

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045528.D
 Acq On : 29 May 2020 17:58
 Operator : CG/JU
 Sample : L2773-28
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-05

Quant Time: May 29 18:35:04 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

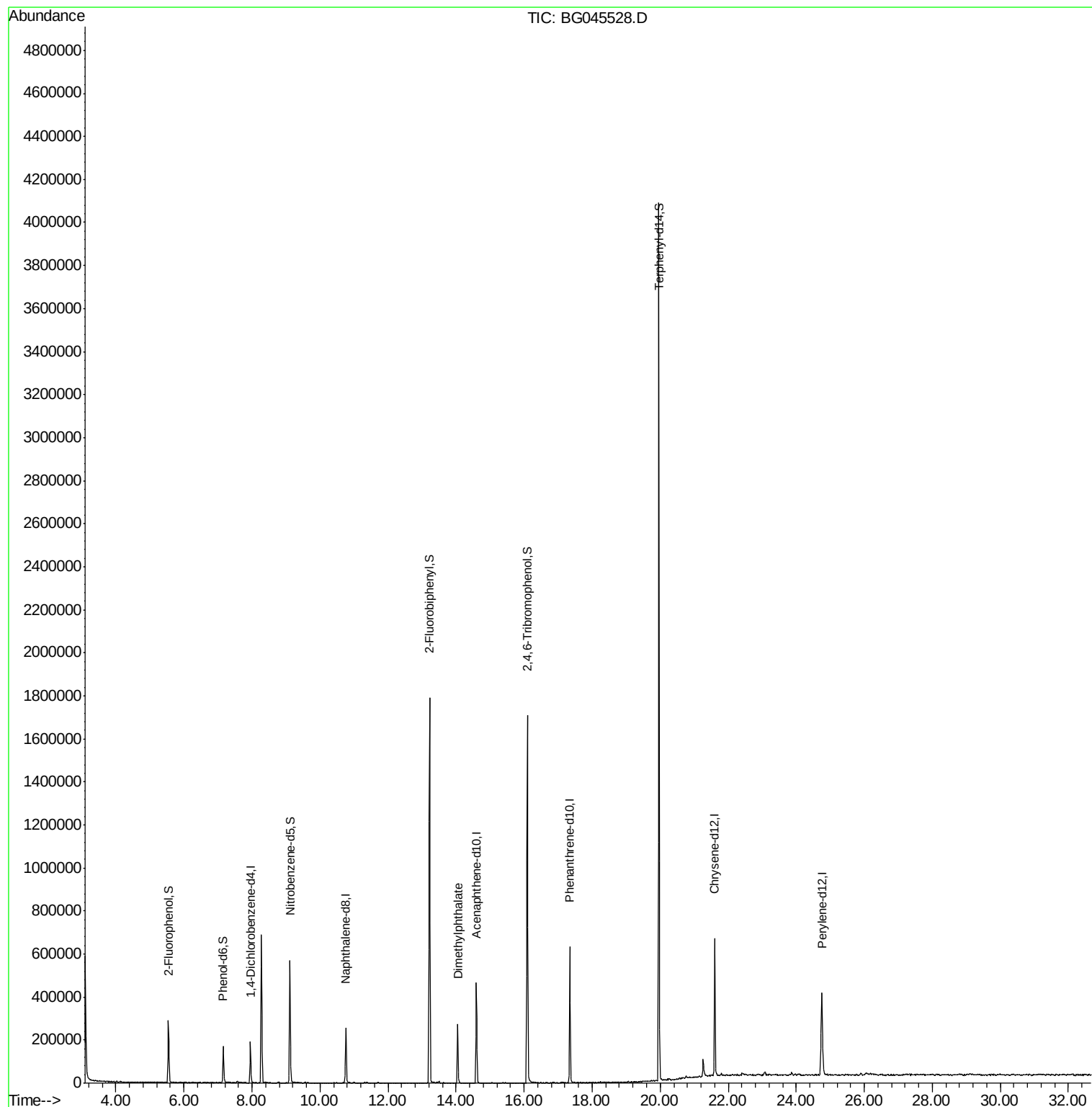
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58144	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	234729	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174294	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	425604	20.00	ng	0.00
76) Chrysene-d12	21.60	240	422327	20.00	ng	0.00
87) Perylene-d12	24.75	264	447326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	141852	47.68	ng	0.00
7) Phenol-d6	7.15	99	123548	29.18	ng	-0.01
23) Nitrobenzene-d5	9.11	82	388131	90.17	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	357558	160.41	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	989869	96.33	ng	0.00
79) Terphenyl-d14	19.97	244	1965490	108.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	195394	16.34	ng	Qvalue 99

