

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038514.D
 Acq On : 13 Dec 2018 1:20
 Operator : JU/SJ
 Sample : J6331-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 13 06:39:08 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

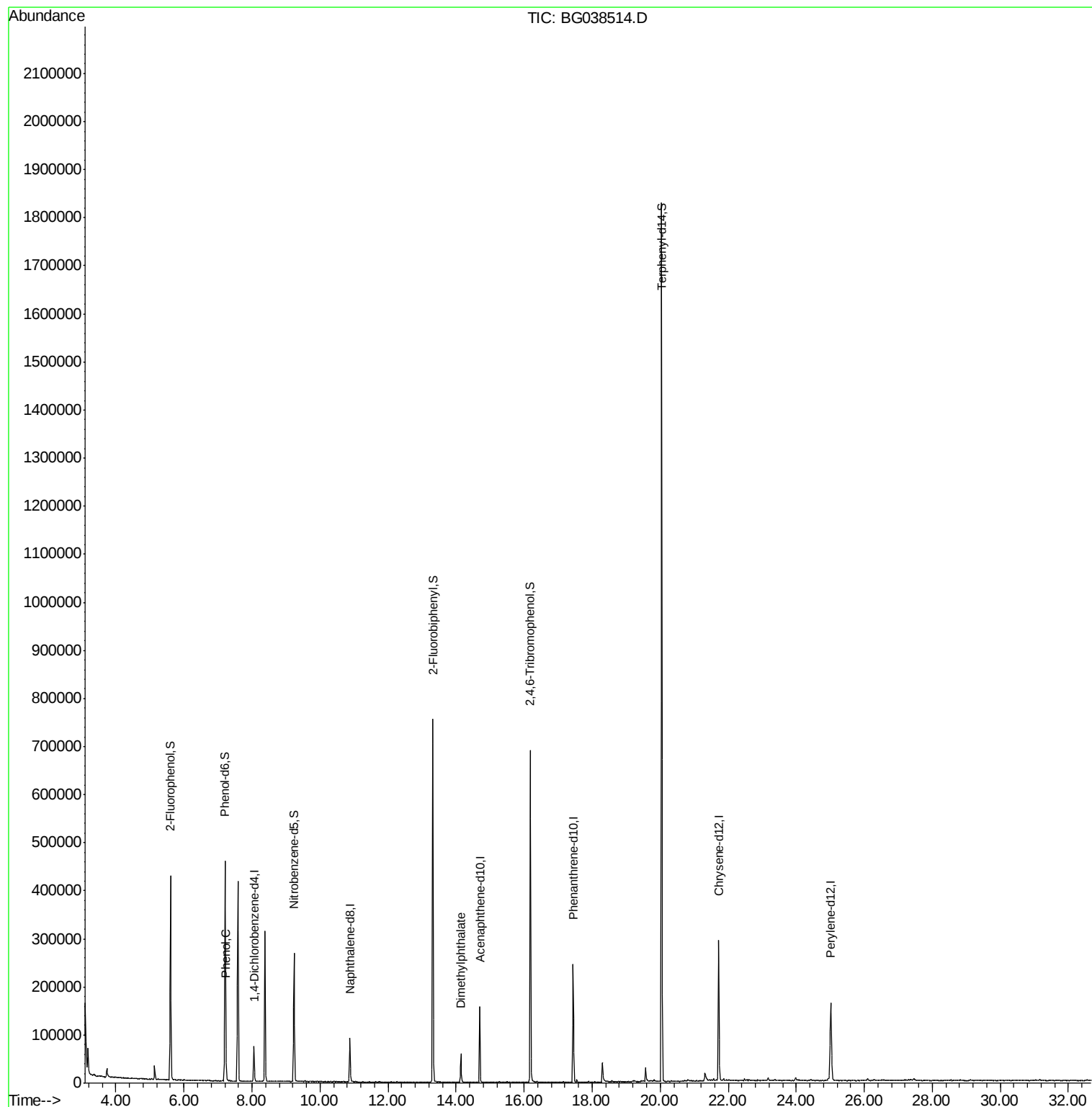
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19938	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84087	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	56939	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157547	20.00	ng	0.00
76) Chrysene-d12	21.72	240	181474	20.00	ng	0.00
87) Perylene-d12	25.02	264	195035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	184848	164.44	ng	0.00
7) Phenol-d6	7.21	99	254338	164.81	ng	0.00
23) Nitrobenzene-d5	9.23	82	165139	100.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	129482	165.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	411516	99.15	ng	0.00
79) Terphenyl-d14	20.04	244	868954	104.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14061	8.576	ng	95
50) Dimethylphthalate	14.14	163	45227	9.727	ng	100

