

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045451.D
 Acq On : 21 May 2020 22:23
 Operator : CG/JU
 Sample : L2728-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 240000

Quant Time: May 22 01:11:18 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	60747	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	247637	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182768	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	447220	20.00	ng	0.00
76) Chrysene-d12	21.61	240	455249	20.00	ng	0.00
87) Perylene-d12	24.76	264	484424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	401074	129.03	ng	0.00
7) Phenol-d6	7.18	99	509273	115.11	ng	0.00
23) Nitrobenzene-d5	9.12	82	493039	108.57	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	439300	187.94	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1207382	112.05	ng	0.00
79) Terphenyl-d14	19.97	244	2391987	122.54	ng	0.00

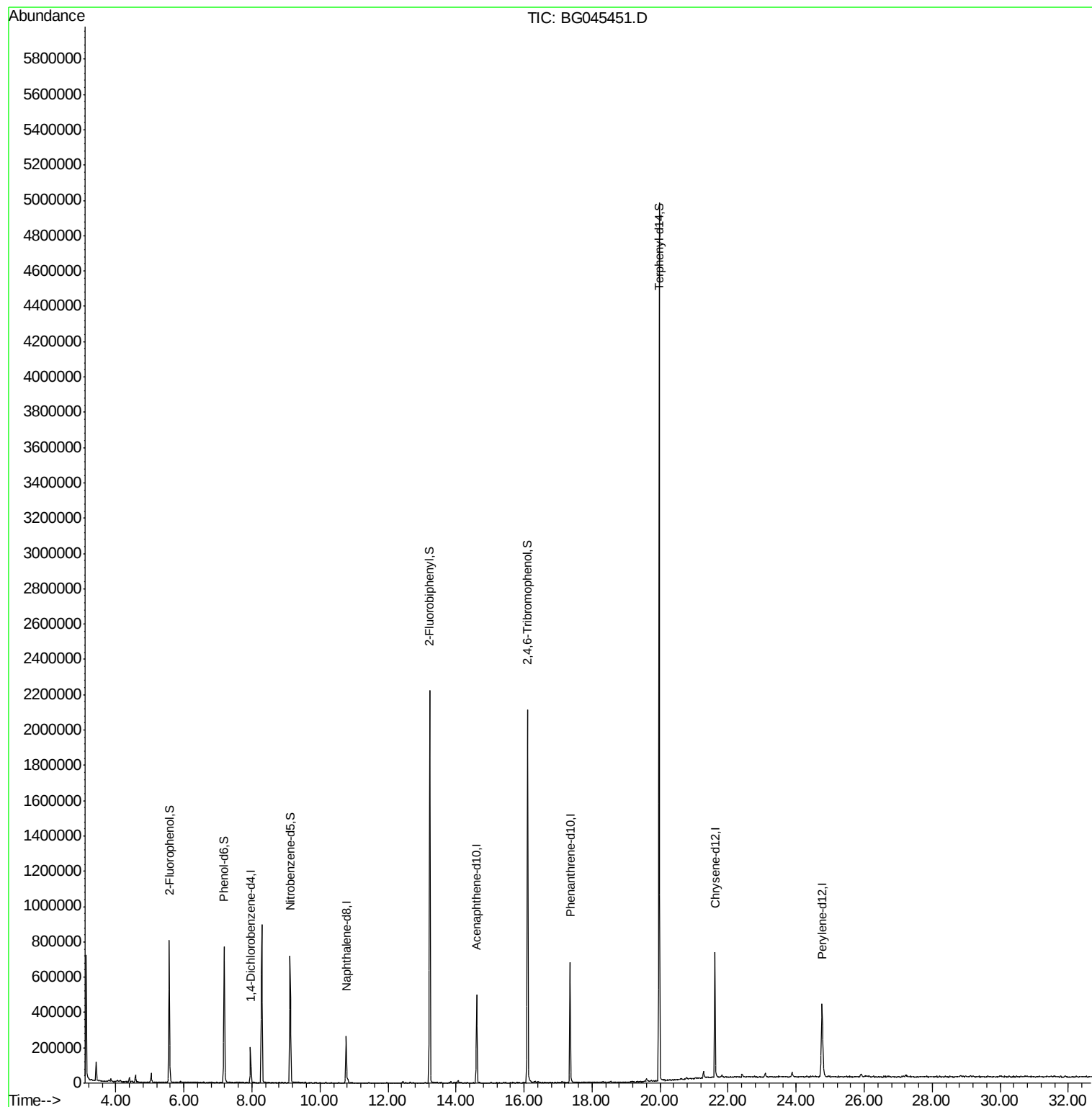
Target Compounds Qvalue

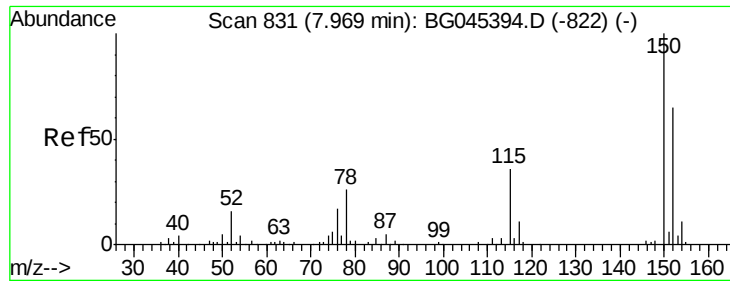
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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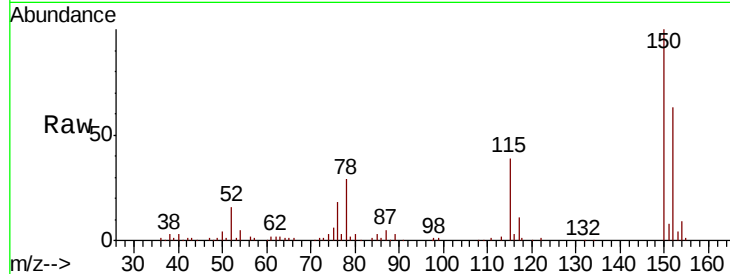


#1

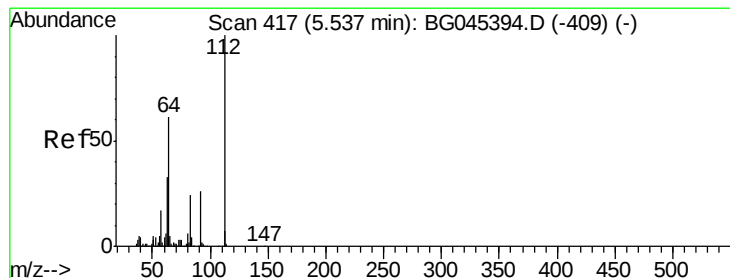
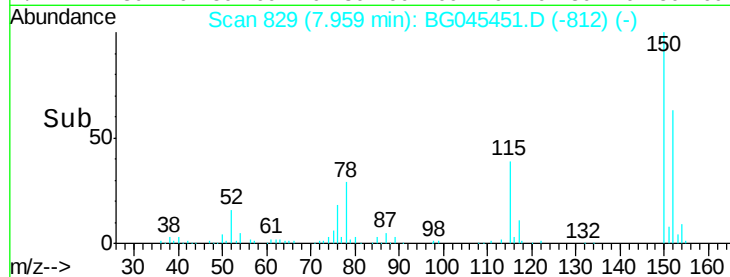
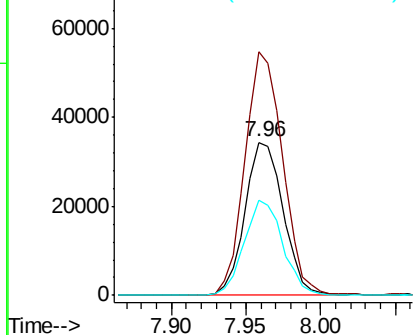
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Instrument :
BNA_G
ClientSampleId :
240000

Tot Ion:152 Resp: 60747
Ion Ratio Lower Upper
152 100
150 158.9 122.4 183.6
115 62.0 44.2 66.4



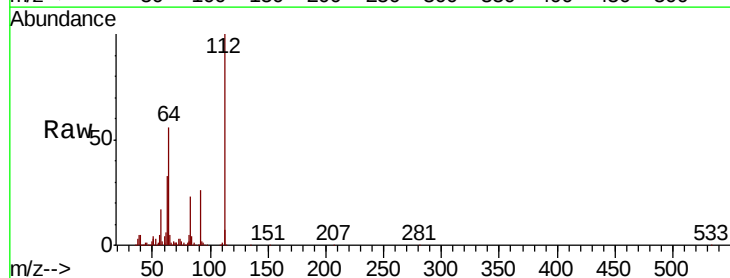
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



