

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045599.D
 Acq On : 4 Jun 2020 5:45
 Operator : CG/JU
 Sample : L2837-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Jun 04 07:06:50 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

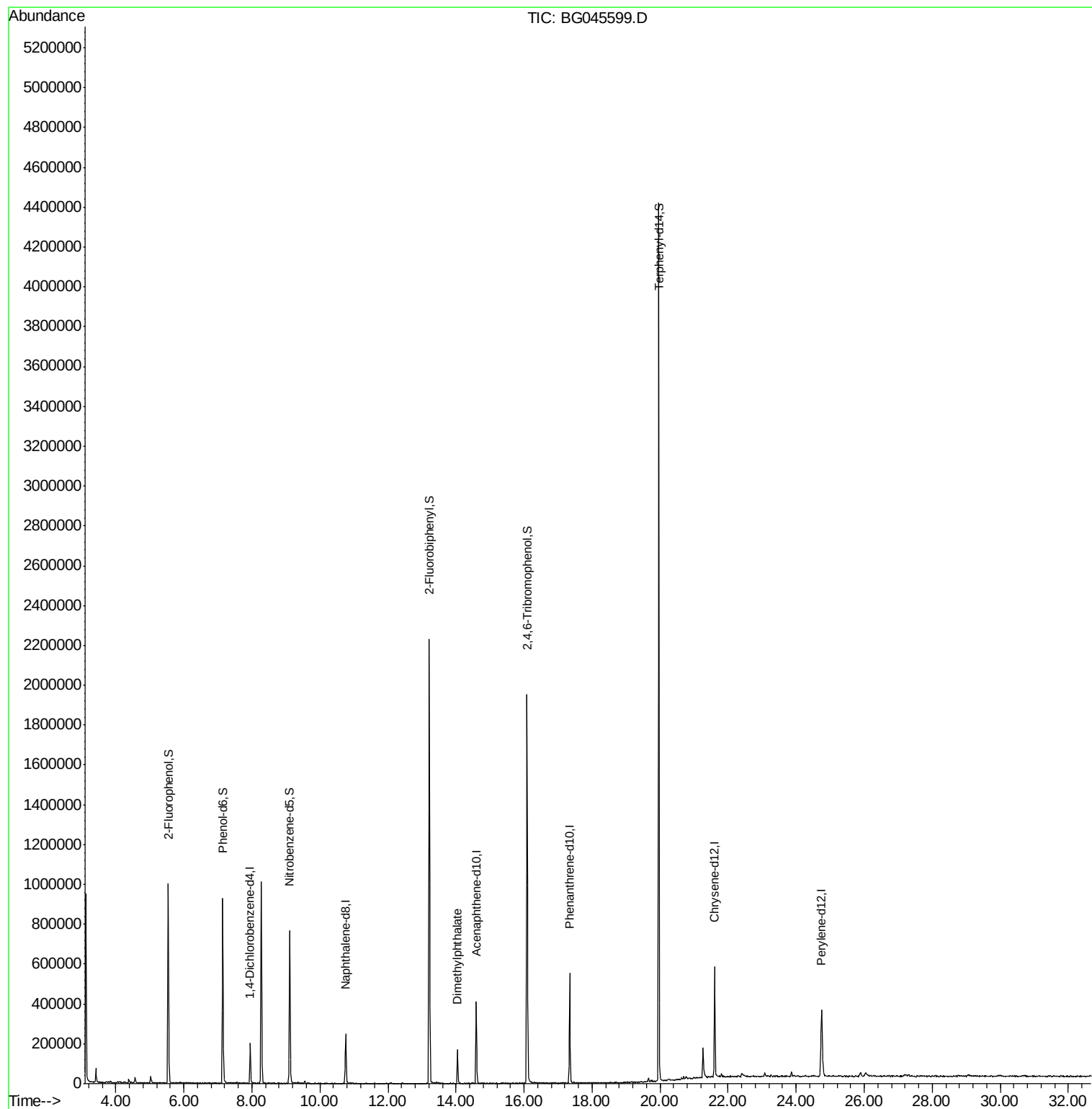
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59743	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	226182	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	159353	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	380816	20.00	ng	0.00
76) Chrysene-d12	21.60	240	368317	20.00	ng	0.00
87) Perylene-d12	24.76	264	389969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	475291	155.48	ng	0.00
7) Phenol-d6	7.14	99	611048	140.44	ng	0.00
23) Nitrobenzene-d5	9.11	82	530034	127.79	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	404782	198.62	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1192760	126.96	ng	0.00
79) Terphenyl-d14	19.96	244	2062842	130.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	121795	11.142	ng	Qvalue # 99

