

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038724.D
 Acq On : 19 Dec 2018 11:46
 Operator : JU/SJ
 Sample : J6398-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-121118

Quant Time: Dec 19 12:43:41 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	24299	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	99371	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68525	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183084	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197365	20.00	ng	0.00
87) Perylene-d12	25.02	264	205409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	87680	64.00	ng	0.00
7) Phenol-d6	7.21	99	73134	38.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	181988	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154197	163.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	469696	94.03	ng	0.00
79) Terphenyl-d14	20.05	244	968422	106.79	ng	0.00

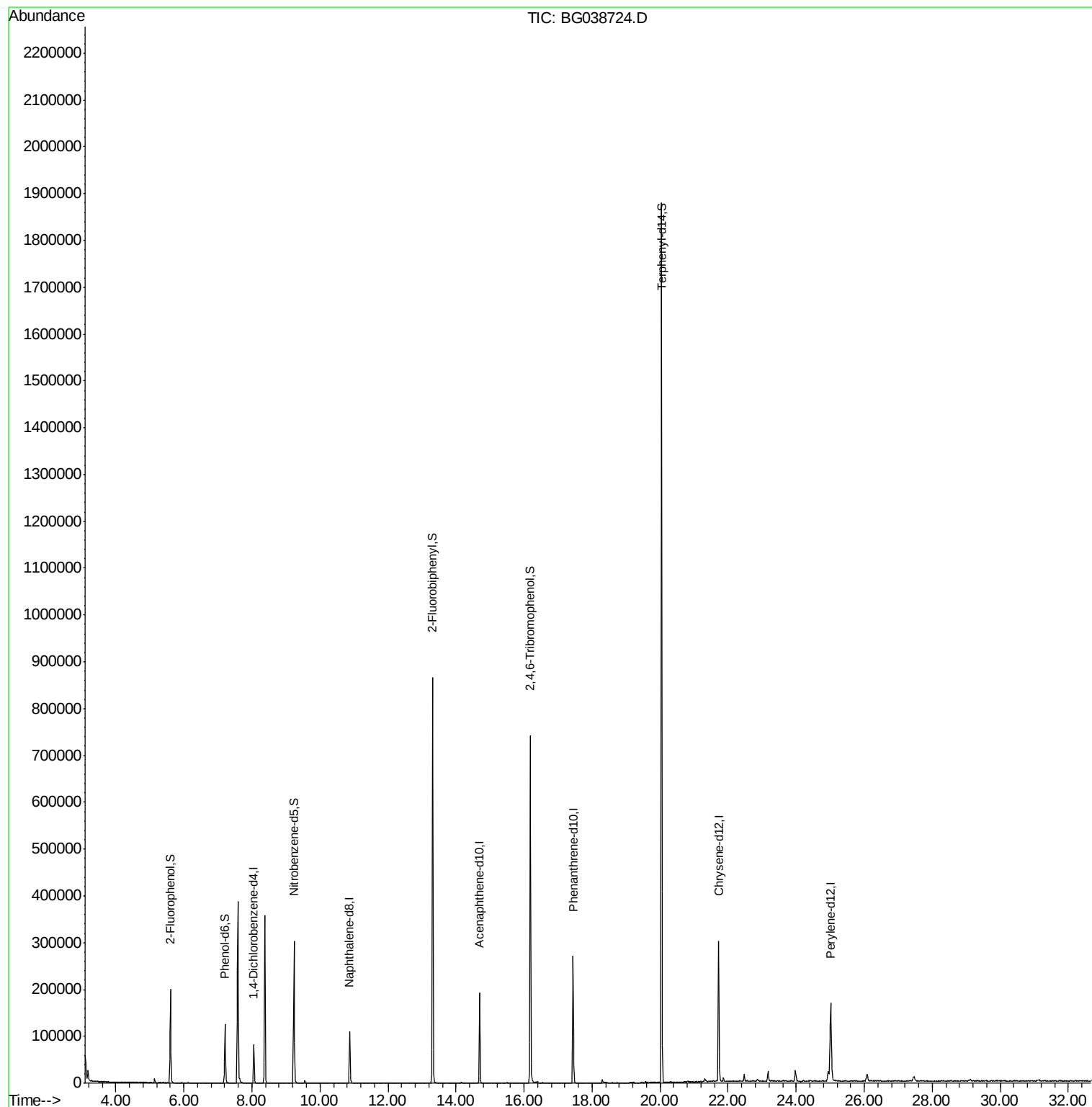
Target Compounds Qvalue

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

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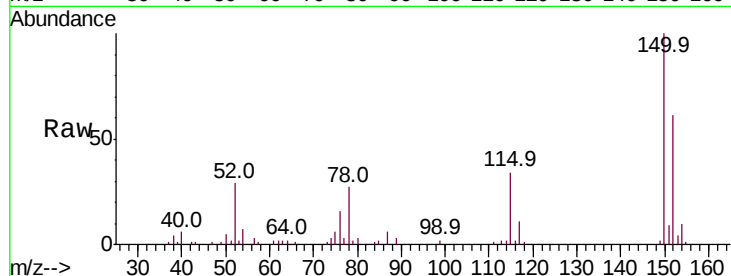


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-121118

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	119.5	179.3
115	56.0	49.6	74.4

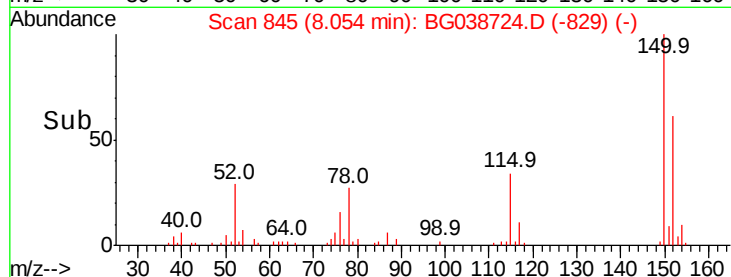
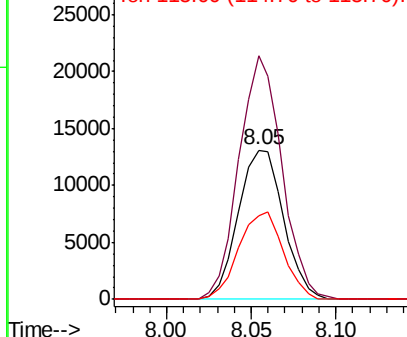


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

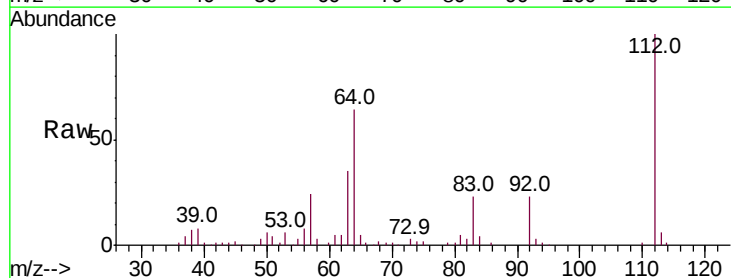
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 64.000 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.4	80.2
63	35.2	29.3	43.9

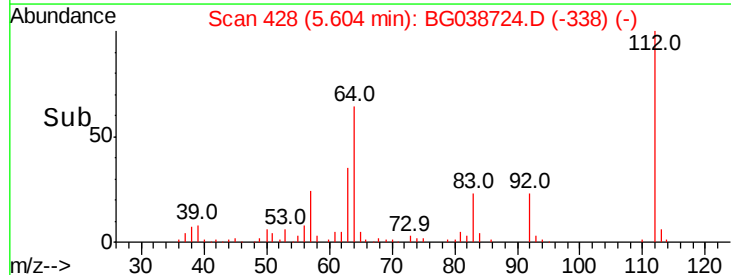
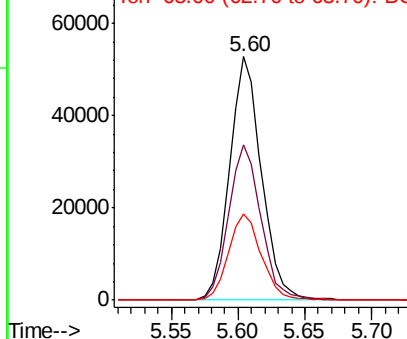


