

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045444.D
 Acq On : 21 May 2020 17:41
 Operator : CG/JU
 Sample : L2506-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020

Quant Time: May 21 18:18:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	60945	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	239339	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	182300	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	434689	20.00	ng	0.00
76) Chrysene-d12	21.61	240	463692	20.00	ng	0.00
87) Perylene-d12	24.76	264	489891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	415956	133.38	ng	0.00
7) Phenol-d6	7.19	99	532711	120.02	ng	0.00
23) Nitrobenzene-d5	9.12	82	462495	105.38	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	374152	160.48	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1127673	104.92	ng	0.00
79) Terphenyl-d14	19.97	244	2098264	105.54	ng	0.00

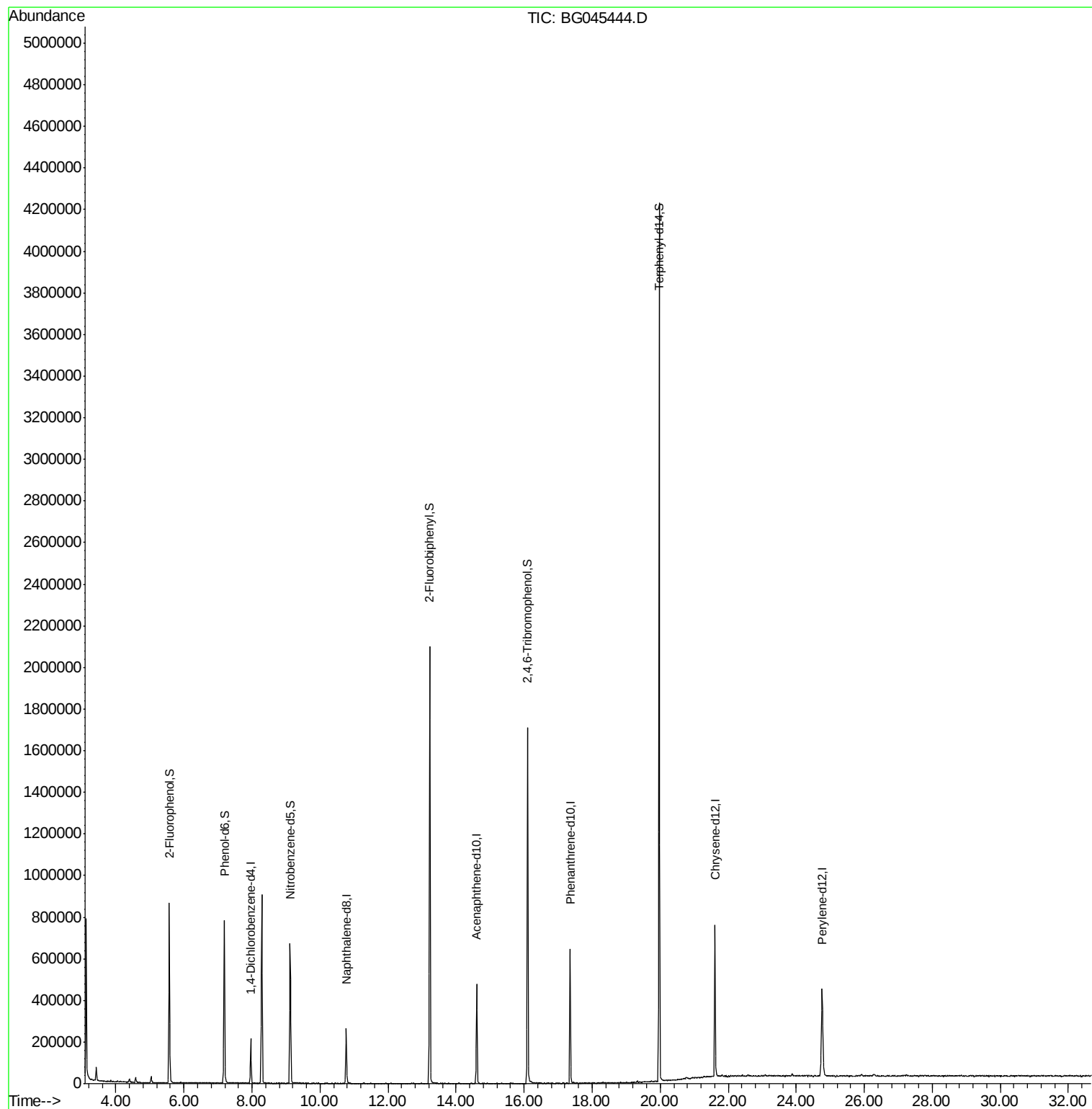
Target Compounds Qvalue

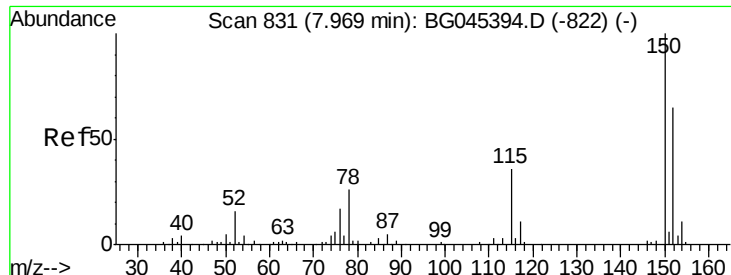
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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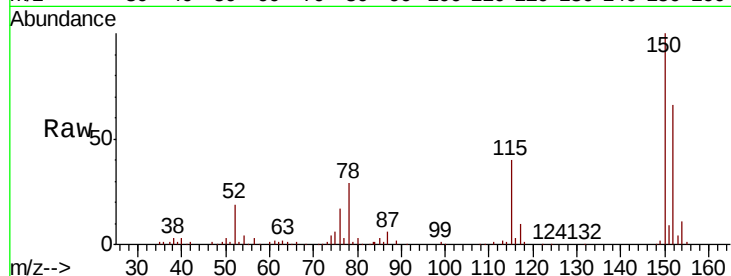


#1

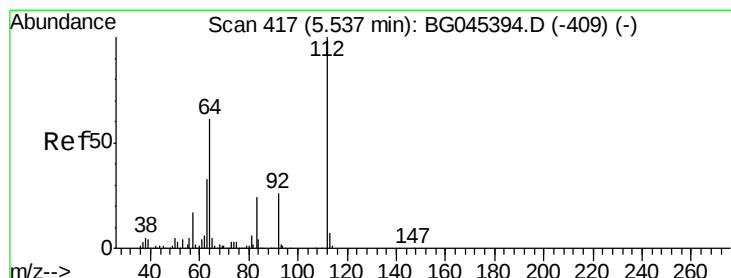
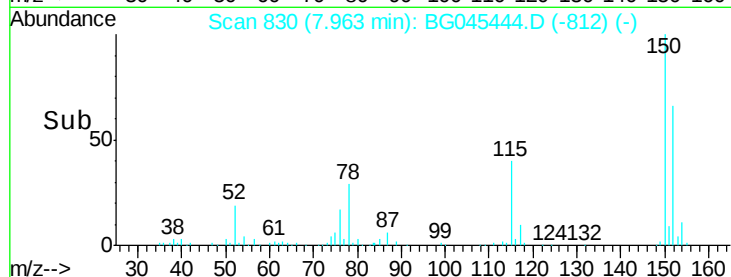
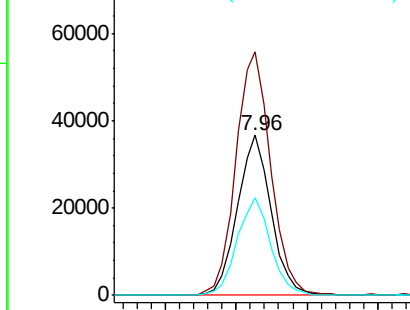
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045444.D
Acq: 21 May 2020 17:41

Instrument :
BNA_G
ClientSampleId :
TR-04-052020

Tot Ion:152 Resp: 60945
Ion Ratio Lower Upper
152 100
150 152.0 122.4 183.6
115 60.9 44.2 66.4



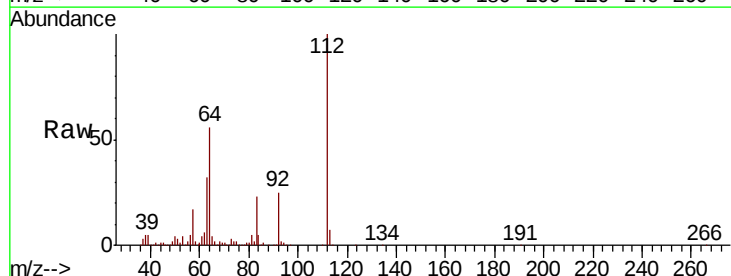
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



