

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045641.D
 Acq On : 8 Jun 2020 13:36
 Operator : CG/JU
 Sample : L2903-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jun 08 15:25:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

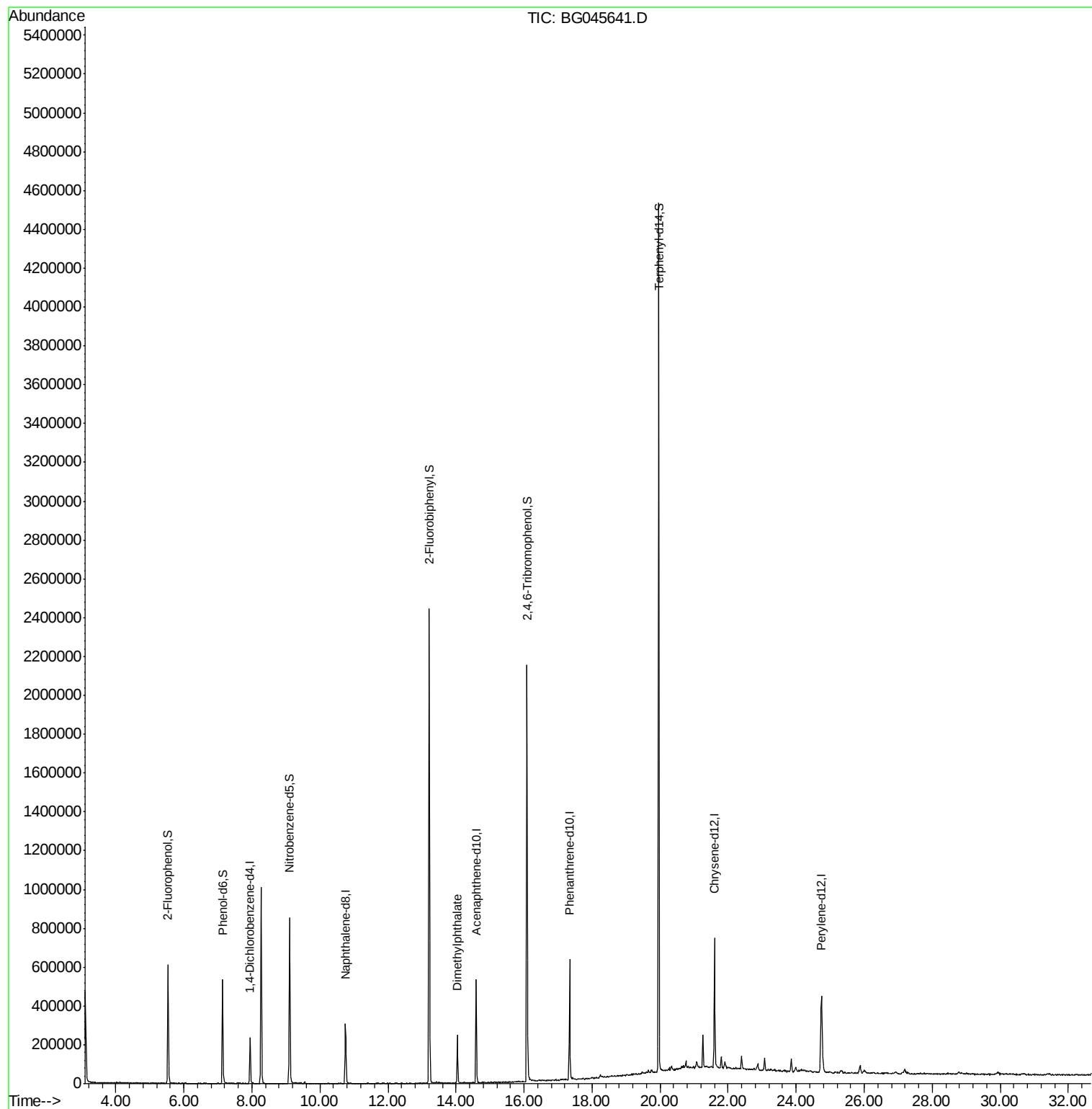
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	69291	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	278314	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	188356	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	417415	20.00	ng	0.00
76) Chrysene-d12	21.60	240	422349	20.00	ng	0.00
87) Perylene-d12	24.74	264	447517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	302962	85.45	ng	0.00
7) Phenol-d6	7.14	99	349597	69.28	ng	0.00
23) Nitrobenzene-d5	9.11	82	603239	118.20	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	452002	187.64	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1362177	122.67	ng	0.00
79) Terphenyl-d14	19.96	244	2164629	119.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	169199	13.095	ng	Qvalue 99