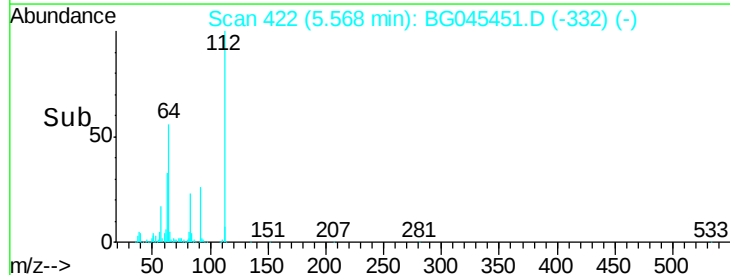
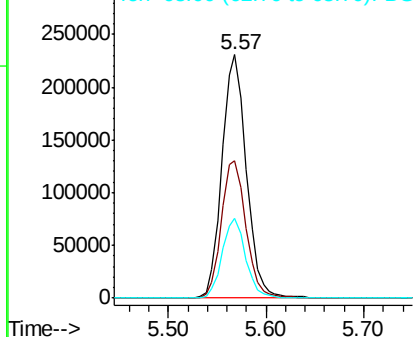
#5

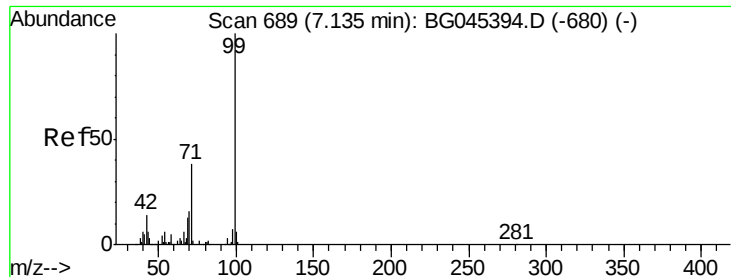
2-Fluorophenol
Concen: 129.030 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Tgt Ion:112 Resp: 401074
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 32.8 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: 115.112 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Instrument :

BNA_G

ClientSampleId :

240000

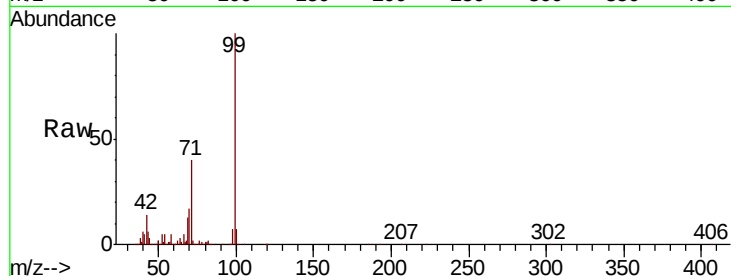
Tot Ion: 99 Resp: 509273

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

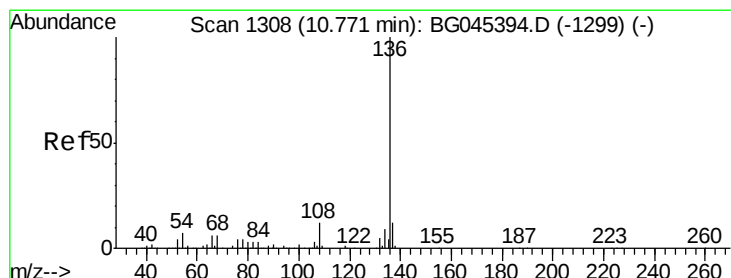
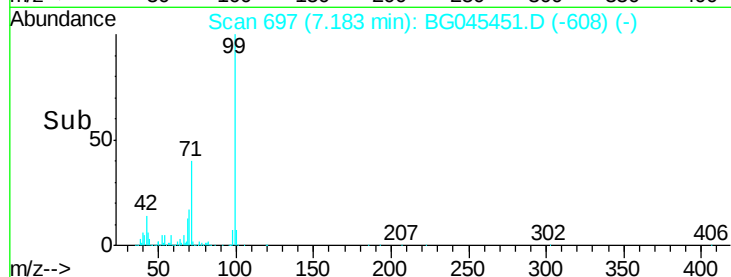
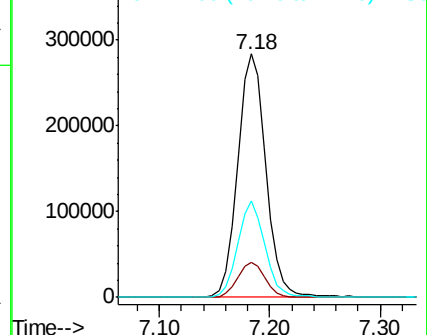
71 39.6 30.8 46.2



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# 1307

Delta R.T. -0.00 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Tgt Ion: 136 Resp: 247637