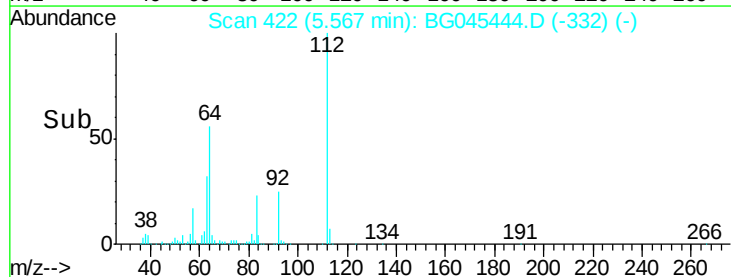
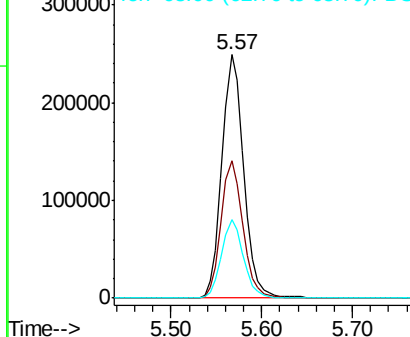
#5

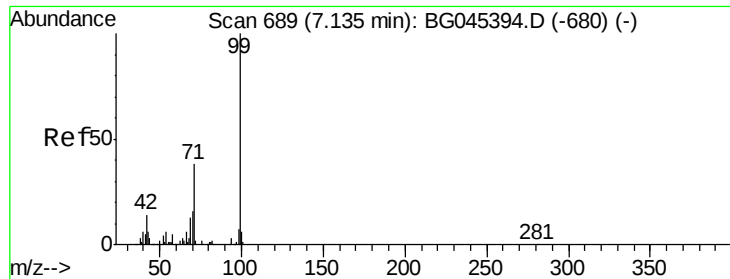
2-Fluorophenol
Concen: 133.383 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045444.D
Acq: 21 May 2020 17:41

Tgt Ion:112 Resp: 415956
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 32.0 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: 120.018 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

Instrument :

BNA_G

ClientSampleId :

TR-04-052020

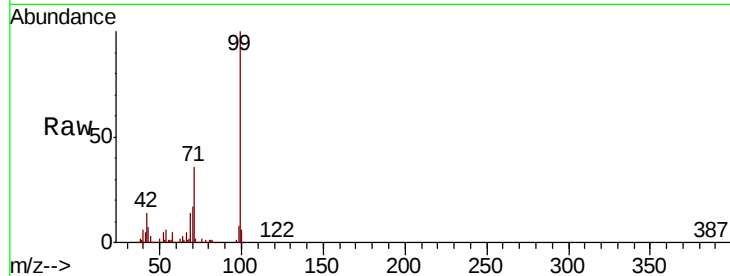
Tot Ion: 99 Resp: 532711

Ion Ratio Lower Upper

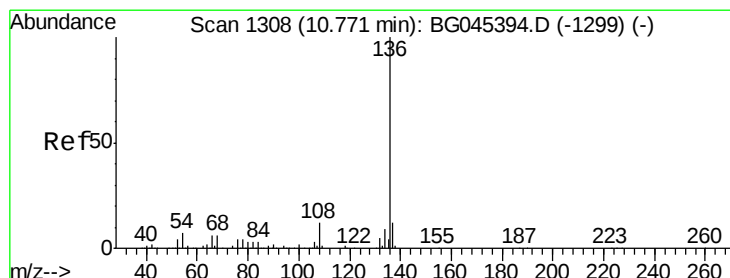
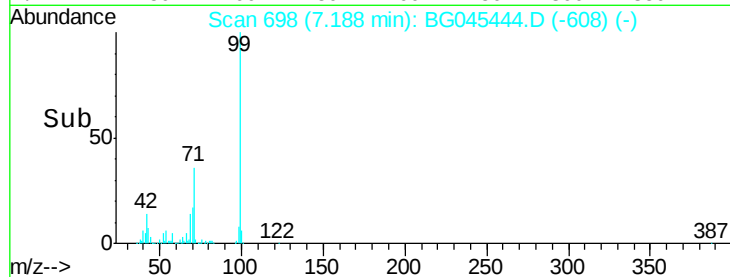
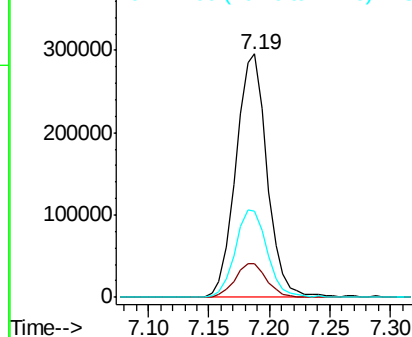
99 100

42 13.9 11.3 16.9

71 35.5 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: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

