

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045457.D
 Acq On : 26 May 2020 14:54
 Operator : CG/JU
 Sample : PB129080BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BL

Quant Time: May 26 16:01:45 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	66132	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	287087	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	207650	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	503253	20.00	ng	0.00
76) Chrysene-d12	21.61	240	495482	20.00	ng	0.00
87) Perylene-d12	24.76	264	517860	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	486246	143.69	ng	0.00
7) Phenol-d6	7.18	99	694867	144.27	ng	0.00
23) Nitrobenzene-d5	9.12	82	501338	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	386776	145.64	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1206323	98.54	ng	0.00
79) Terphenyl-d14	19.97	244	2097829	98.75	ng	0.00

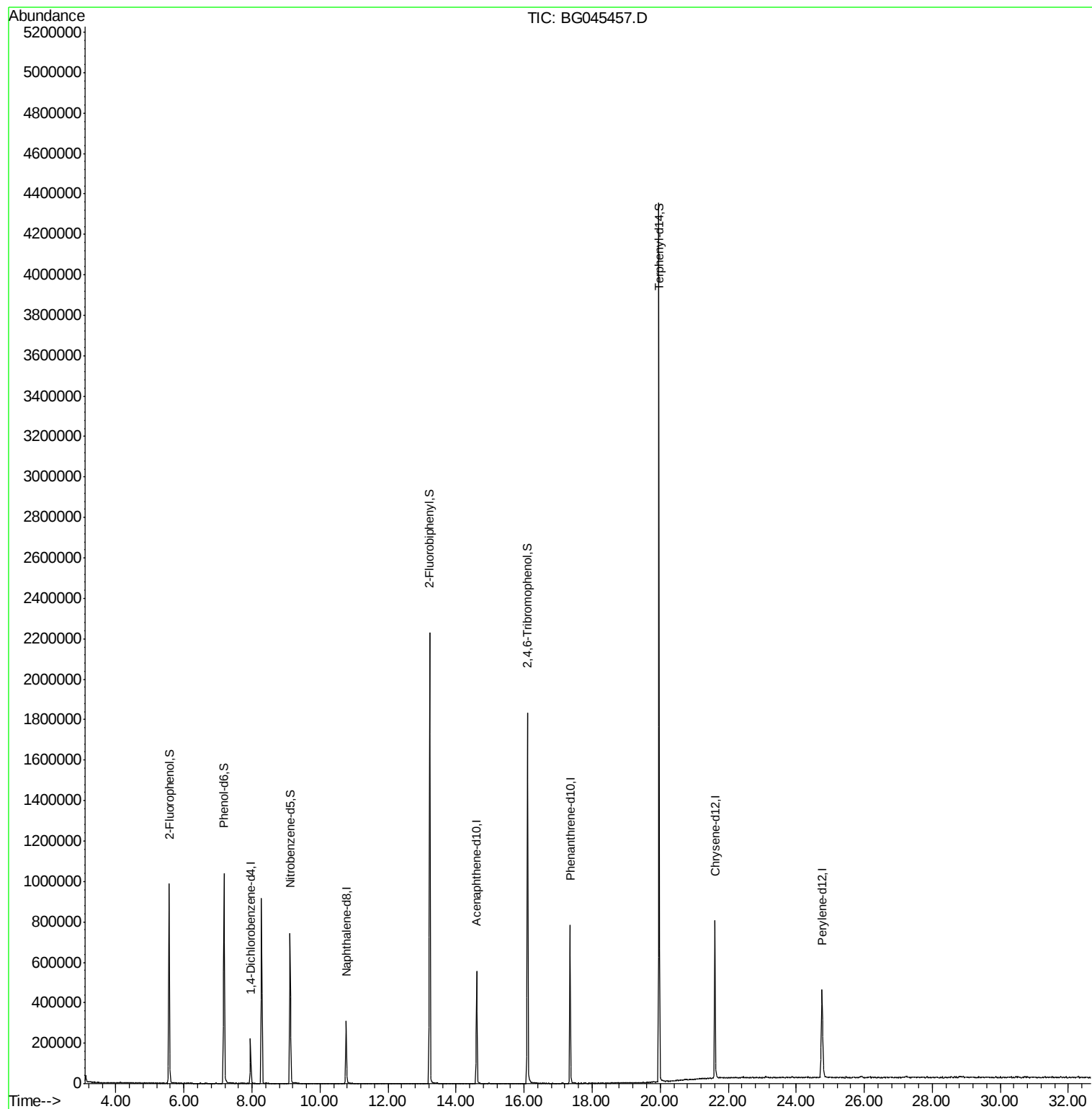
Target Compounds	Qvalue
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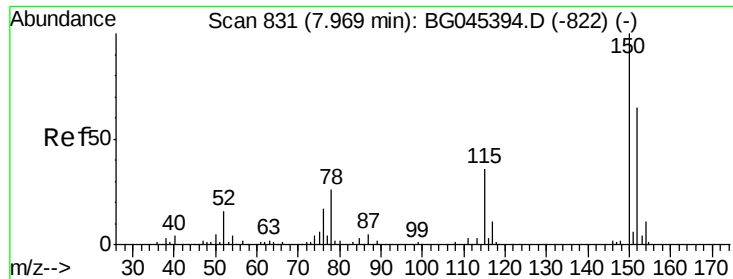
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045457.D

