

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045407.D
 Acq On : 15 May 2020 21:56
 Operator : CG/JU
 Sample : L2668-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: May 16 00:42:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

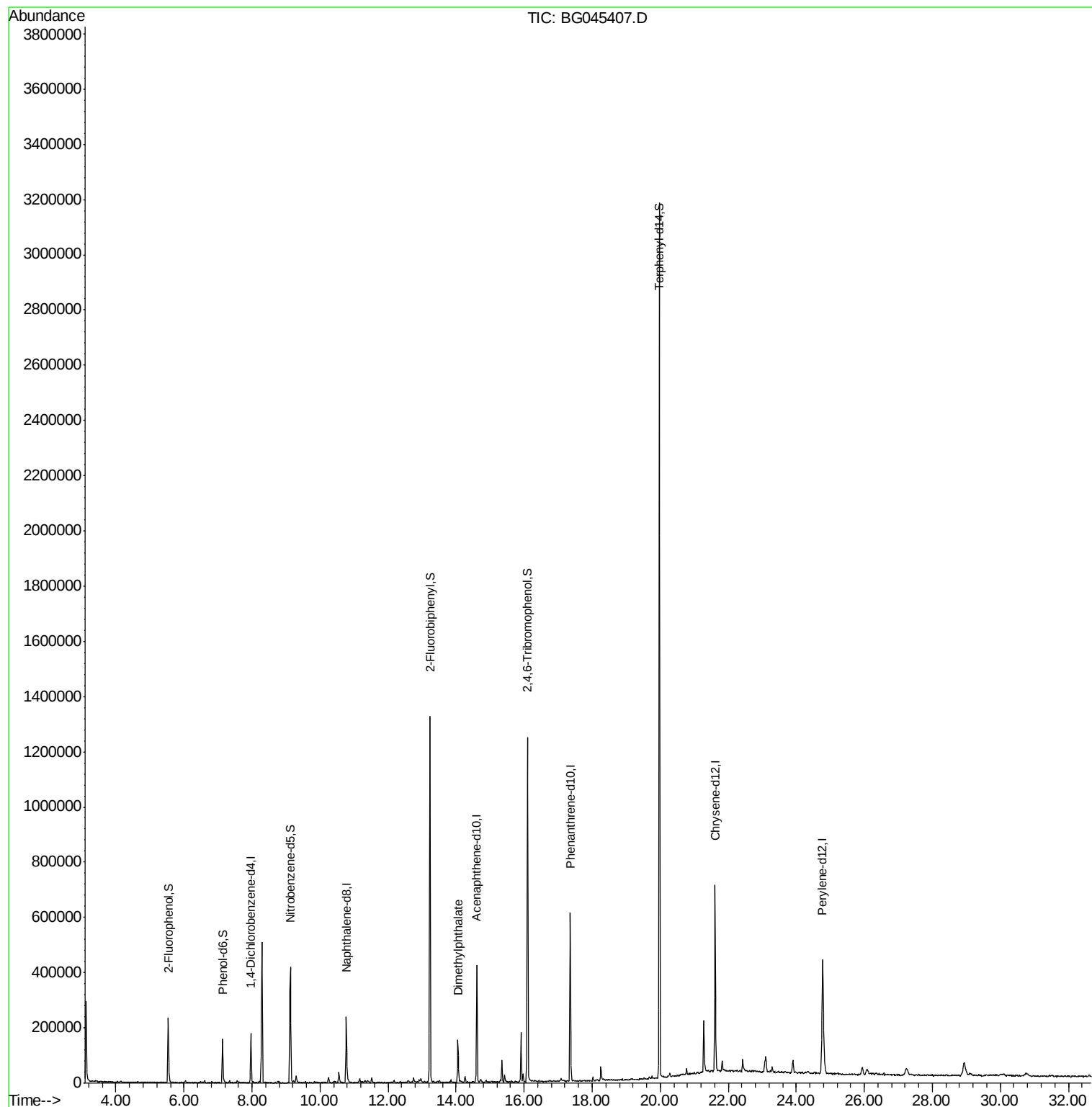
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	54749	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	219064	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	158528	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	392395	20.00	ng	0.00
76) Chrysene-d12	21.62	240	427236	20.00	ng	0.00
87) Perylene-d12	24.78	264	450798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	117170	41.82	ng	0.00
7) Phenol-d6	7.13	99	105046	26.34	ng	0.00
23) Nitrobenzene-d5	9.13	82	298459	74.30	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	254085	125.33	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	726102	77.69	ng	0.00
79) Terphenyl-d14	19.98	244	1547433	84.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	103863	9.551	ng	Qvalue 99

