

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045540.D
 Acq On : 30 May 2020 4:42
 Operator : CG/JU
 Sample : L2505-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Quant Time: May 30 06:49:03 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 29 11:17:45 2020
 Response via : Initial Calibration

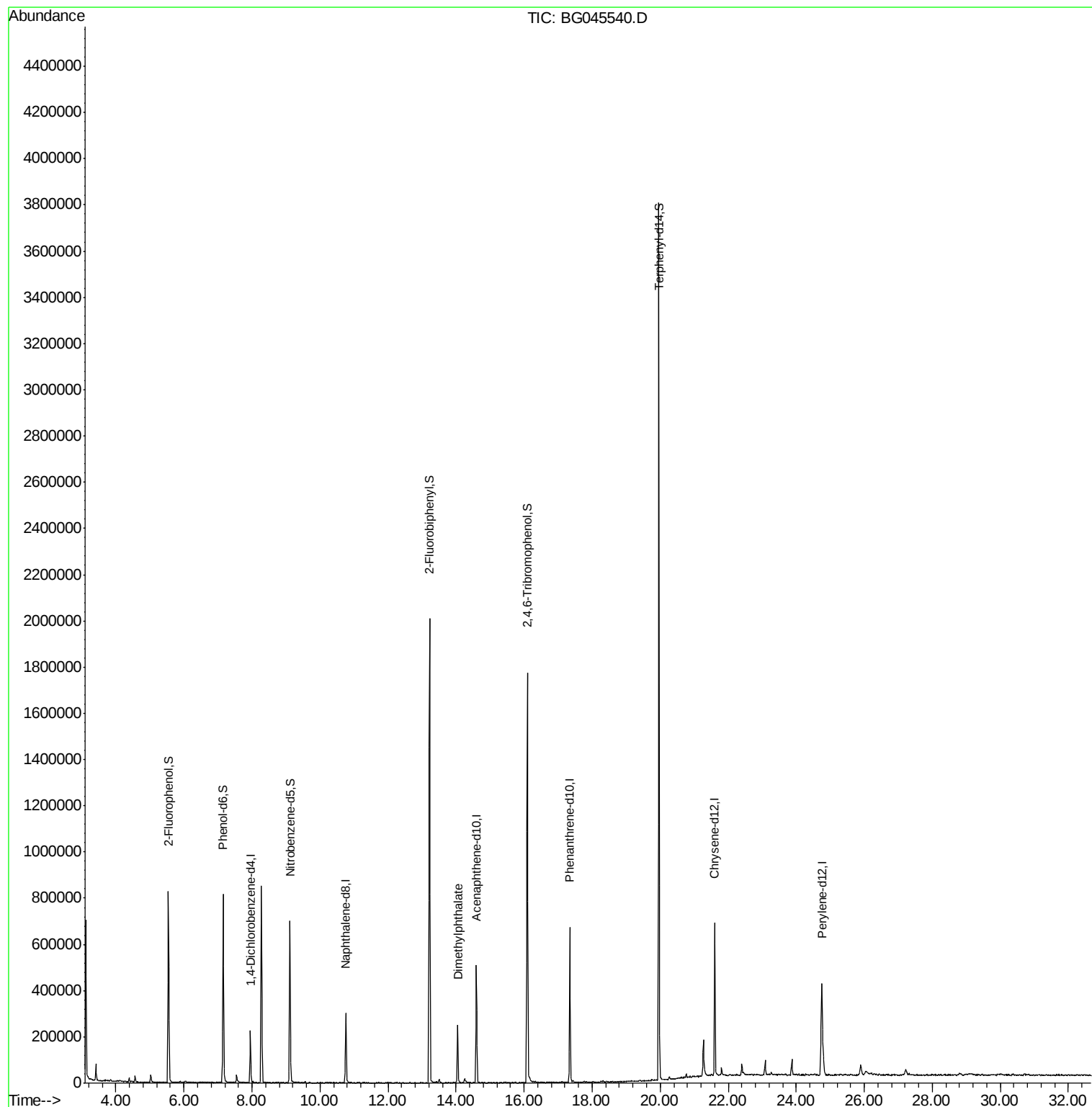
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66413	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	261241	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	190476	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	445140	20.00	ng	0.00
76) Chrysene-d12	21.60	240	416120	20.00	ng	0.00
87) Perylene-d12	24.75	264	458106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402300	118.38	ng	0.00
7) Phenol-d6	7.15	99	531332	109.85	ng	-0.01
23) Nitrobenzene-d5	9.12	82	477397	99.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	370976	152.29	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1137141	101.26	ng	0.00
79) Terphenyl-d14	19.97	244	1867742	104.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	179868	13.77	ng	Qvalue 98