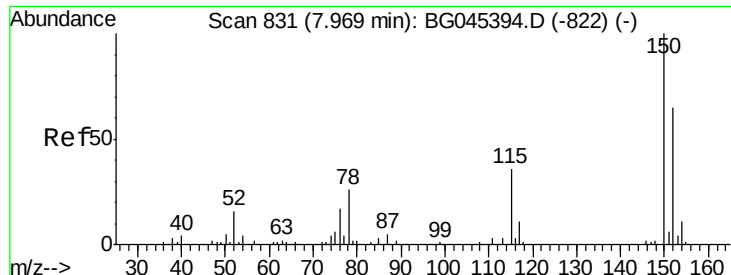
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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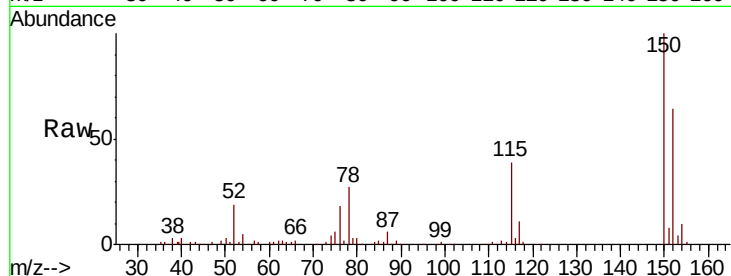


#1

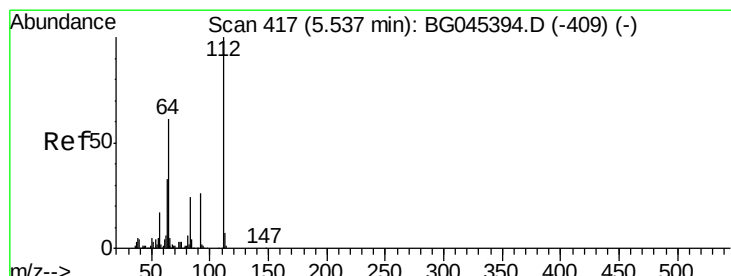
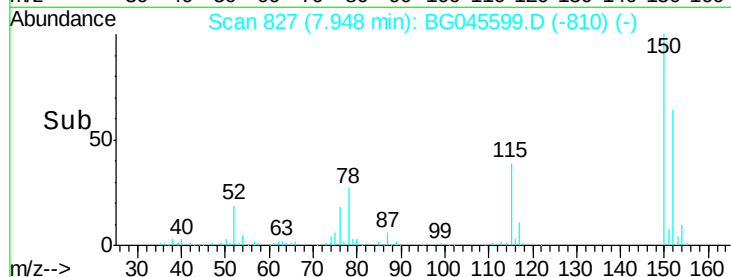
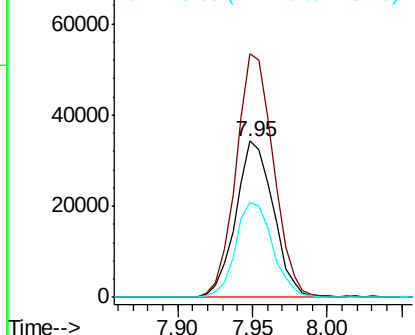
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045599.D
Acq: 4 Jun 2020 5:45

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:152 Resp: 59743
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 61.2 44.2 66.4



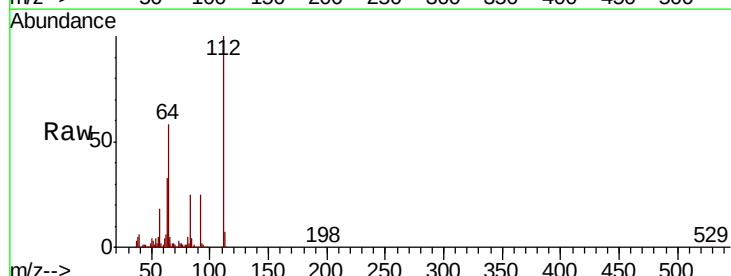
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



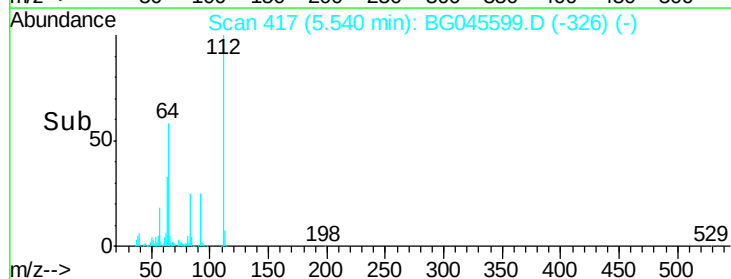
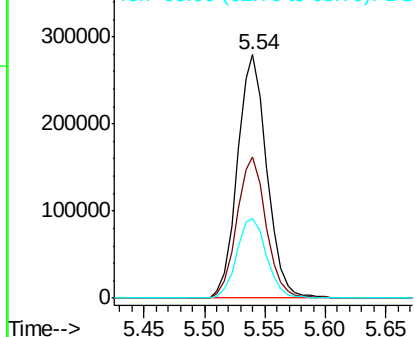
#5