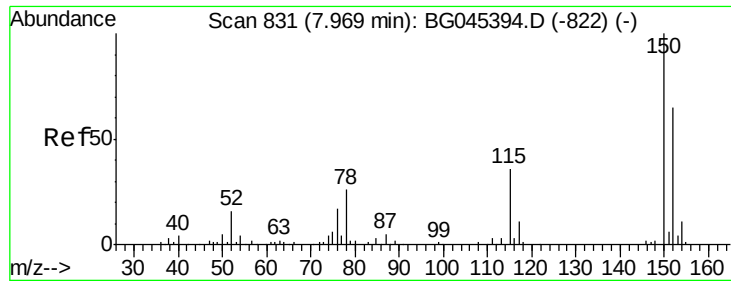
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045528.D

Acq: 29 May 2020 17:58

Instrument :

BNA_G

ClientSampleId :

NM-EB-05

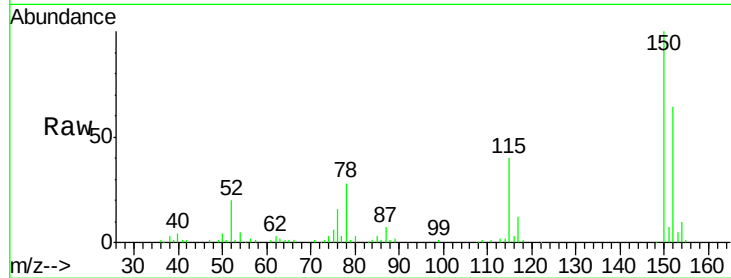
Tgt Ion:152 Resp: 58144

Ion Ratio Lower Upper

152 100

150 156.9 122.4 183.6

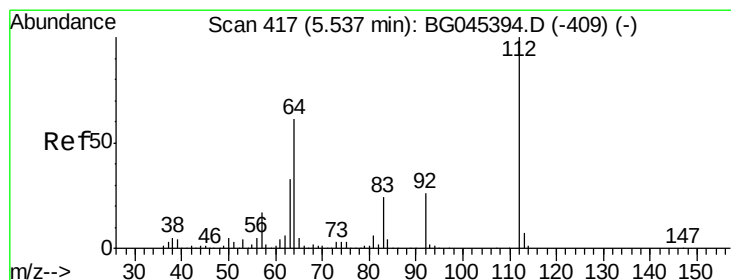
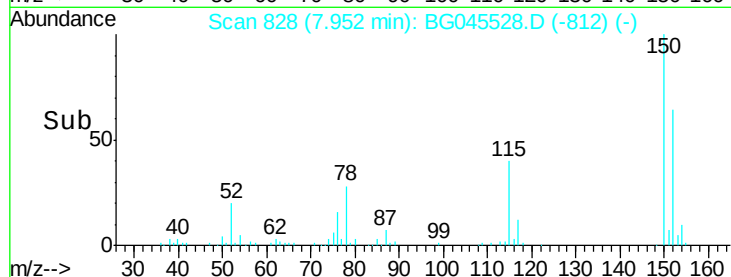
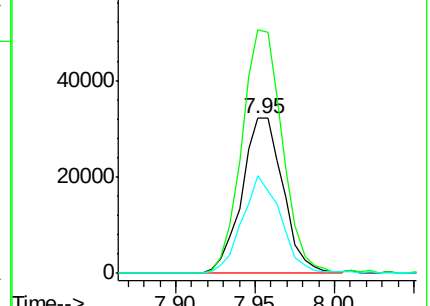
115 62.6 44.2 66.4



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: 47.68 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

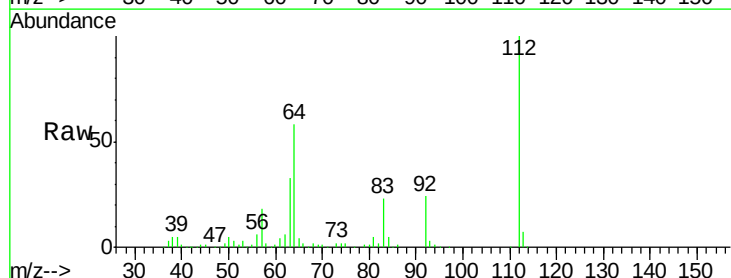
Tgt Ion:112 Resp: 141852

Ion Ratio Lower Upper

112 100

64 57.9 48.6 72.8

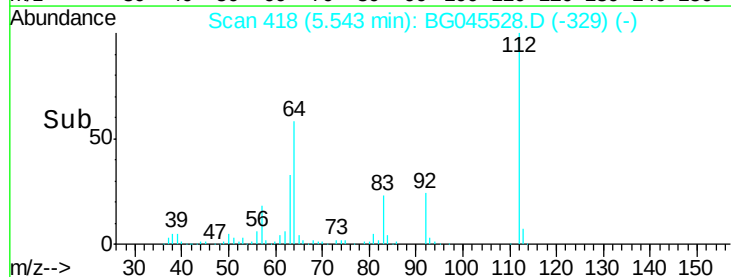
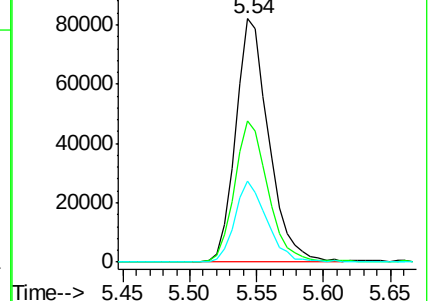
63 33.5 26.5 39.7