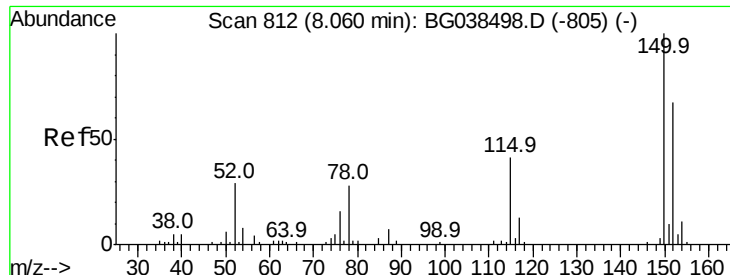
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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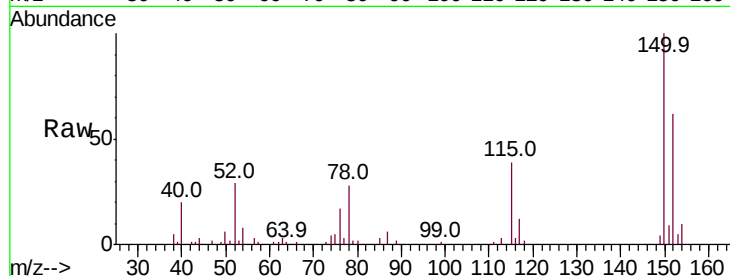


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	119.5	179.3
115	62.1	49.6	74.4

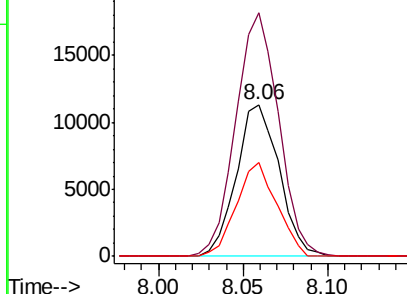
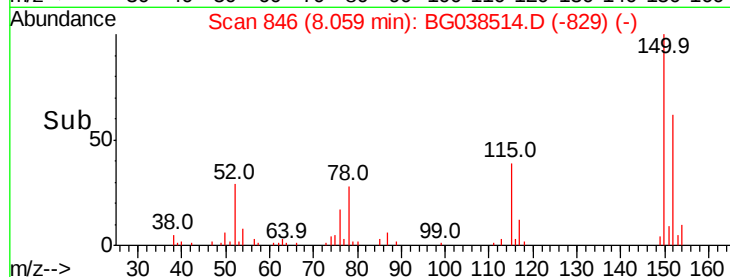


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

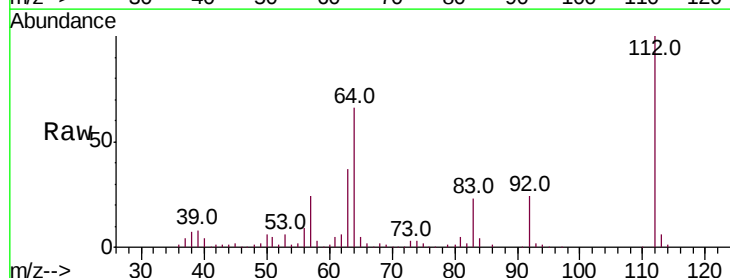
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 164.438 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.4	80.2
63	36.9	29.3	43.9

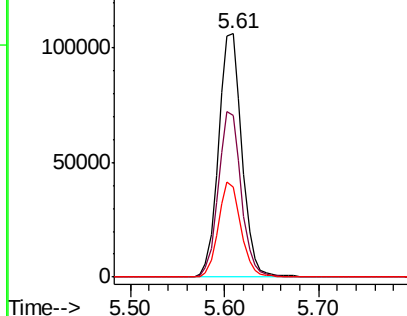
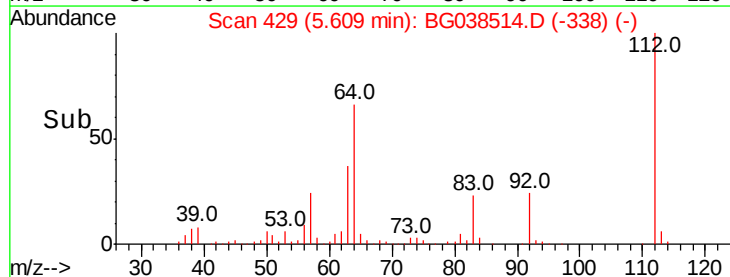


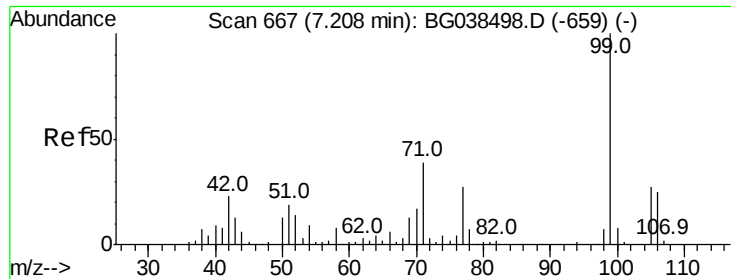
Abundance

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: 164.812 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