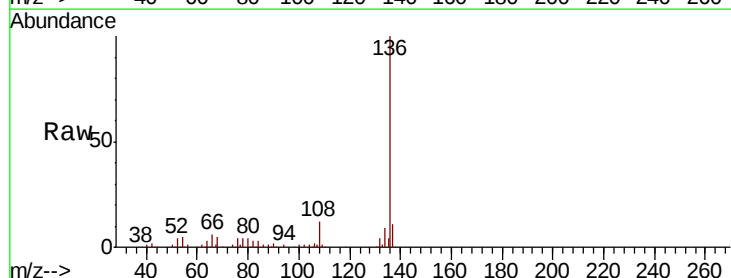
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 5.4 5.8 8.6#

68 5.1 4.5 6.7

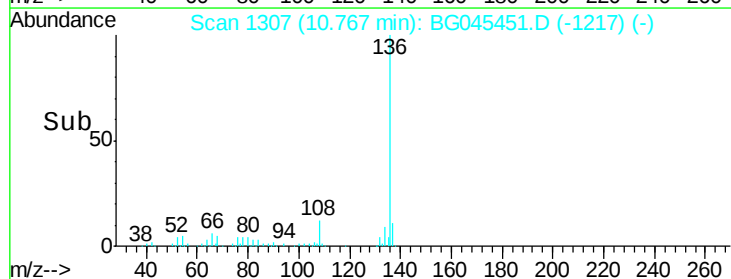
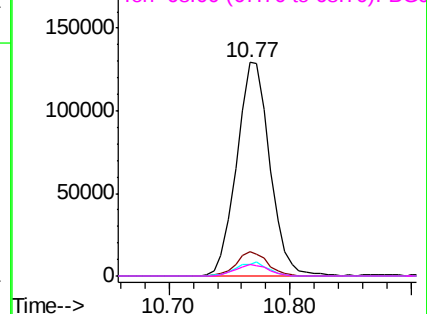


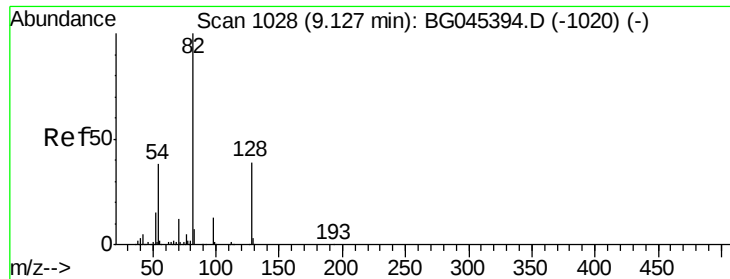
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

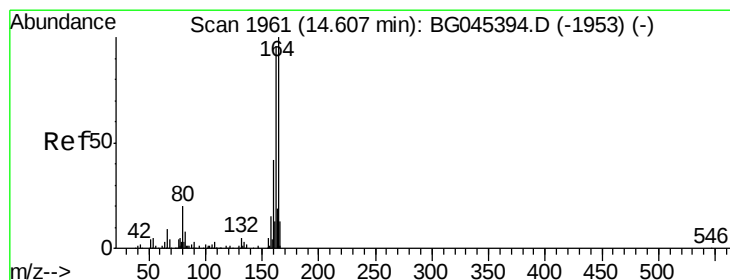
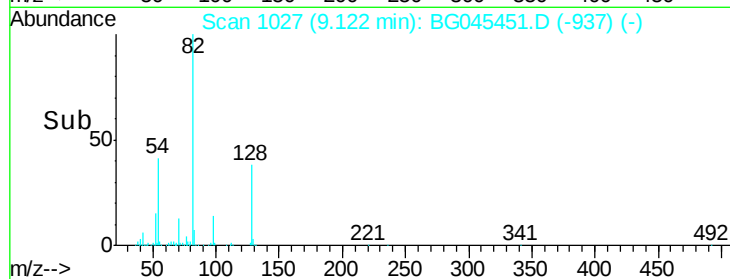
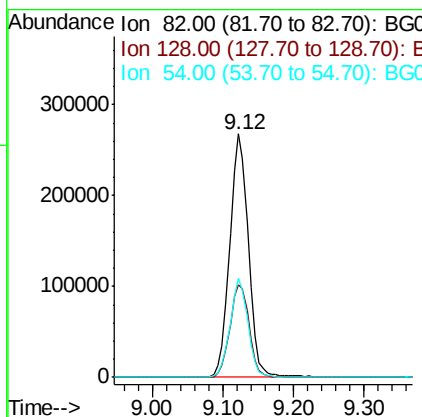
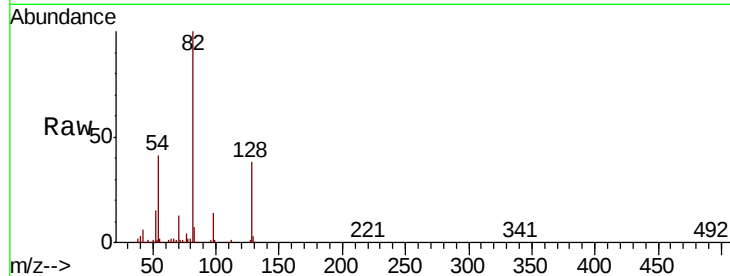