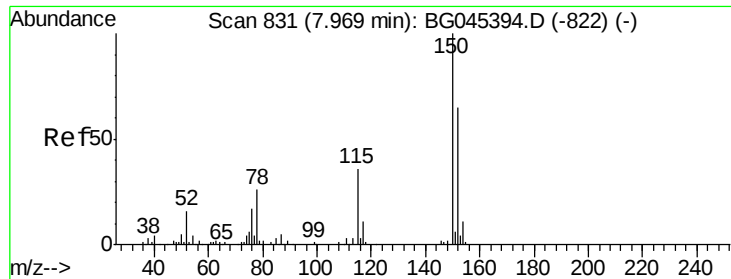
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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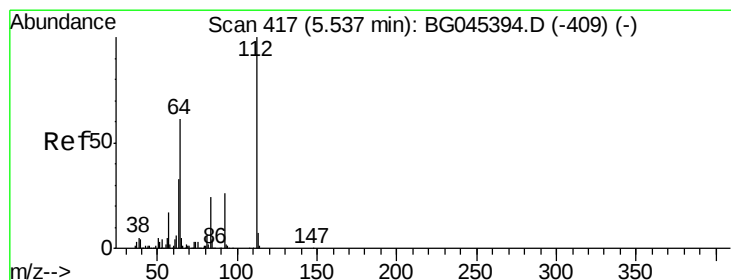
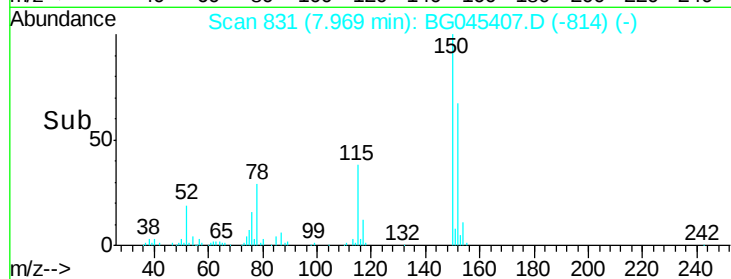
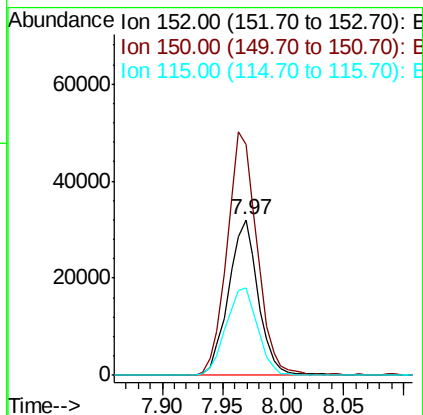
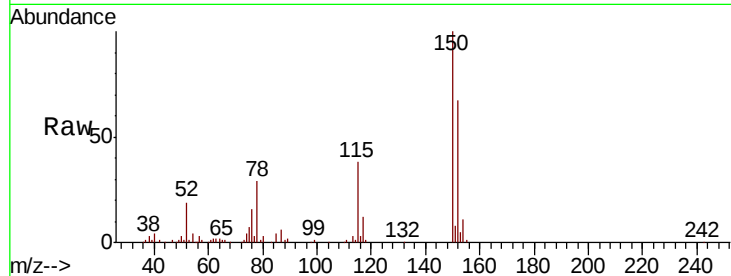


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045407.D
Acq: 15 May 2020 21:56

Instrument :
BNA_G
ClientSampleId :
MW-1

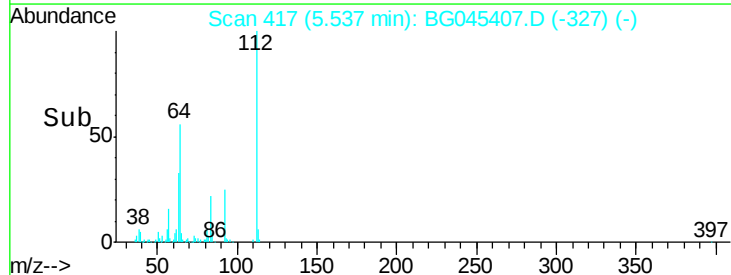
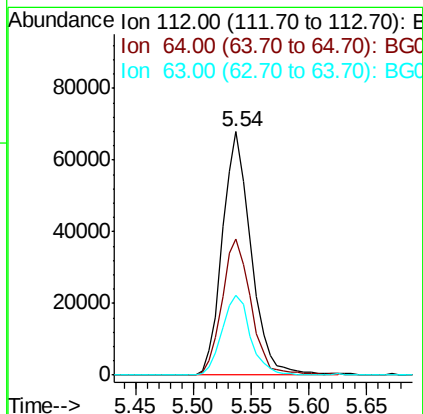
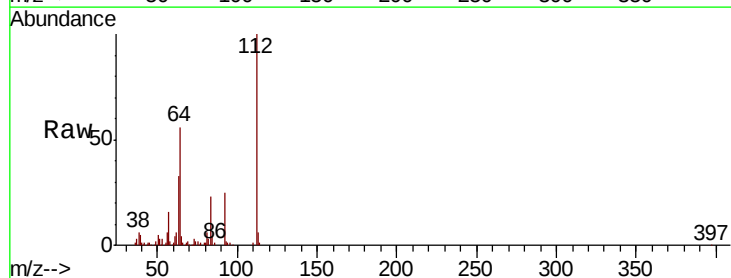
Tot Ion:152 Resp: 54749
Ion Ratio Lower Upper
152 100
150 148.4 122.4 183.6
115 55.9 44.2 66.4