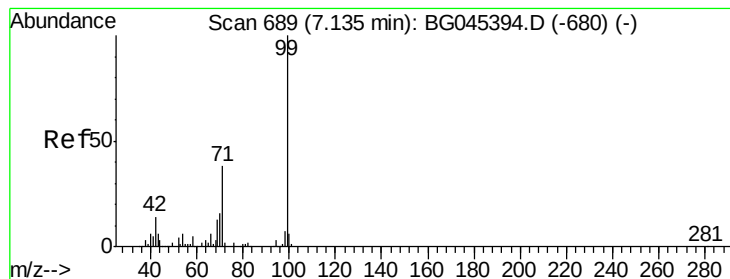


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.18 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

Instrument :

BNA_G

ClientSampleId :

NM-EB-05

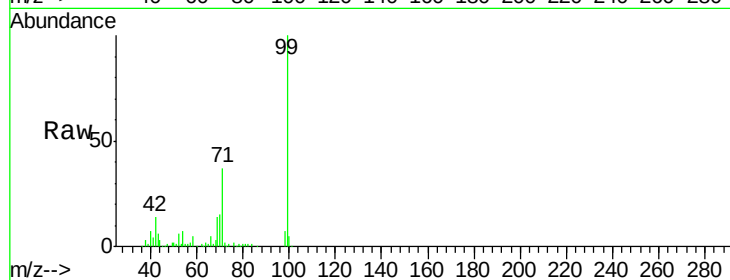
Tgt Ion: 99 Resp: 123548

Ion Ratio Lower Upper

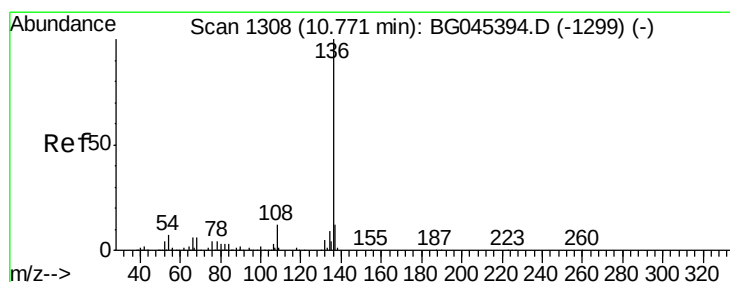
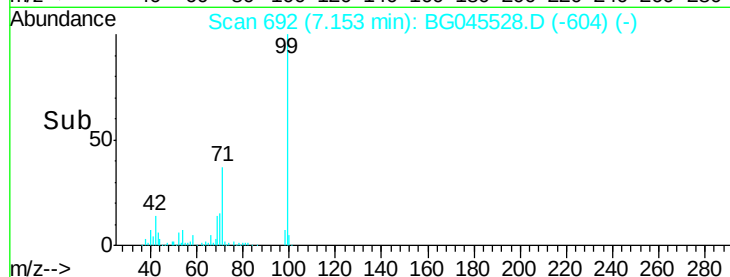
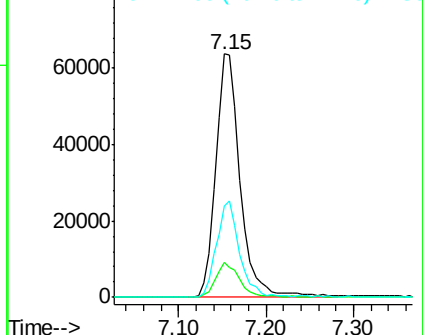
99 100

