

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045648.D
 Acq On : 8 Jun 2020 18:56
 Operator : CG/JU
 Sample : L2904-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-2-1

Quant Time: Jun 09 01:05:39 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

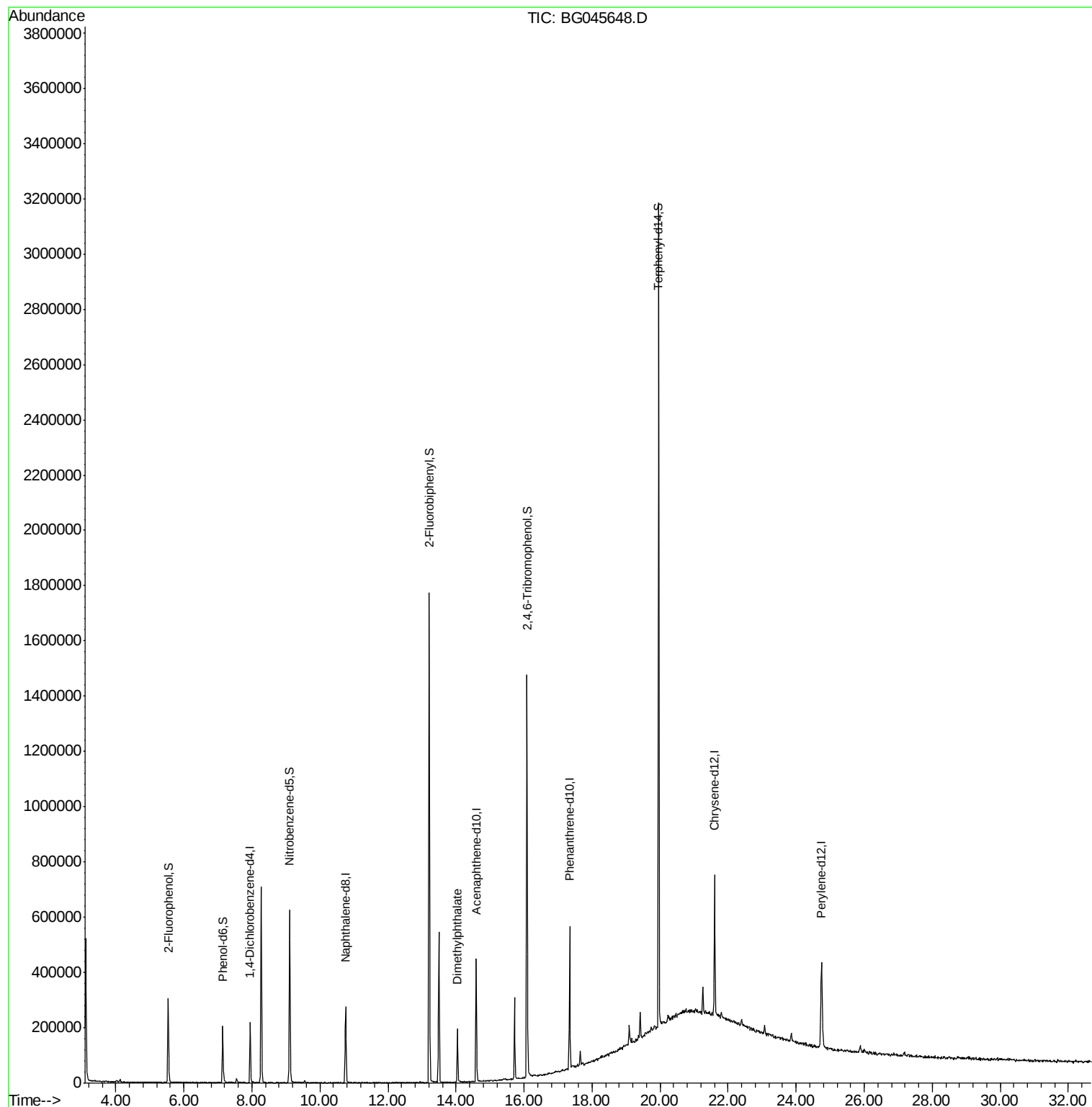
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62528	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	249173	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	167981	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	354587	20.00	ng	0.00
76) Chrysene-d12	21.60	240	335183	20.00	ng	0.00
87) Perylene-d12	24.75	264	358644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	154764	48.37	ng	0.00
7) Phenol-d6	7.14	99	139612	30.66	ng	0.00
23) Nitrobenzene-d5	9.11	82	428440	93.76	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	308719	143.70	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	967538	97.70	ng	0.00
79) Terphenyl-d14	19.96	244	1498654	104.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	136664	11.860	ng	Qvalue 98