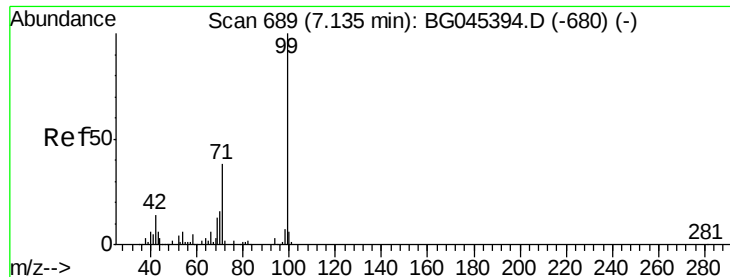


#5

2-Fluorophenol
Concen: 41.824 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045407.D
Acq: 15 May 2020 21:56

Tgt Ion:112 Resp: 117170
Ion Ratio Lower Upper
112 100
64 55.9 48.6 72.8
63 32.6 26.5 39.7





#7

Phenol-d6

Concen: 26.345 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

Instrument :

BNA_G

ClientSampleId :

MW-1

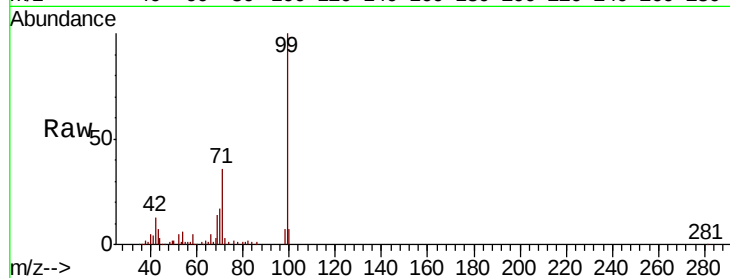
Tot Ion: 99 Resp: 105046

Ion Ratio Lower Upper

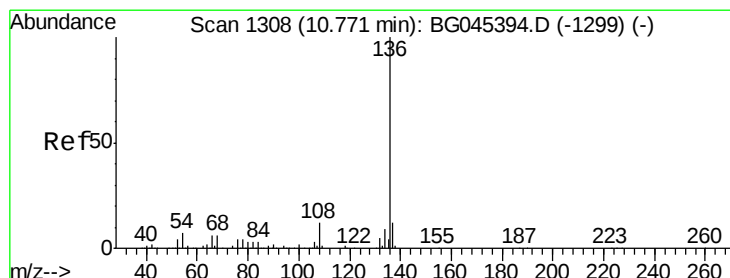
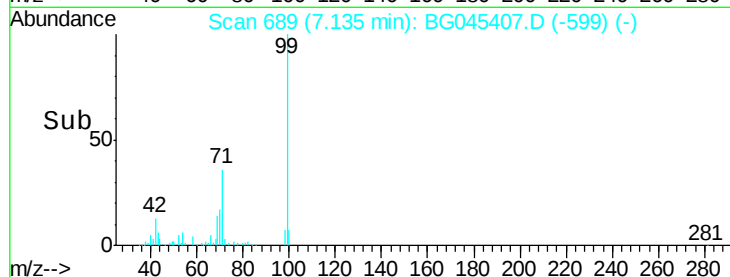
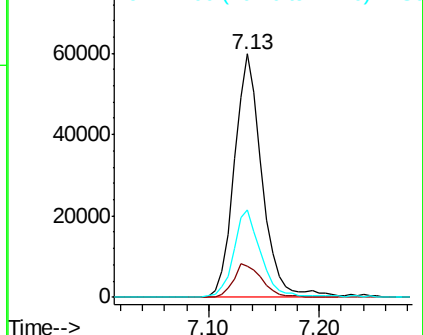
99 100

42 12.9 11.3 16.9

71 35.7 30.8 46.2



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: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