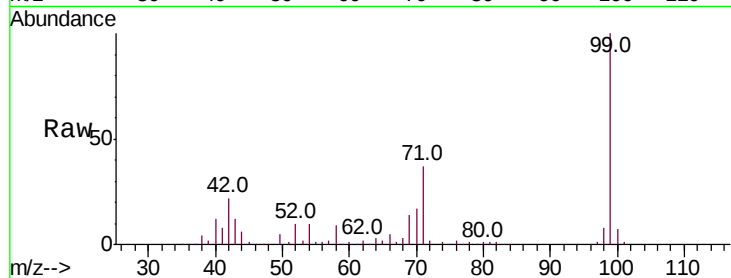
Tot Ion: 99 Resp: 254338

Ion Ratio Lower Upper

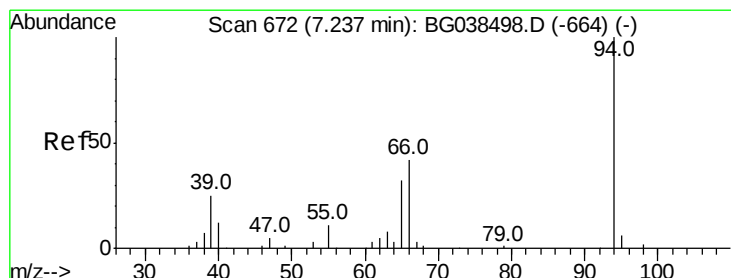
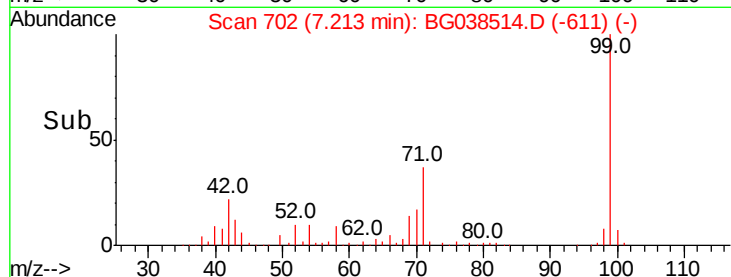
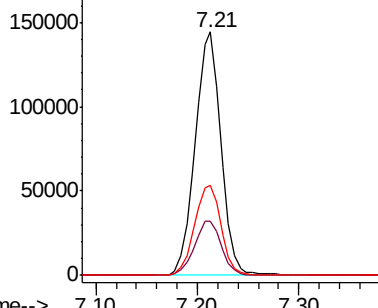
99 100

42 22.4 18.5 27.7

71 36.9 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: 8.576 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

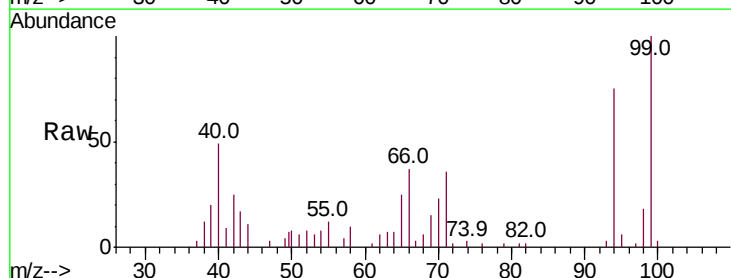
Tgt Ion: 94 Resp: 14061

Ion Ratio Lower Upper

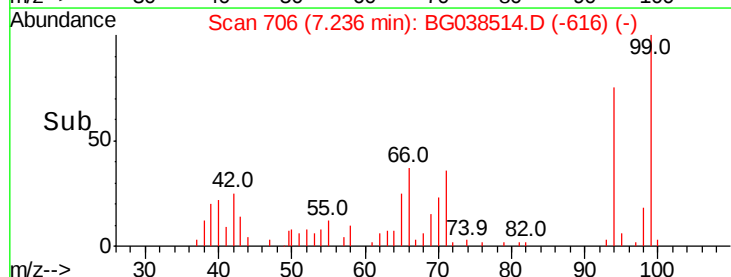
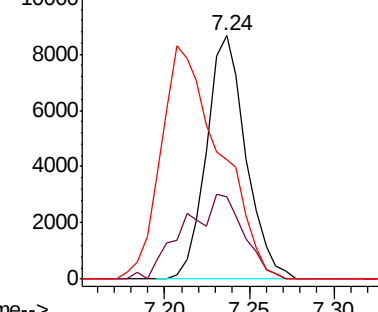
94 100