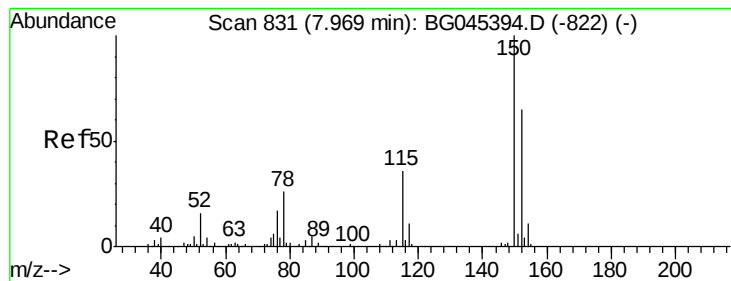
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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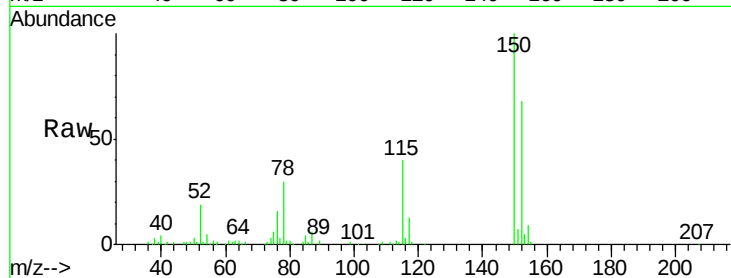


#1

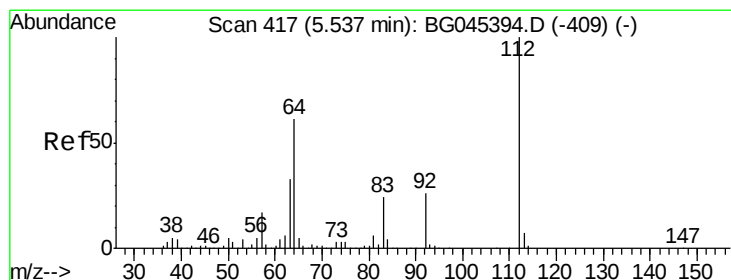
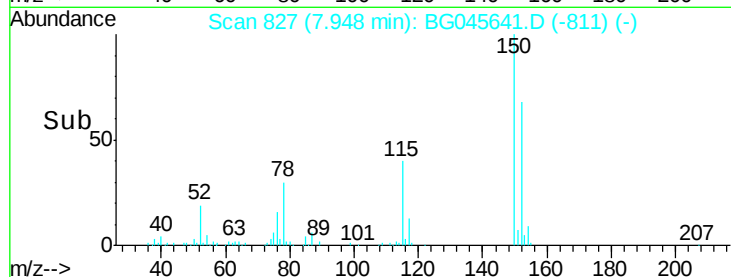
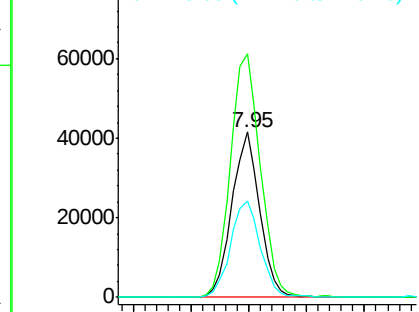
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:152 Resp: 69291
Ion Ratio Lower Upper
152 100
150 147.6 122.4 183.6
115 58.4 44.2 66.4



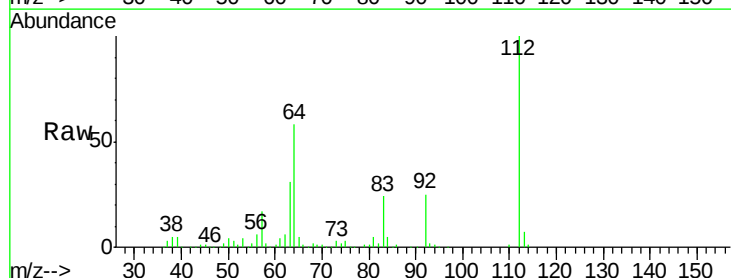
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



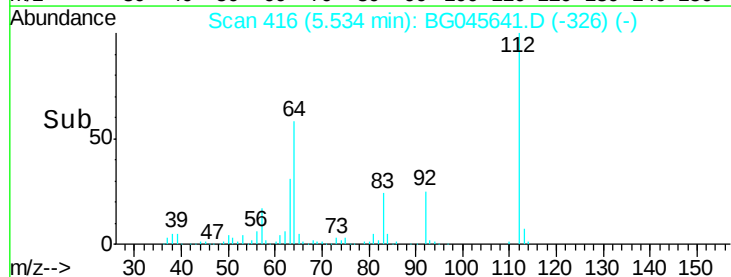
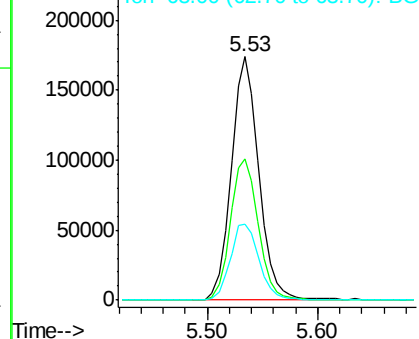
#5