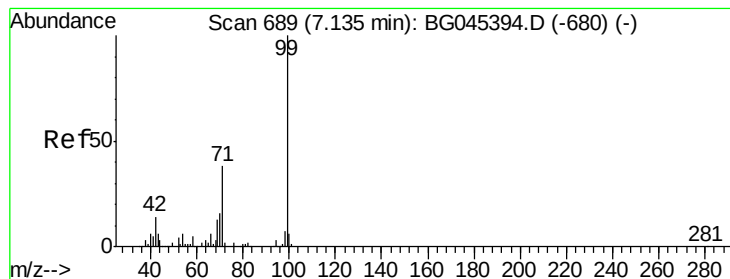
2-Fluorophenol
Concen: 155.476 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045599.D
Acq: 4 Jun 2020 5:45

Tgt Ion:112 Resp: 475291
Ion Ratio Lower Upper
112 100
64 57.8 48.6 72.8
63 32.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.437 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045599.D

Acq: 4 Jun 2020 5:45

Instrument :

BNA_G

ClientSampleId :

SP

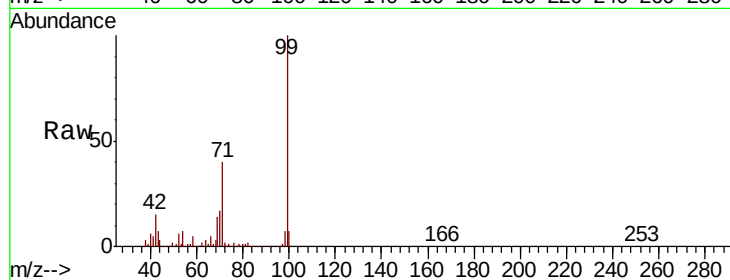
Tot Ion: 99 Resp: 611048

Ion Ratio Lower Upper

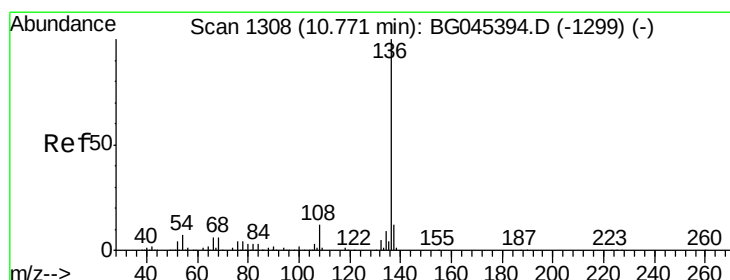
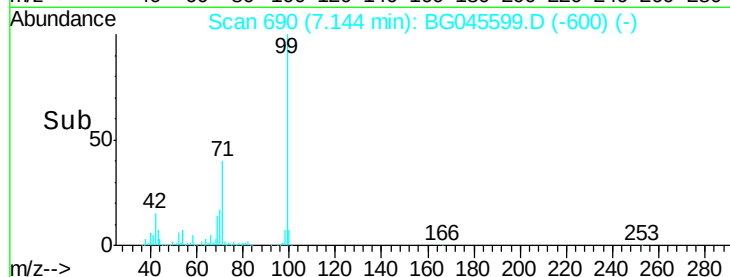
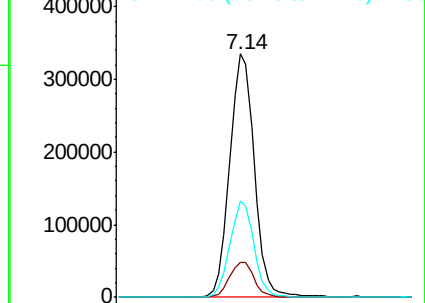
99 100