42 14.1 11.3 16.9

71 37.4 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: BG045528.D

Acq: 29 May 2020 17:58

Tgt Ion: 136 Resp: 234729

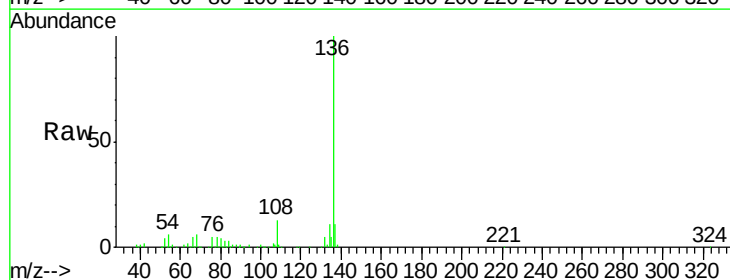
Ion Ratio Lower Upper

136 100

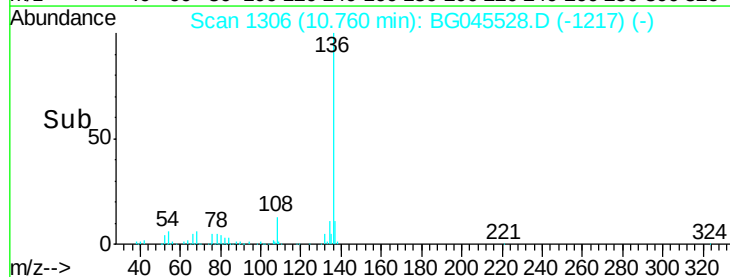
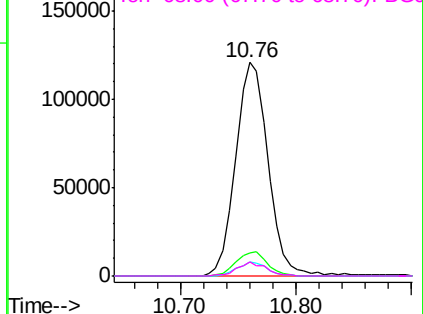
137 10.9 9.4 14.2

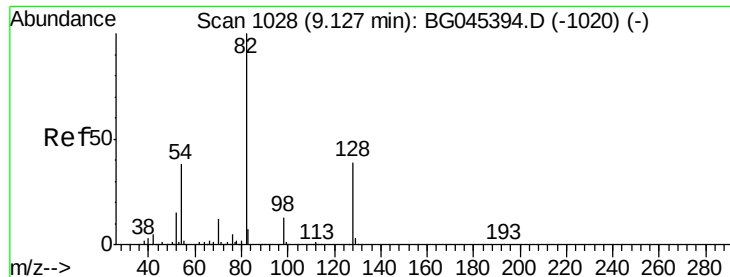
54 6.4 5.8 8.6

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

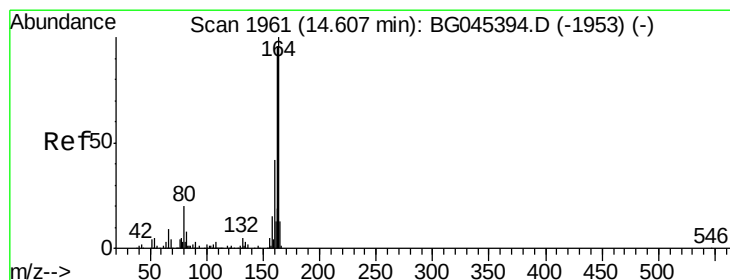
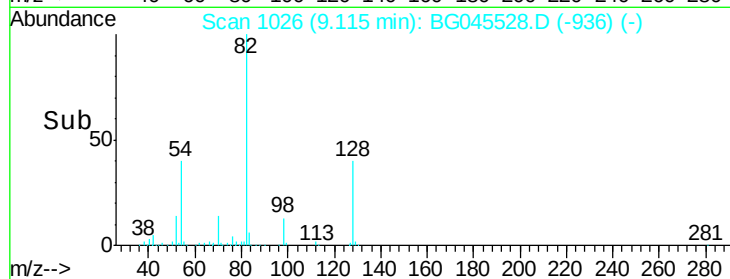
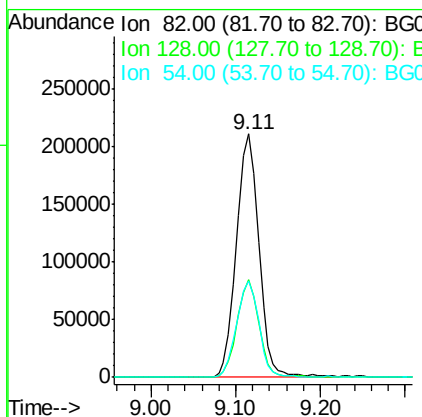
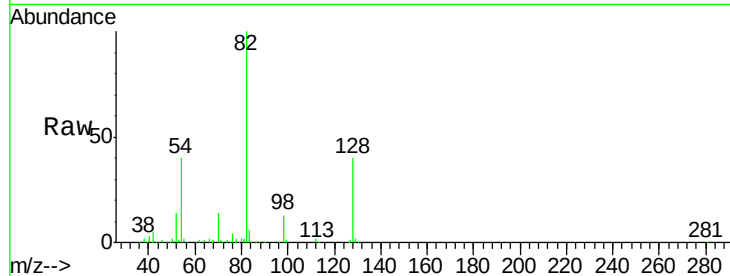




#23
 Nitrobenzene-d5
 Concen: 90.17 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045528.D
 Acq: 29 May 2020 17:58