Tgt Ion: 136 Resp: 239339

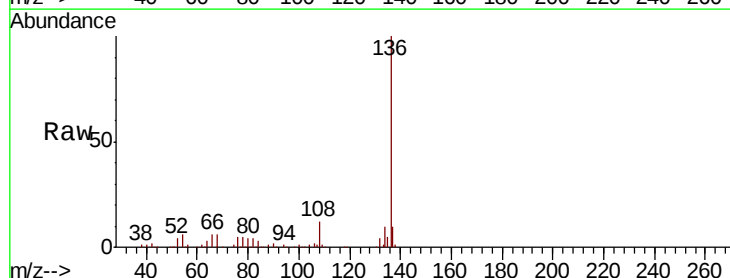
Ion Ratio Lower Upper

136 100

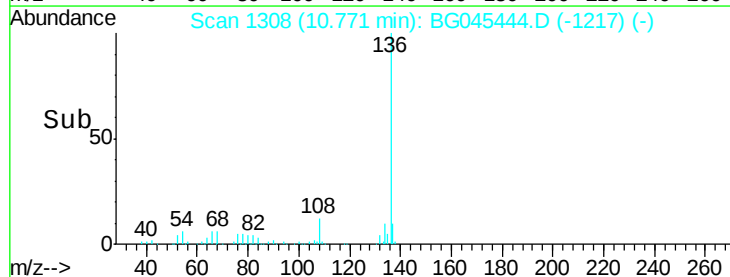
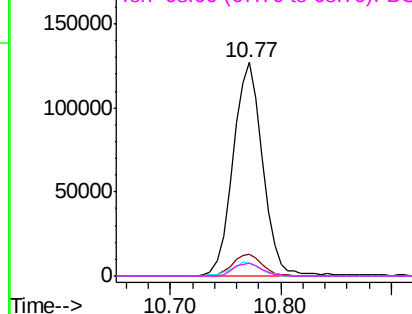
137 10.3 9.4 14.2

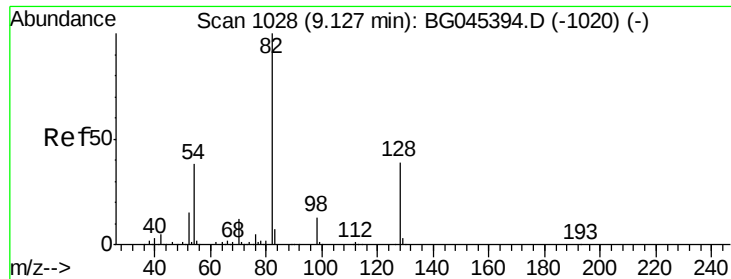
54 5.7 5.8 8.6#

68 6.1 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

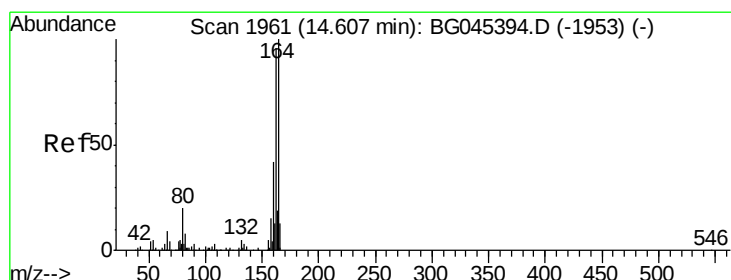
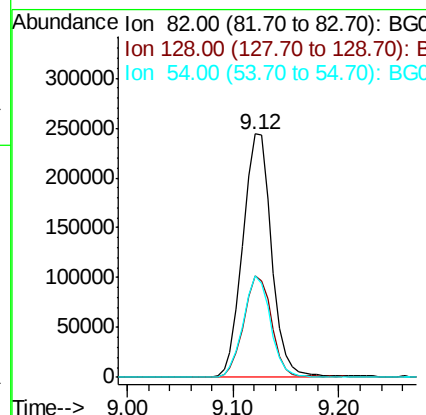
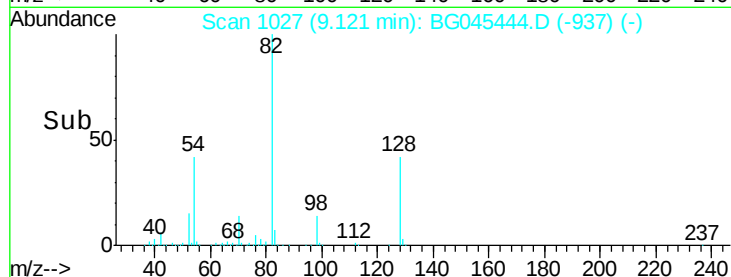
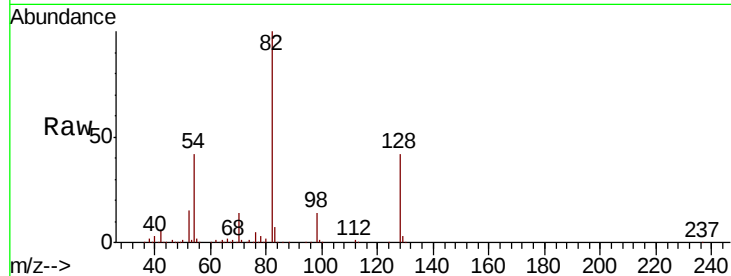