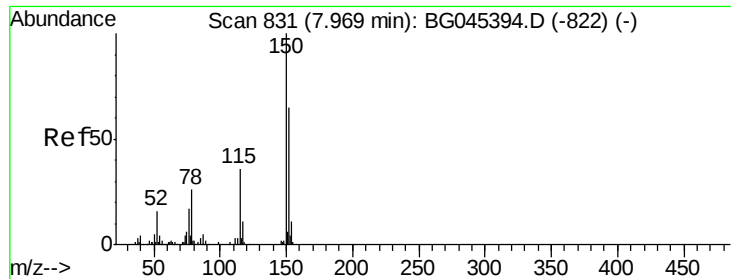
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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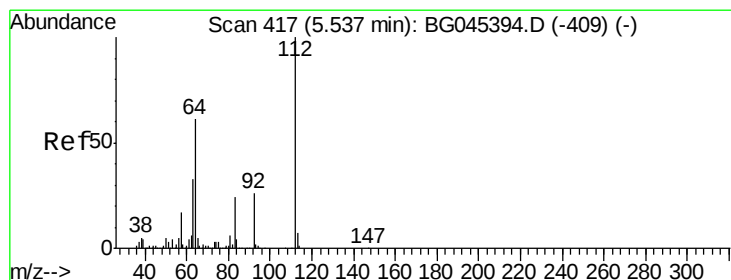
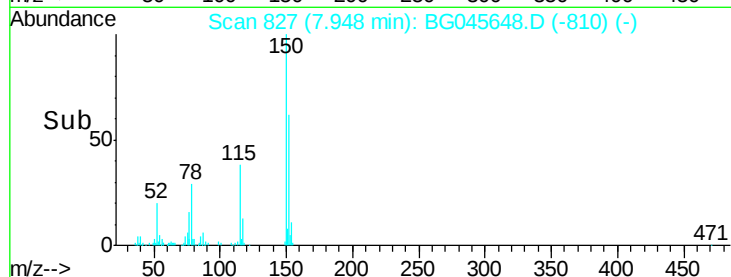
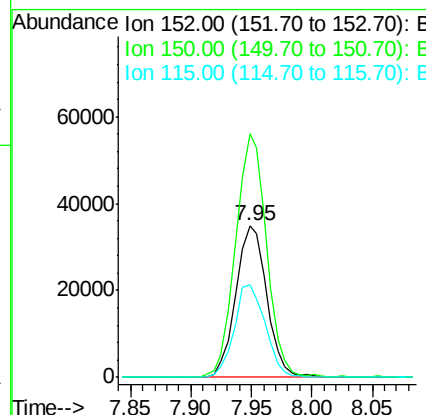
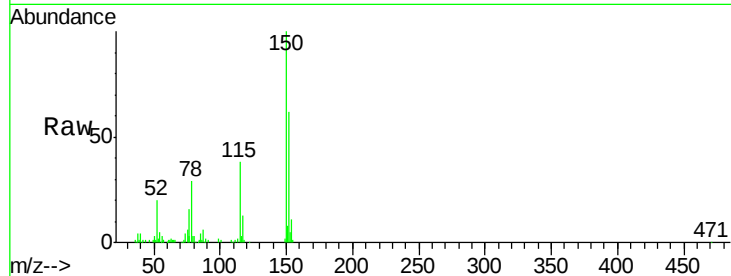


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Instrument :
BNA_G
ClientSampleId :
VE-2-1

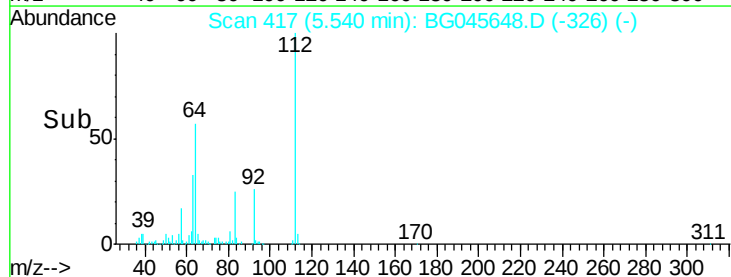
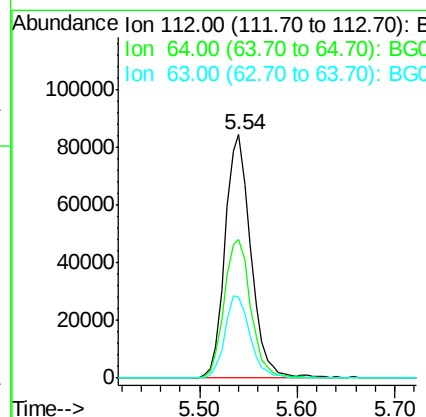
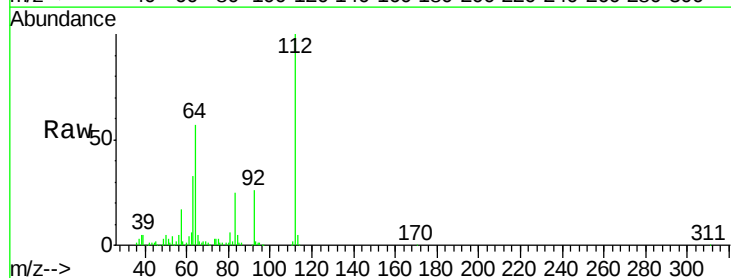
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.4	183.6
115	61.0	44.2	66.4