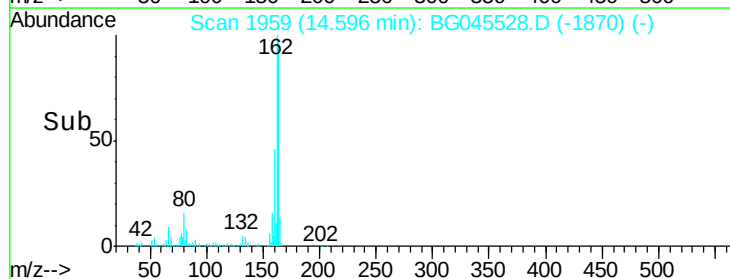
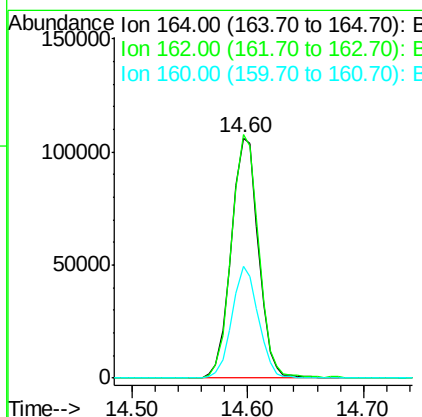
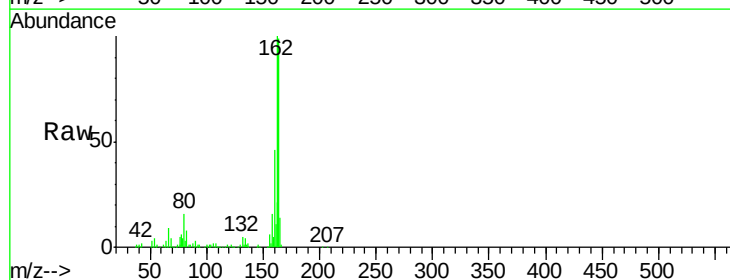
Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-05

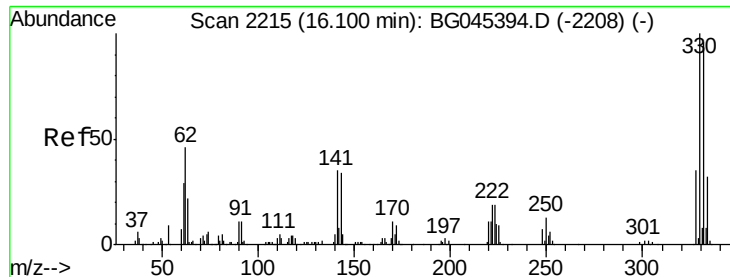
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	39.8	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045528.D
 Acq: 29 May 2020 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	76.9	115.3
160	46.6	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 160.41 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

Instrument :

BNA_G

ClientSampleId :

NM-EB-05

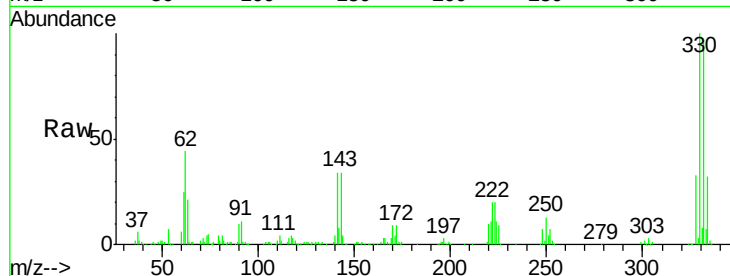
Tgt Ion:330 Resp: 357558

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

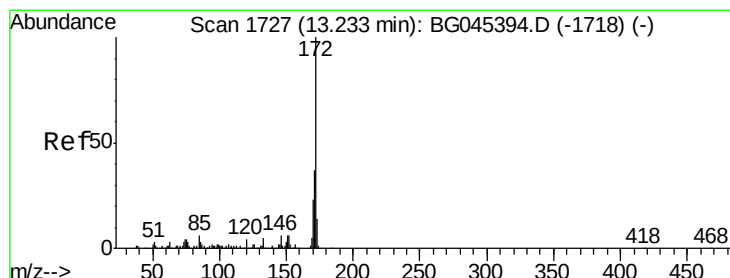
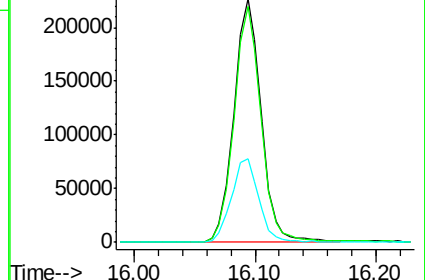
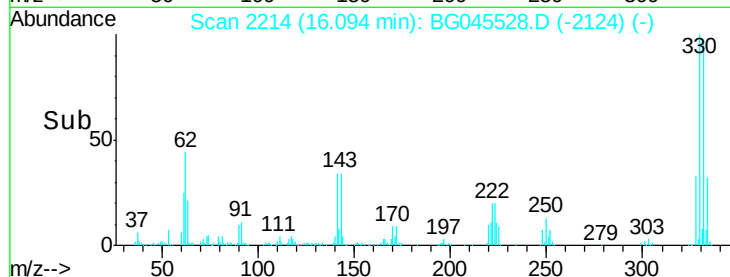
141 34.6 28.2 42.4