#23
Nitrobenzene-d5
Concen: 105.376 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045444.D
Acq: 21 May 2020 17:41

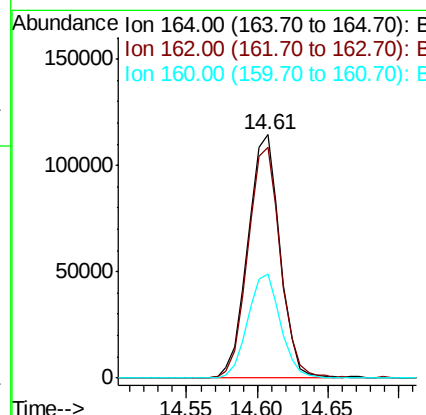
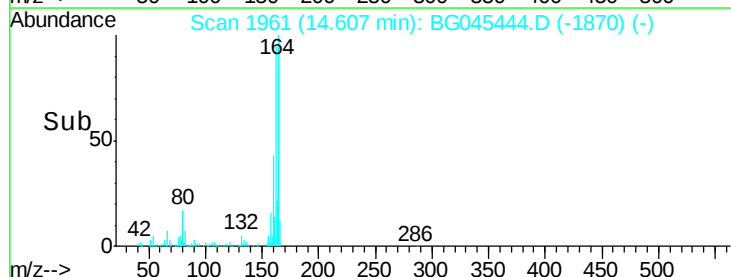
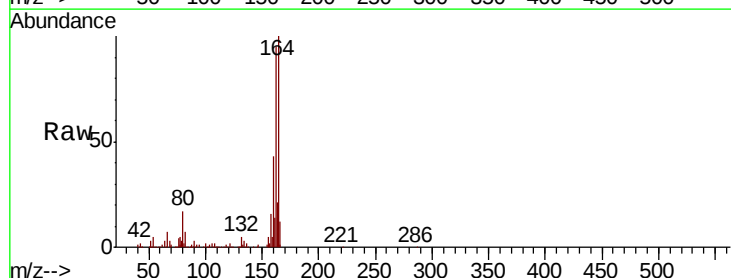
Instrument :
BNA_G
ClientSampleId :
TR-04-052020

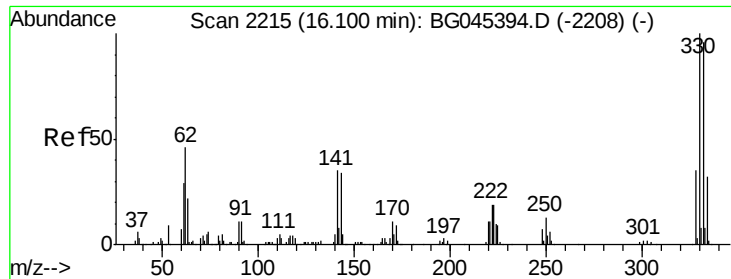
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.9	46.3
54	41.5	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045444.D
Acq: 21 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.9	115.3
160	42.8	33.8	50.8