#23
 Nitrobenzene-d5
 Concen: 108.571 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

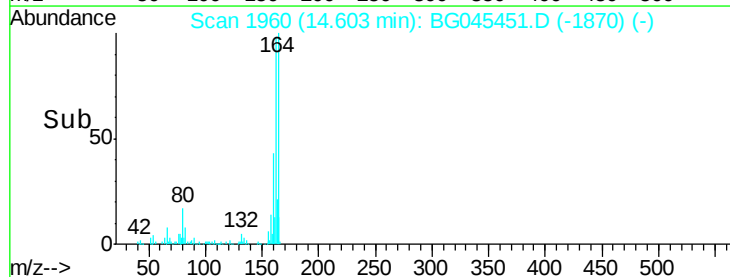
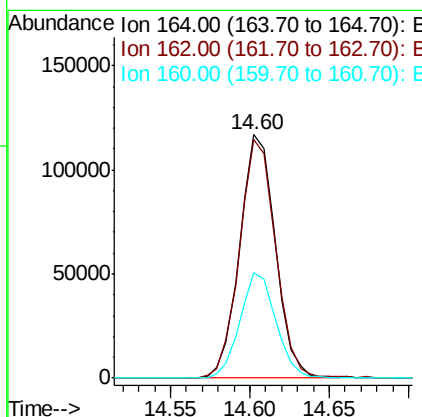
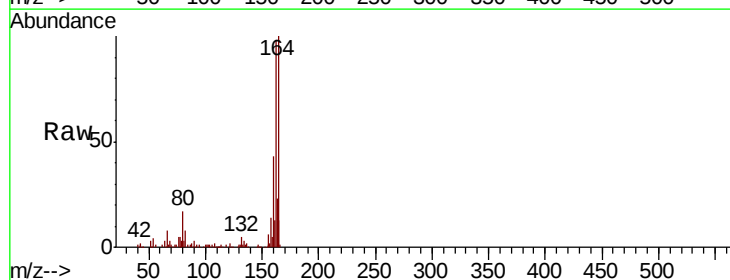
Instrument :
 BNA_G
 ClientSampleId :
 240000

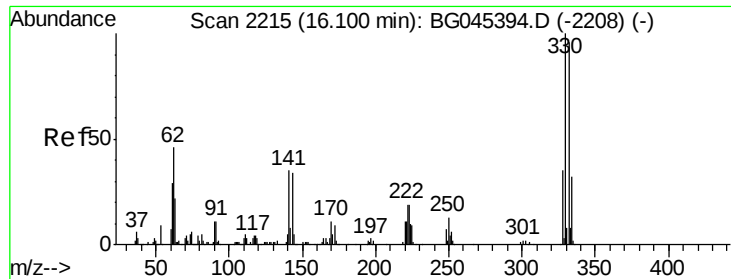
Tot Ion	82	Resp	493039
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	40.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Tgt Ion	164	Resp	182768
Ion Ratio	Lower	Upper	
164	100		
162	98.0	76.9	115.3
160	43.1	33.8	50.8

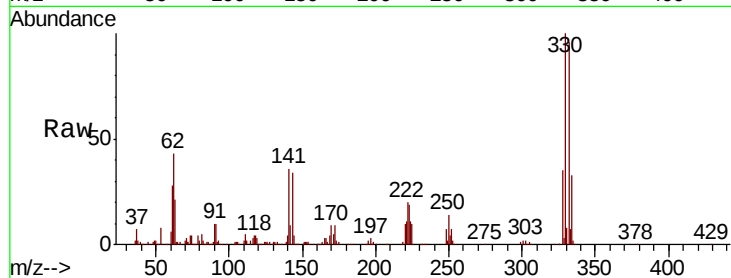




#42
 2,4,6-Tribromophenol
 Concen: 187.944 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 240000