65 33.8 12.6 52.6

66 49.0 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

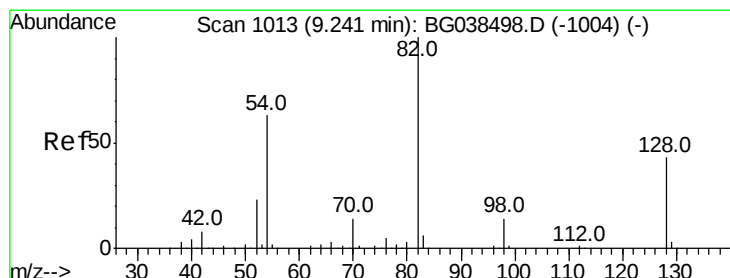
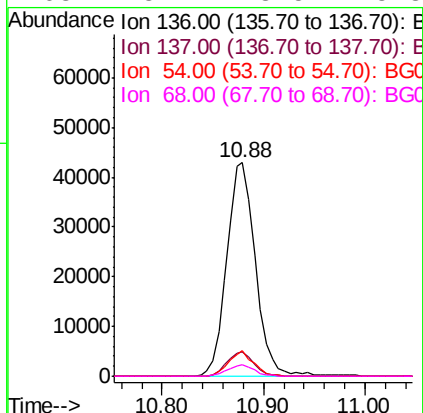
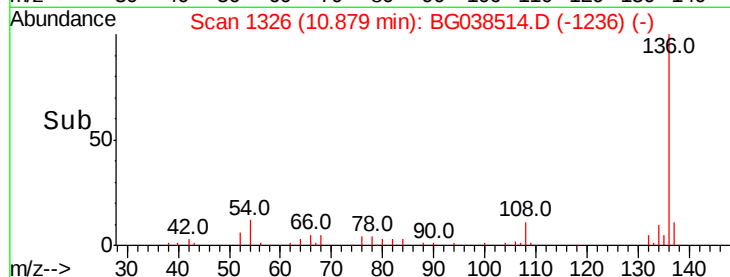
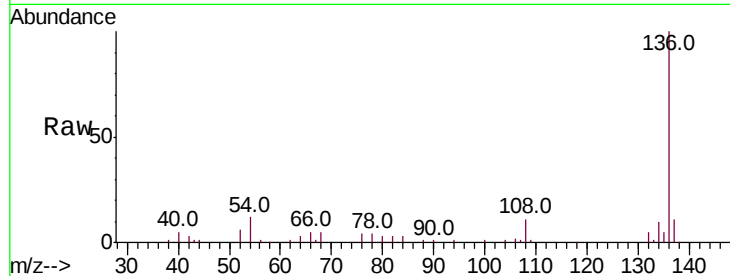




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

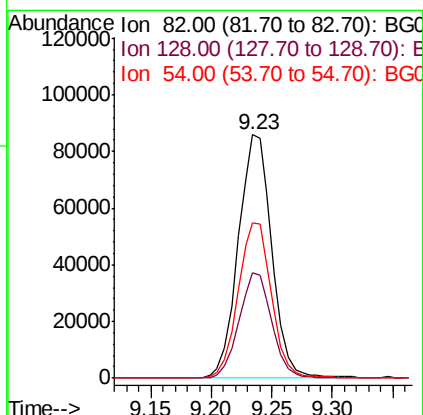
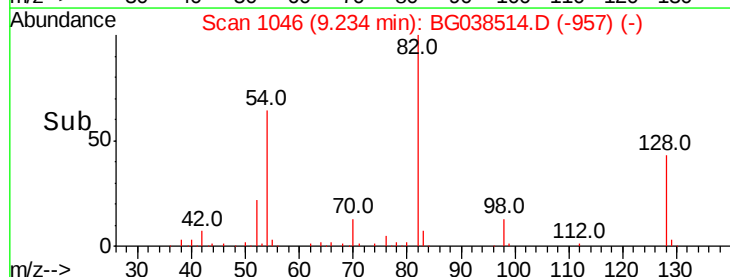
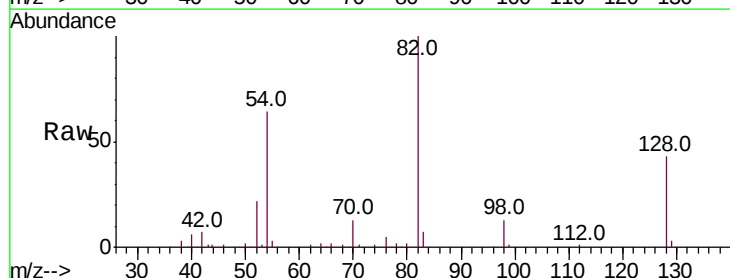
Instrument :
BNA_G
ClientSampleId :
TP-3