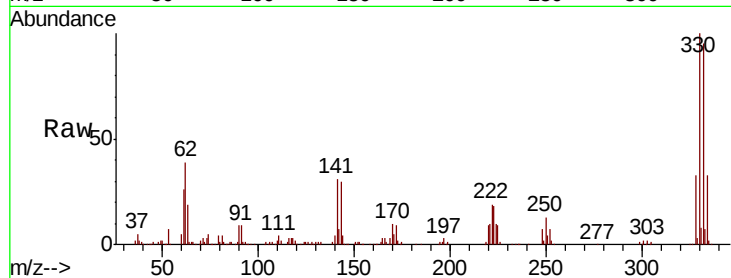




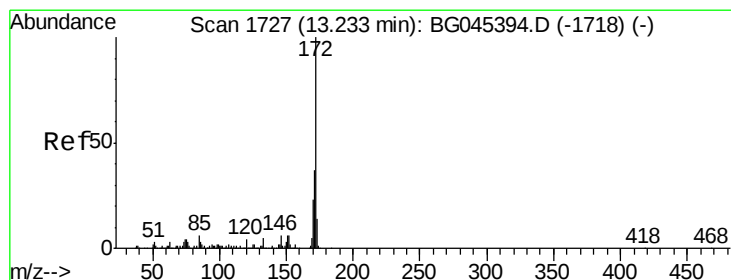
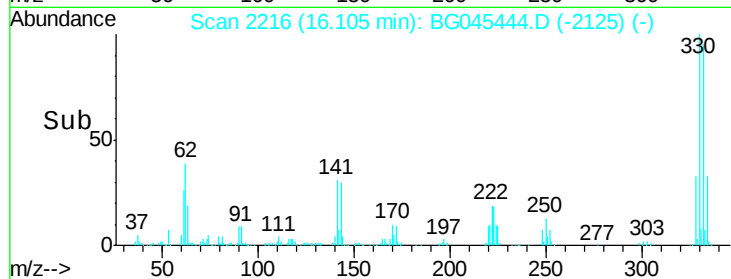
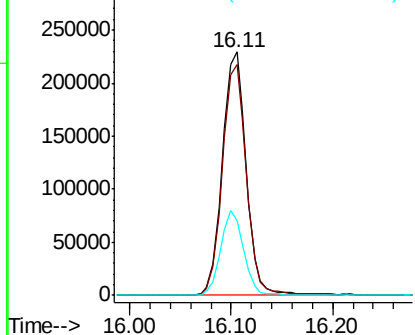
#42
 2,4,6-Tribromophenol
 Concen: 160.483 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG045444.D
 Acq: 21 May 2020 17:41

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020

Tot Ion:330 Resp: 374152
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.4
 141 33.6 28.2 42.4

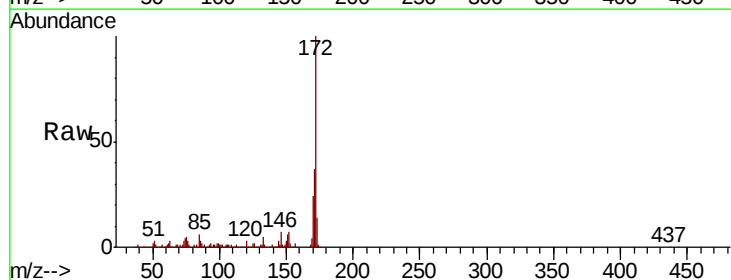


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

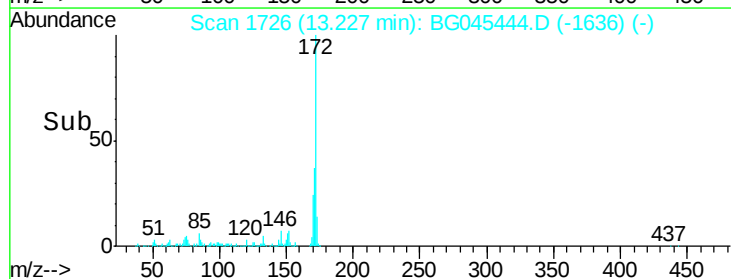
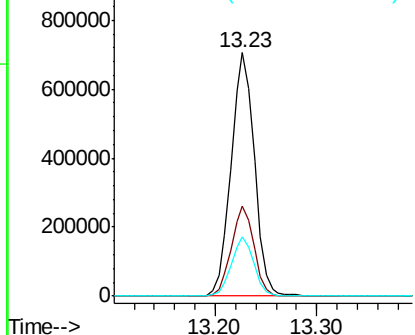


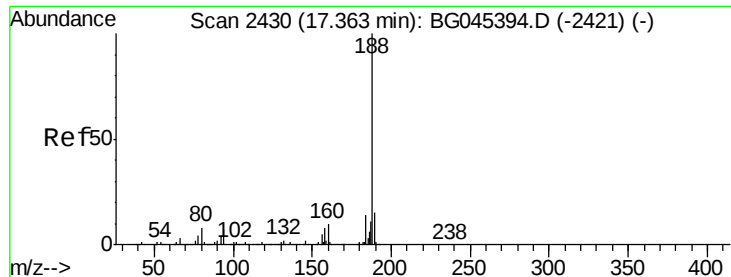
#45
 2-Fluorobiphenyl
 Concen: 104.924 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045444.D
 Acq: 21 May 2020 17:41