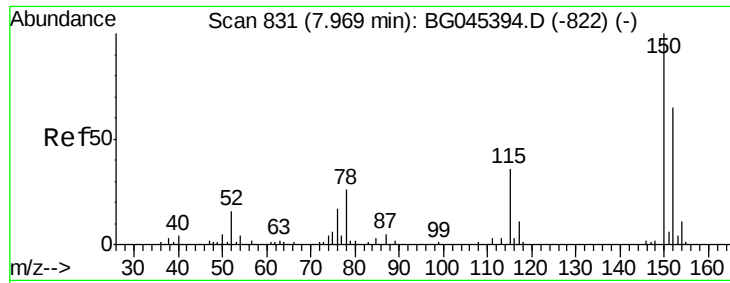
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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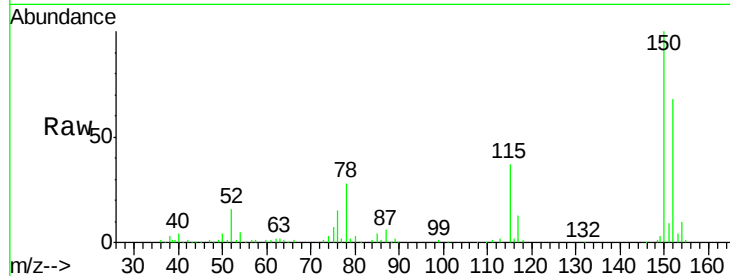




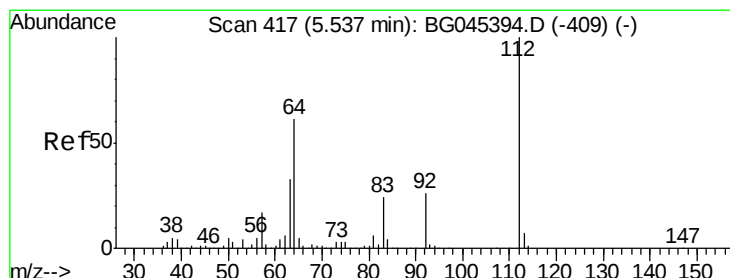
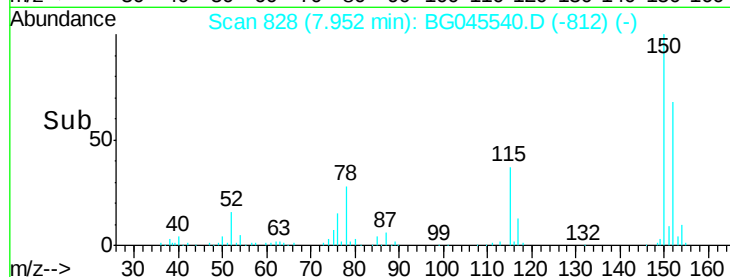
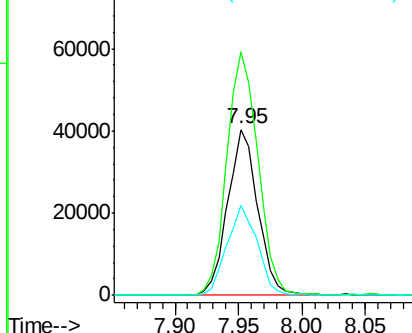
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Tgt Ion:152 Resp: 66413
 Ion Ratio Lower Upper
 152 100
 150 147.0 122.4 183.6
 115 54.3 44.2 66.4

