

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045462.D
 Acq On : 26 May 2020 18:14
 Operator : CG/JU
 Sample : L2744-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM40-COMP-2020-0-6

Quant Time: May 27 01:25:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

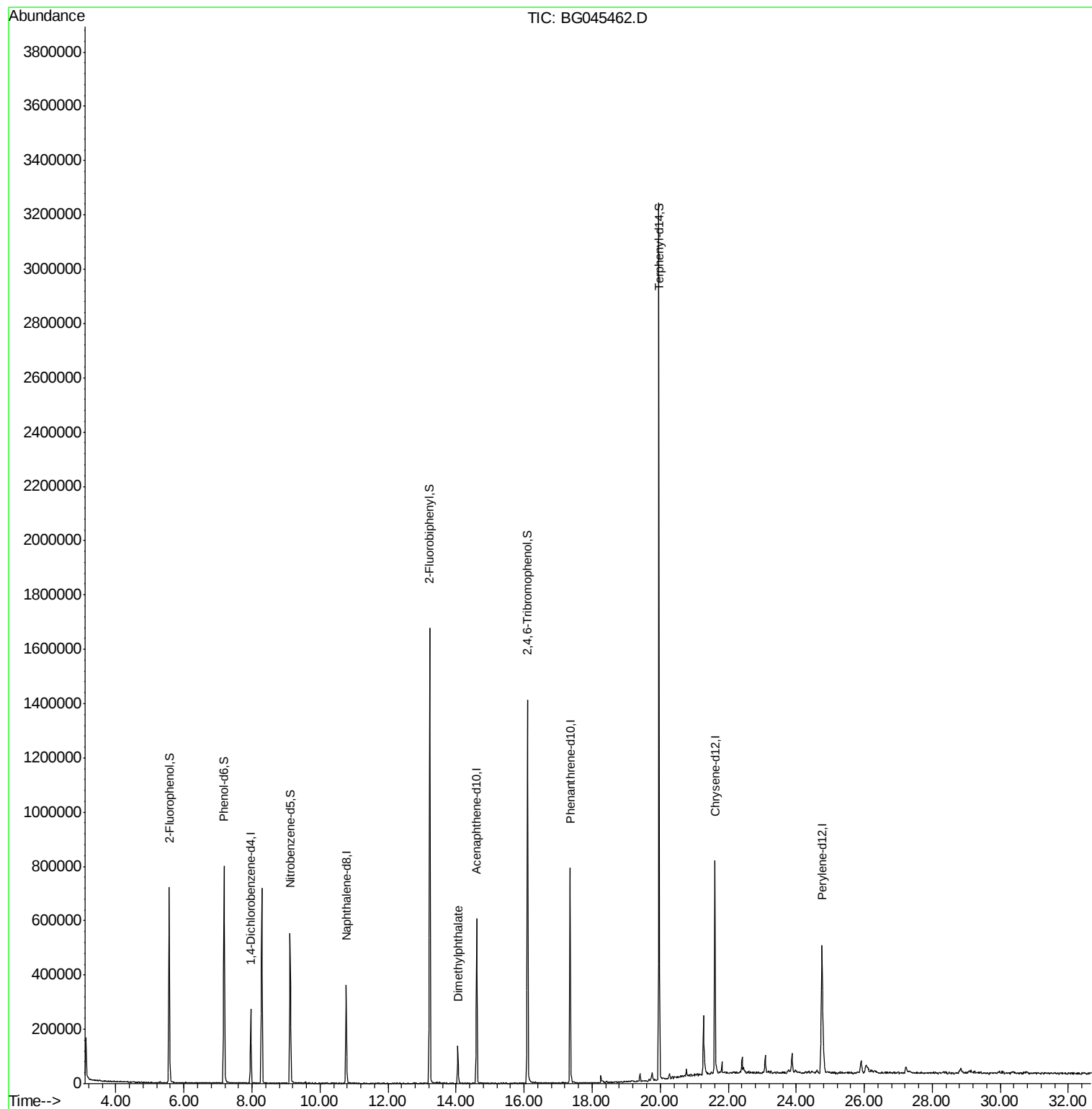
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83717	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	336276	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	234384	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	532508	20.00	ng	0.00
76) Chrysene-d12	21.61	240	497099	20.00	ng	0.00
87) Perylene-d12	24.76	264	541128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363909	84.95	ng	0.00
7) Phenol-d6	7.18	99	549688	90.16	ng	0.00
23) Nitrobenzene-d5	9.12	82	386860	62.73	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	291346	97.20	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	951057	68.83	ng	0.00
79) Terphenyl-d14	19.97	244	1536157	72.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	95799	5.96	ng	Qvalue 98