42 14.6 11.3 16.9

71 39.5 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: BG045599.D

Acq: 4 Jun 2020 5:45

Tgt Ion: 136 Resp: 226182

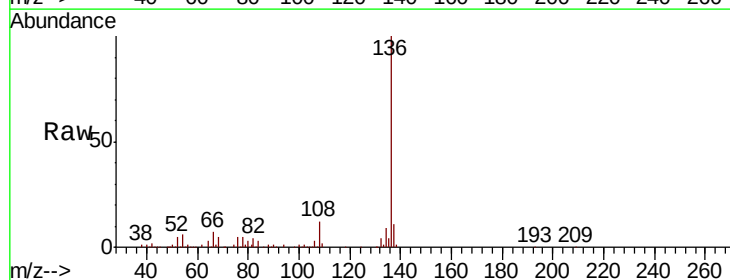
Ion Ratio Lower Upper

136 100

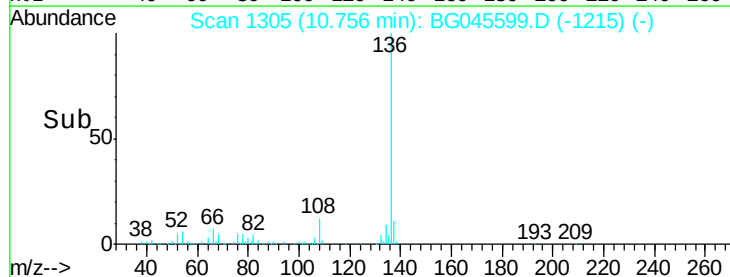
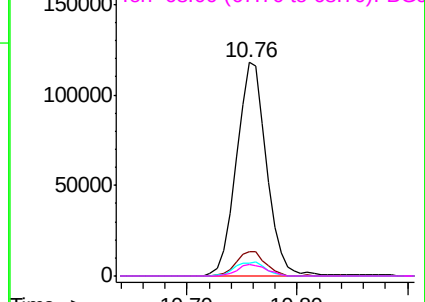
137 11.3 9.4 14.2

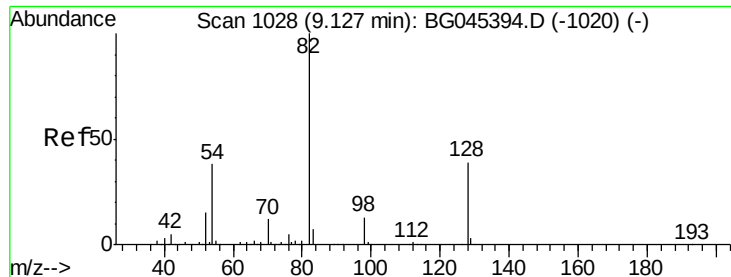
54 6.3 5.8 8.6

68 5.3 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

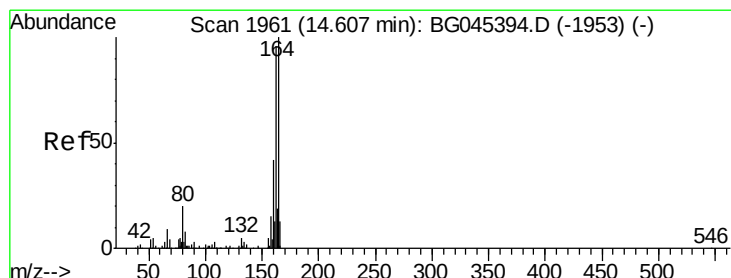
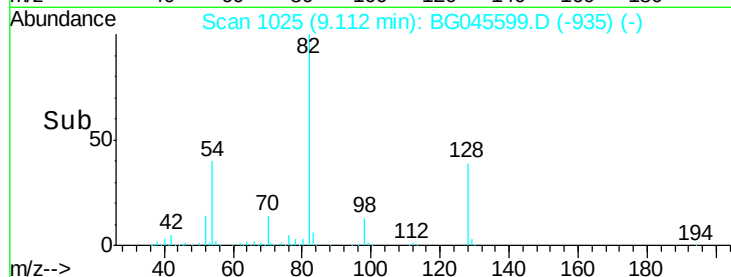
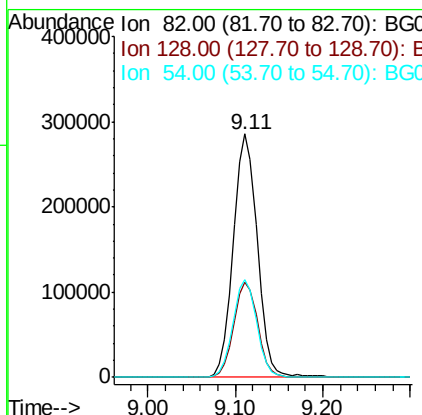
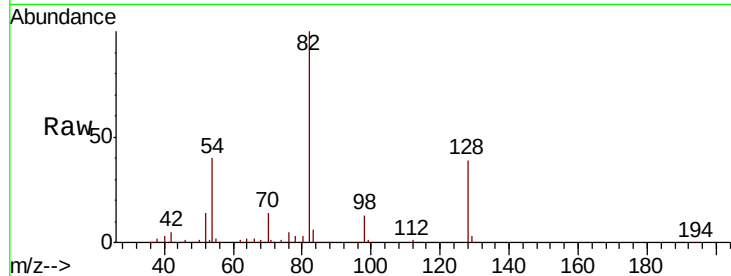




#23
 Nitrobenzene-d5
 Concen: 127.789 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045599.D
 Acq: 4 Jun 2020 5:45