Acq: 26 May 2020 14:54

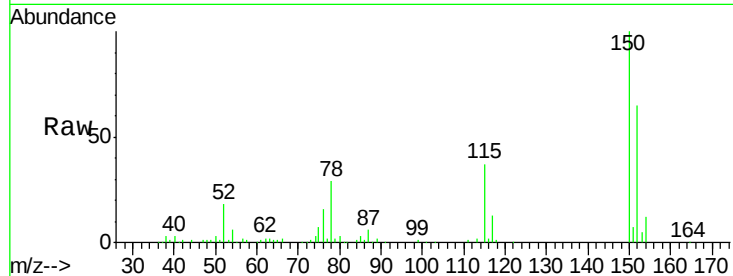
Instrument :

BNA_G

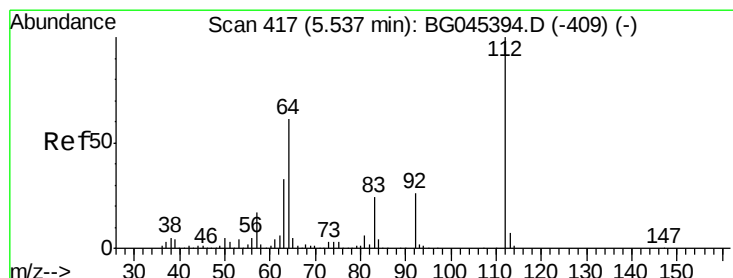
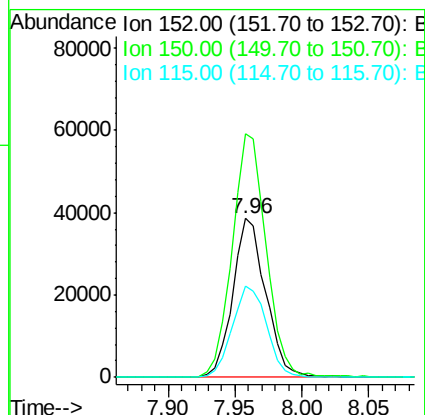
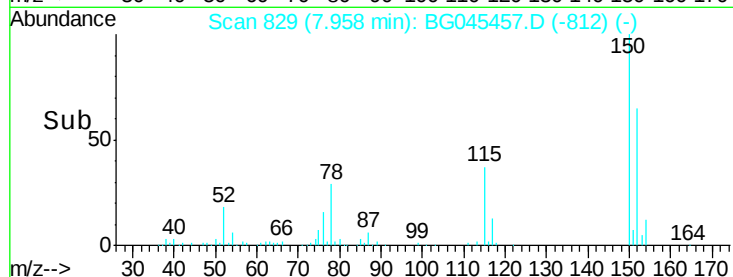
ClientSampleId :