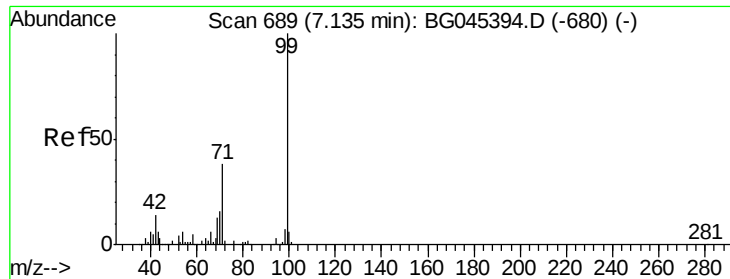


#5

2-Fluorophenol
Concen: 48.371 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.6	72.8
63	33.3	26.5	39.7





#7

Phenol-d6

Concen: 30.658 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

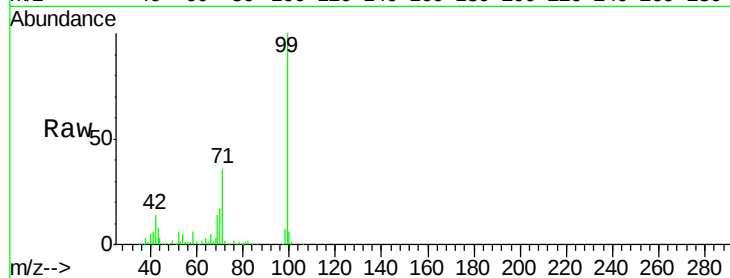
Tot Ion: 99 Resp: 139612

Ion Ratio Lower Upper

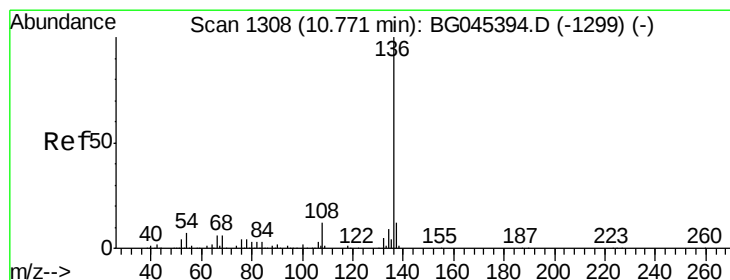
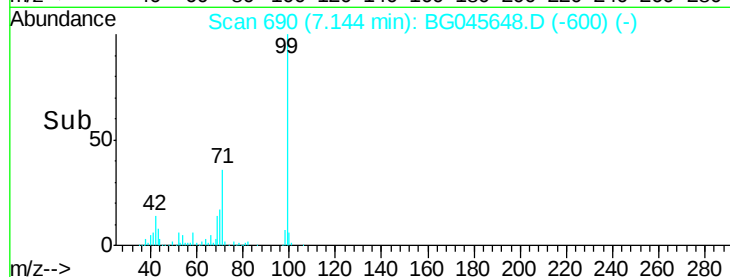
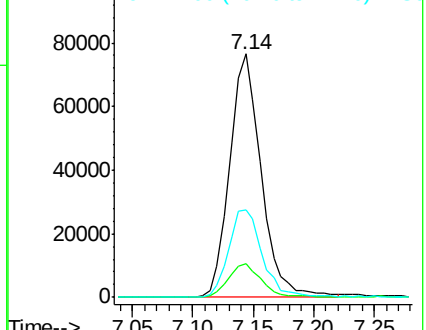
99 100

42 13.9 11.3 16.9

71 36.0 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: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Tgt Ion: 136 Resp: 249173