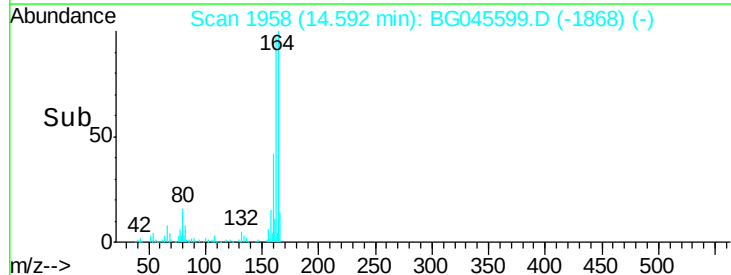
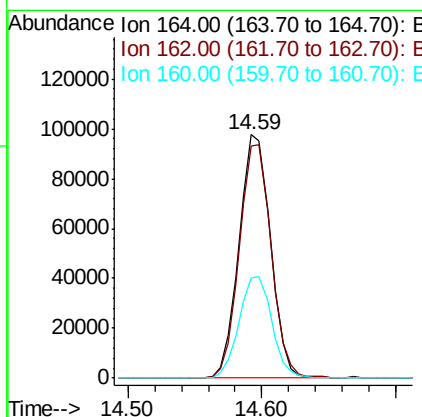
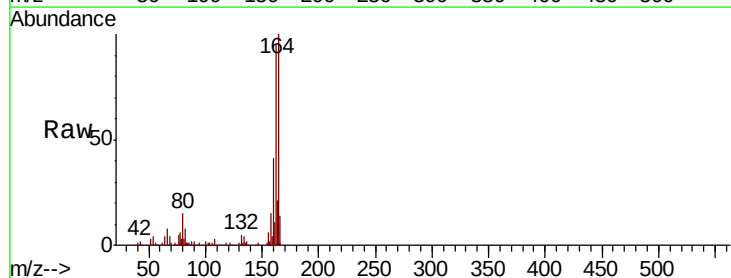
Instrument :
 BNA_G
 ClientSampleId :
 SP

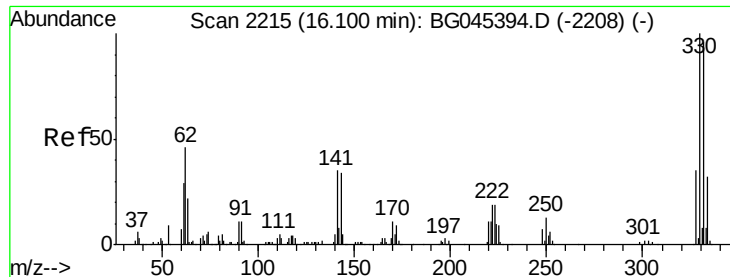
Tot Ion	82	Resp	530034
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.9	46.3
54	40.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045599.D
 Acq: 4 Jun 2020 5:45

Tgt Ion	164	Resp	159353
Ion Ratio	Lower	Upper	
164	100		
162	95.2	76.9	115.3
160	41.1	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 198.623 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045599.D

Acq: 4 Jun 2020 5:45

Instrument :

BNA_G

ClientSampleId :

SP

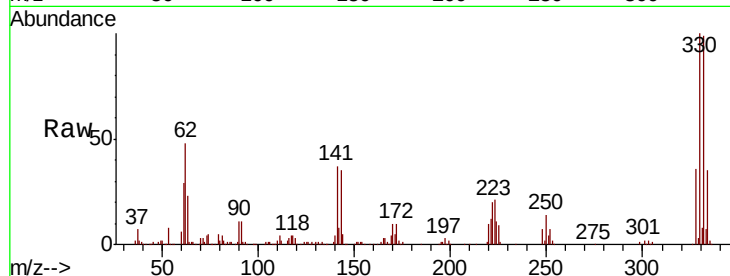
Tot Ion:330 Resp: 404782

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

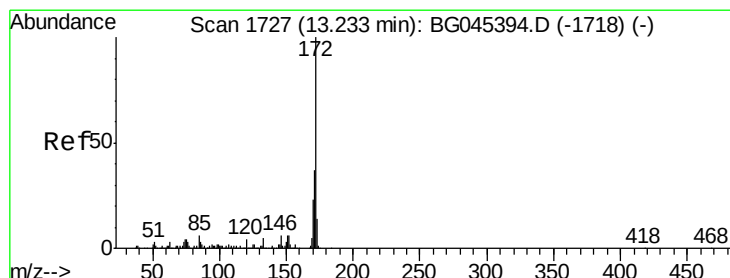
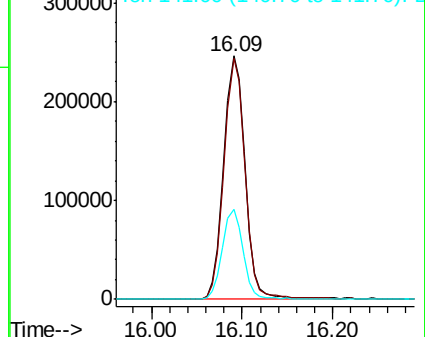
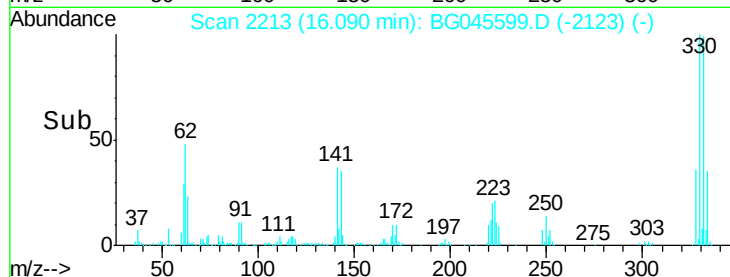
141 35.9 28.2 42.4