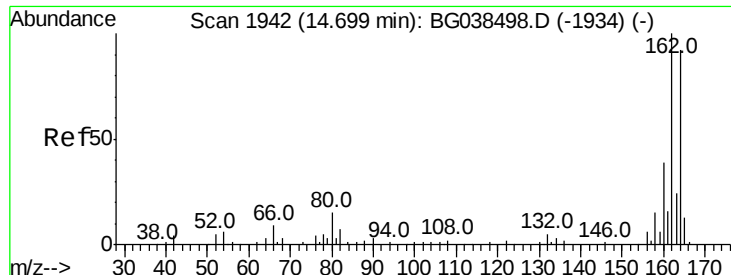
Tot Ion:136	Resp:	84087
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.3 13.9
54	11.9	8.5 12.7
68	5.4	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 100.330 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 82	Resp:	165139
Ion Ratio	Lower	Upper
82	100	
128	43.1	34.6 52.0
54	63.8	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: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

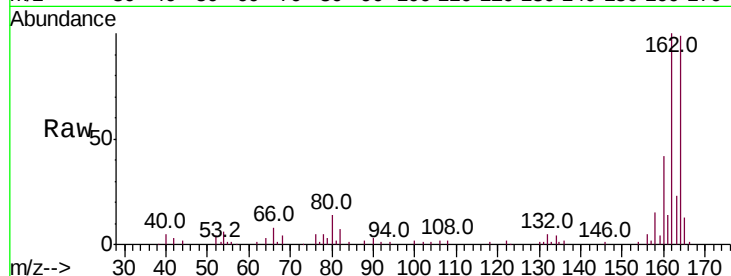
BNA_G

ClientSampleId :

TP-3

Tot Ion:164 Resp: 56939

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.6	130.0
160	42.4	34.2	51.2

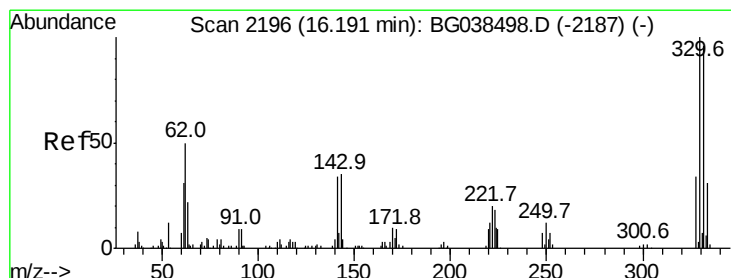
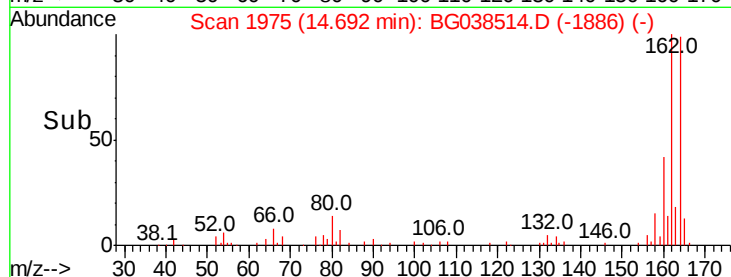
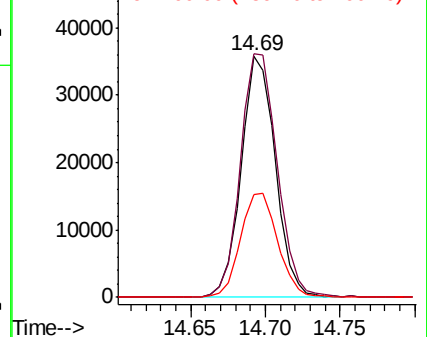


Abundance

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: 165.004 ng

RT: 16.18 min Scan# 2229

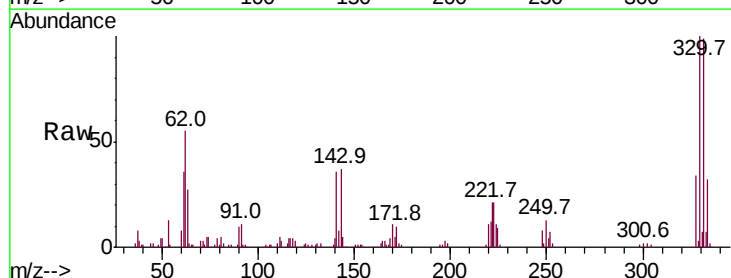
Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Tgt Ion:330 Resp: 129482