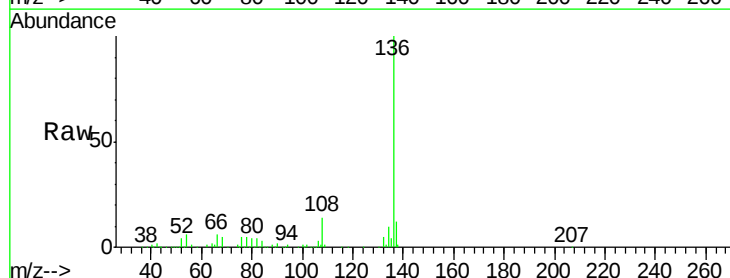
Ion Ratio Lower Upper

136 100

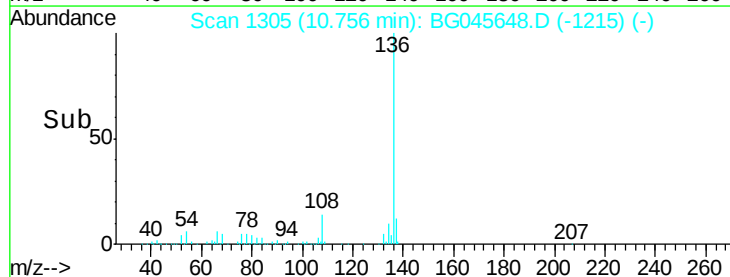
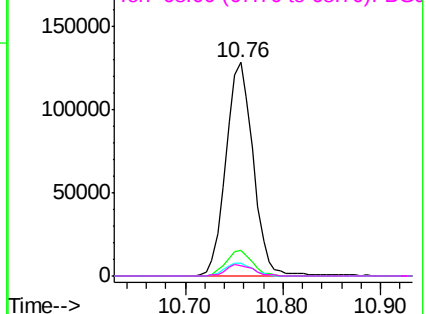
137 11.9 9.4 14.2

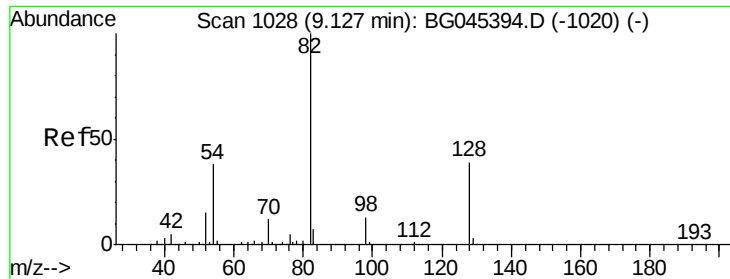
54 6.1 5.8 8.6

68 5.0 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

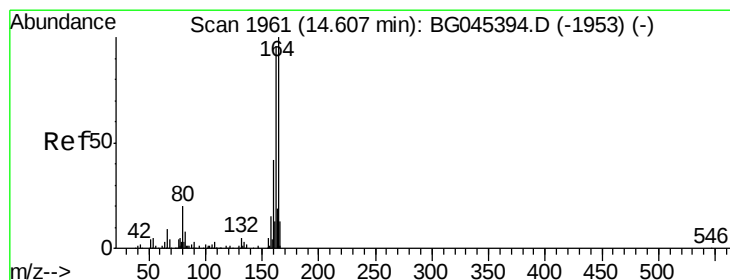
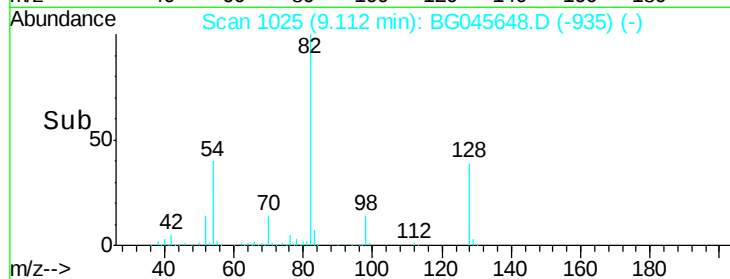
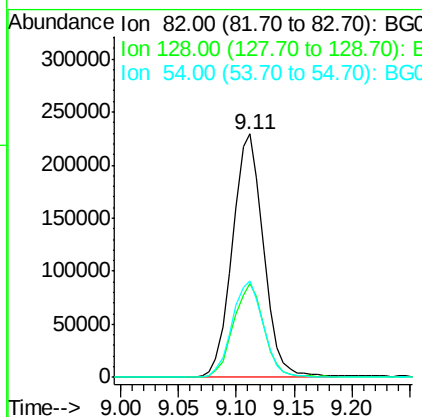
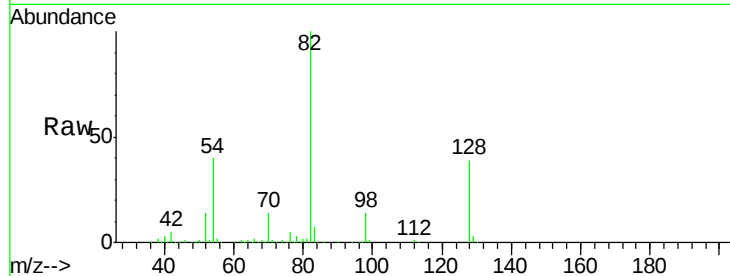




#23
Nitrobenzene-d5
Concen: 93.764 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