Tgt Ion: 136 Resp: 219064

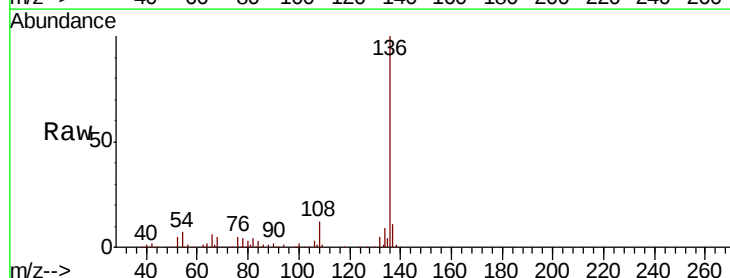
Ion Ratio Lower Upper

136 100

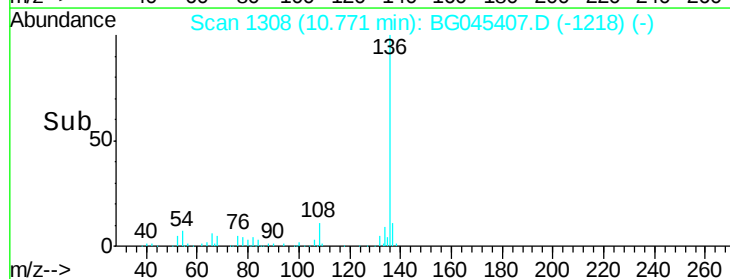
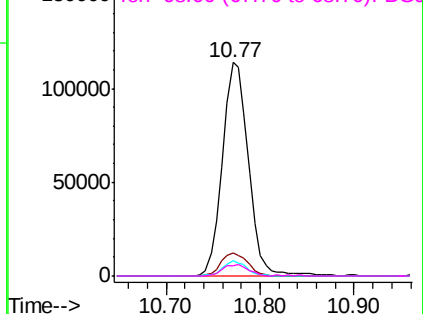
137 11.0 9.4 14.2

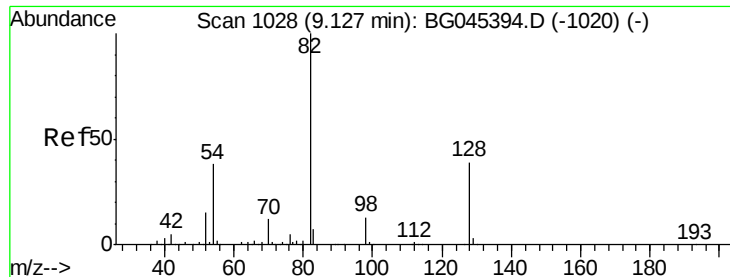
54 7.0 5.8 8.6

68 5.1 4.5 6.7



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

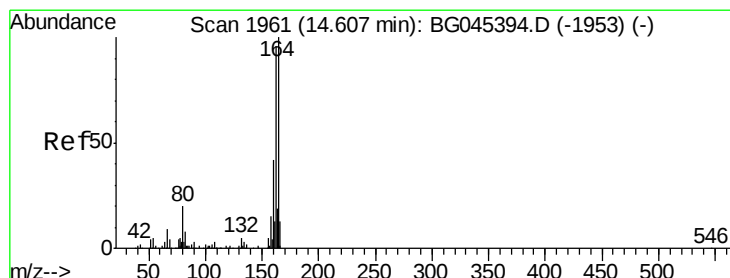
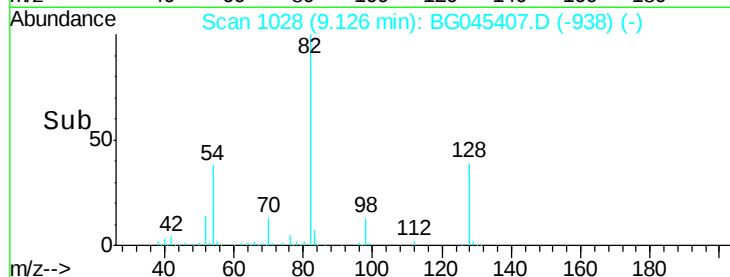
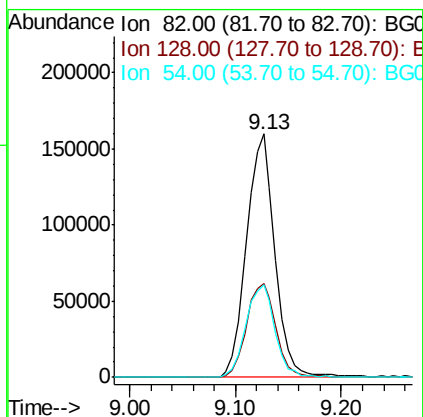
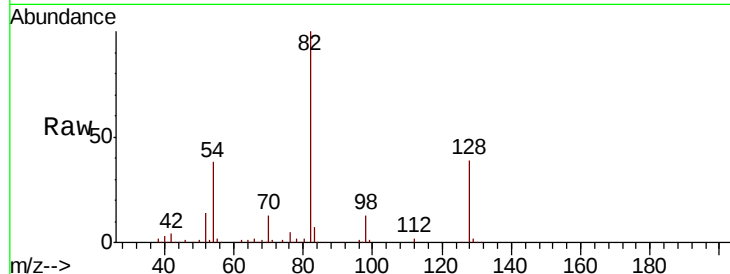