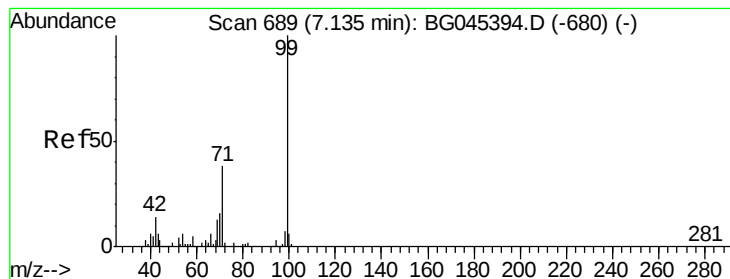
2-Fluorophenol
Concen: 85.448 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion:112 Resp: 302962
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 31.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 69.276 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampled :

MW-3

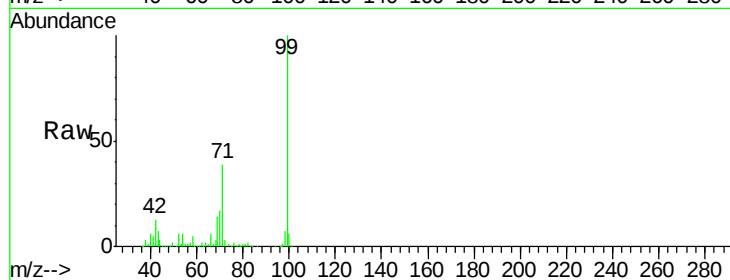
Tot Ion: 99 Resp: 349597

Ion Ratio Lower Upper

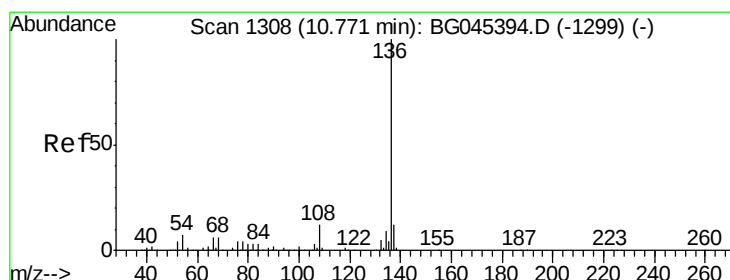
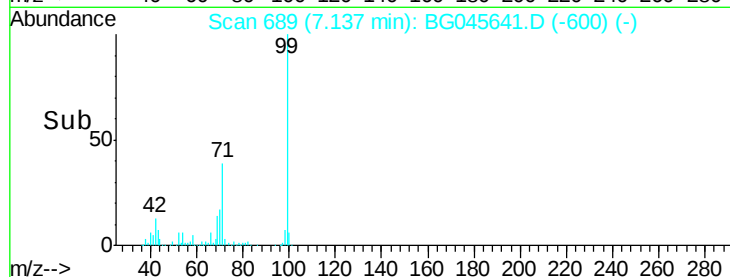
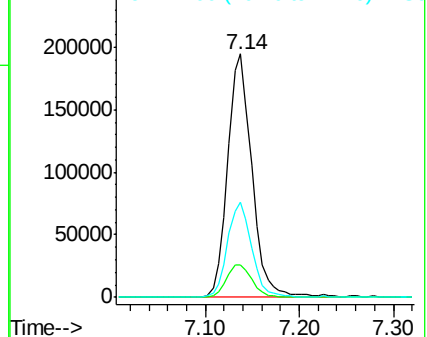
99 100

42 13.5 11.3 16.9

71 39.1 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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Tgt Ion: 136 Resp: 278314