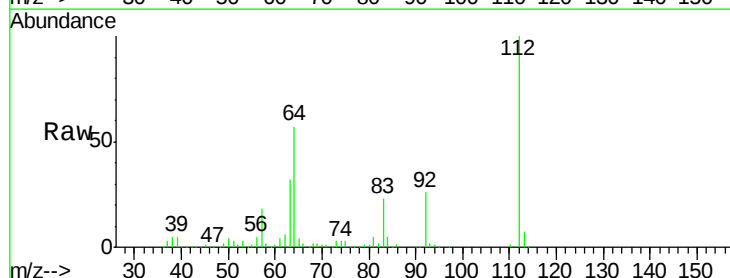


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

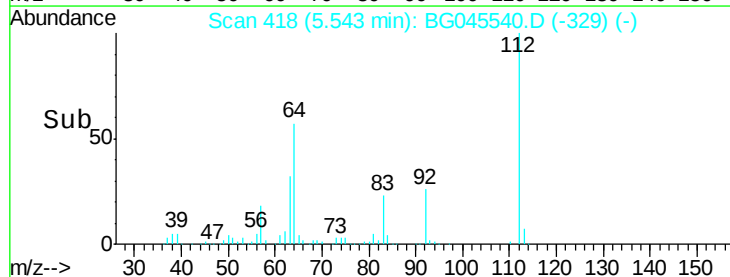
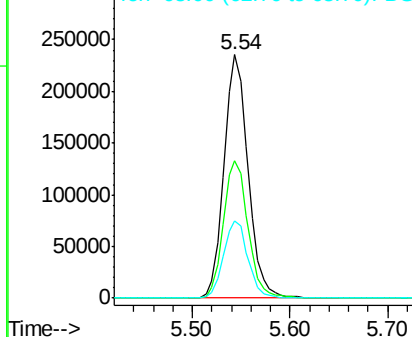


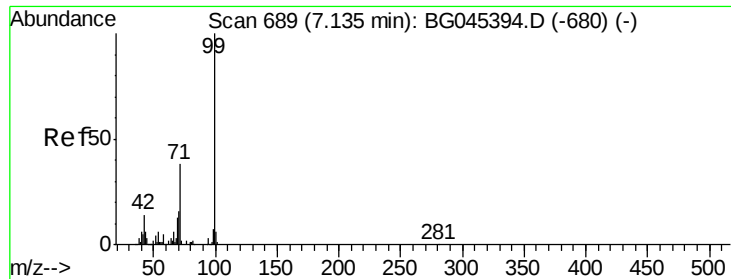
#5
 2-Fluorophenol
 Concen: 118.38 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Tgt Ion:112 Resp: 402300
 Ion Ratio Lower Upper
 112 100
 64 56.5 48.6 72.8
 63 31.8 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: 109.85 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Instrument :

BNA_G

ClientSampleId :

SU-01-052720

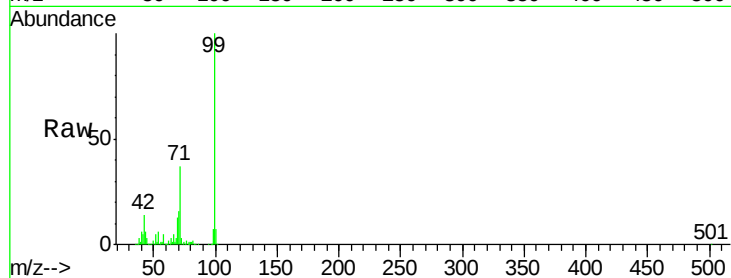
Tgt Ion: 99 Resp: 531332

Ion Ratio Lower Upper

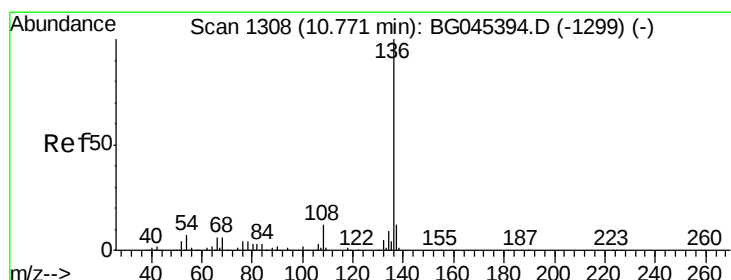
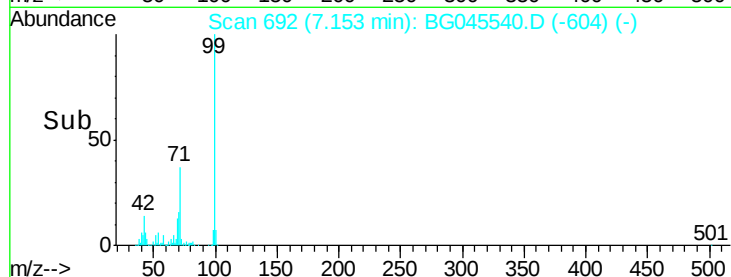
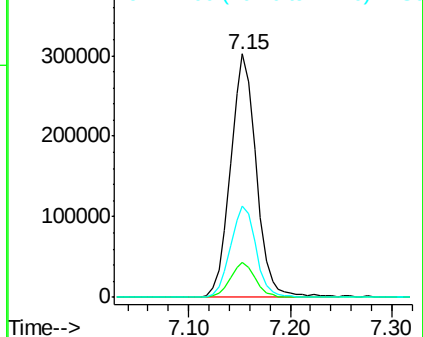
99 100

42 14.3 11.3 16.9

71 37.3 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: 20.00 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Tgt Ion: 136 Resp: 261241