PB129080BL

Tgt Ion:	152	Resp:	66132
Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	57.4	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: 143.69 ng

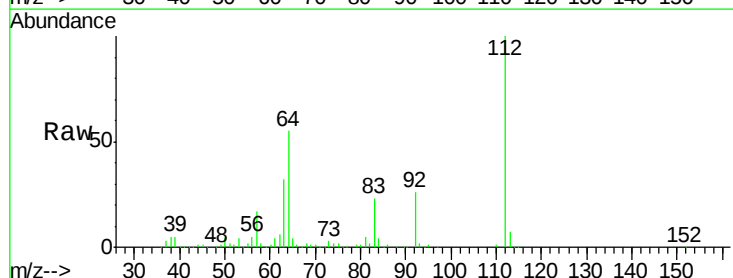
RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

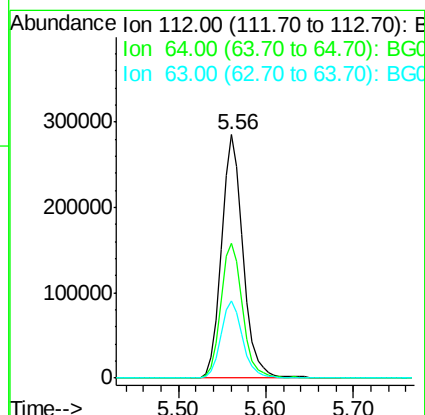
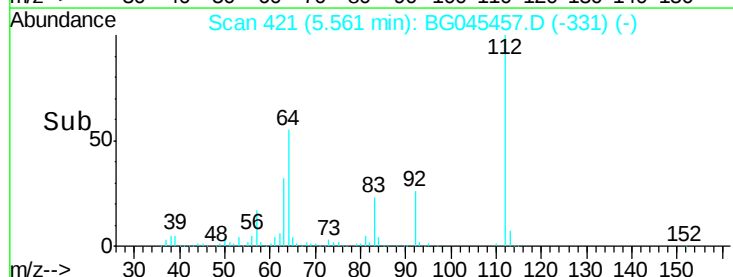
Lab File: BG045457.D

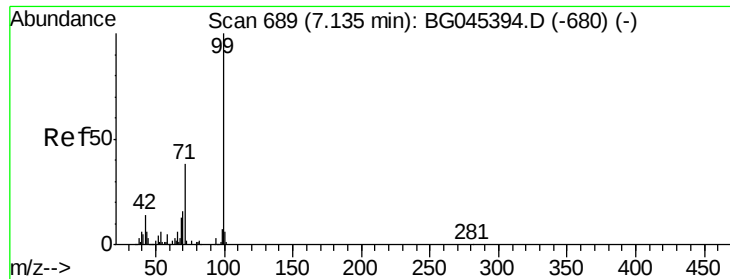
Acq: 26 May 2020 14:54

Tgt Ion:	112	Resp:	486246
Ion	Ratio	Lower	Upper
112	100		
64	55.2	48.6	72.8
63	31.9	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG045457.D (-331) (-)
Ion 63.00 (62.70 to 63.70): BG045457.D (-331) (-)