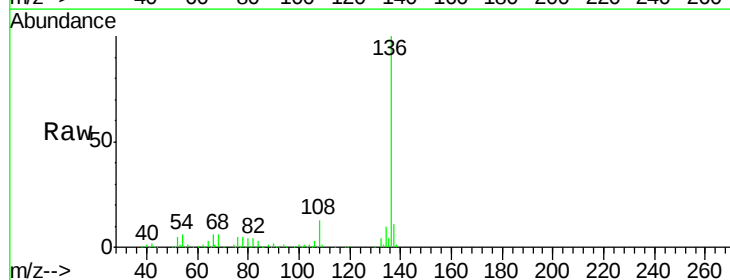
Ion Ratio Lower Upper

136 100

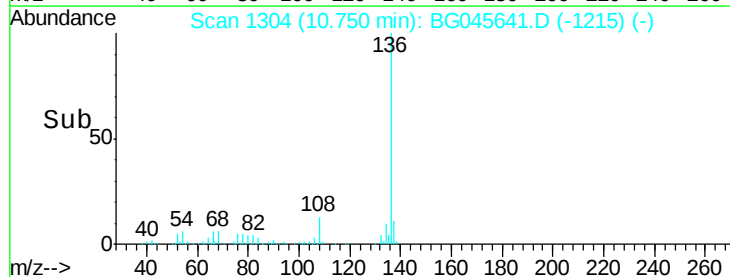
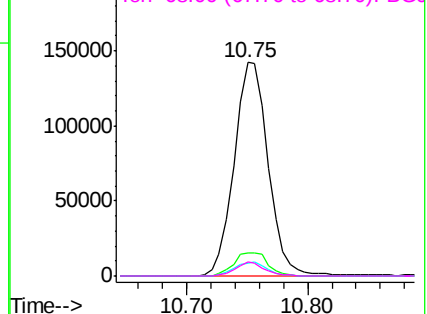
137 11.0 9.4 14.2

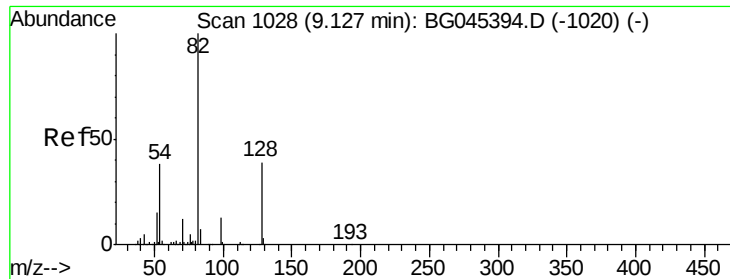
54 5.9 5.8 8.6

68 6.4 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

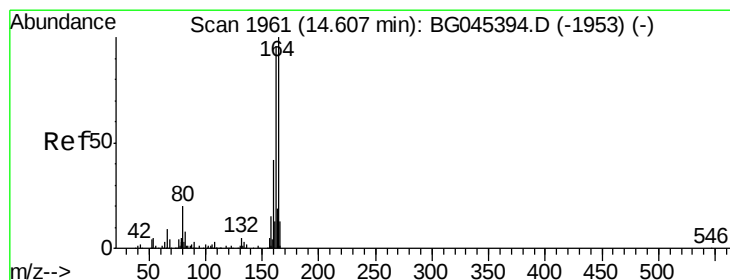
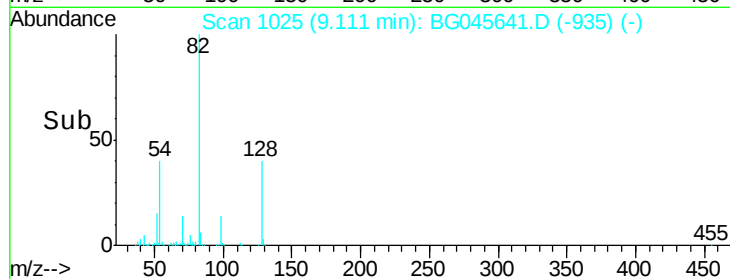
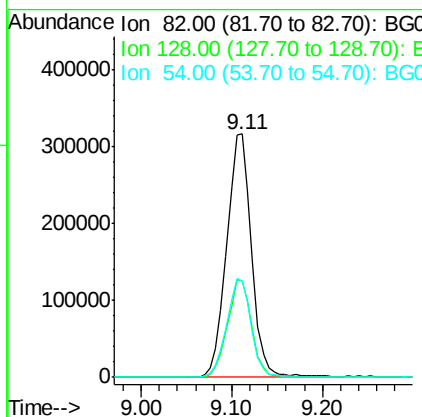
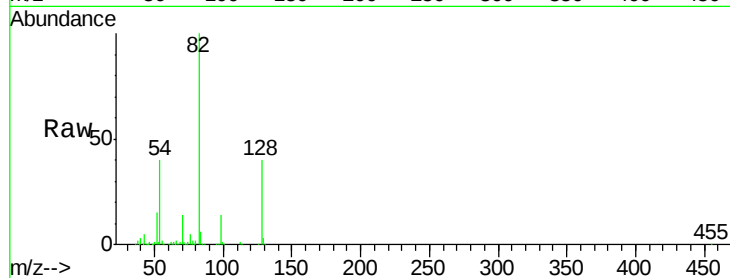