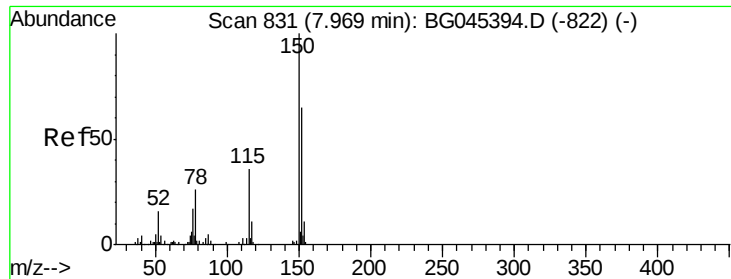
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 830

Delta R.T. 0.01 min

Lab File: BG045462.D

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NM40-COMP-2020-0-6

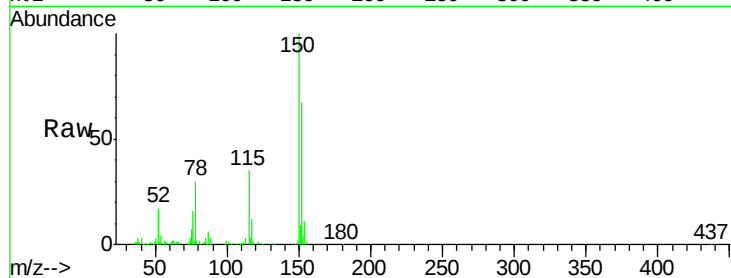
Tgt Ion:152 Resp: 83717

Ion Ratio Lower Upper

152 100

150 149.6 122.4 183.6

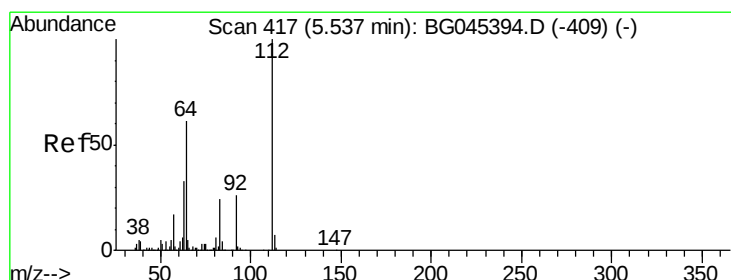
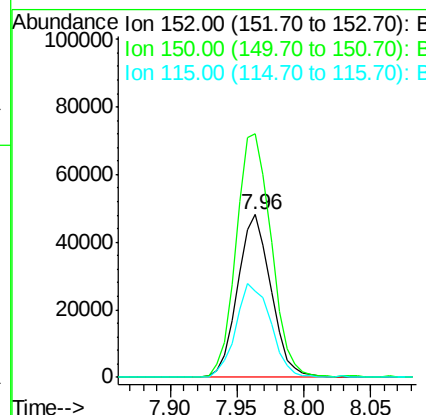
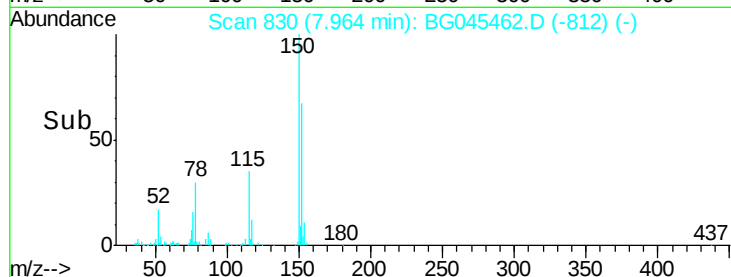
115 53.1 44.2 66.4



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: 84.95 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