#7

Phenol-d6

Concen: 144.27 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045457.D

Acq: 26 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129080BL

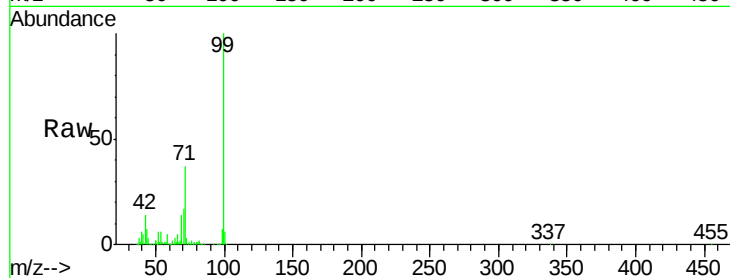
Tgt Ion: 99 Resp: 694867

Ion Ratio Lower Upper

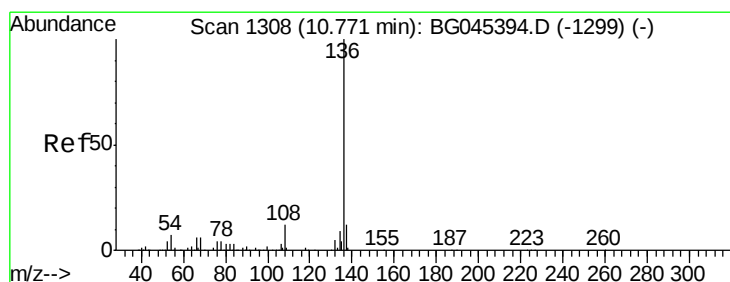
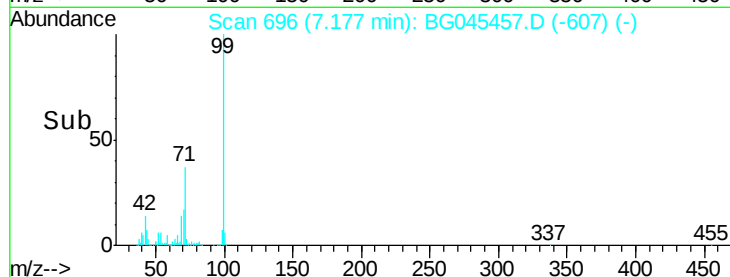
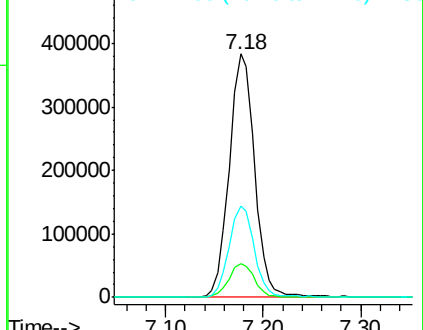
99 100

42 13.7 11.3 16.9

71 37.2 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: BG045457.D

Acq: 26 May 2020 14:54

Tgt Ion: 136 Resp: 287087

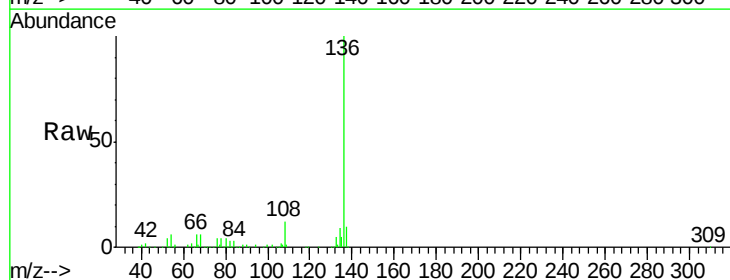
Ion Ratio Lower Upper

136 100

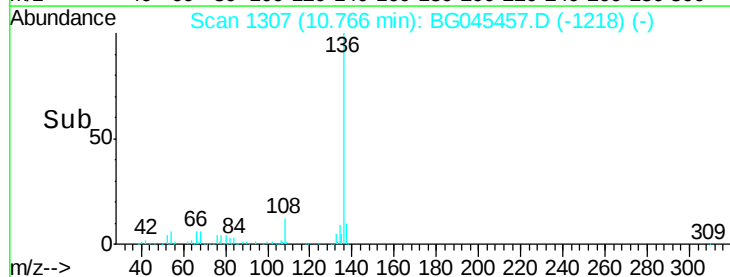
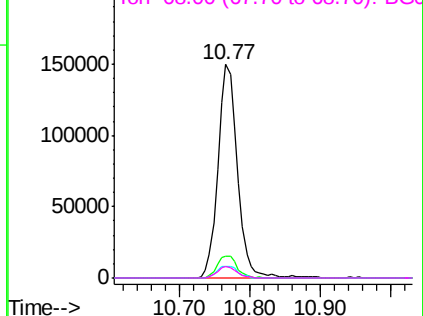
137 10.3 9.4 14.2