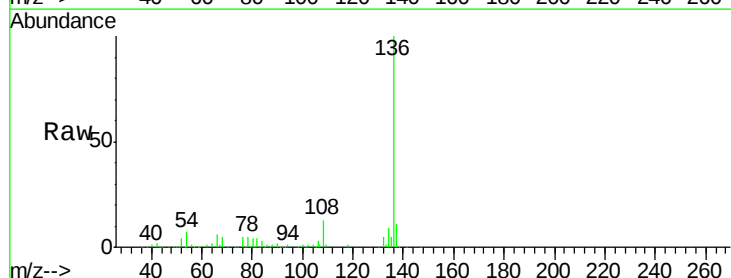
Ion Ratio Lower Upper

136 100

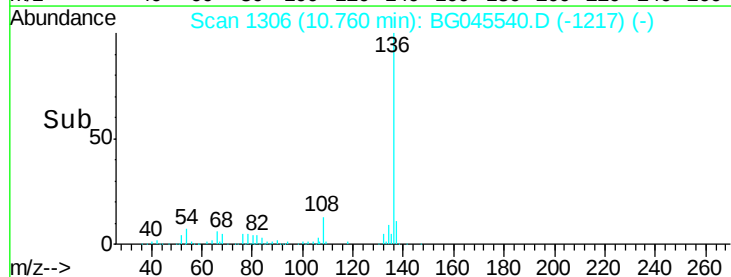
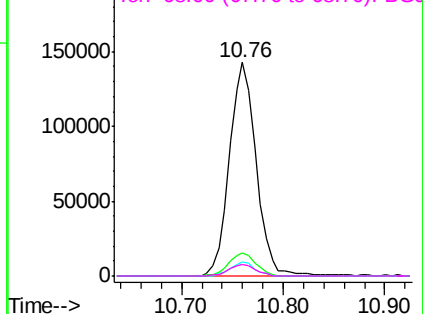
137 10.8 9.4 14.2

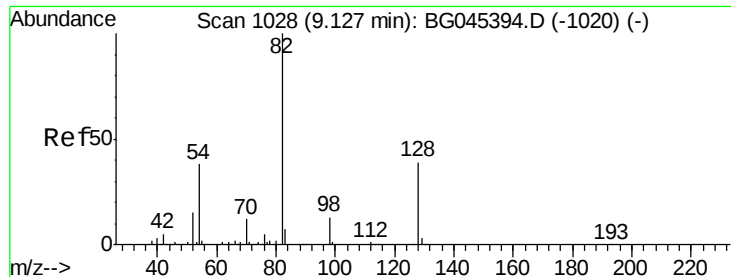
54 6.7 5.8 8.6

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

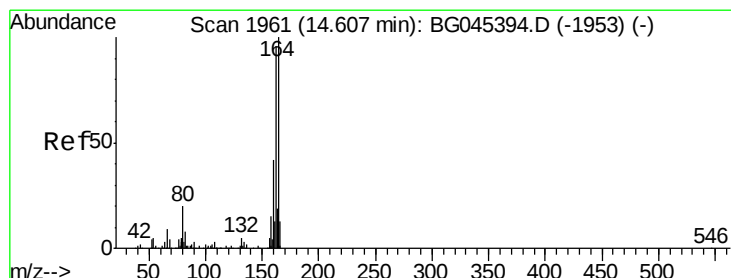
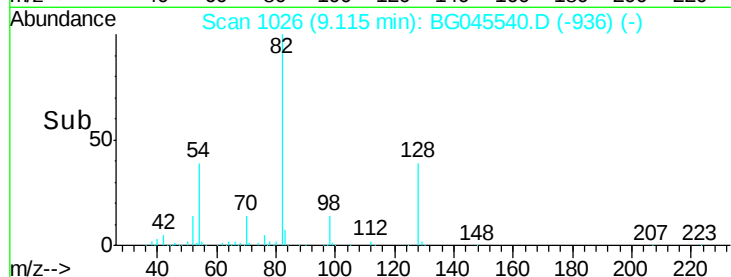
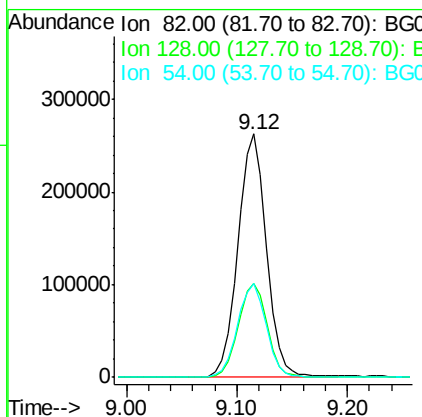
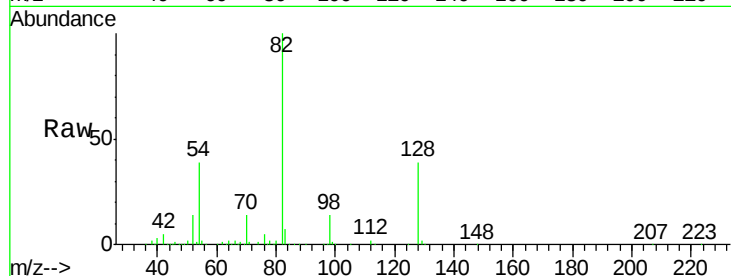