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.1	28.2	42.4

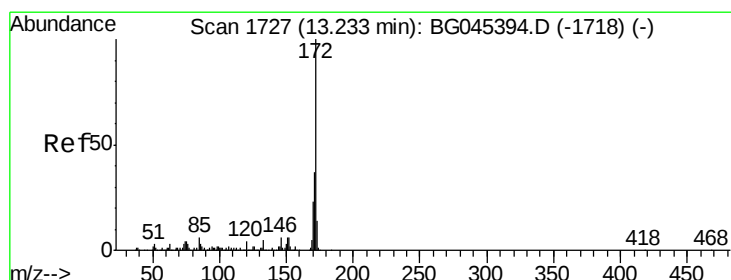
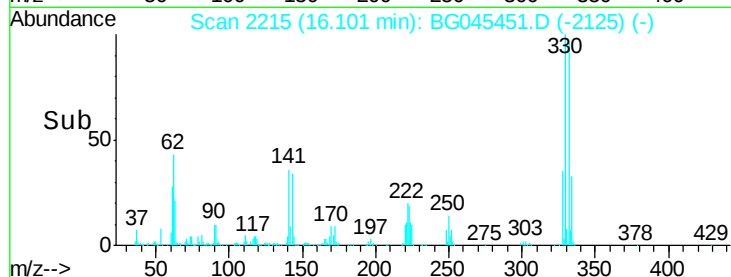
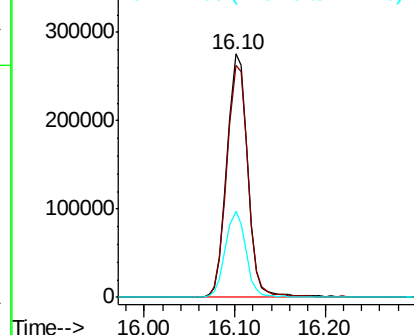


Abundance

Ion 329.80 (329.50 to 330.50): E

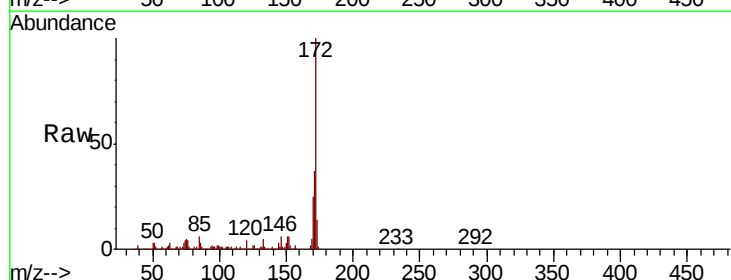
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.053 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045451.D
 Acq: 21 May 2020 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.9	18.5	27.7

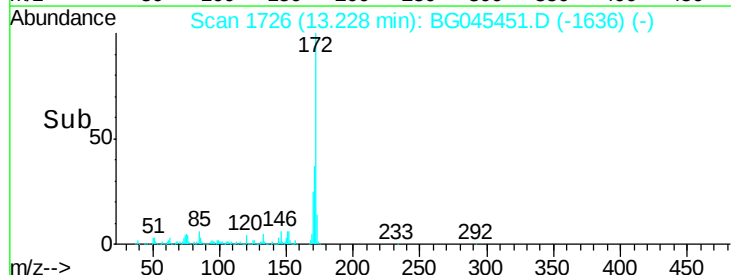
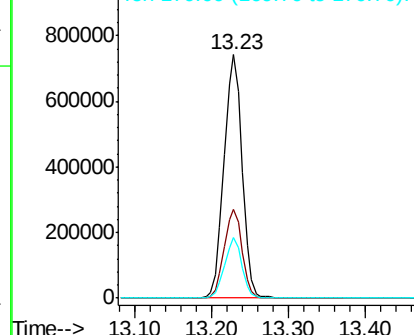