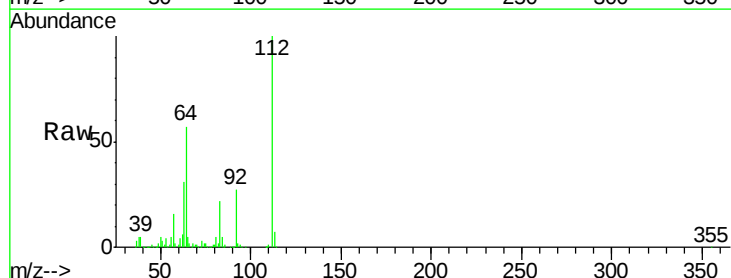
Tgt Ion:112 Resp: 363909

Ion Ratio Lower Upper

112 100

64 56.8 48.6 72.8

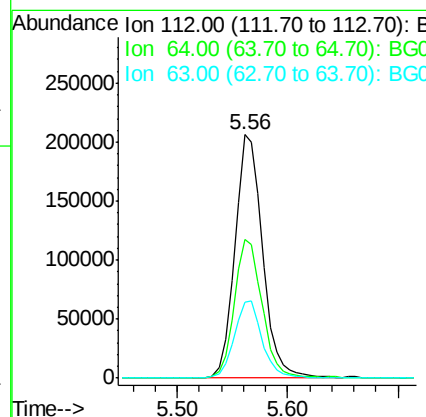
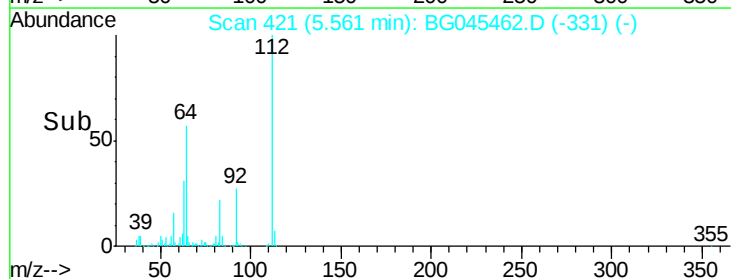
63 31.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 90.16 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

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NM40-COMP-2020-0-6

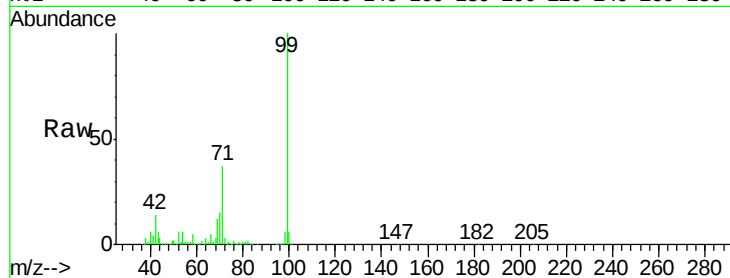
Tgt Ion: 99 Resp: 549688

Ion Ratio Lower Upper

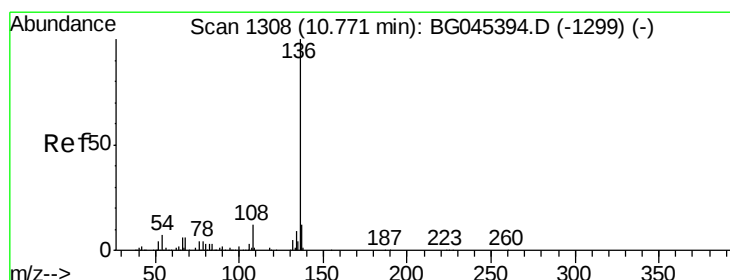
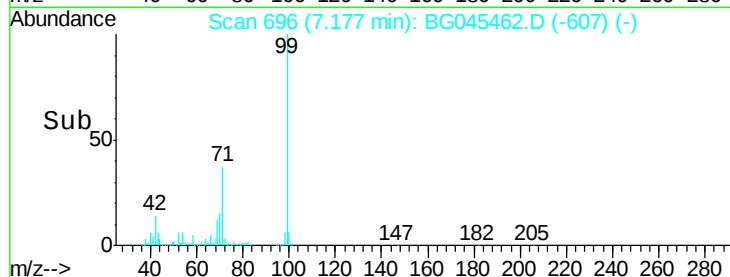
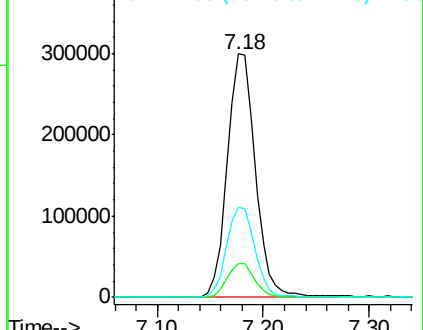
99 100

42 13.8 11.3 16.9

71 36.9 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: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Tgt Ion: 136 Resp: 336276