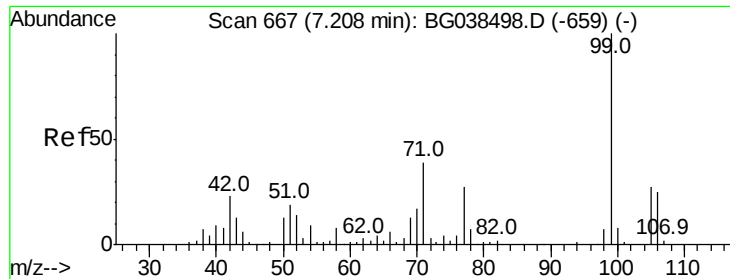
Abundance

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: 38.886 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

Instrument :

BNA_G

ClientSampleId :

C-MW-07-121118

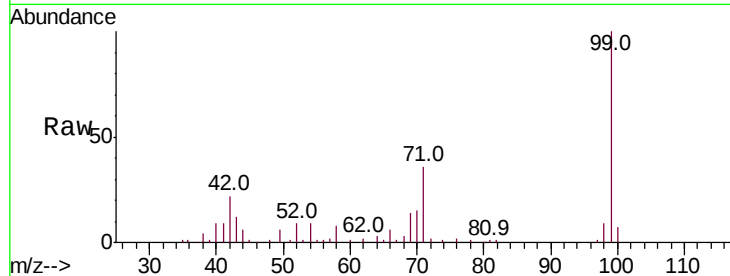
Tot Ion: 99 Resp: 73134

Ion Ratio Lower Upper

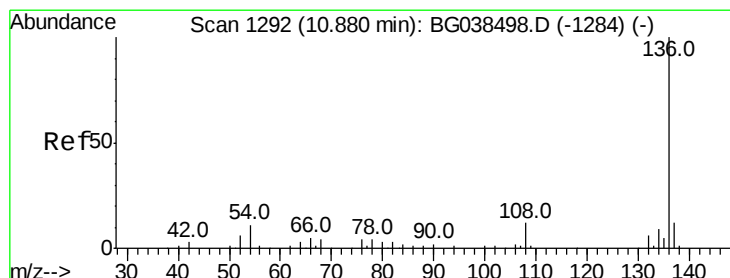
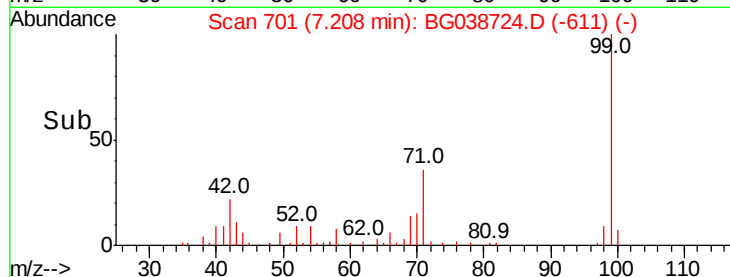
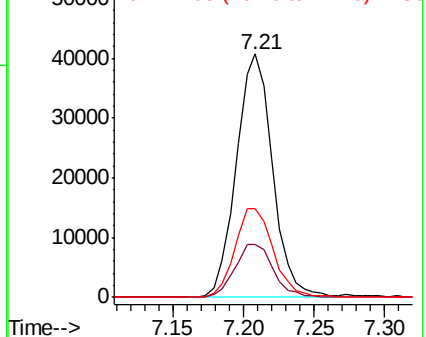
99 100