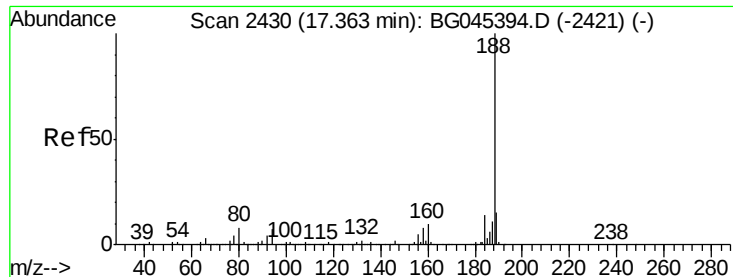
Abundance

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

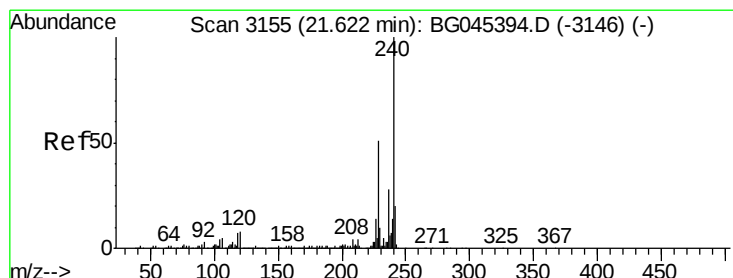
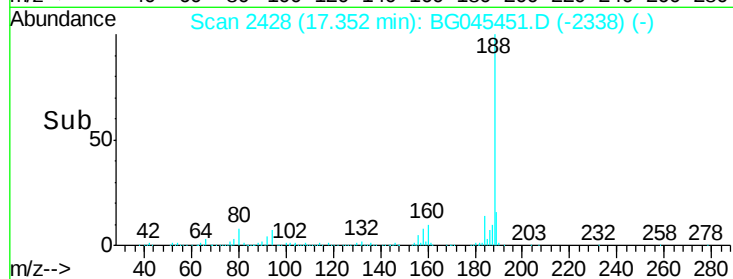
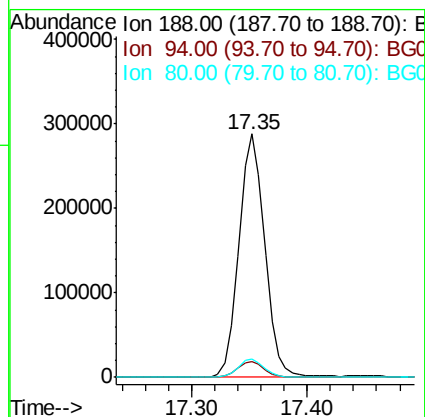
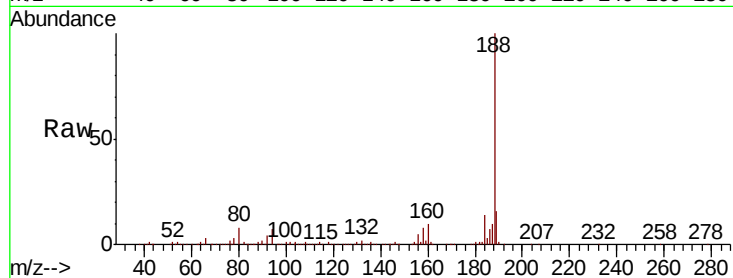




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

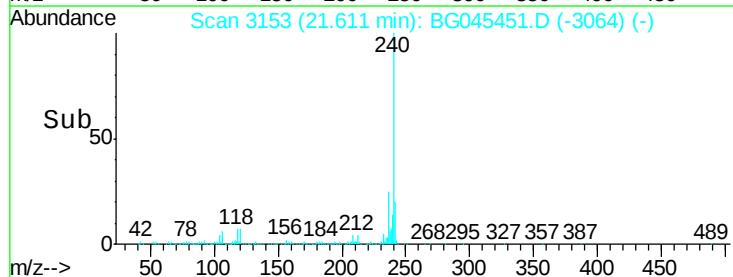
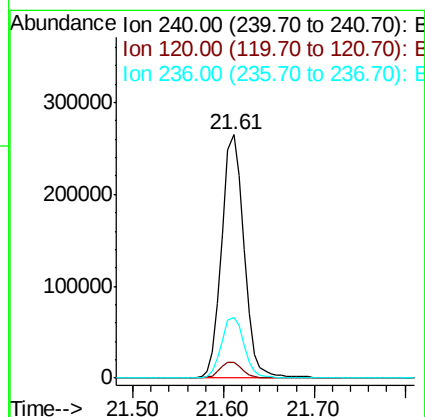
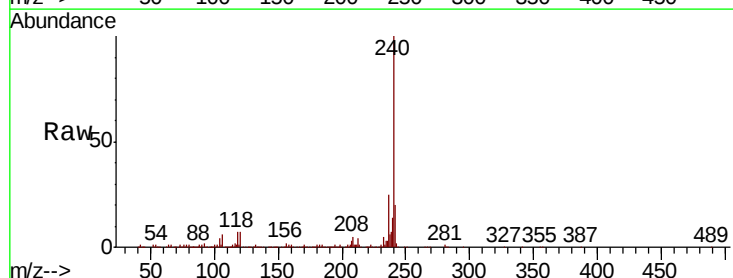
Instrument :
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ClientSampleId :
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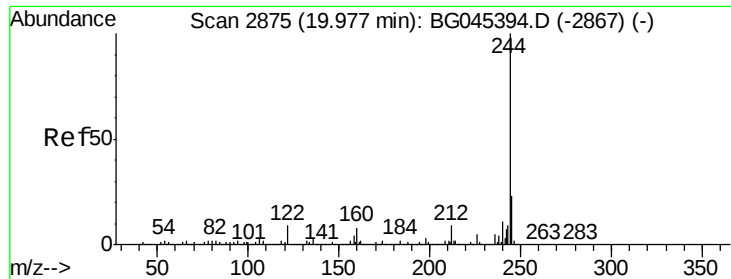
Tot Ion:188 Resp: 447220
Ion Ratio Lower Upper
188 100
94 6.6 5.5 8.3
80 7.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045451.D
Acq: 21 May 2020 22:23