#23
 Nitrobenzene-d5
 Concen: 99.65 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

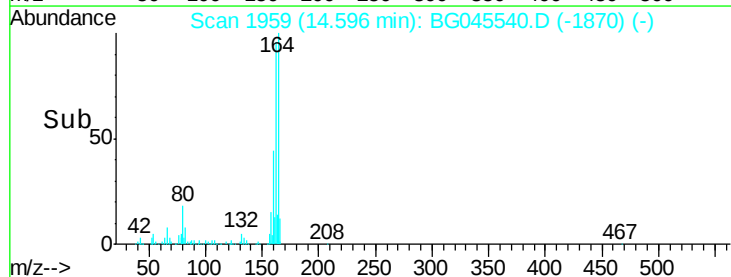
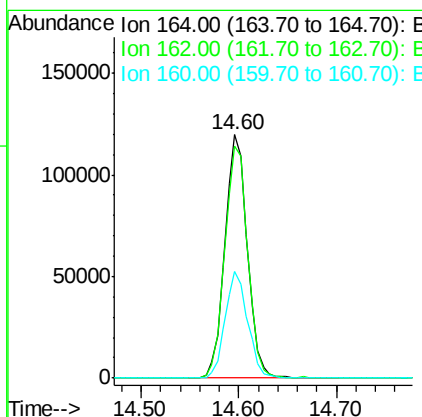
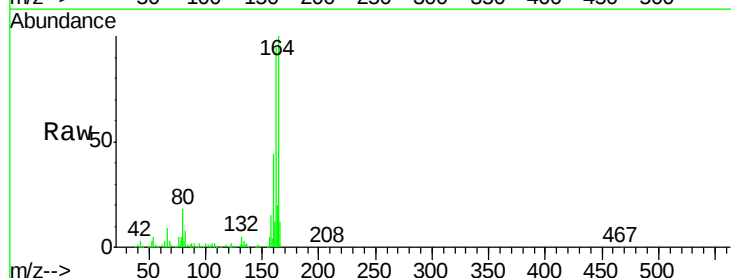
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

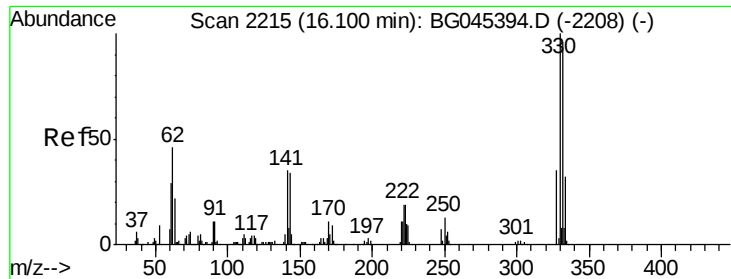
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.9	46.3
54	38.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.9	115.3
160	44.0	33.8	50.8