42 21.8 18.5 27.7

71 36.4 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: BG038724.D

Acq: 19 Dec 2018 11:46

Tgt Ion: 136 Resp: 99371

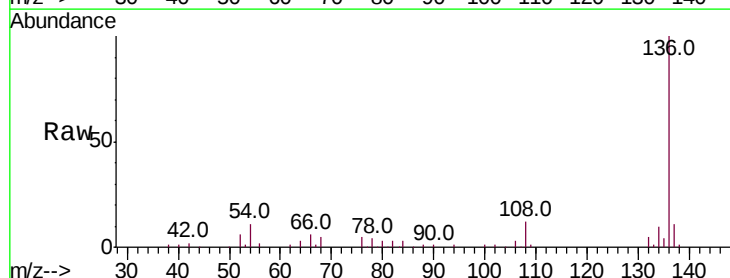
Ion Ratio Lower Upper

136 100

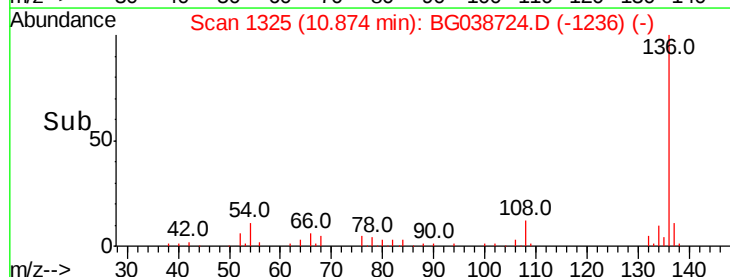
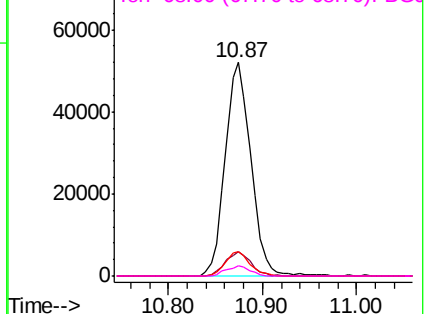
137 11.3 9.3 13.9

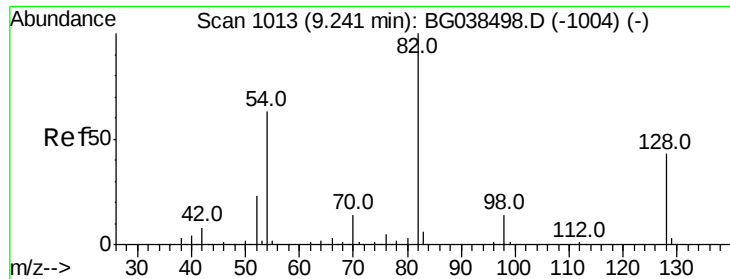
54 11.2 8.5 12.7

68 4.7 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): BGC
Ion 68.00 (67.70 to 68.70): BGC

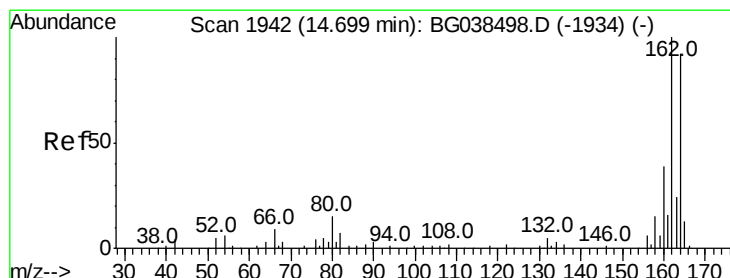
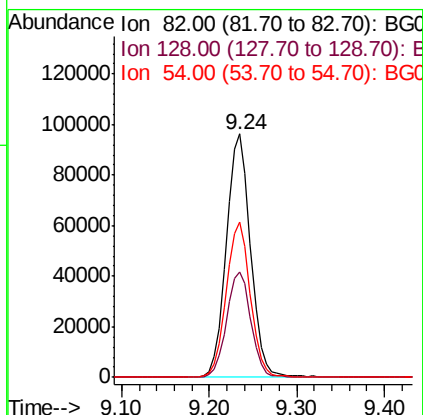
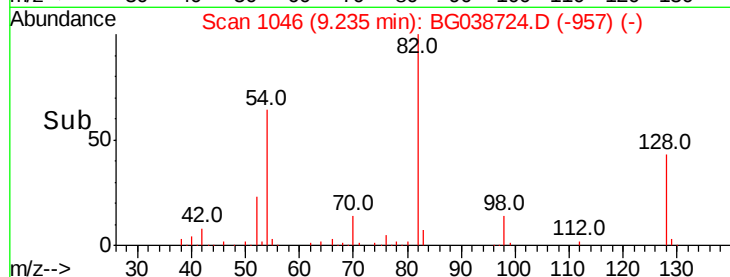
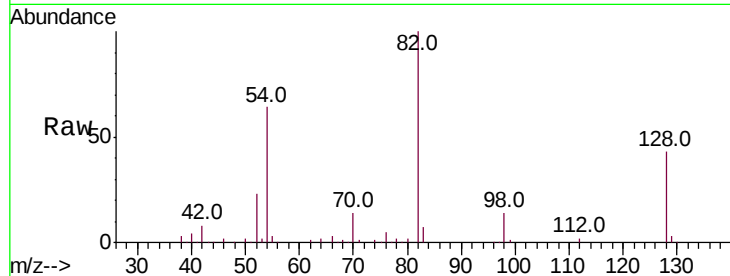




