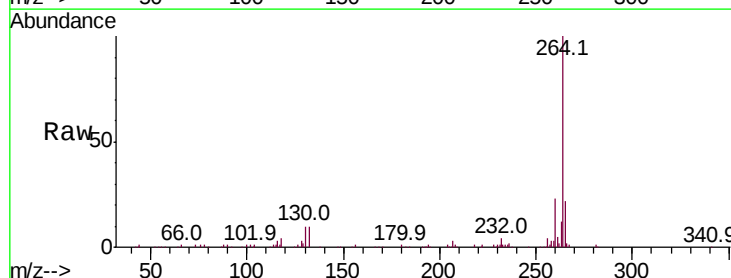
Tgt Ion:264 Resp: 189649

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.8 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