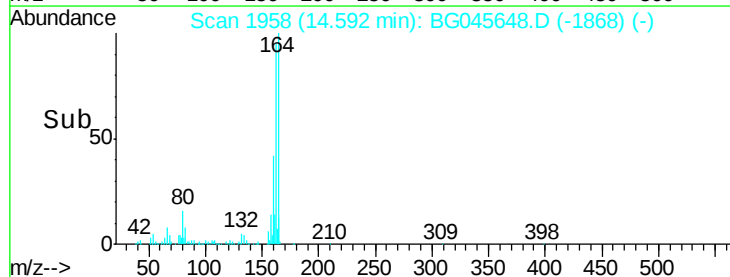
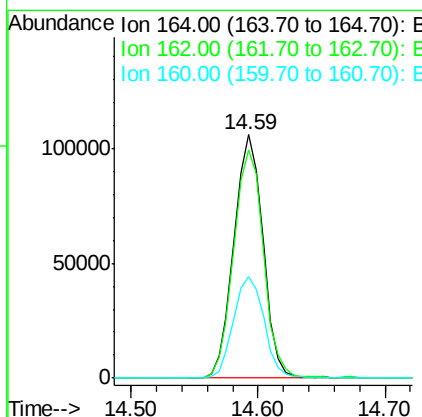
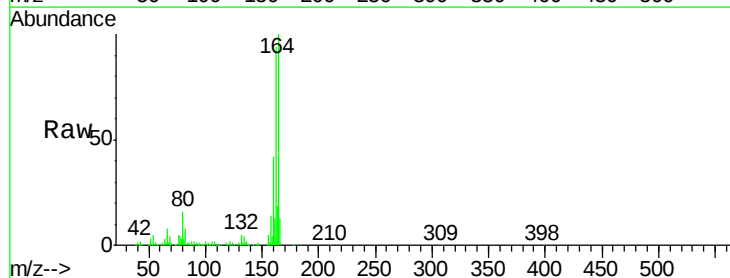
Instrument :
BNA_G
ClientSampleId :
VE-2-1

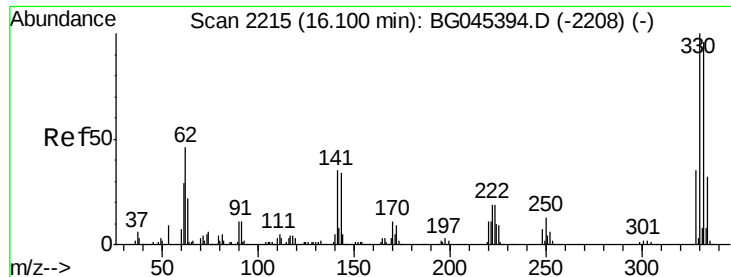
Tot Ion	82	Resp	428440
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.9	46.3
54	39.8	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045648.D
Acq: 8 Jun 2020 18:56

Tgt Ion	164	Resp	167981
Ion Ratio	Lower	Upper	
164	100		
162	93.6	76.9	115.3
160	41.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 143.705 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

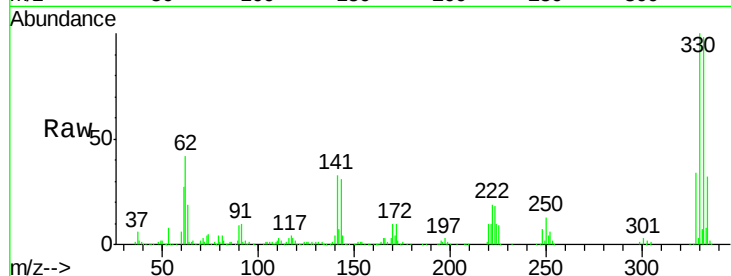
Tot Ion:330 Resp: 308719

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

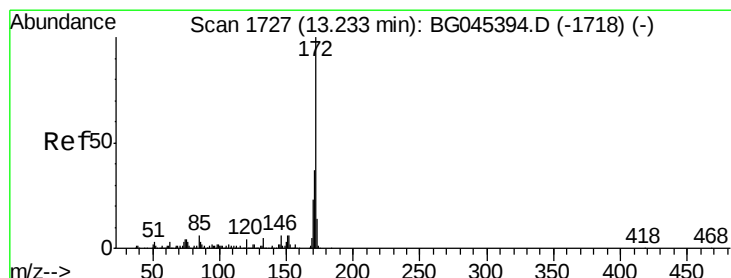
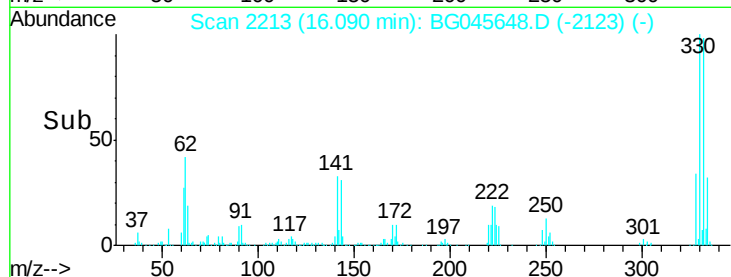
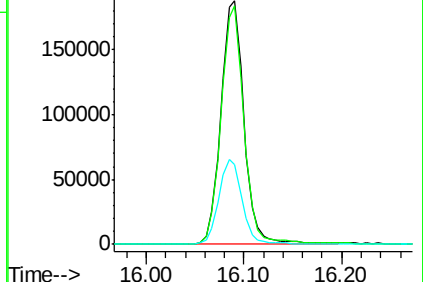
141 35.0 28.2 42.4