#23
Nitrobenzene-d5
Concen: 93.561 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

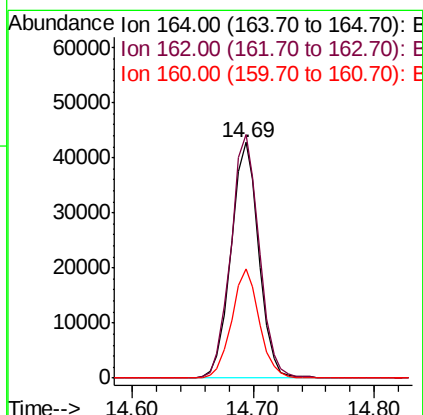
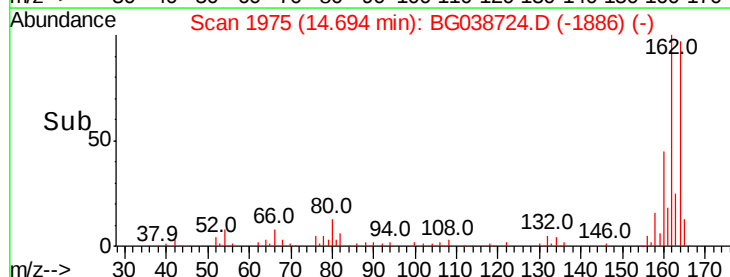
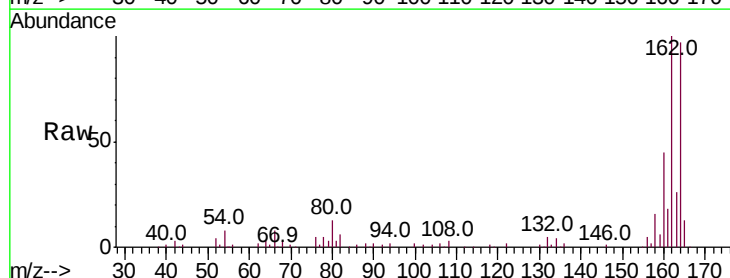
Instrument :
BNA_G
ClientSampleId :
C-MW-07-121118

Tot Ion: 82 Resp: 181988
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 63.7 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: BG038724.D
Acq: 19 Dec 2018 11:46

Tgt Ion:164 Resp: 68525
Ion Ratio Lower Upper
164 100
162 103.5 86.6 130.0
160 46.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 163.275 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

Instrument :

BNA_G

ClientSampleId :