#23
 Nitrobenzene-d5
 Concen: 118.196 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

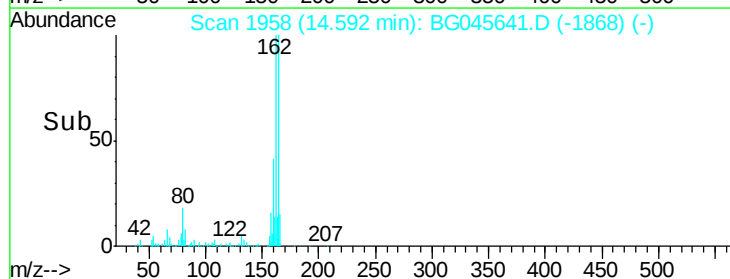
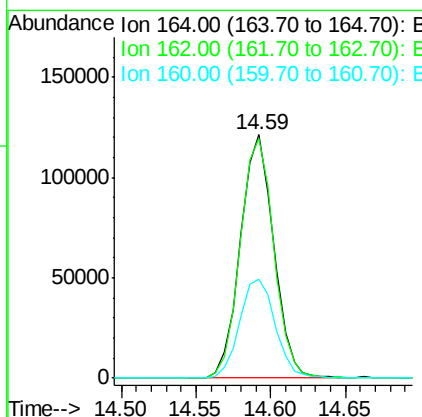
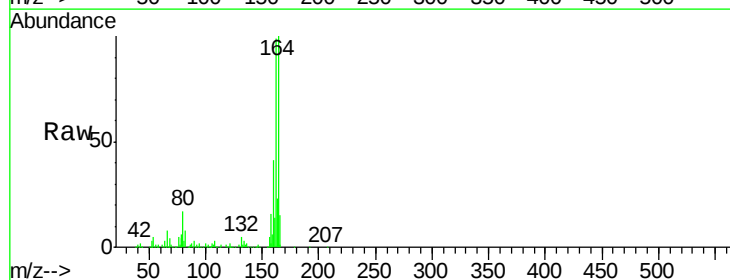
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

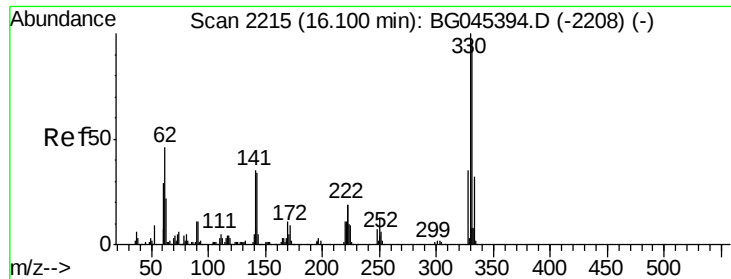
Tot Ion	82	Resp	603239
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.9	46.3
54	39.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Tgt Ion	164	Resp	188356
Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.9	115.3
160	40.9	33.8	50.8

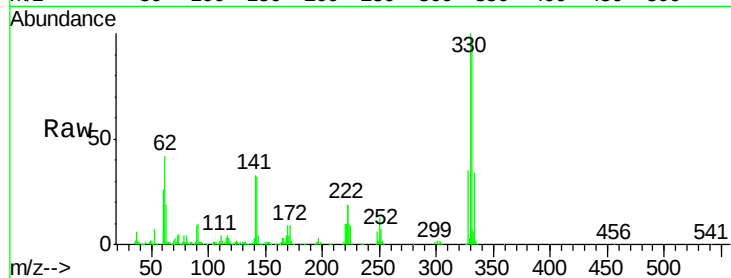




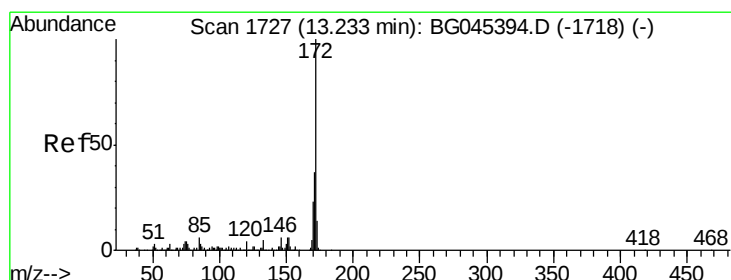
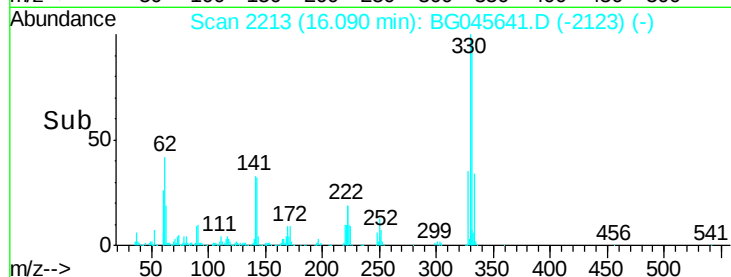
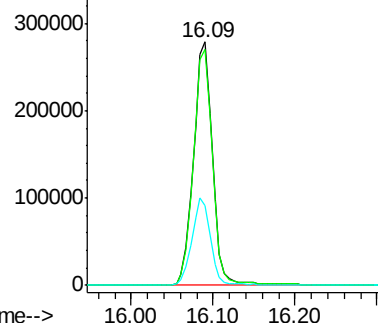
#42
2,4,6-Tribromophenol
Concen: 187.641 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:330 Resp: 452002
Ion Ratio Lower Upper
330 100
332 98.3 78.2 117.4
141 35.3 28.2 42.4