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	36.1	28.8	43.2

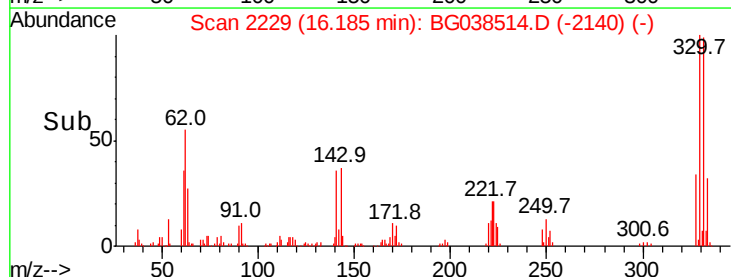
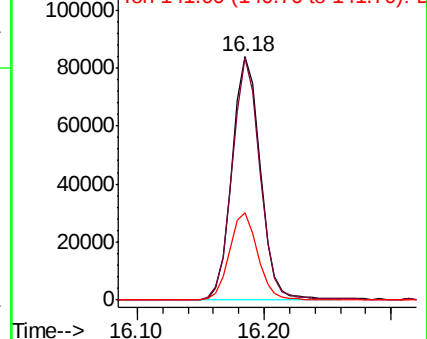


Abundance

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

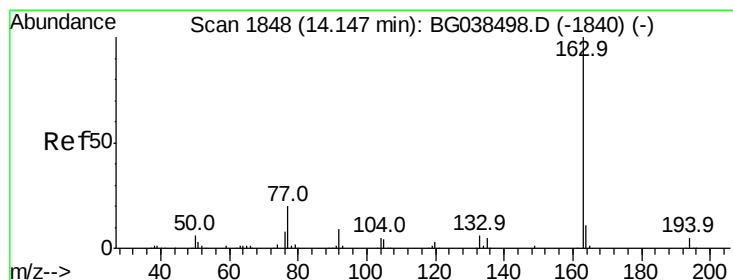
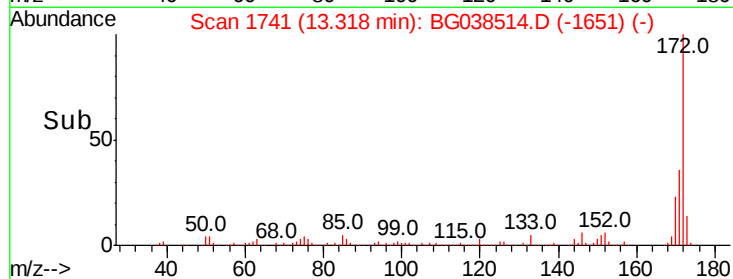
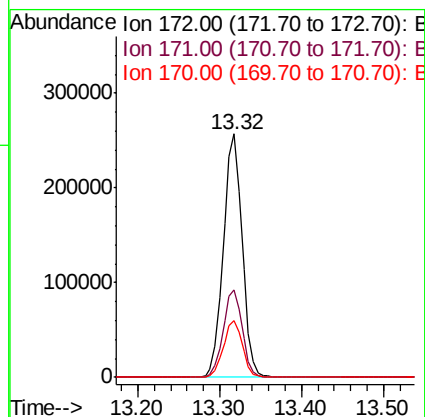
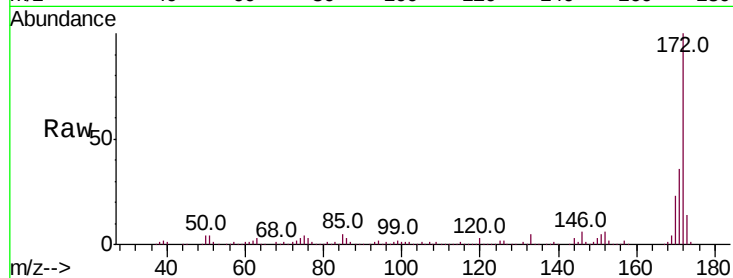




#45
 2-Fluorobiphenyl
 Concen: 99.148 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

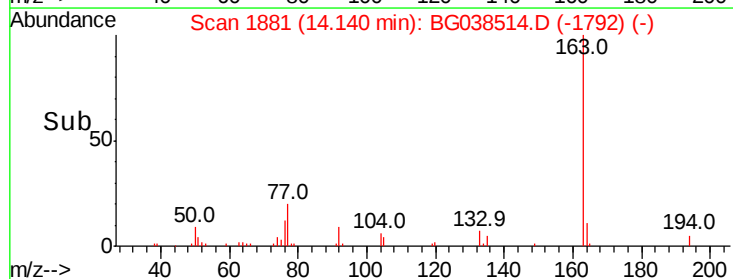
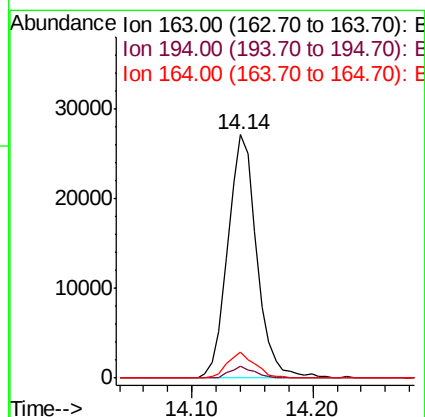
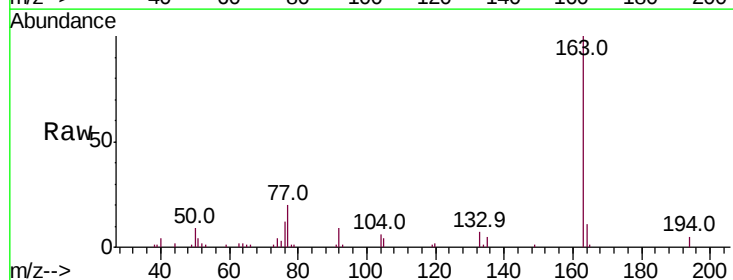
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