#23
 Nitrobenzene-d5
 Concen: 74.295 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045407.D
 Acq: 15 May 2020 21:56

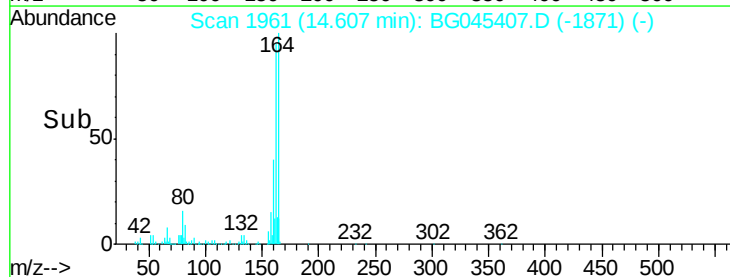
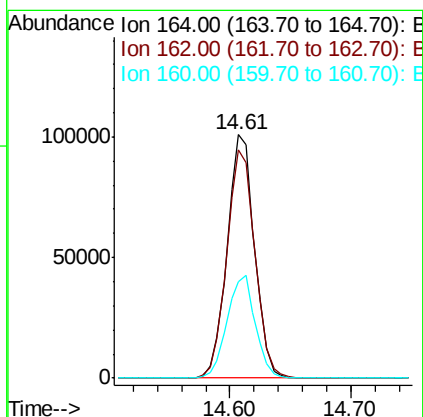
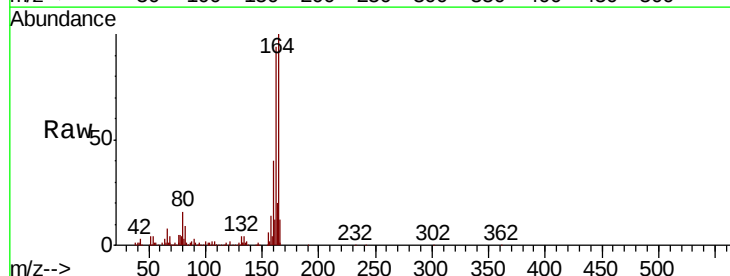
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

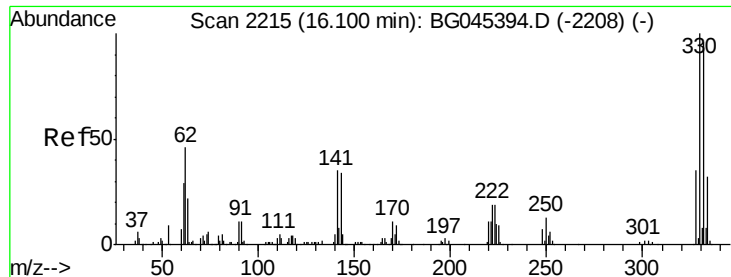
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	38.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG045407.D
 Acq: 15 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.5	76.9	115.3
160	39.6	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 125.326 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

Instrument :

BNA_G

ClientSampled :