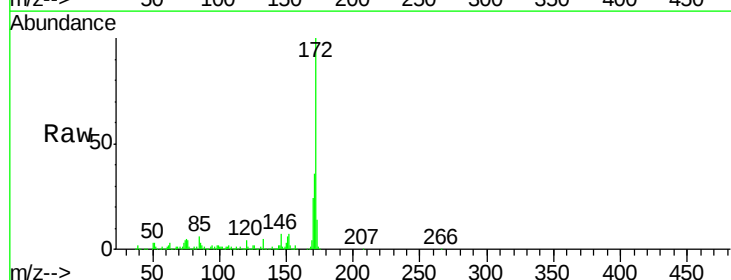


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

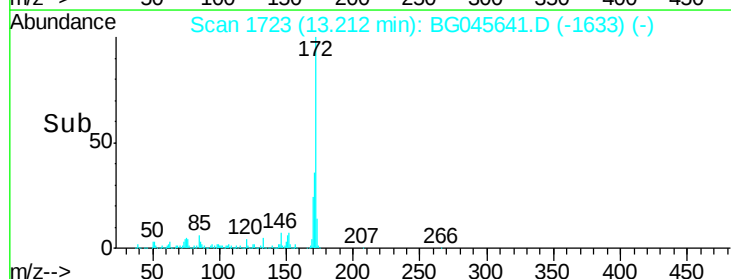
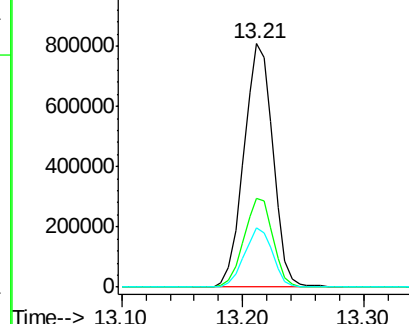


#45
2-Fluorobiphenyl
Concen: 122.668 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion:172 Resp: 1362177
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 24.1 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: 13.095 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

Instrument :

BNA_G

ClientSampleId :

MW-3

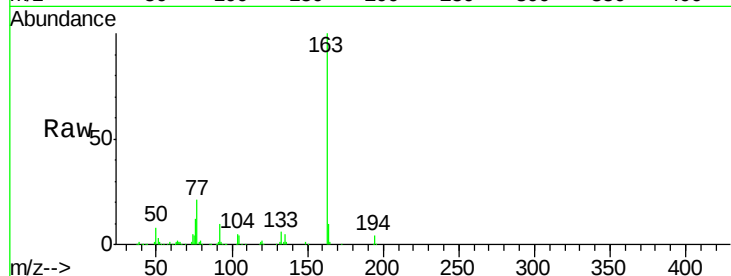
Tot Ion:163 Resp: 169199

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

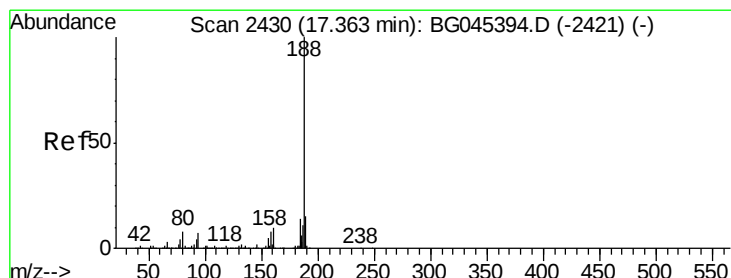
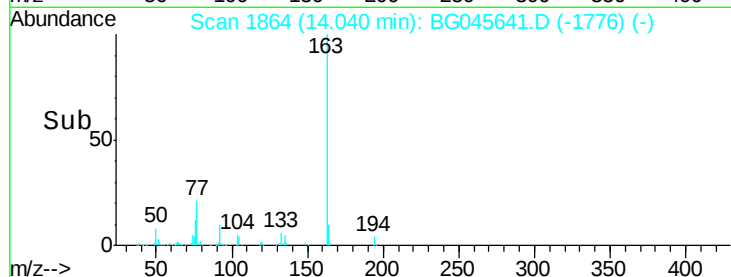
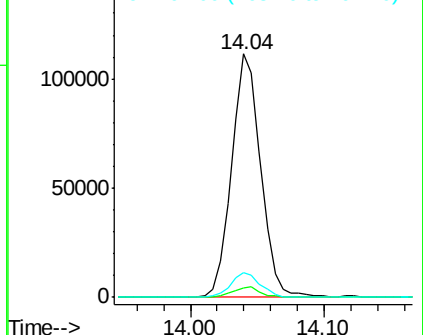
164 9.9 8.3 12.5