Tgt Ion:172 Resp: 1127673
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.5 44.3
 170 24.1 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

Instrument :

BNA_G

ClientSampleId :

TR-04-052020

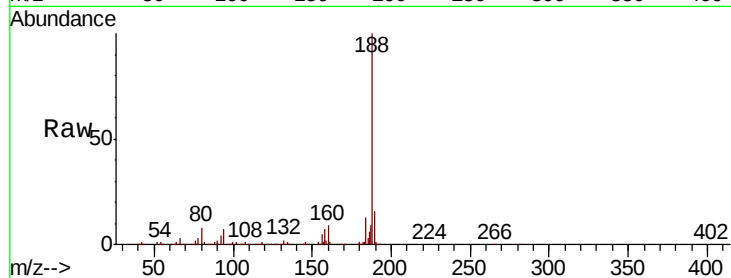
Tot Ion:188 Resp: 434689

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

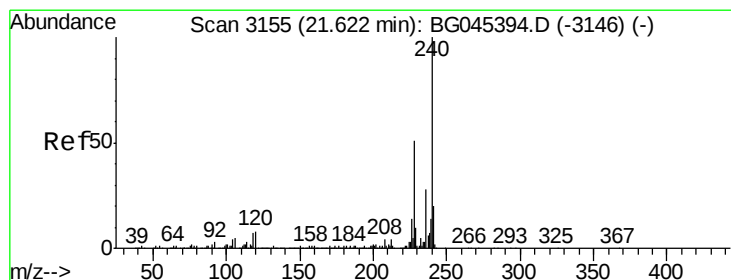
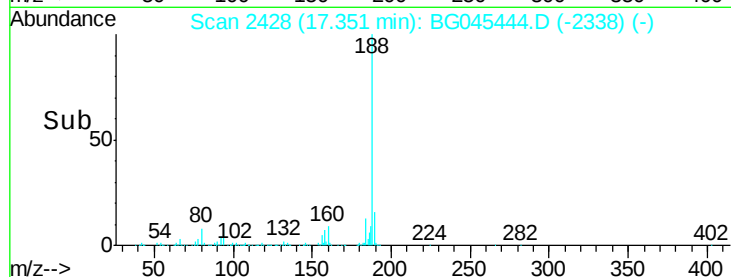
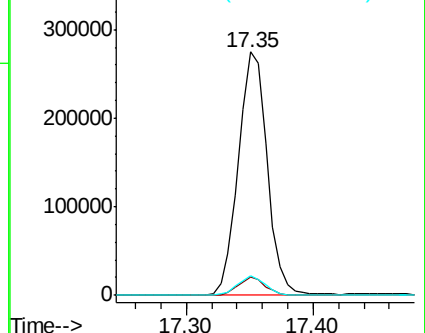
80 8.1 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

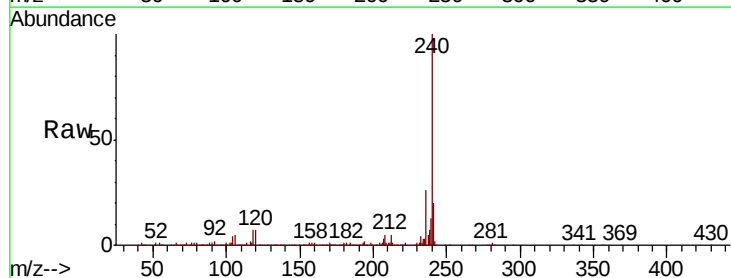
Tgt Ion:240 Resp: 463692

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

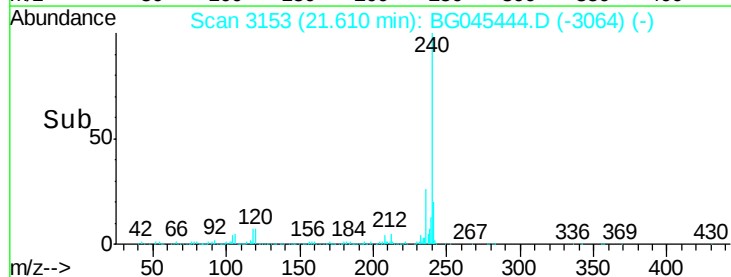
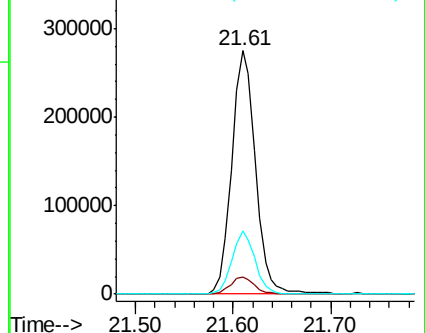
236 25.9 22.3 33.5