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: 97.698 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

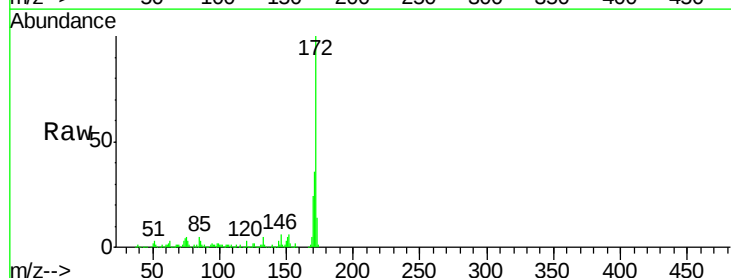
Tgt Ion:172 Resp: 967538

Ion Ratio Lower Upper

172 100

171 36.3 29.5 44.3

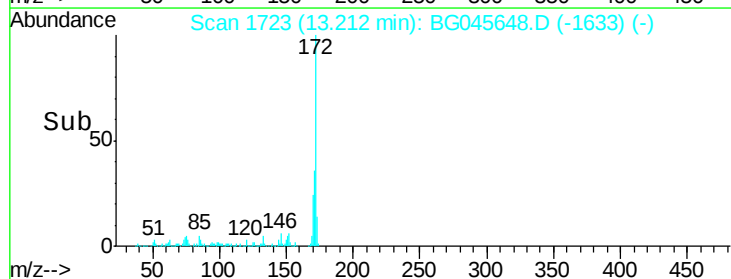
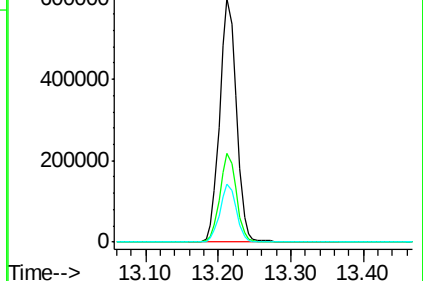
170 23.6 18.5 27.7

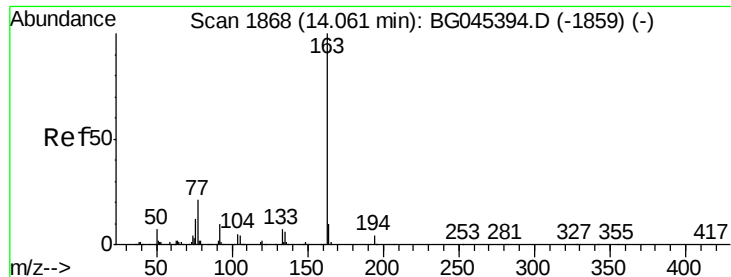


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.860 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

BNA_G

ClientSampleId :