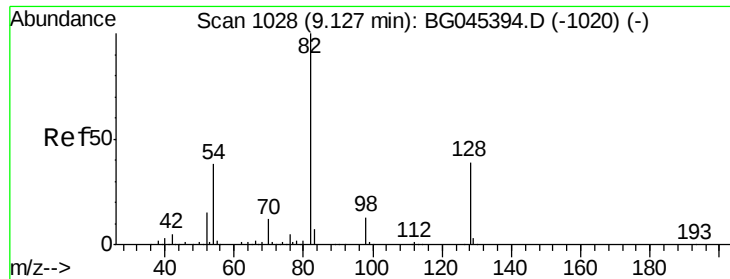
54 5.5 5.8 8.6#

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

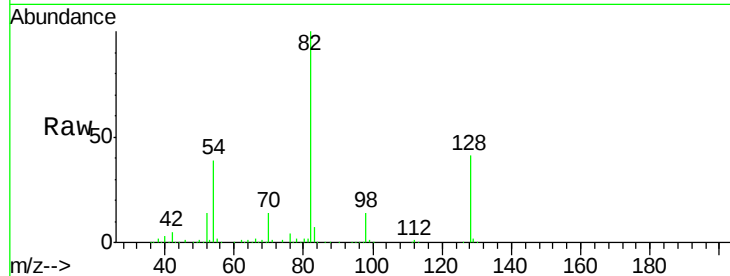




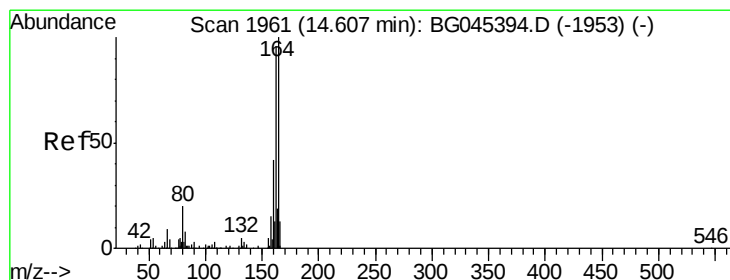
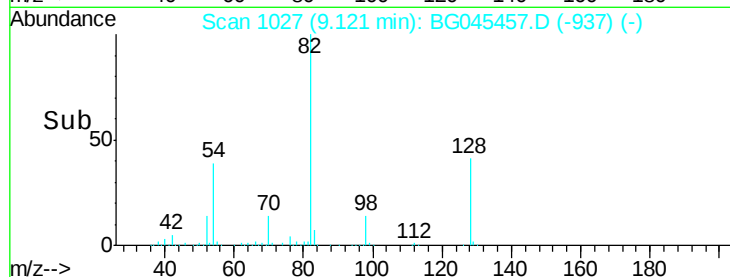
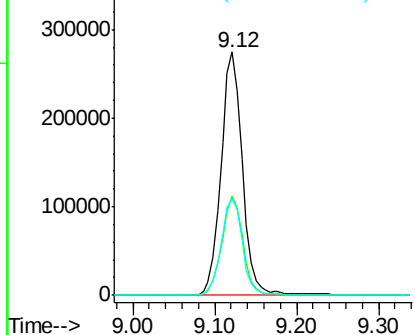
#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045457.D
 Acq: 26 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.9	46.3
54	39.5	30.3	45.5