MW-1

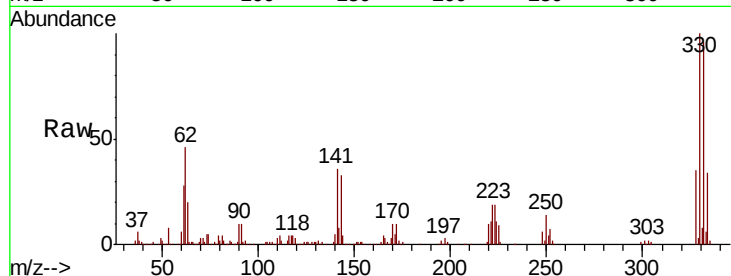
Tot Ion:330 Resp: 254085

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

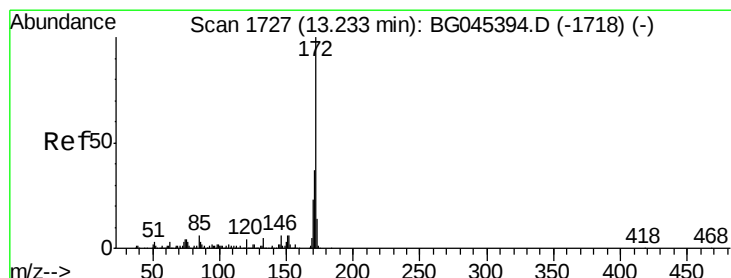
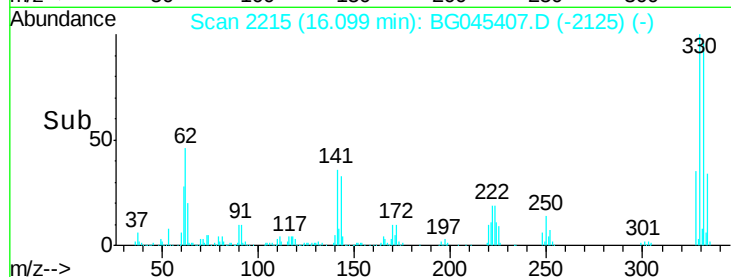
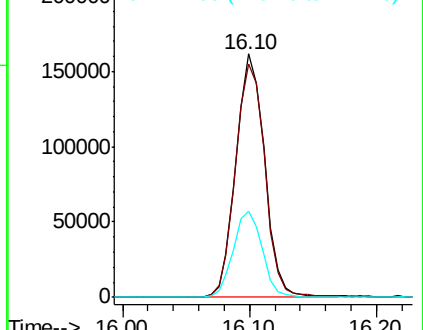
141 35.5 28.2 42.4



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: 77.691 ng

RT: 13.23 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

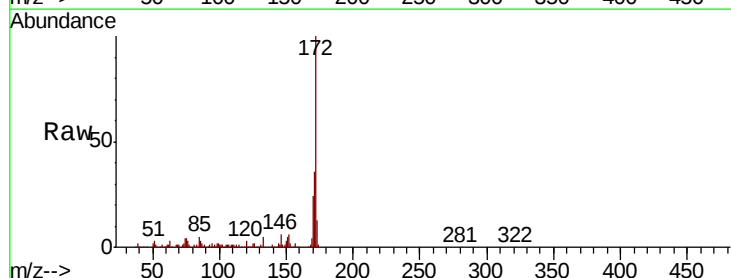
Tgt Ion:172 Resp: 726102

Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

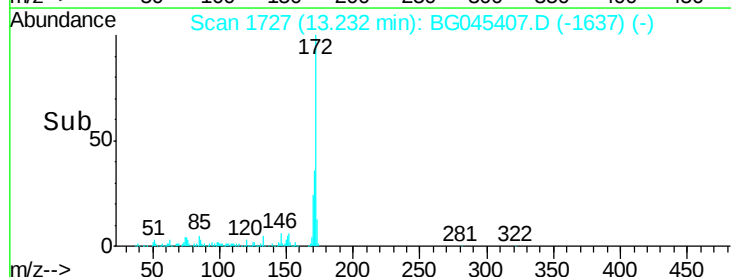
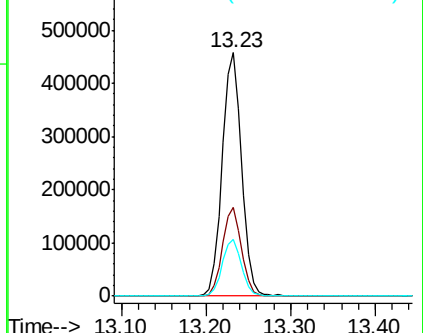
170 23.5 18.5 27.7

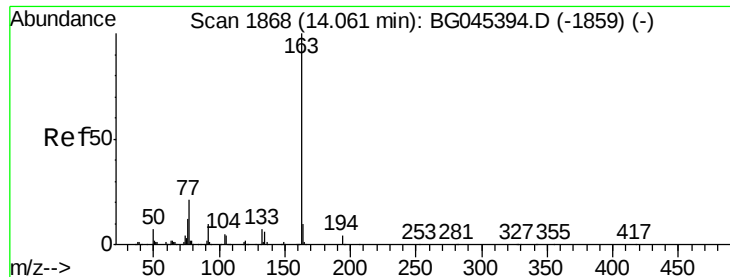


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.551 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

Instrument :

BNA_G

ClientSampleId :