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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045641.D

Acq: 8 Jun 2020 13:36

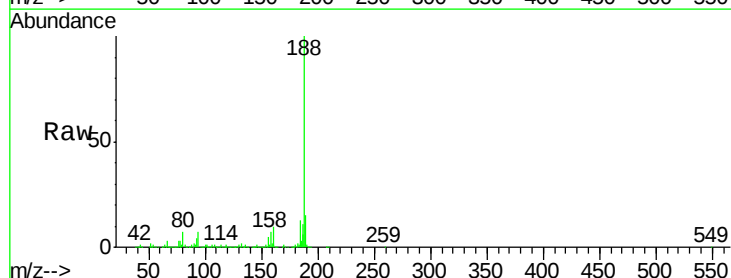
Tgt Ion:188 Resp: 417415

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

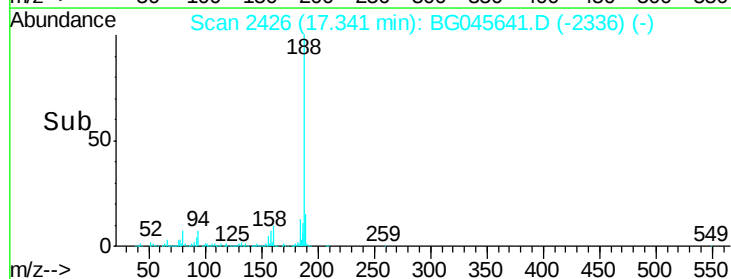
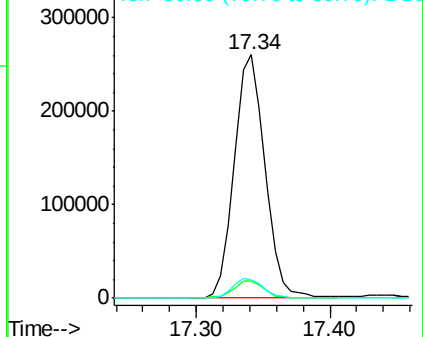
80 7.5 6.6 10.0