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: 126.961 ng

RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG045599.D

Acq: 4 Jun 2020 5:45

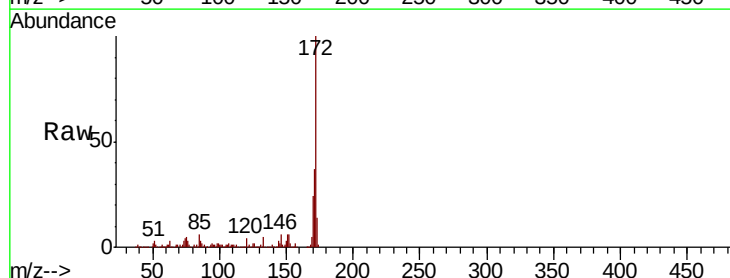
Tgt Ion:172 Resp: 1192760

Ion Ratio Lower Upper

172 100

171 36.6 29.5 44.3

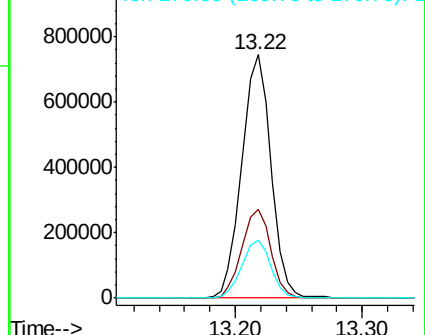
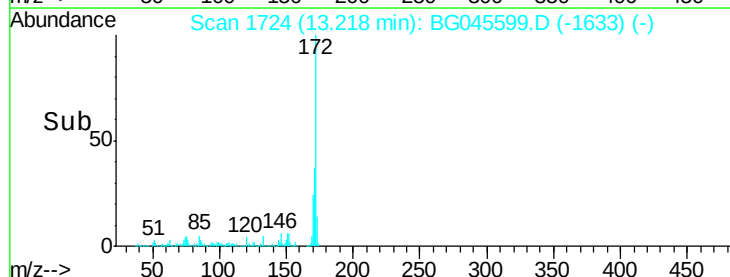
170 23.7 18.5 27.7

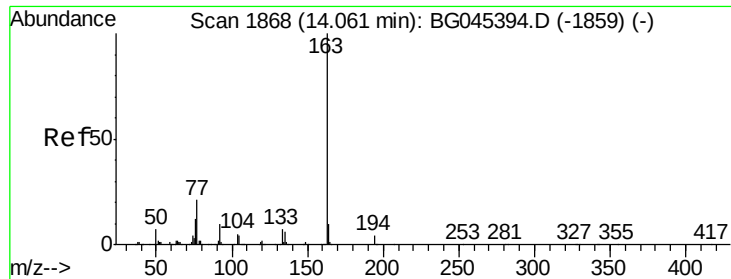


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.142 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045599.D

Acq: 4 Jun 2020 5:45

Instrument :

BNA_G

ClientSampled :