MW-1

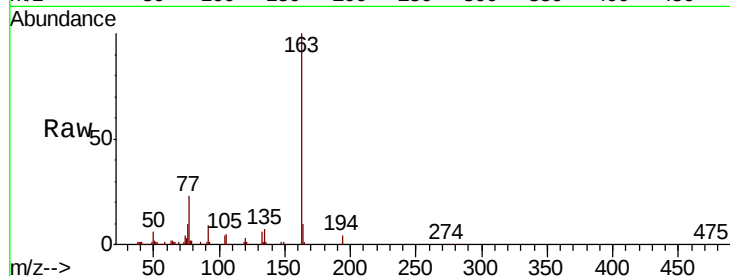
Tot Ion:163 Resp: 103863

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

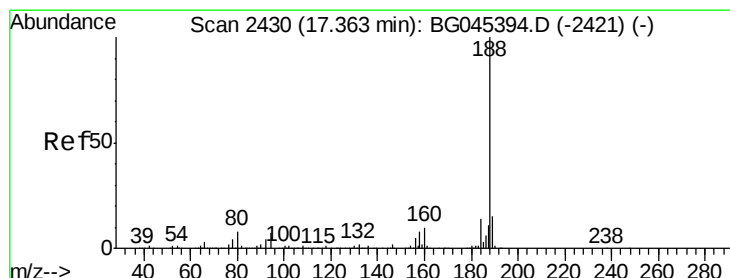
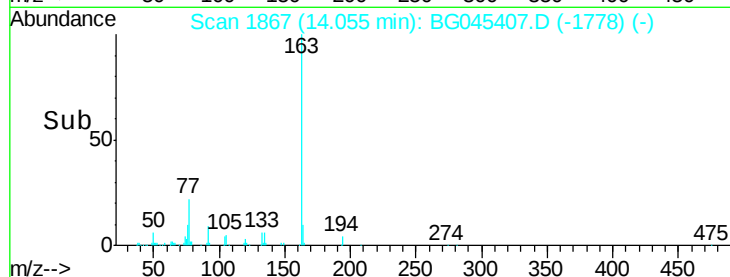
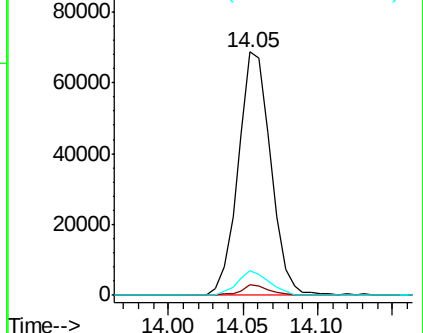
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

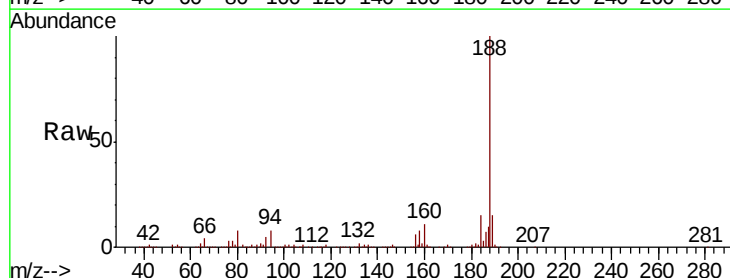
Tgt Ion:188 Resp: 392395

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

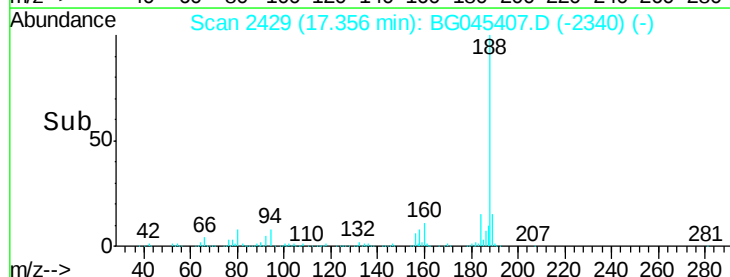
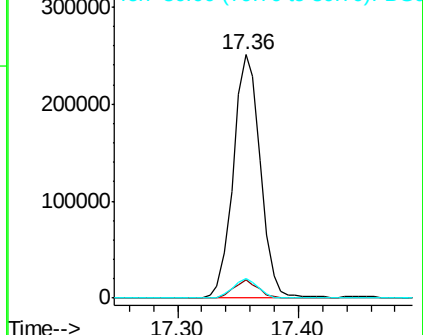
80 8.2 6.6 10.0

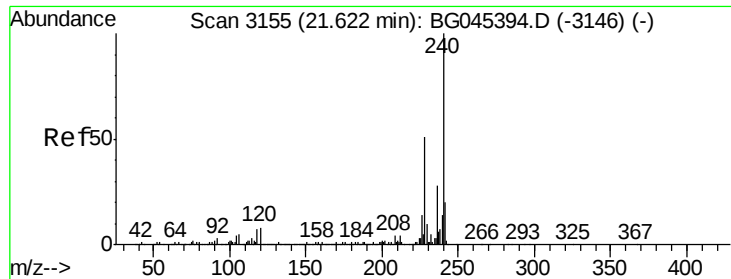


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

Instrument :

BNA_G

ClientSampleId :