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: 96.33 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

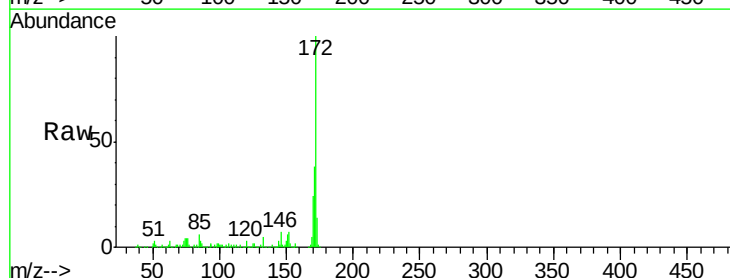
Tgt Ion:172 Resp: 989869

Ion Ratio Lower Upper

172 100

171 38.2 29.5 44.3

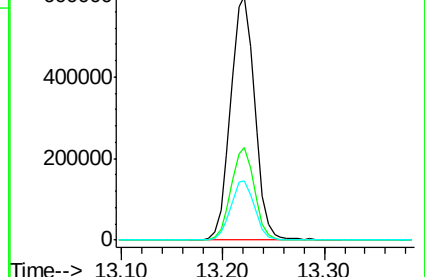
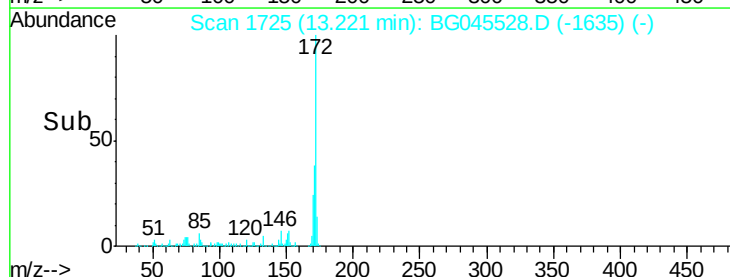
170 24.2 18.5 27.7

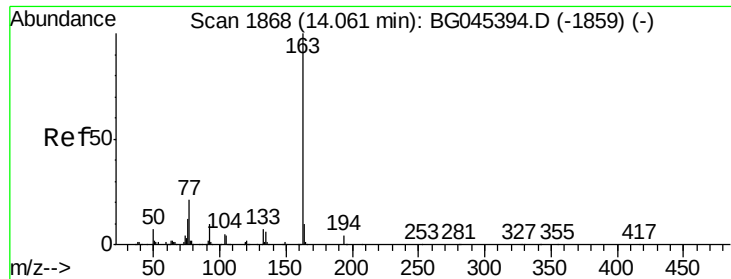


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.34 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

Instrument :

BNA_G

ClientSampleId :