SP

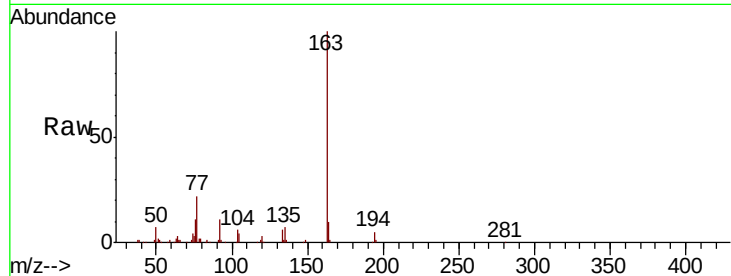
Tot Ion:163 Resp: 121795

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

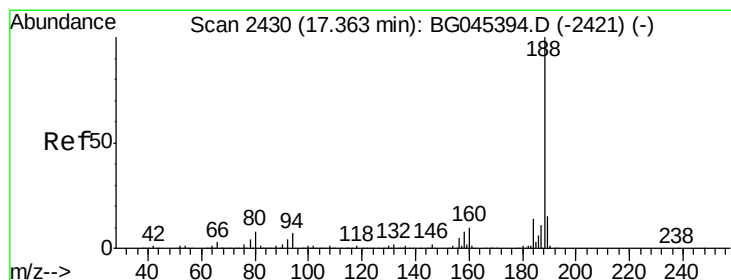
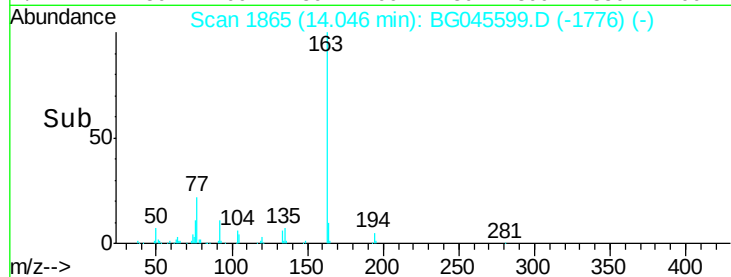
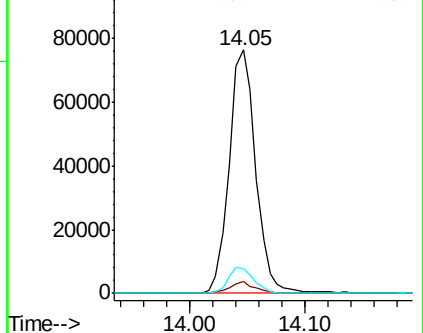
164 10.2 8.3 12.5



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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045599.D

Acq: 4 Jun 2020 5:45

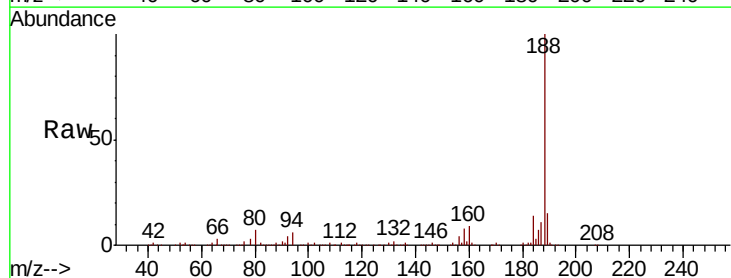
Tgt Ion:188 Resp: 380816

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

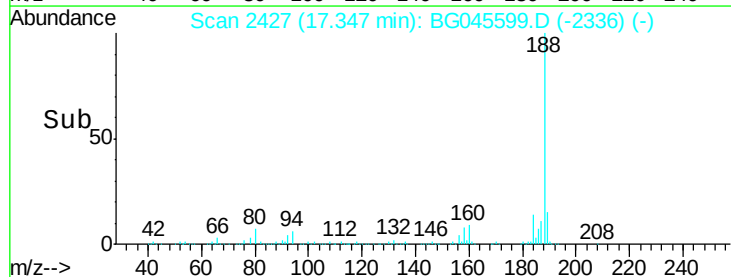
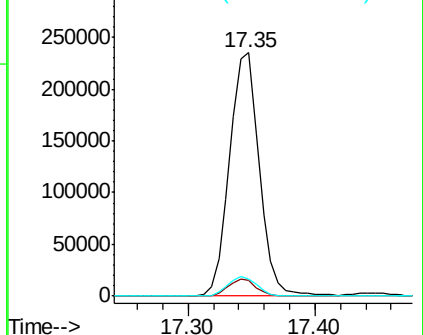
80 7.0 6.6 10.0