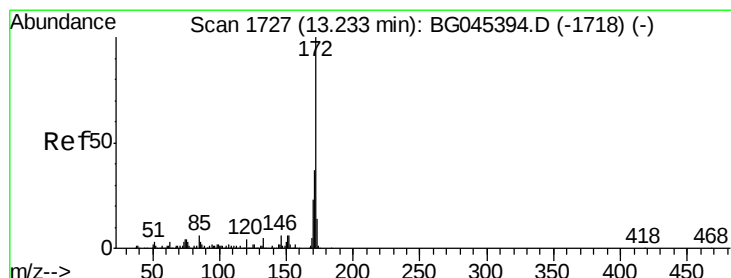
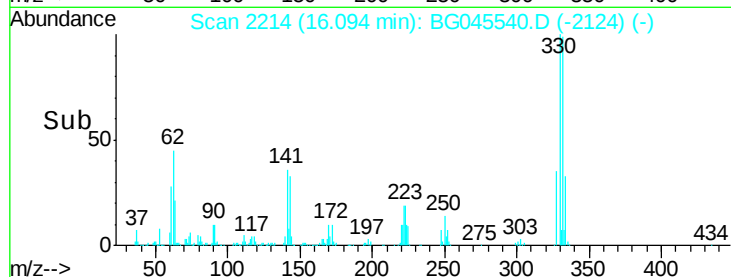
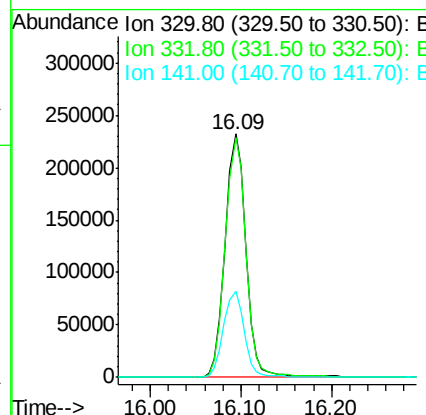
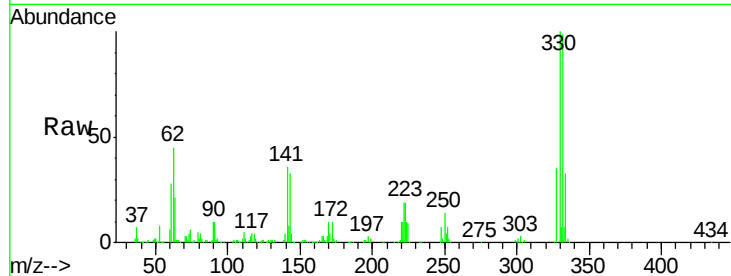




#42
 2,4,6-Tribromophenol
 Concen: 152.29 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

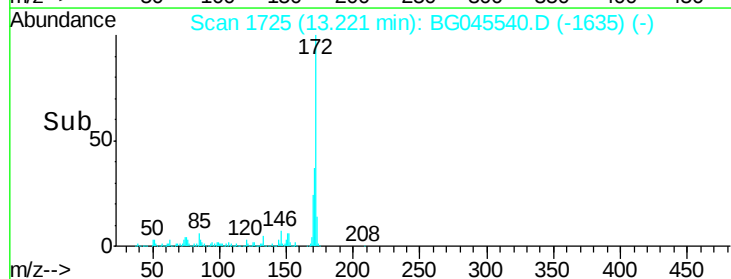
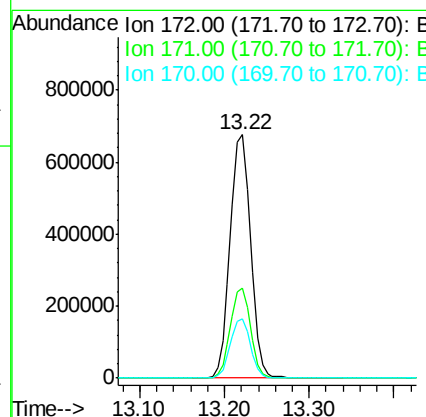
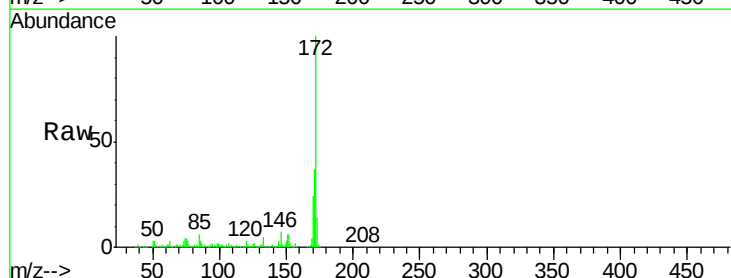
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	35.8	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 101.26 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045540.D
 Acq: 30 May 2020 4:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.1	18.5	27.7





#50

Dimethylphthalate

Concen: 13.77 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

Instrument :

BNA_G

ClientSampleId :