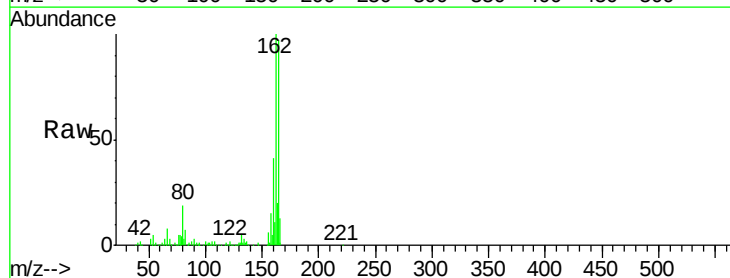


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

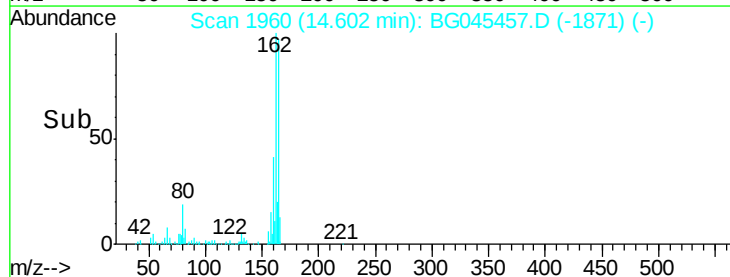
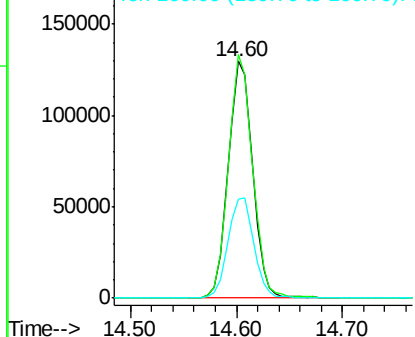


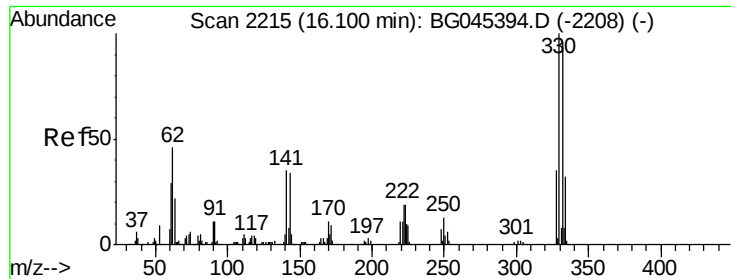
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG045457.D
 Acq: 26 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	76.9	115.3
160	41.9	33.8	50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

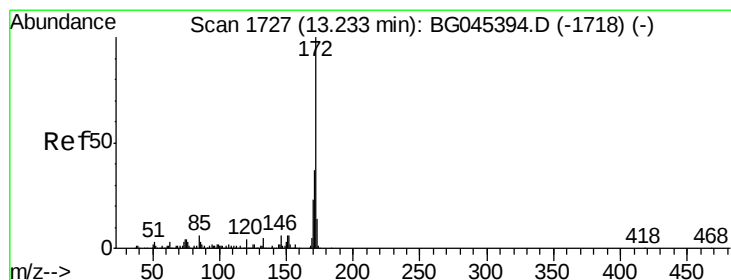
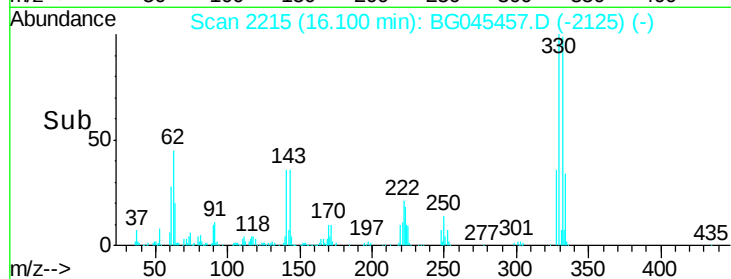
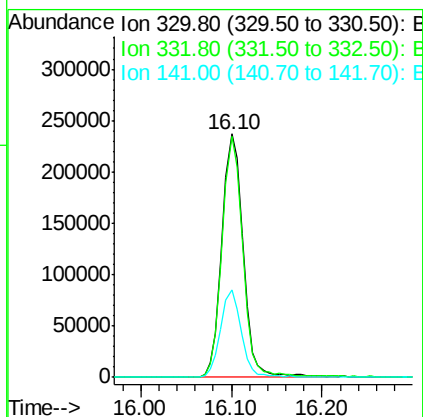
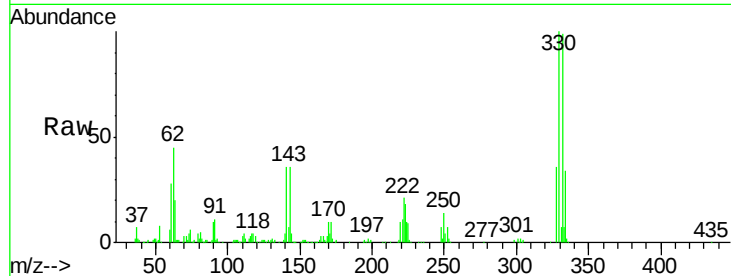