NM-EB-05

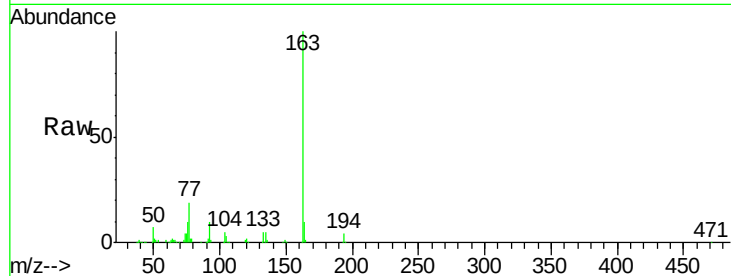
Tgt Ion:163 Resp: 195394

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

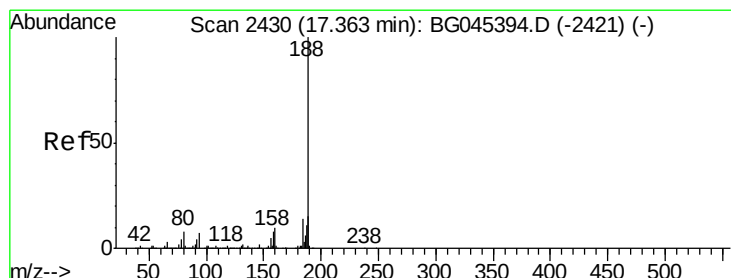
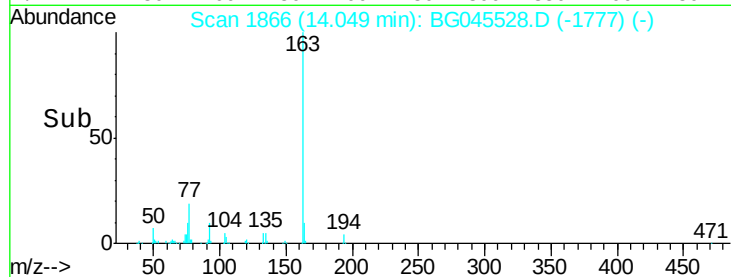
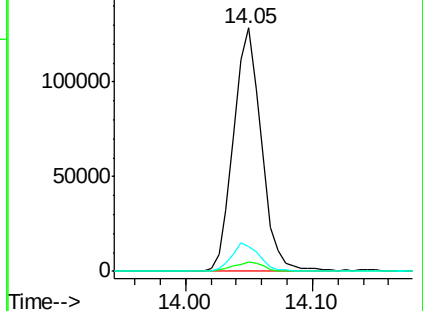
164 10.0 8.3 12.5



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: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045528.D

Acq: 29 May 2020 17:58

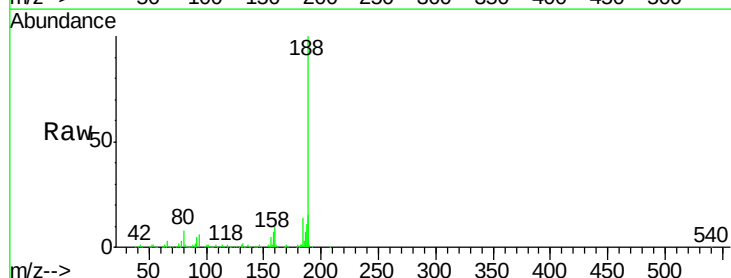
Tgt Ion:188 Resp: 425604

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

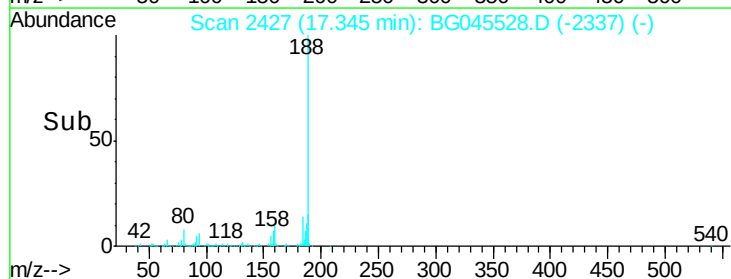
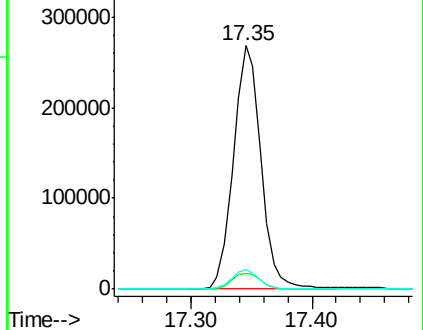
80 7.9 6.6 10.0