Tgt Ion:240 Resp: 455249
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 25.1 22.3 33.5





#79

Terphenyl-d14

Concen: 122.545 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045451.D

Acq: 21 May 2020 22:23

Instrument :

BNA_G

ClientSampleId :

240000

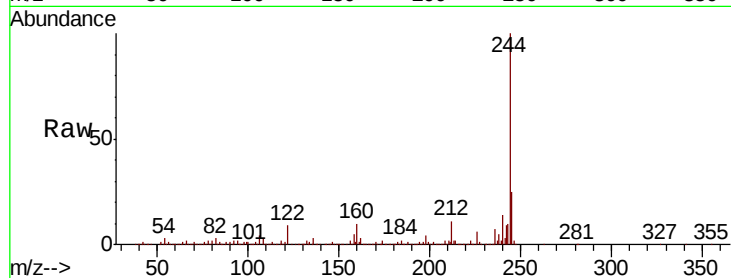
Tot Ion:244 Resp: 2391987

Ion Ratio Lower Upper

244 100

212 10.8 7.4 11.0

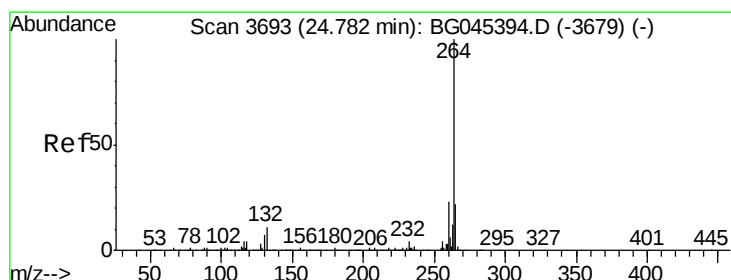
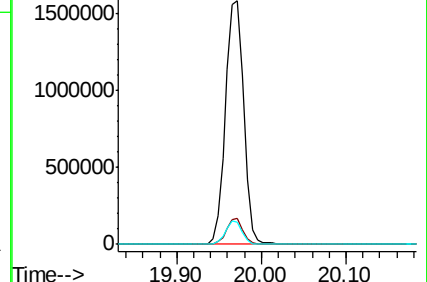
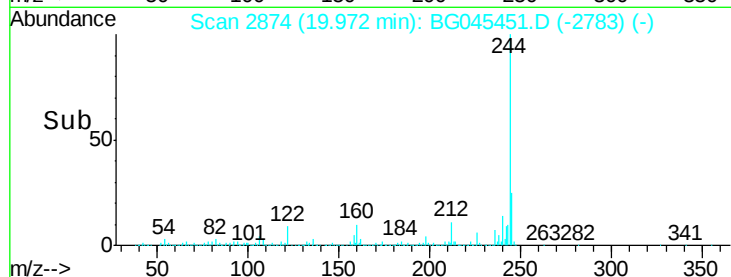
122 9.2 6.8 10.2



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: BG045451.D

Acq: 21 May 2020 22:23

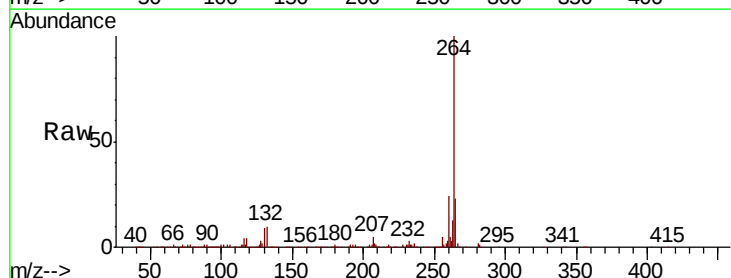
Tgt Ion:264 Resp: 484424

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 23.2 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