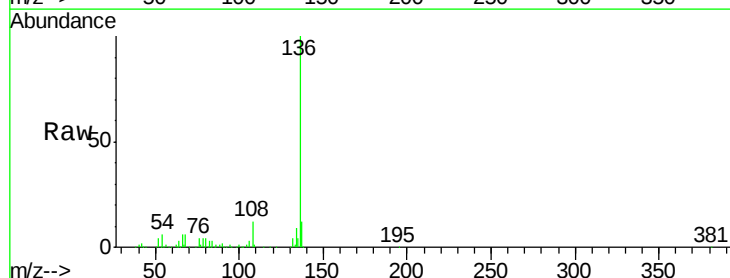
Ion Ratio Lower Upper

136 100

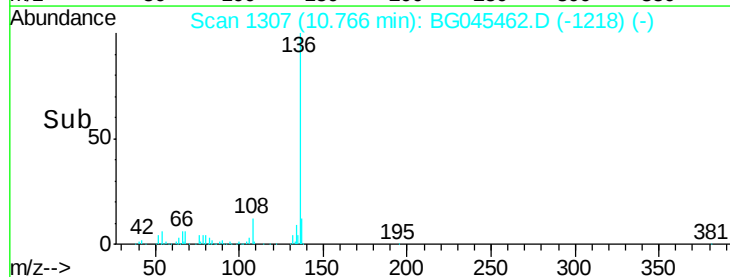
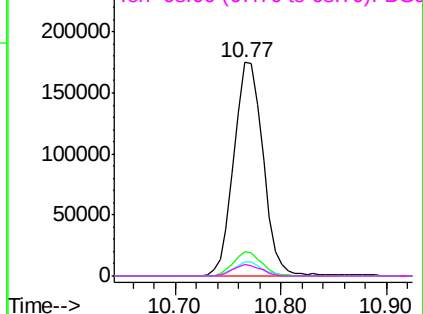
137 11.6 9.4 14.2

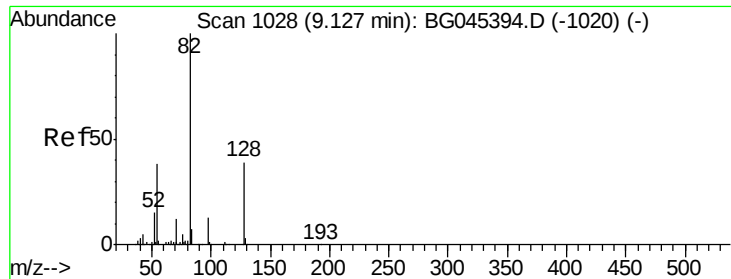
54 6.4 5.8 8.6

68 5.6 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

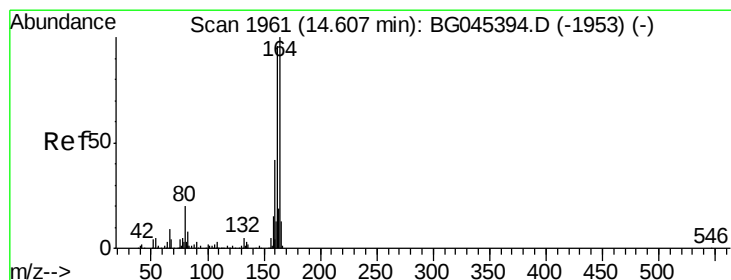
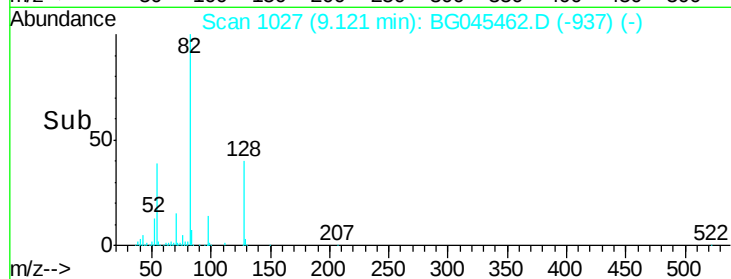
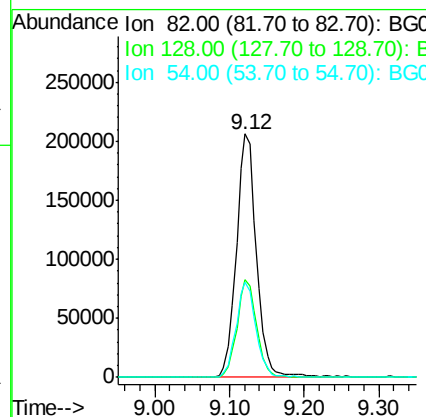
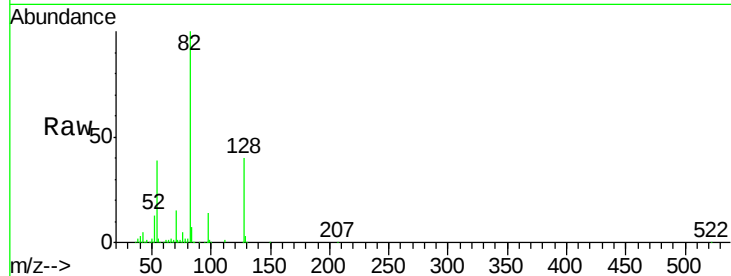




#23
 Nitrobenzene-d5
 Concen: 62.73 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