SU-01-052720

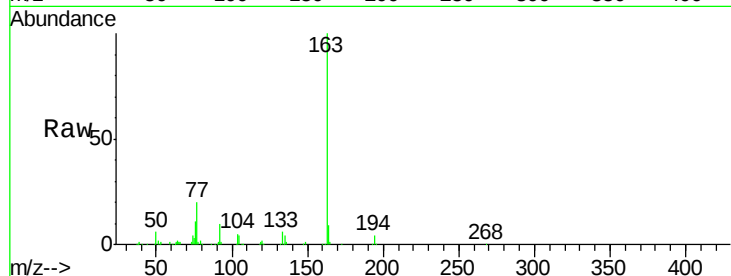
Tgt Ion:163 Resp: 179868

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.3 8.3 12.5

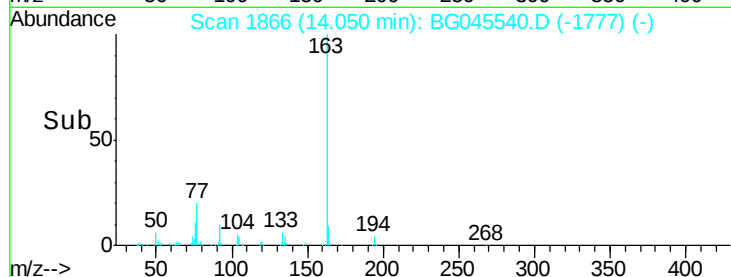


Abundance Ion 163.00 (162.70 to 163.70): E

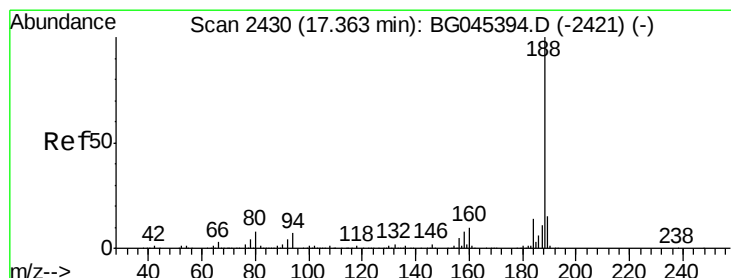
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.05



Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045540.D

Acq: 30 May 2020 4:42

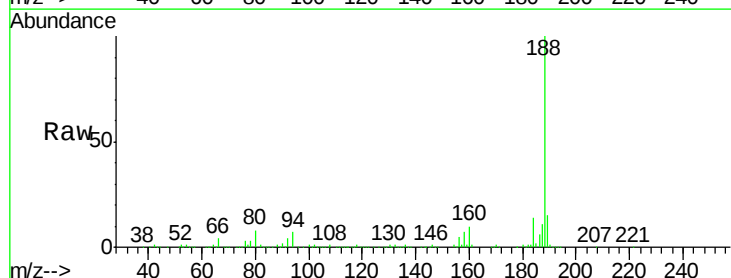
Tgt Ion:188 Resp: 445140

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 8.1 6.6 10.0

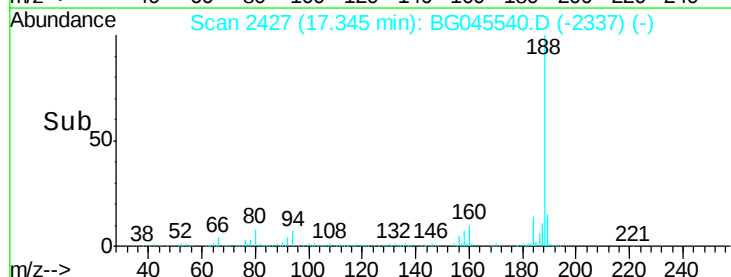


Abundance Ion 188.00 (187.70 to 188.70): E

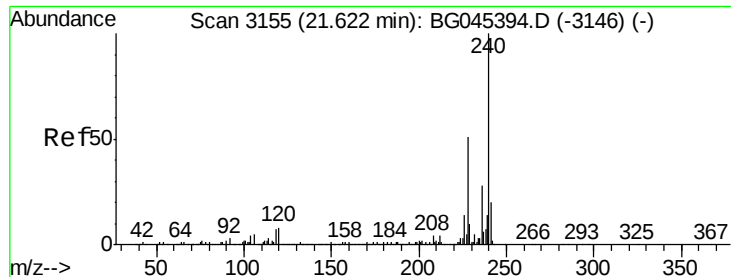
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.35