MW-1

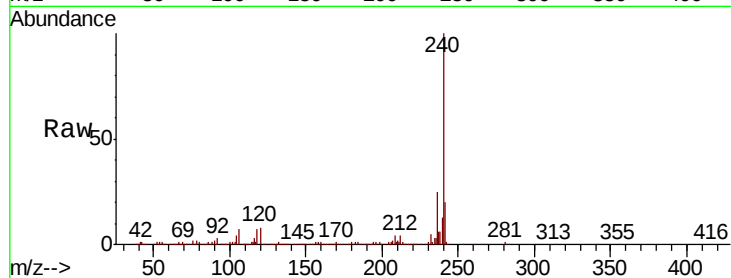
Tot Ion:240 Resp: 427236

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

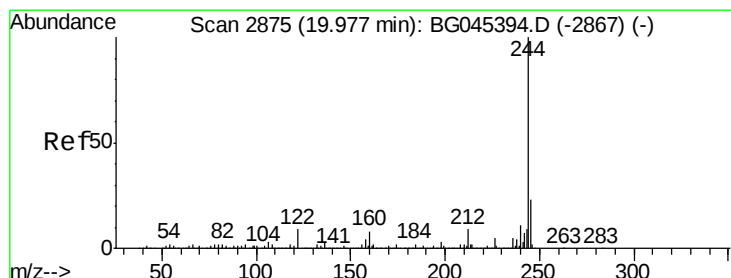
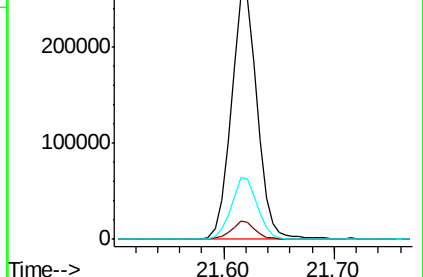
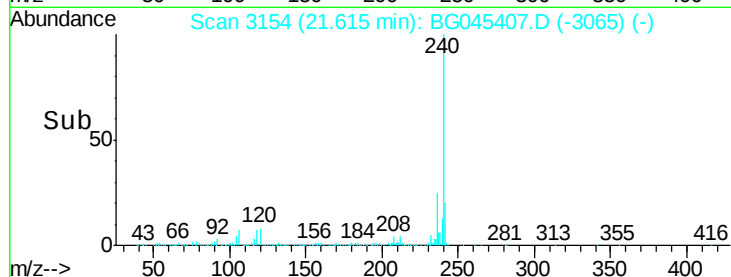
236 25.5 22.3 33.5



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: 84.475 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045407.D

Acq: 15 May 2020 21:56

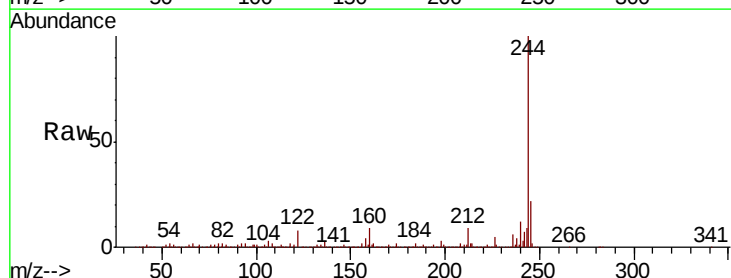
Tgt Ion:244 Resp: 1547433

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

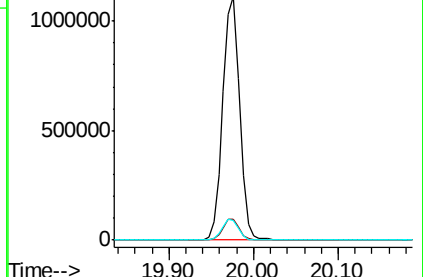
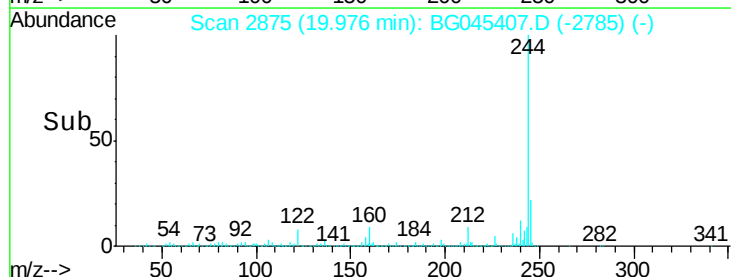
122 8.1 6.8 10.2

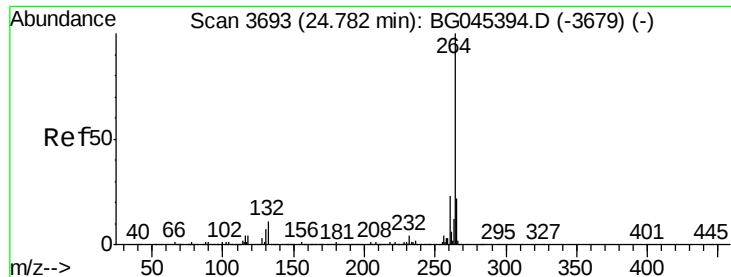


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG045407.D
Acq: 15 May 2020 21:56

Instrument :
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Tot Ion:	264	Resp:	450798
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.0	17.6	26.4