C-MW-07-121118

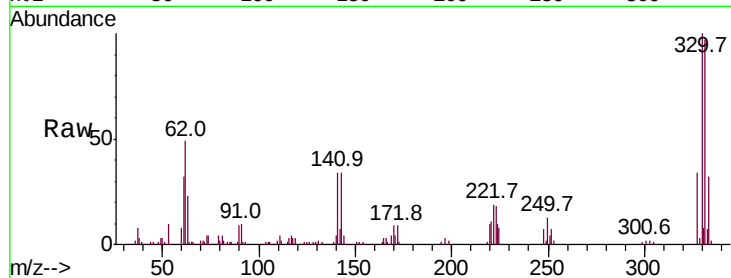
Tot Ion:330 Resp: 154197

Ion Ratio Lower Upper

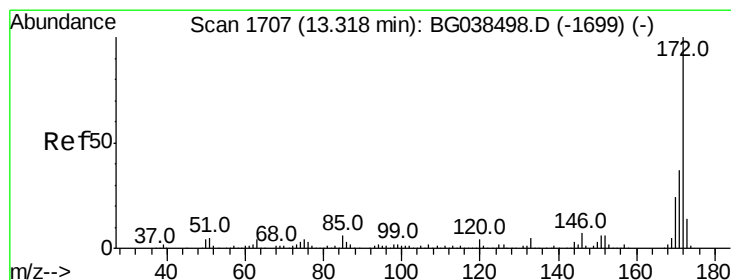
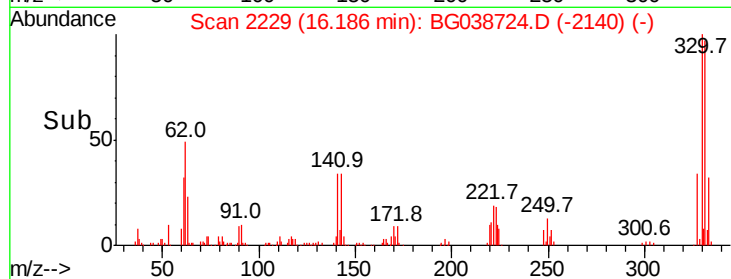
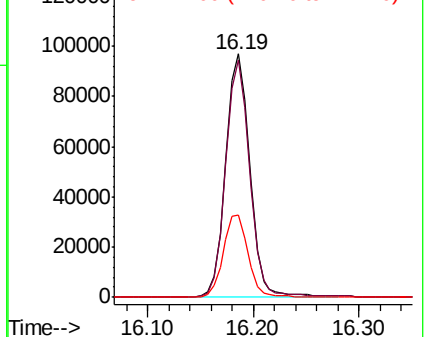
330 100

332 97.3 76.9 115.3

141 34.5 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: 94.032 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

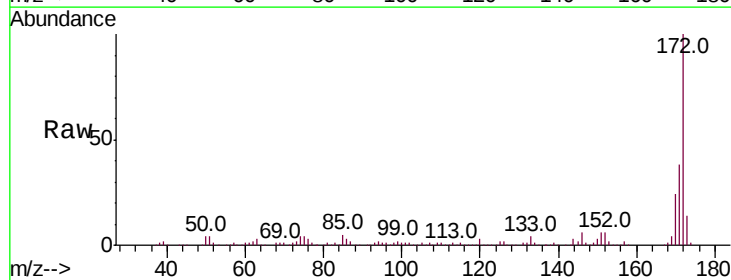
Tgt Ion:172 Resp: 469696

Ion Ratio Lower Upper

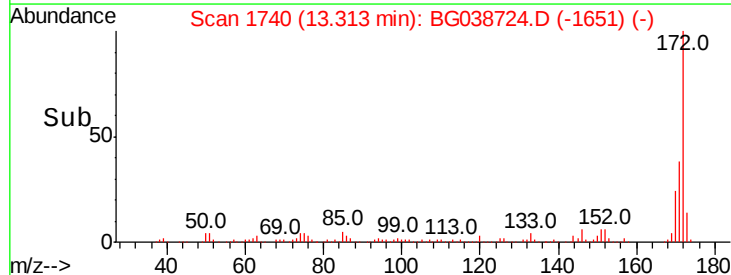
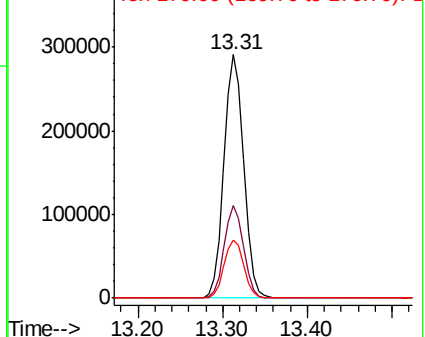
172 100