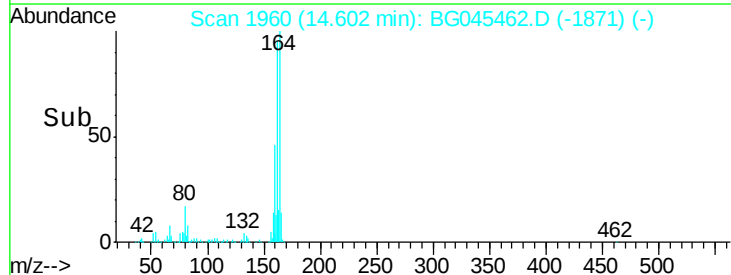
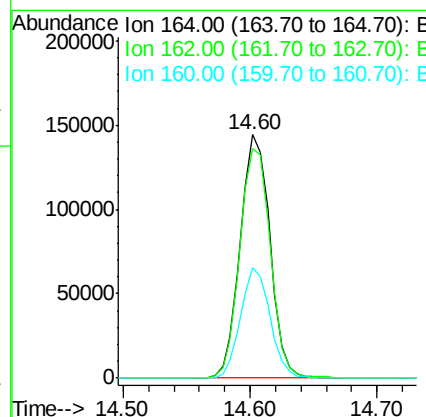
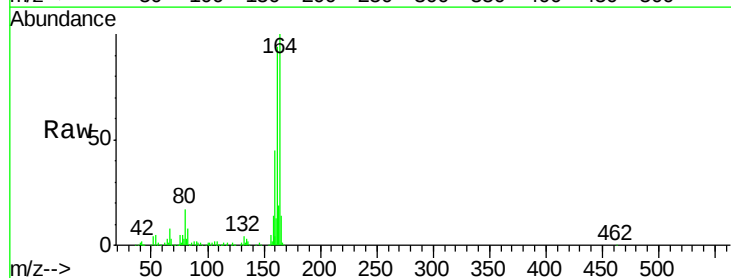
Instrument :
 BNA_G
 ClientSampleId :
 NM40-COMP-2020-0-6

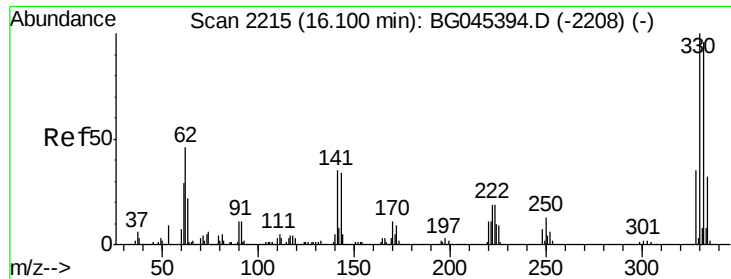
Tgt Ion: 82 Resp: 386860
 Ion Ratio Lower Upper
 82 100
 128 40.0 30.9 46.3
 54 38.9 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

Tgt Ion: 164 Resp: 234384
 Ion Ratio Lower Upper
 164 100
 162 94.2 76.9 115.3
 160 45.3 33.8 50.8

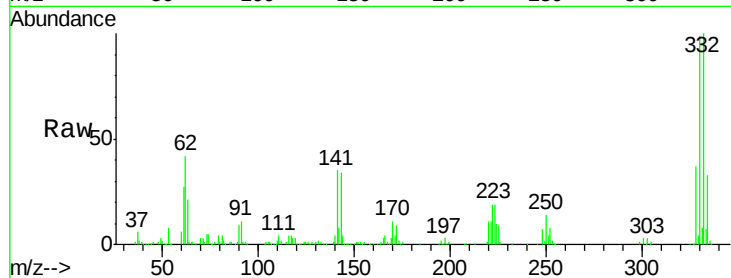




#42
 2,4,6-Tribromophenol
 Concen: 97.20 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

Instrument :
 BNA_G
 ClientSampleId :
 NM40-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	33.9	28.2	42.4

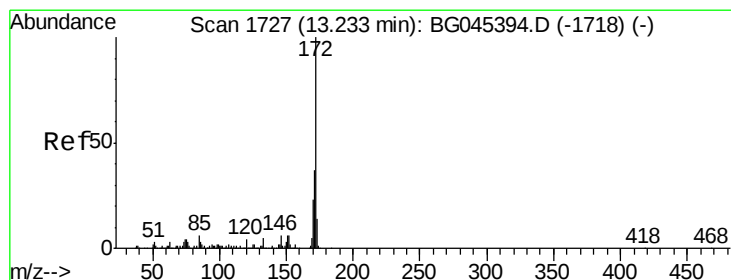
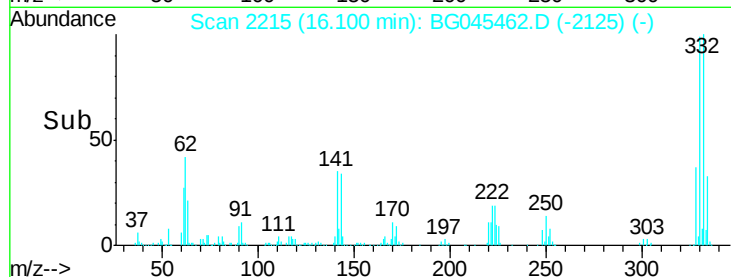
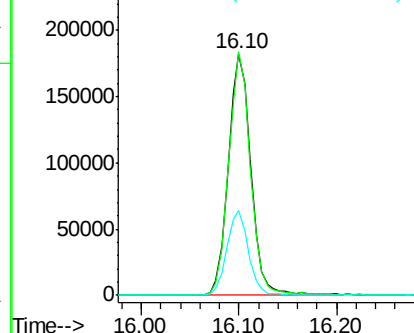