VE-2-1

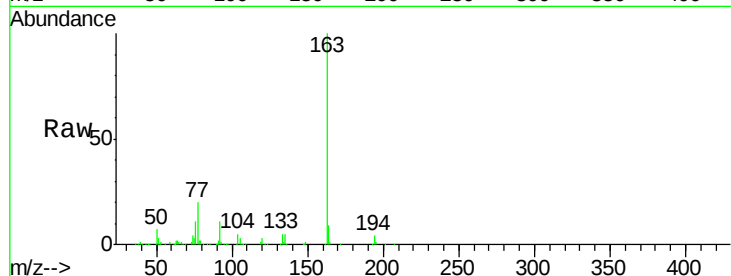
Tot Ion:163 Resp: 136664

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

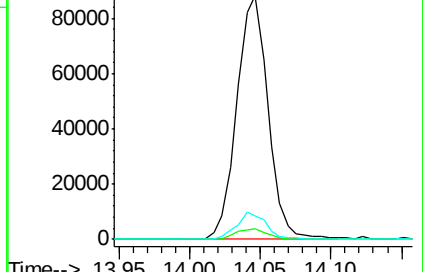
164 9.5 8.3 12.5



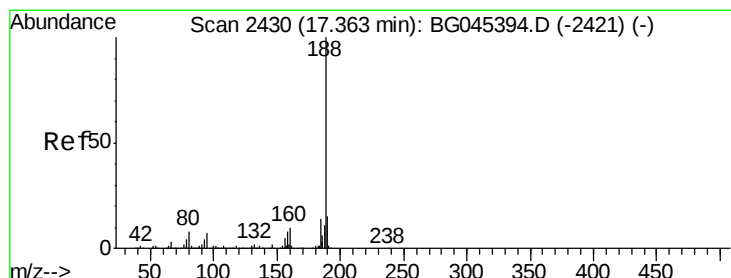
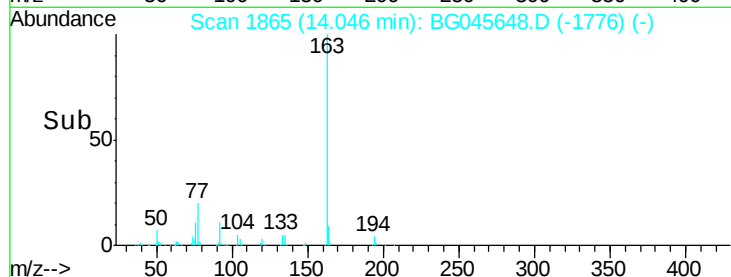
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.95 14.00 14.05 14.10



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

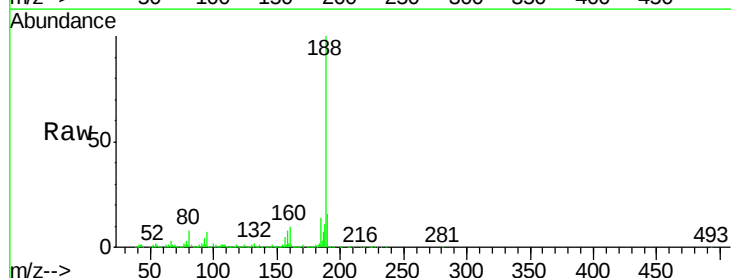
Tgt Ion:188 Resp: 354587

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

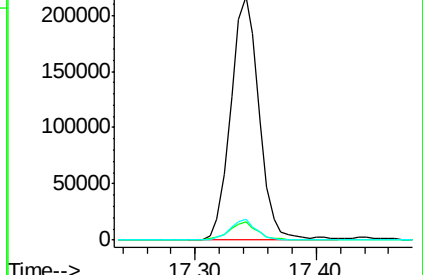
80 8.4 6.6 10.0



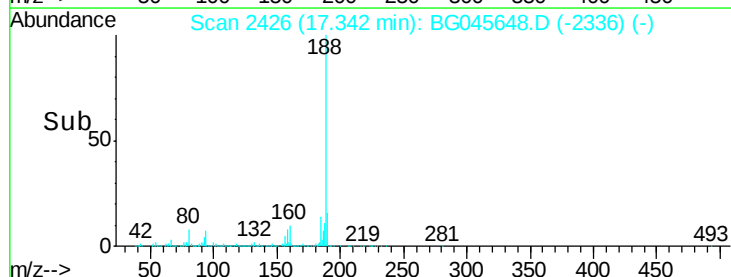
Abundance Ion 188.00 (187.70 to 188.70): E

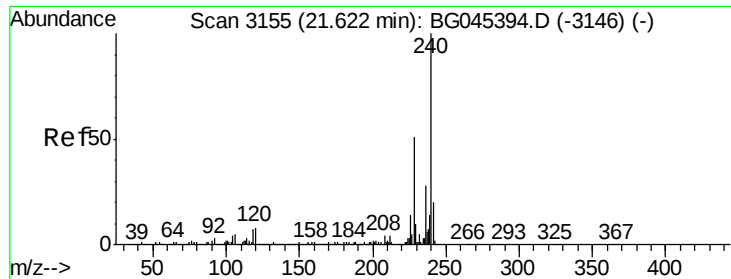
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

Instrument :

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ClientSampleId :