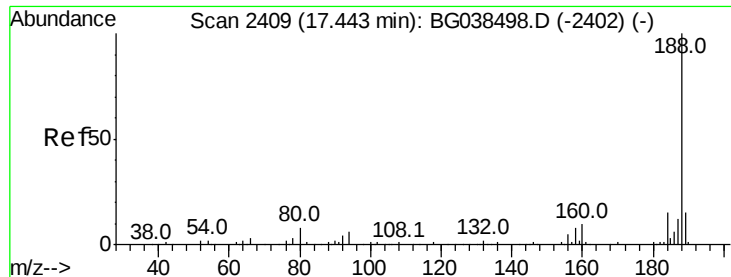
Tot Ion:	172	Resp:	411516
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	23.2	19.5	29.3



#50
 Dimethylphthalate
 Concen: 9.727 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Tgt Ion:	163	Resp:	45227
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	10.7	8.6	12.8

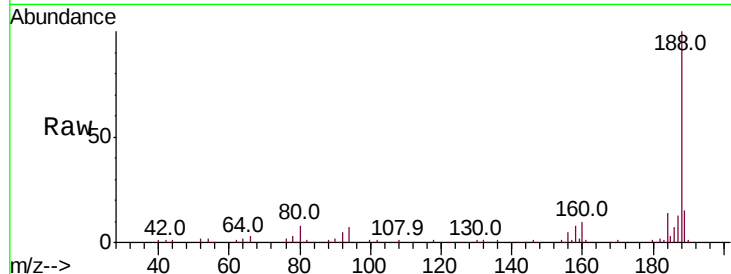




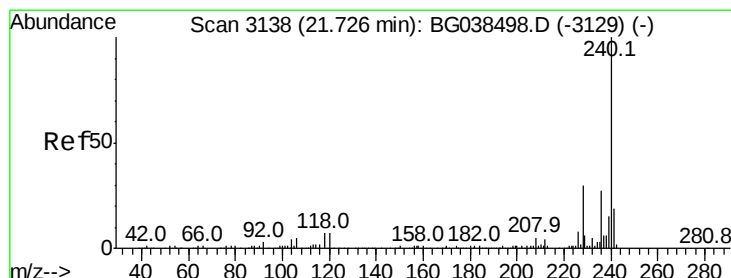
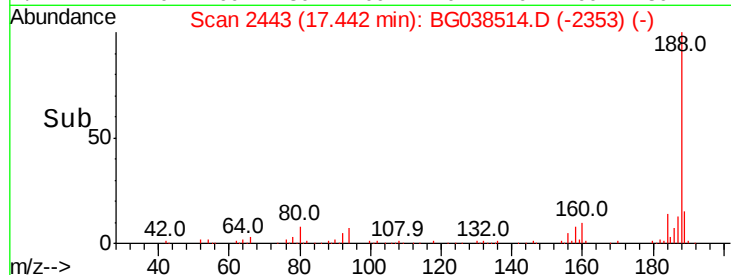
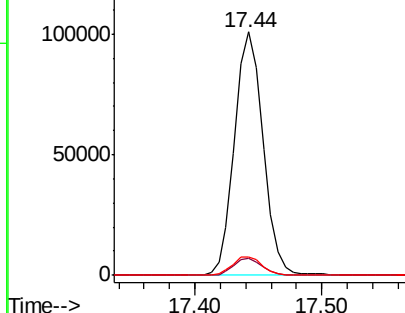
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	7.8	6.1	9.1