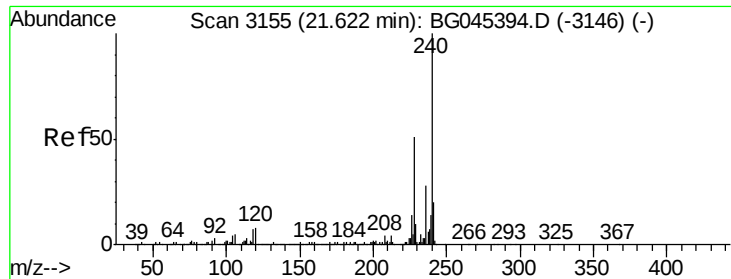


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

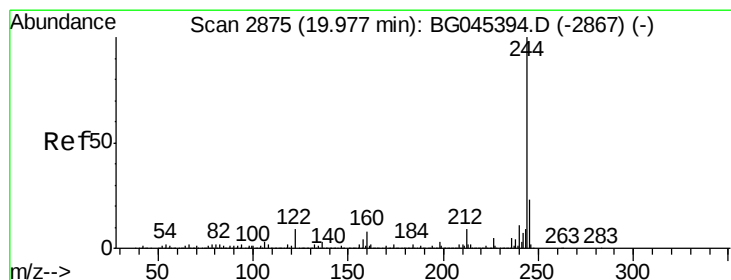
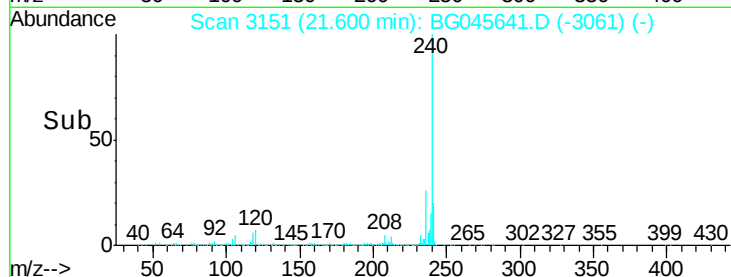
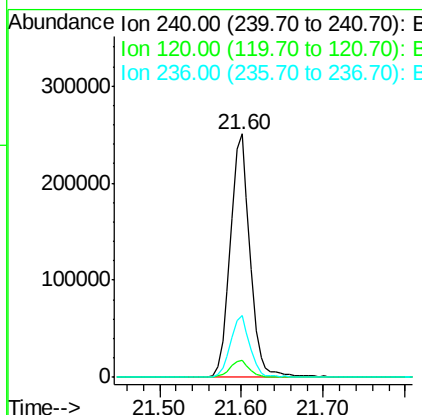
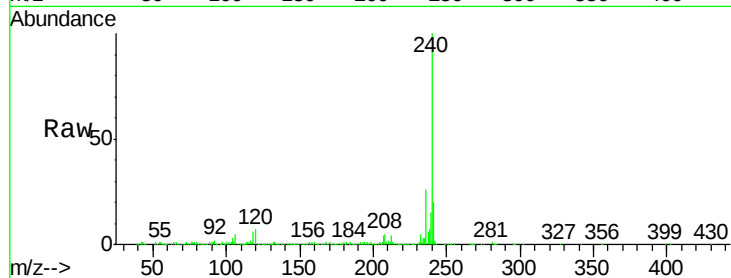




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

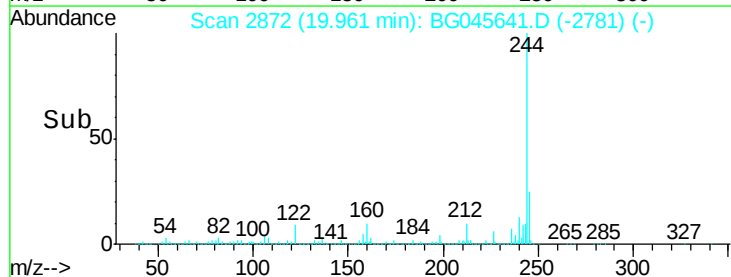
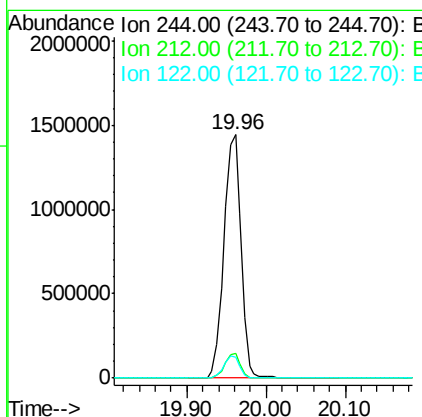
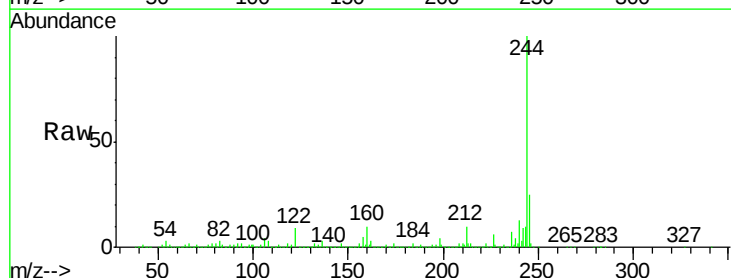
Instrument :
BNA_G
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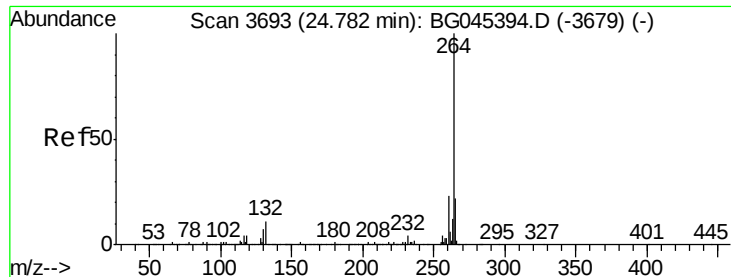
Tot Ion:240 Resp: 422349
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.6 22.3 33.5



#79
Terphenyl-d14
Concen: 119.535 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG045641.D
Acq: 8 Jun 2020 13:36

Tgt Ion:244 Resp: 2164629
Ion Ratio Lower Upper
244 100
212 10.0 7.4 11.0
122 8.7 6.8 10.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045641.D
 Acq: 8 Jun 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:	264	Resp:	447517
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.4	17.6	26.4