Abundance

Ion 329.80 (329.50 to 330.50): E

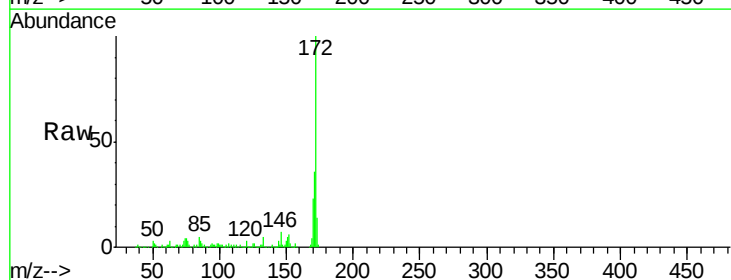
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.83 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.2	18.5	27.7

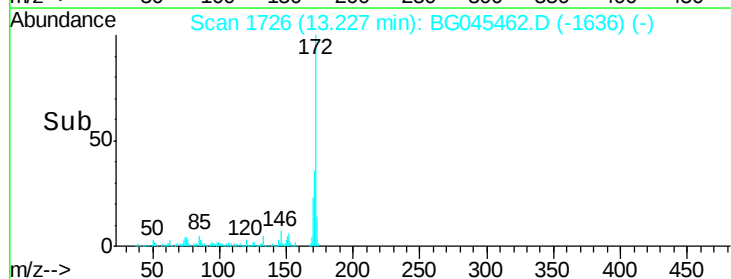
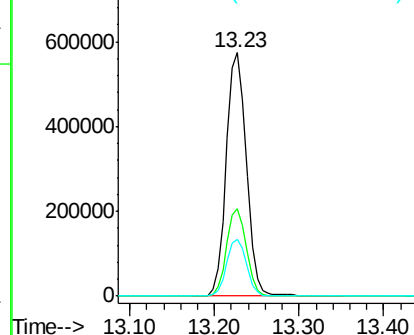


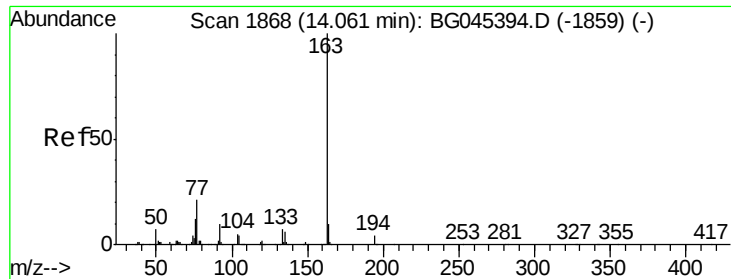
Abundance

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: 5.96 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

Instrument :