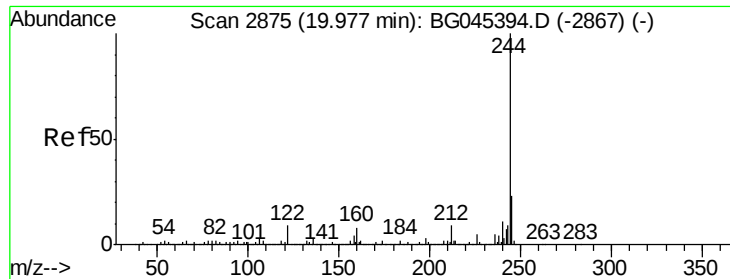


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.539 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

Instrument :

BNA_G

ClientSampleId :

TR-04-052020

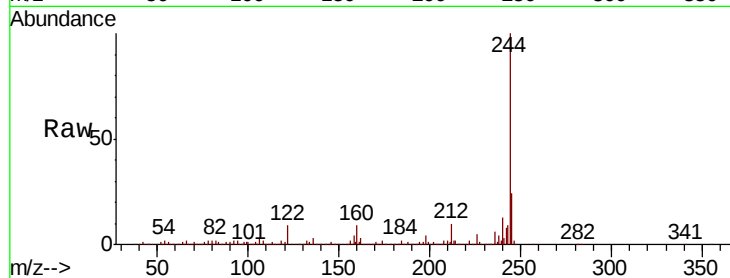
Tot Ion:244 Resp: 2098264

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

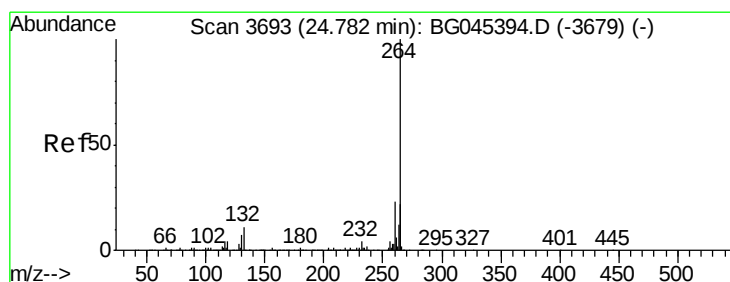
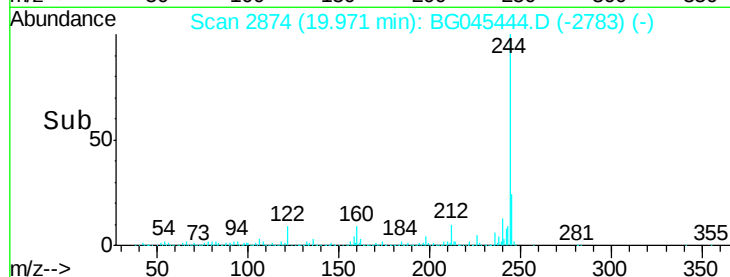
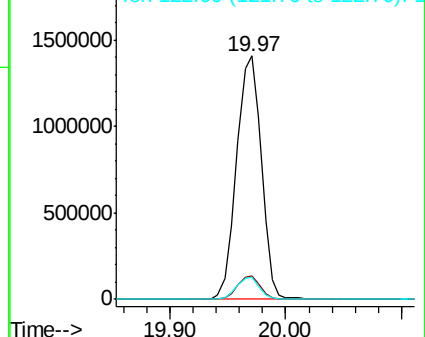
122 8.9 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BG045444.D

Acq: 21 May 2020 17:41

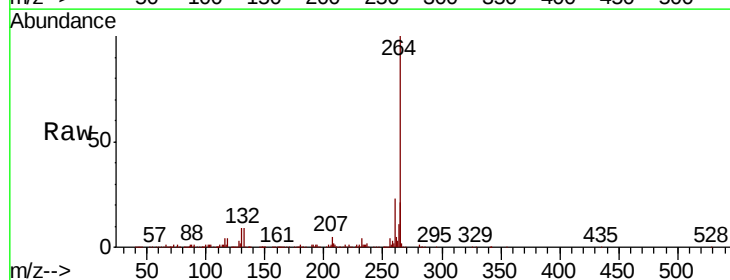
Tgt Ion:264 Resp: 489891

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.6 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