#42
 2,4,6-Tribromophenol
 Concen: 145.64 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045457.D
 Acq: 26 May 2020 14:54

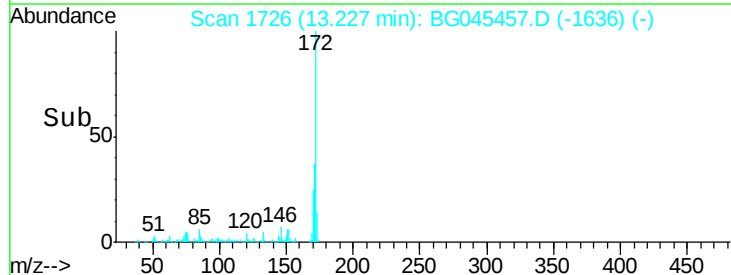
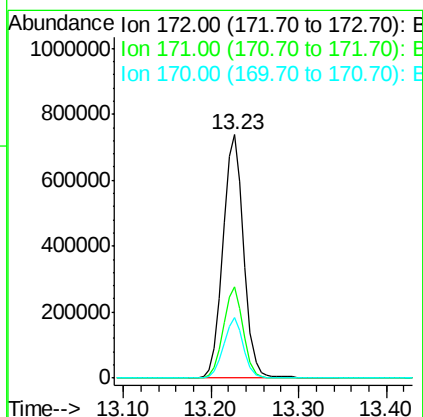
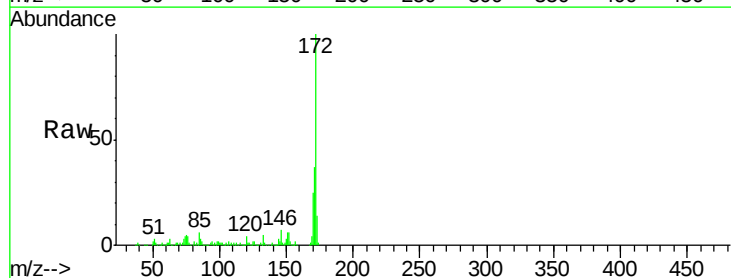
Instrument :
 BNA_G
 ClientSampleId :
 PB129080BL

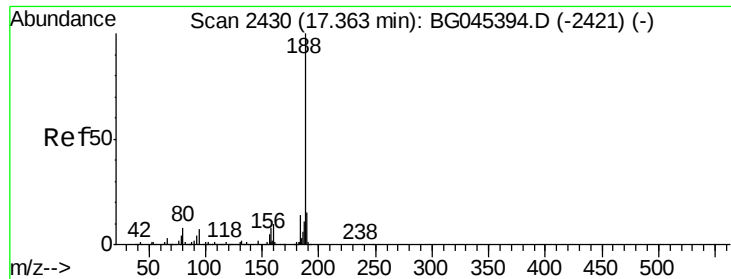
Tgt Ion:330 Resp: 386776
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.4
 141 34.9 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 98.54 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045457.D
 Acq: 26 May 2020 14:54