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NM40-COMP-2020-0-6

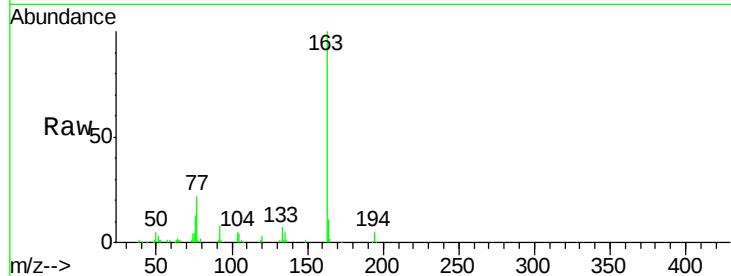
Tgt Ion:163 Resp: 95799

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

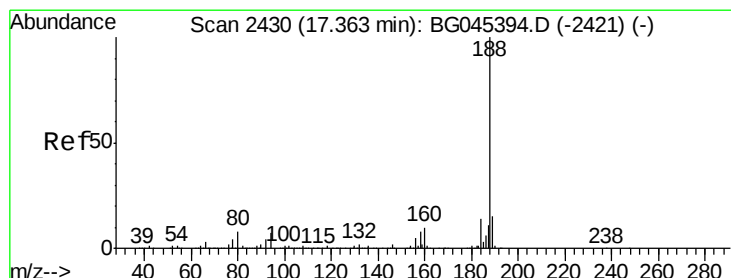
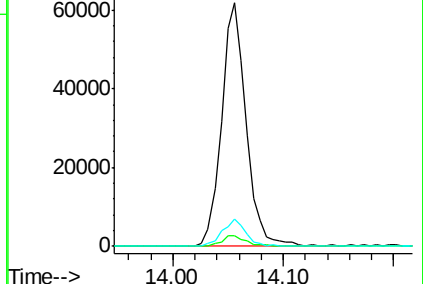
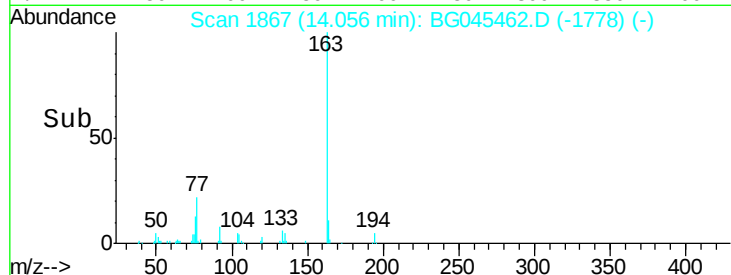
164 11.4 8.3 12.5



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# 2428

Delta R.T. 0.00 min

Lab File: BG045462.D

Acq: 26 May 2020 18:14

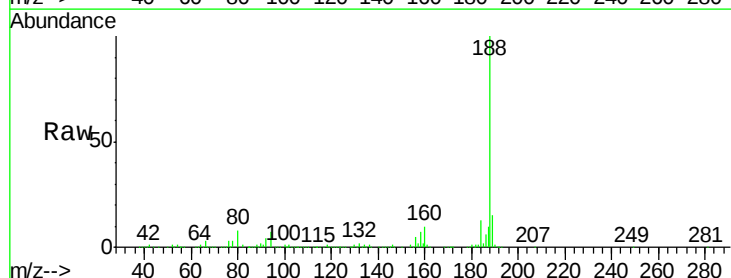
Tgt Ion:188 Resp: 532508

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

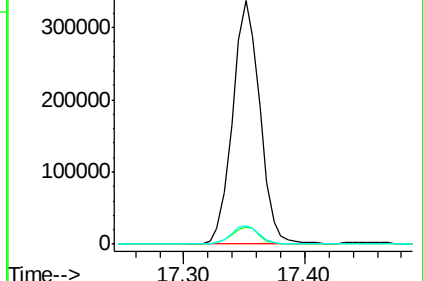
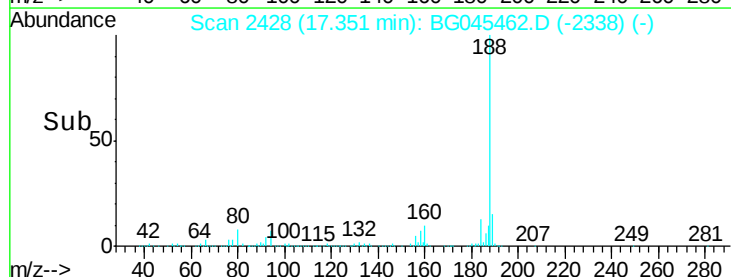
80 7.8 6.6 10.0