VE-2-1

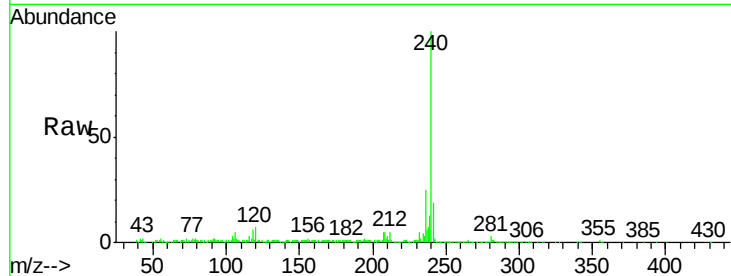
Tot Ion:240 Resp: 335183

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

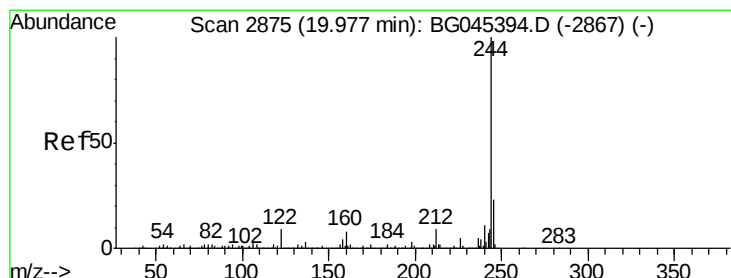
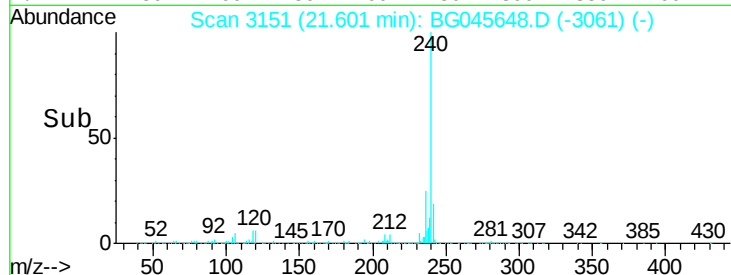
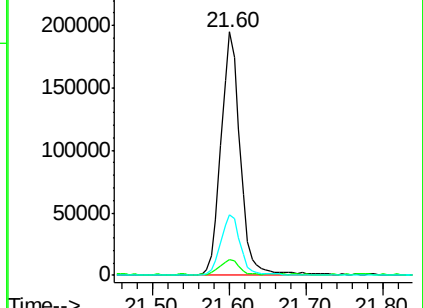
236 25.0 22.3 33.5



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: 104.281 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

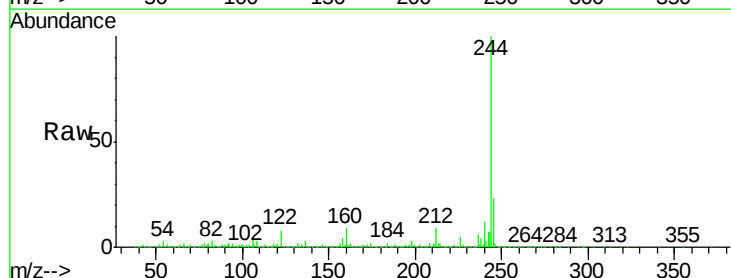
Tgt Ion:244 Resp: 1498654

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

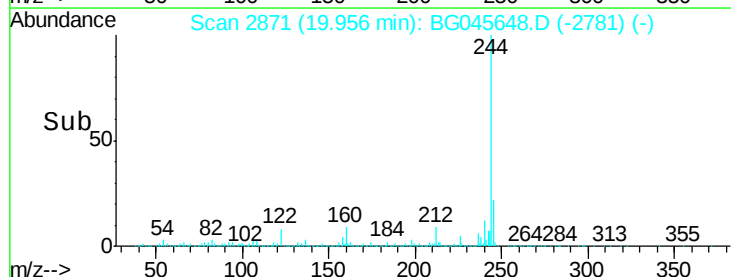
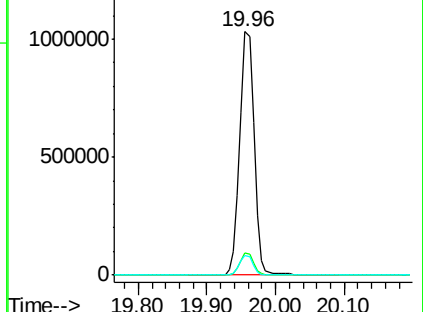
122 8.2 6.8 10.2

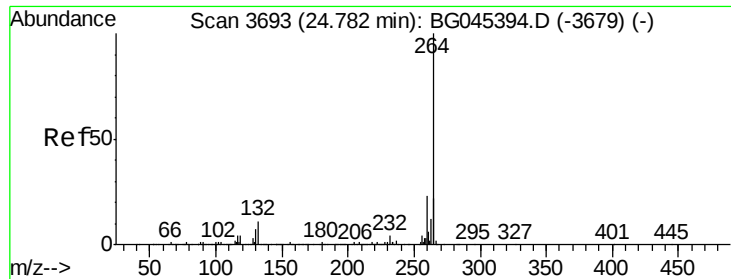


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045648.D

Acq: 8 Jun 2020 18:56

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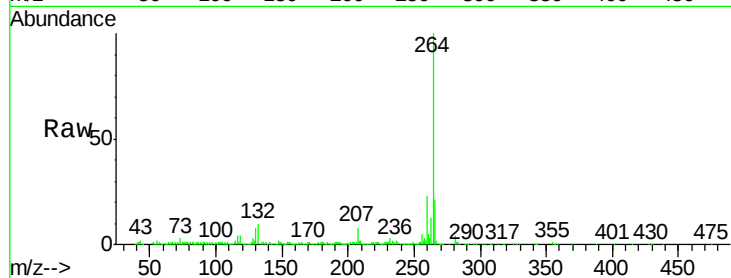
Tot Ion:264 Resp: 358644

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.7 17.6 26.4



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