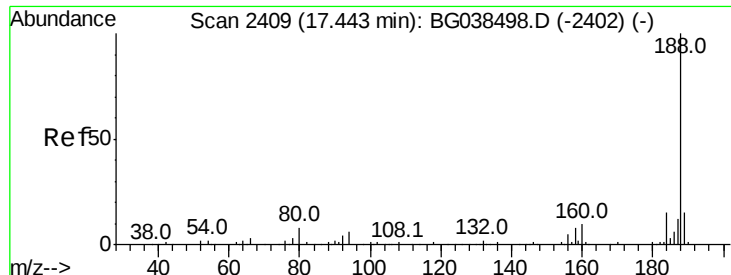
171 37.9 29.8 44.6

170 23.7 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

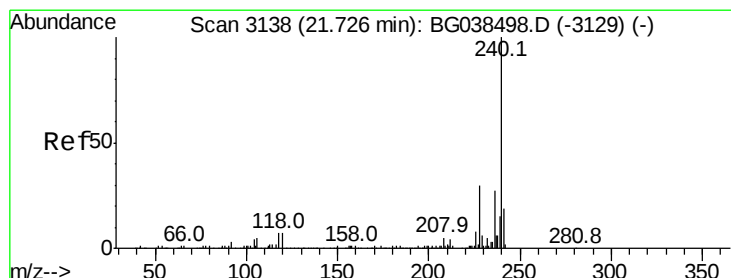
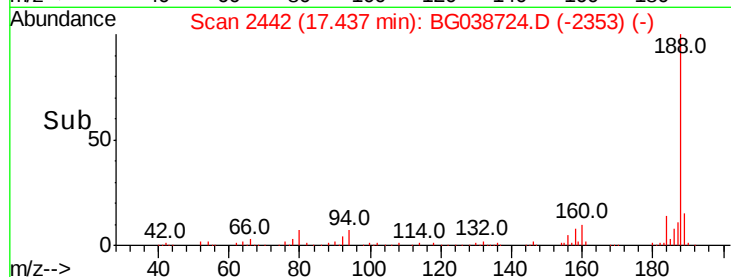
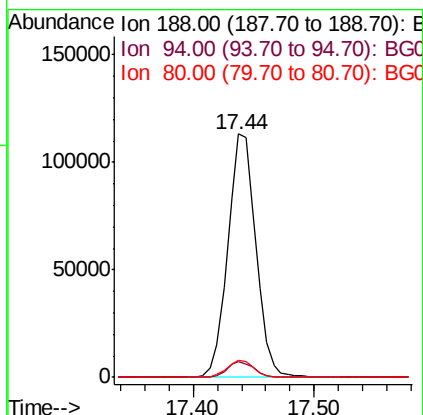
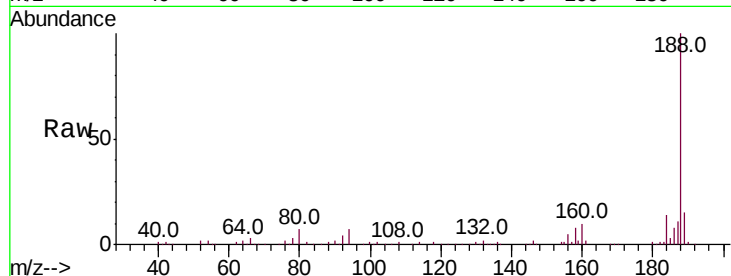




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

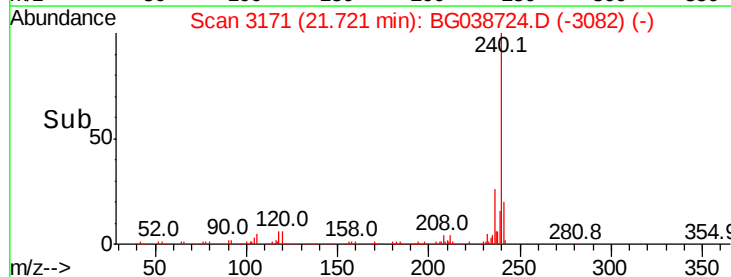
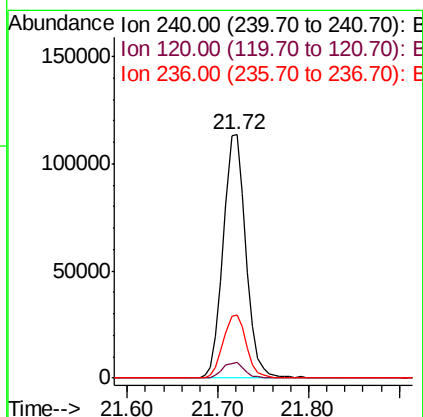
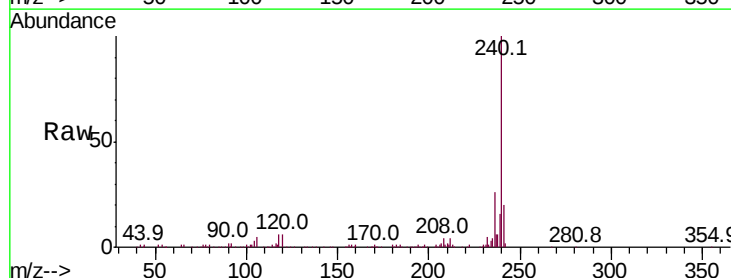
Instrument :
BNA_G
ClientSampleId :
C-MW-07-121118