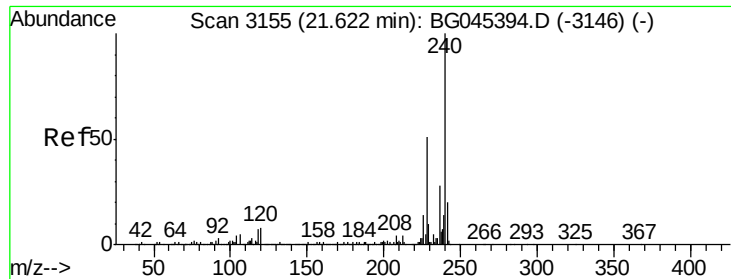


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

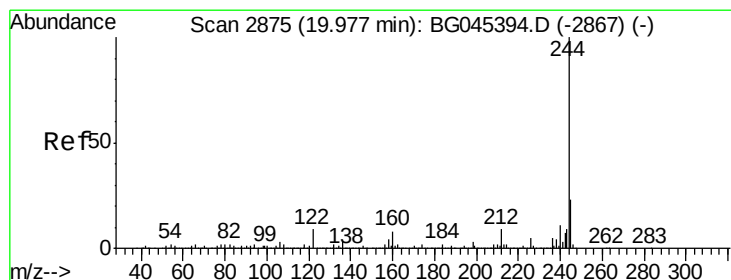
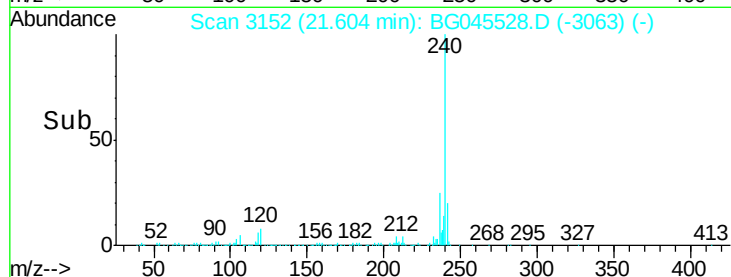
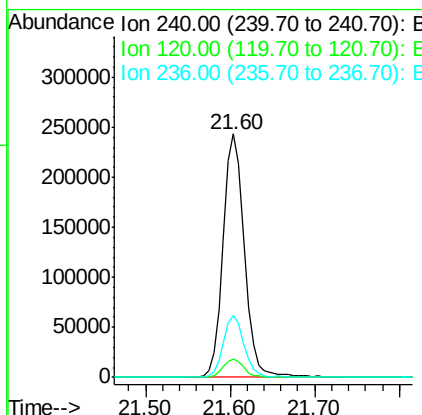
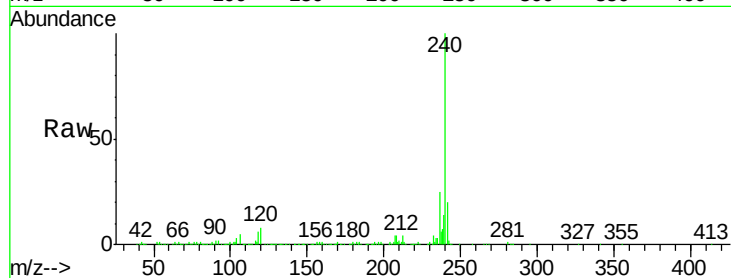




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045528.D
Acq: 29 May 2020 17:58

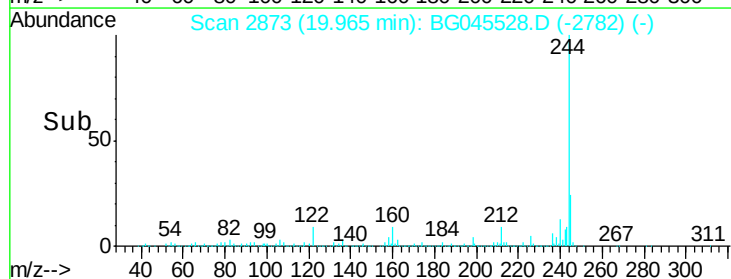
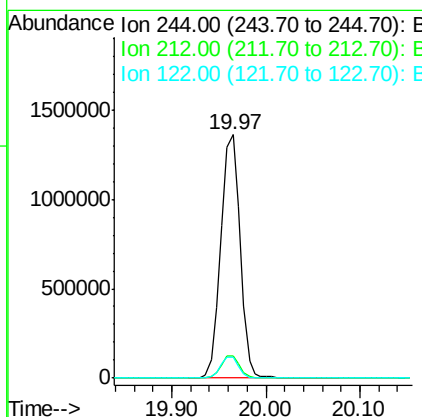
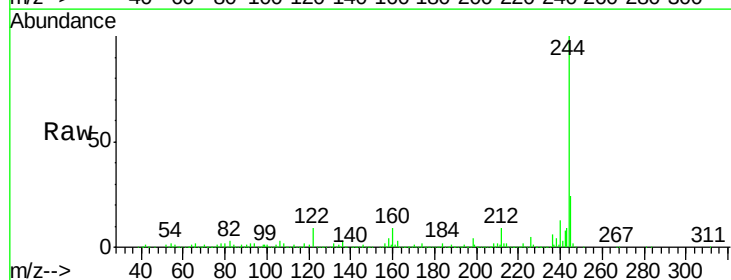
Instrument :
BNA_G
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NM-EB-05

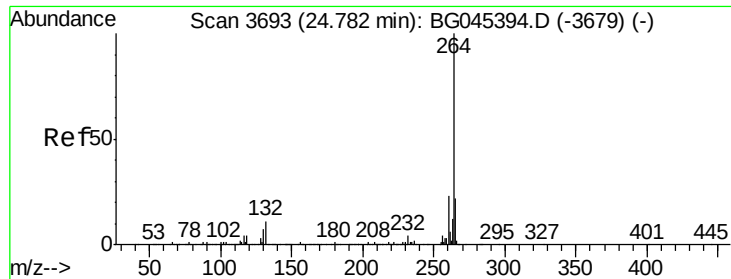
Tgt Ion:240 Resp: 422327
Ion Ratio Lower Upper
240 100
120 7.6 6.1 9.1
236 25.3 22.3 33.5



#79
Terphenyl-d14
Concen: 108.54 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045528.D
Acq: 29 May 2020 17:58

Tgt Ion:244 Resp: 1965490
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 8.6 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: BG045528.D
Acq: 29 May 2020 17:58

Instrument :
BNA_G
ClientSampleId :
NM-EB-05

Tgt Ion:	264	Resp:	447326
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.7	17.6	26.4