Tgt Ion:172 Resp: 1206323
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045457.D

Acq: 26 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129080BL

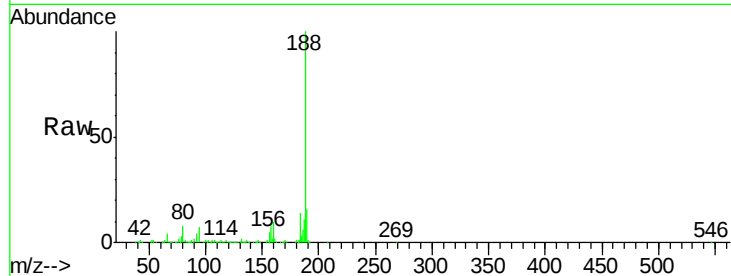
Tgt Ion:188 Resp: 503253

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

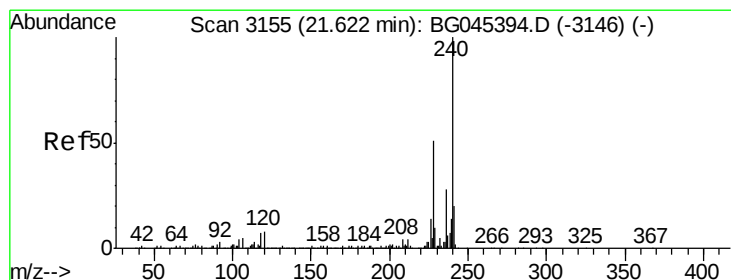
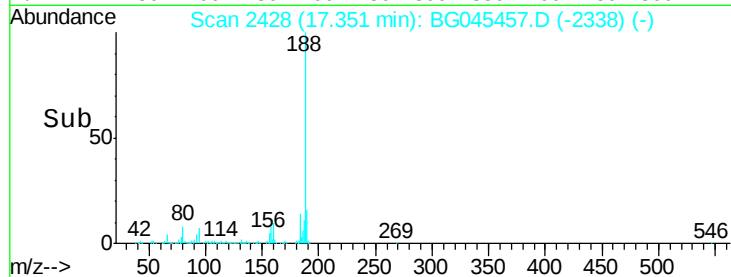
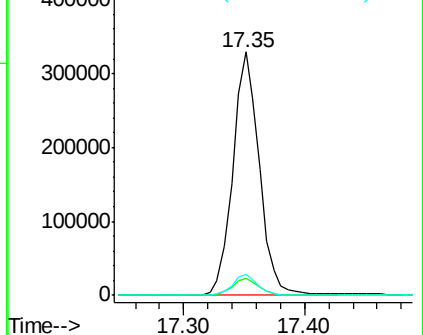
80 8.4 6.6 10.0



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: BG045457.D

Acq: 26 May 2020 14:54

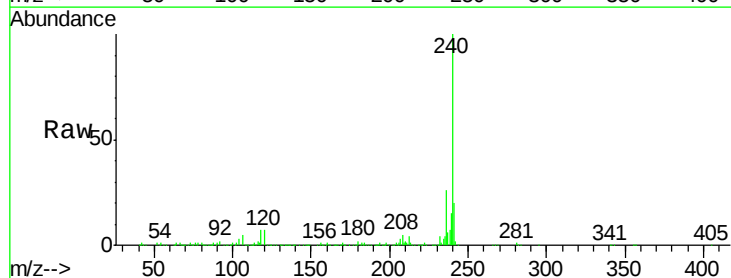
Tgt Ion:240 Resp: 495482

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.8 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