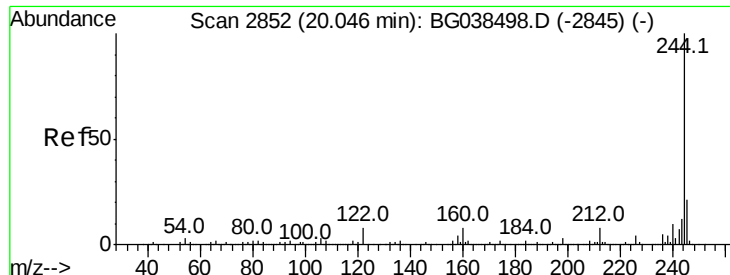
Tot Ion:188 Resp: 183084
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.2 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

Tgt Ion:240 Resp: 197365
Ion Ratio Lower Upper
240 100
120 6.5 5.3 7.9
236 25.9 21.4 32.2





#79

Terphenyl-d14

Concen: 106.787 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

Instrument :

BNA_G

ClientSampleId :

C-MW-07-121118

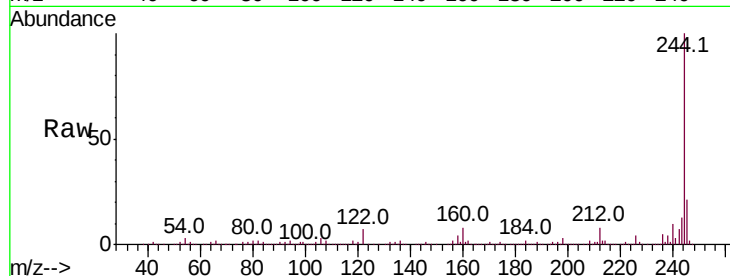
Tot Ion:244 Resp: 968422

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

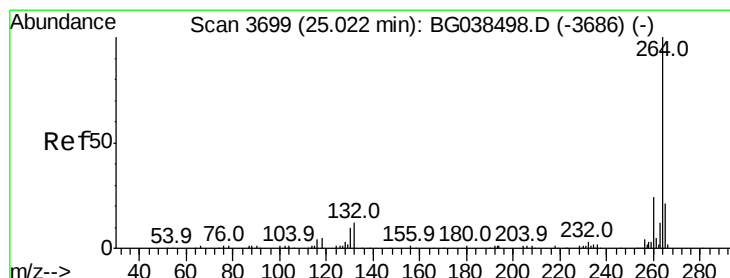
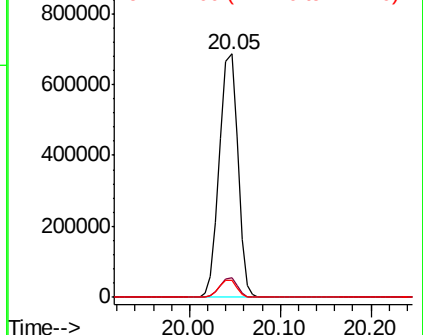
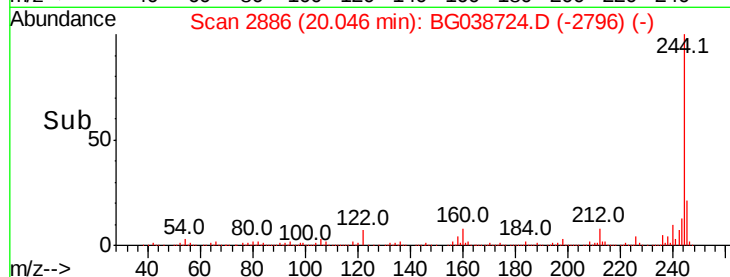
122 6.9 6.3 9.5



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: BG038724.D

Acq: 19 Dec 2018 11:46

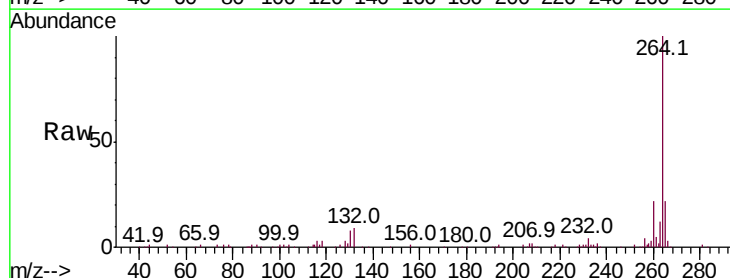
Tgt Ion:264 Resp: 205409

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

265 21.6 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