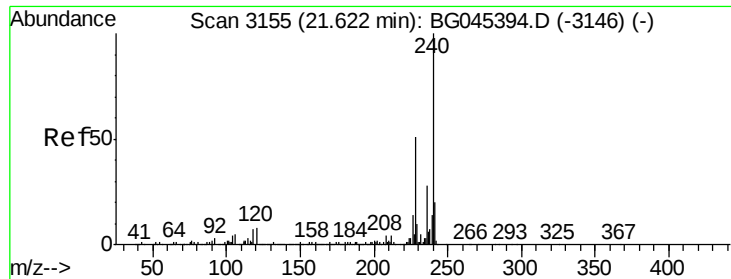


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

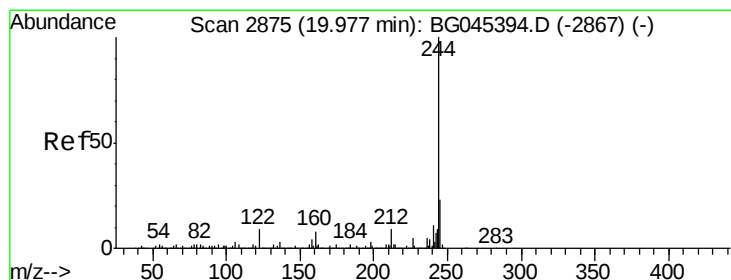
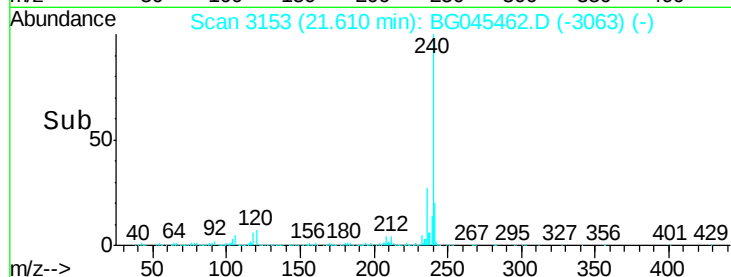
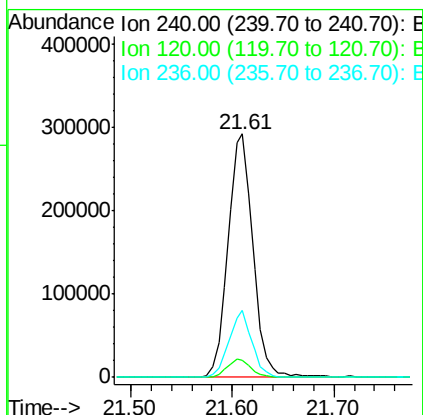
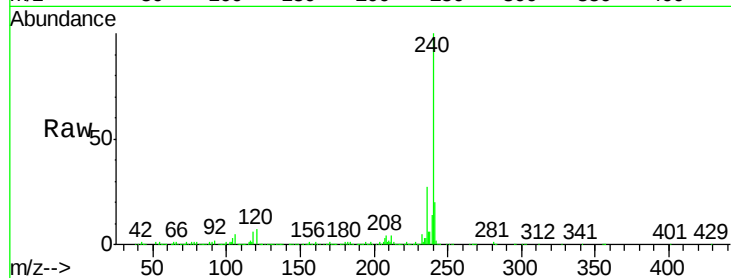




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

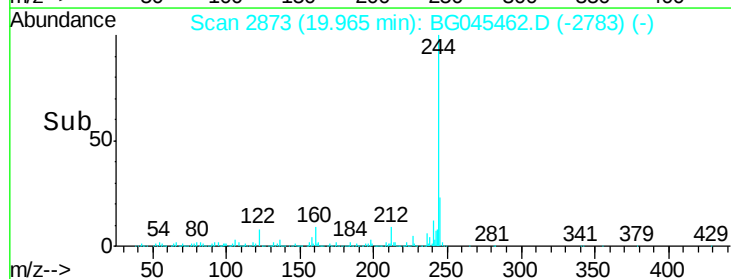
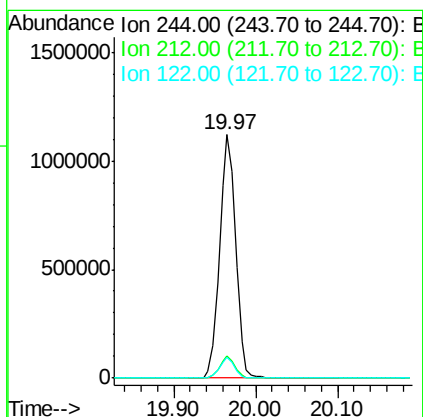
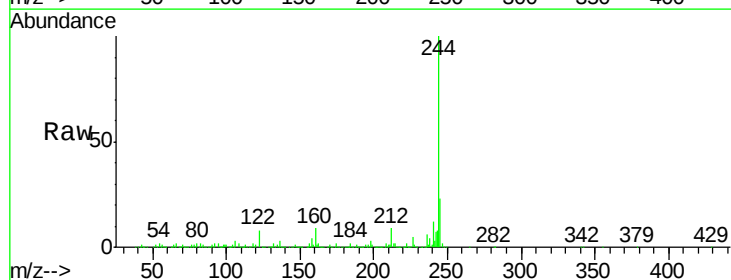
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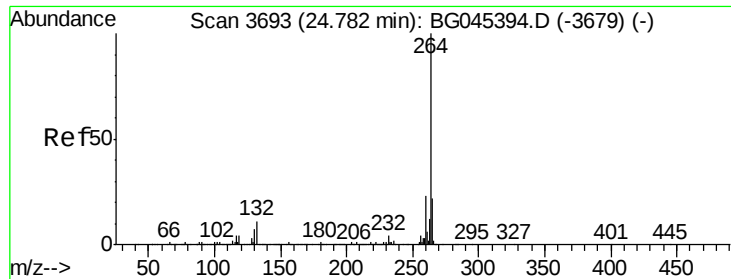
Tgt Ion:240 Resp: 497099
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.1 9.1
 236 27.3 22.3 33.5



#79
 Terphenyl-d14
 Concen: 72.07 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045462.D
 Acq: 26 May 2020 18:14

Tgt Ion:244 Resp: 1536157
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.4 11.0
 122 8.5 6.8 10.2





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045462.D
Acq: 26 May 2020 18:14

Instrument :
BNA_G
ClientSampleId :
NM40-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.7	17.6	26.4