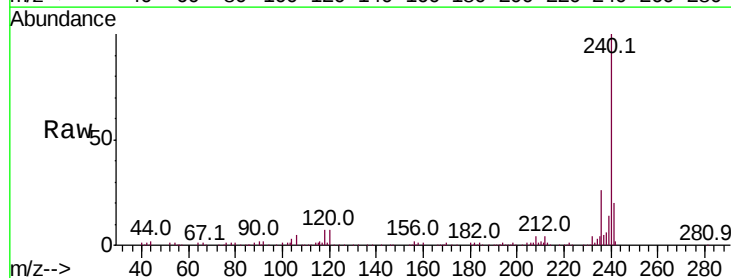


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

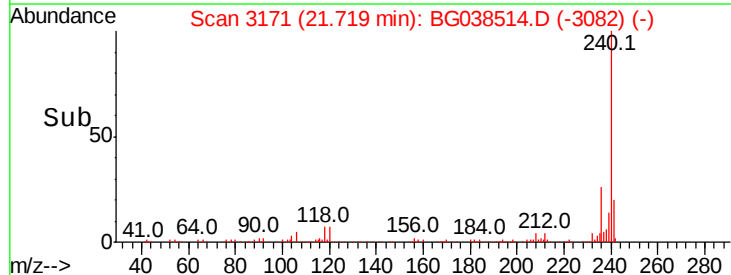
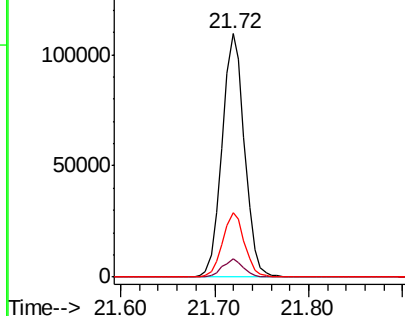


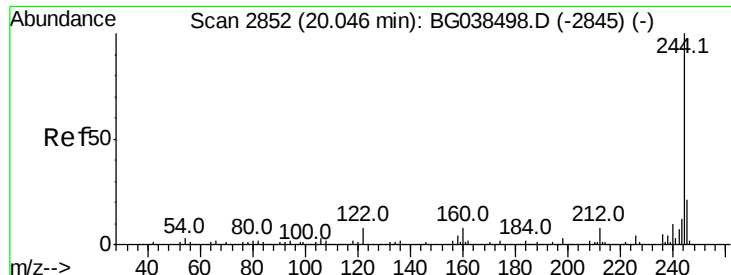
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	26.2	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: 104.210 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

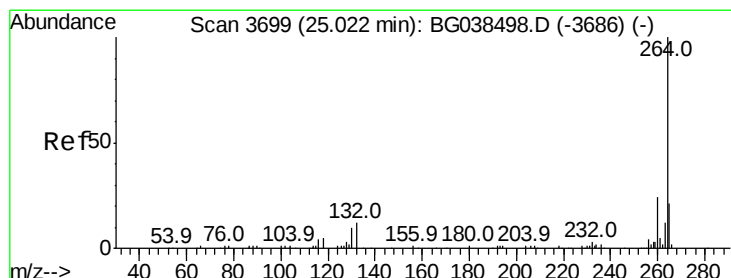
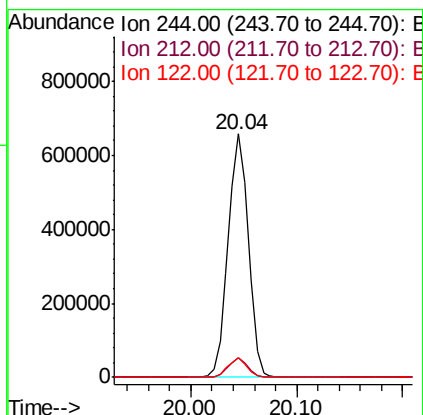
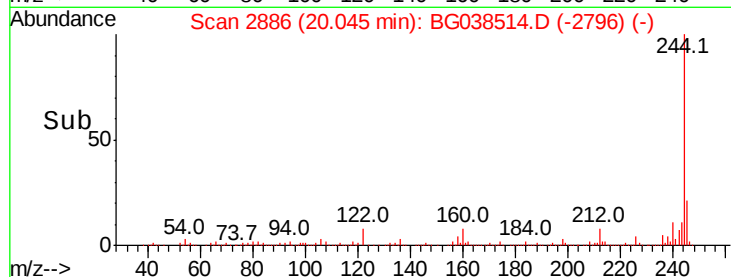
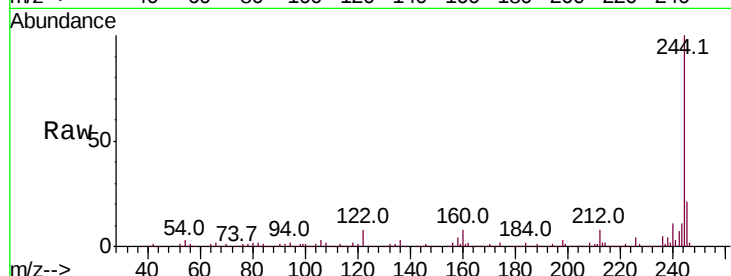
Tot Ion:244 Resp: 868954

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.8 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Tgt Ion:264 Resp: 195035

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.1 17.0 25.4