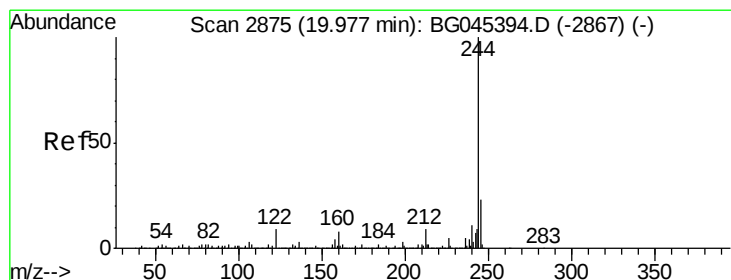
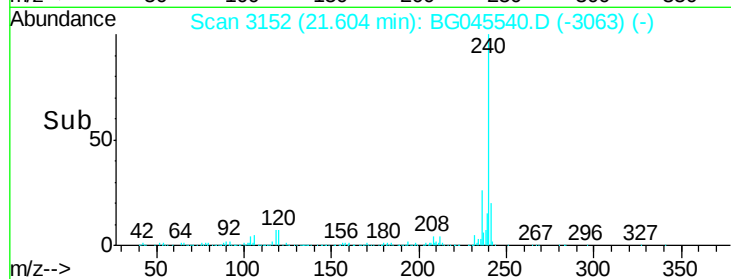
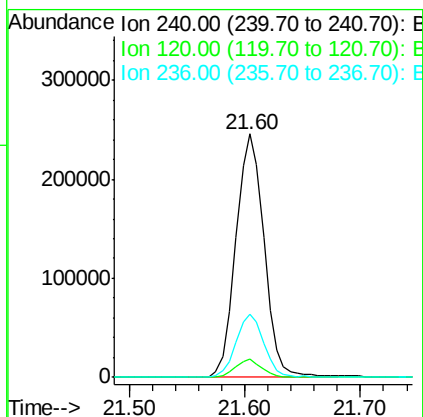
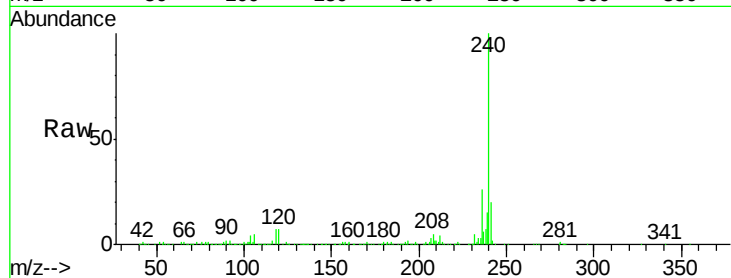
Time-->



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

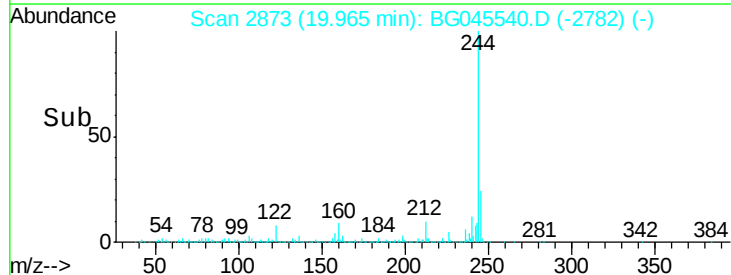
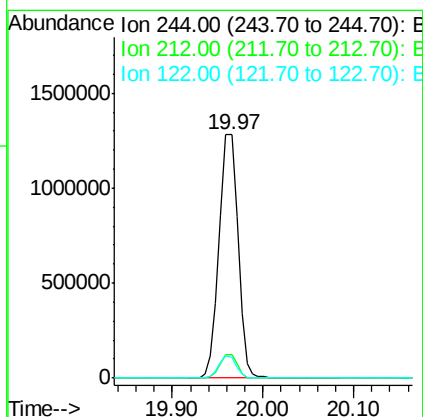
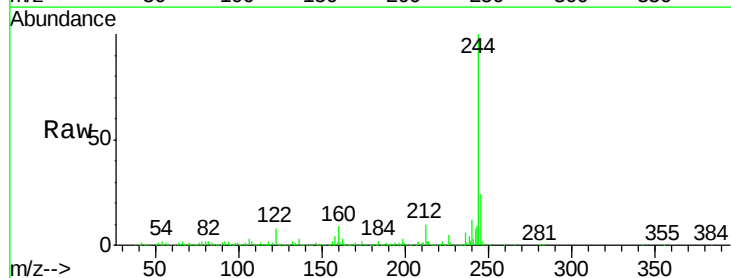
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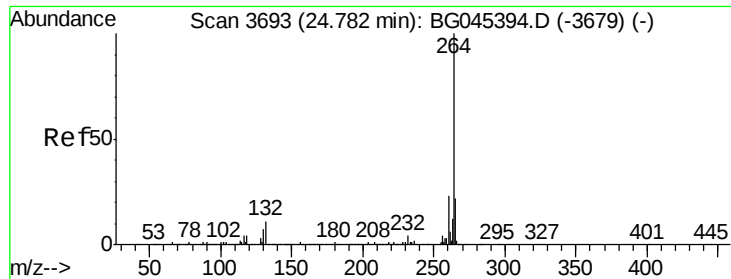
Tgt Ion:240 Resp: 416120
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.0 22.3 33.5



#79
Terphenyl-d14
Concen: 104.68 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Tgt Ion:244 Resp: 1867742
Ion Ratio Lower Upper
244 100
212 9.6 7.4 11.0
122 8.4 6.8 10.2





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045540.D
Acq: 30 May 2020 4:42

Instrument :
BNA_G
ClientSampleId :
SU-01-052720

Tgt Ion:	264	Resp:	458106
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.3	17.6	26.4