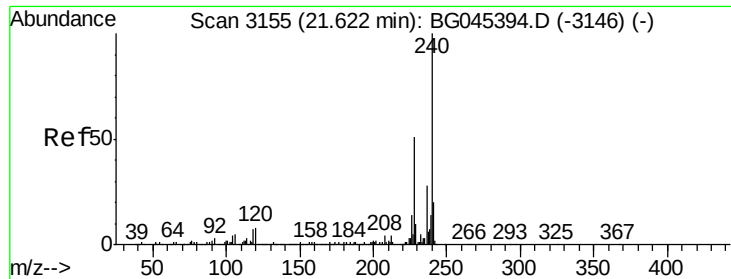


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

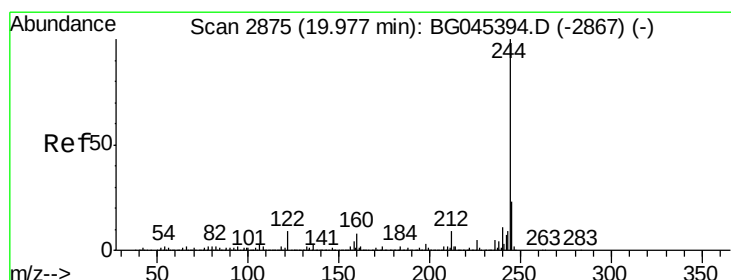
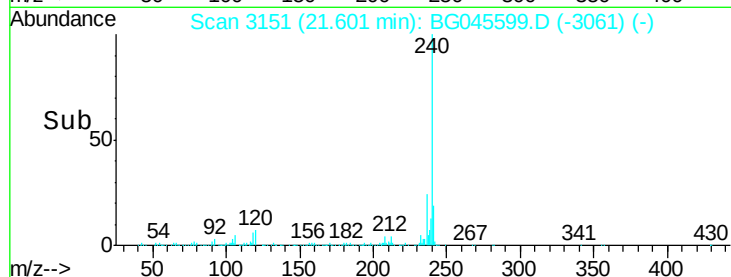
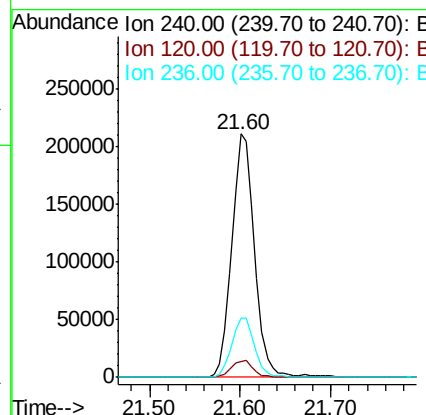
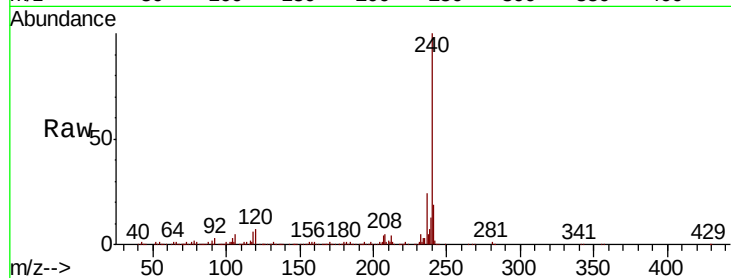




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045599.D
Acq: 4 Jun 2020 5:45

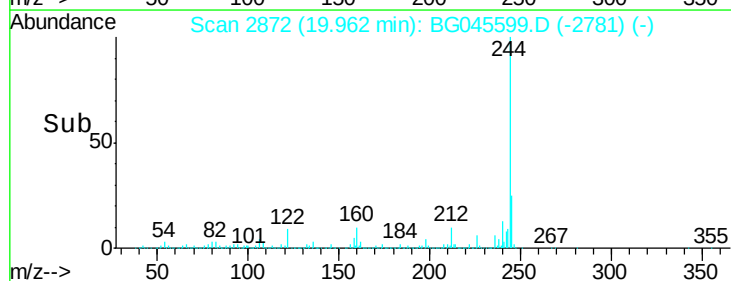
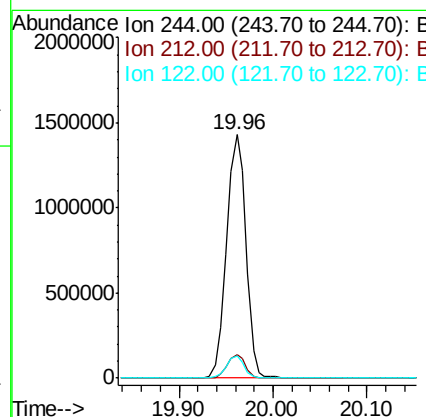
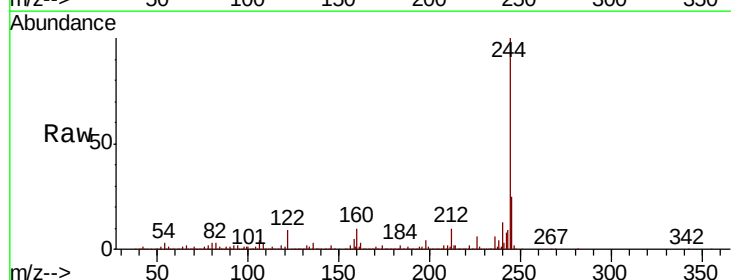
Instrument :
BNA_G
ClientSampled :
SP

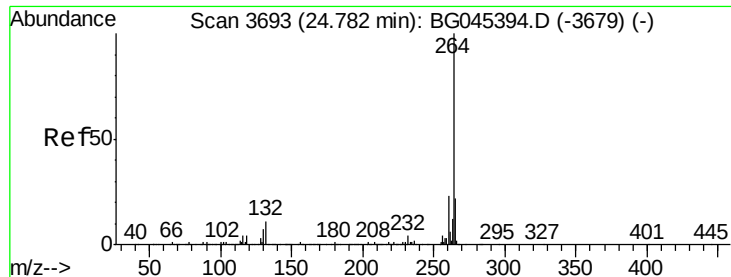
Tot Ion:240 Resp: 368317
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 24.1 22.3 33.5



#79
Terphenyl-d14
Concen: 130.626 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG045599.D
Acq: 4 Jun 2020 5:45

Tgt Ion:244 Resp: 2062842
Ion Ratio Lower Upper
244 100
212 9.8 7.4 11.0
122 9.1 6.8 10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045599.D
Acq: 4 Jun 2020 5:45

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:	264	Resp:	389969
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.0	17.6	26.4

