

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045267.D
 Acq On : 7 May 2020 13:23
 Operator : CG/JU
 Sample : PB128702BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

Quant Time: May 07 14:00:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59161	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	233788	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178774	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	421571	20.00	ng	0.00
76) Chrysene-d12	21.63	240	409468	20.00	ng	0.00
87) Perylene-d12	24.81	264	424510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	475162	132.60	ng	0.00
7) Phenol-d6	7.15	99	679312	127.59	ng	0.00
23) Nitrobenzene-d5	9.14	82	477378	93.17	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	363366	131.57	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1118583	91.75	ng	0.00
79) Terphenyl-d14	19.99	244	2010746	107.03	ng	0.00

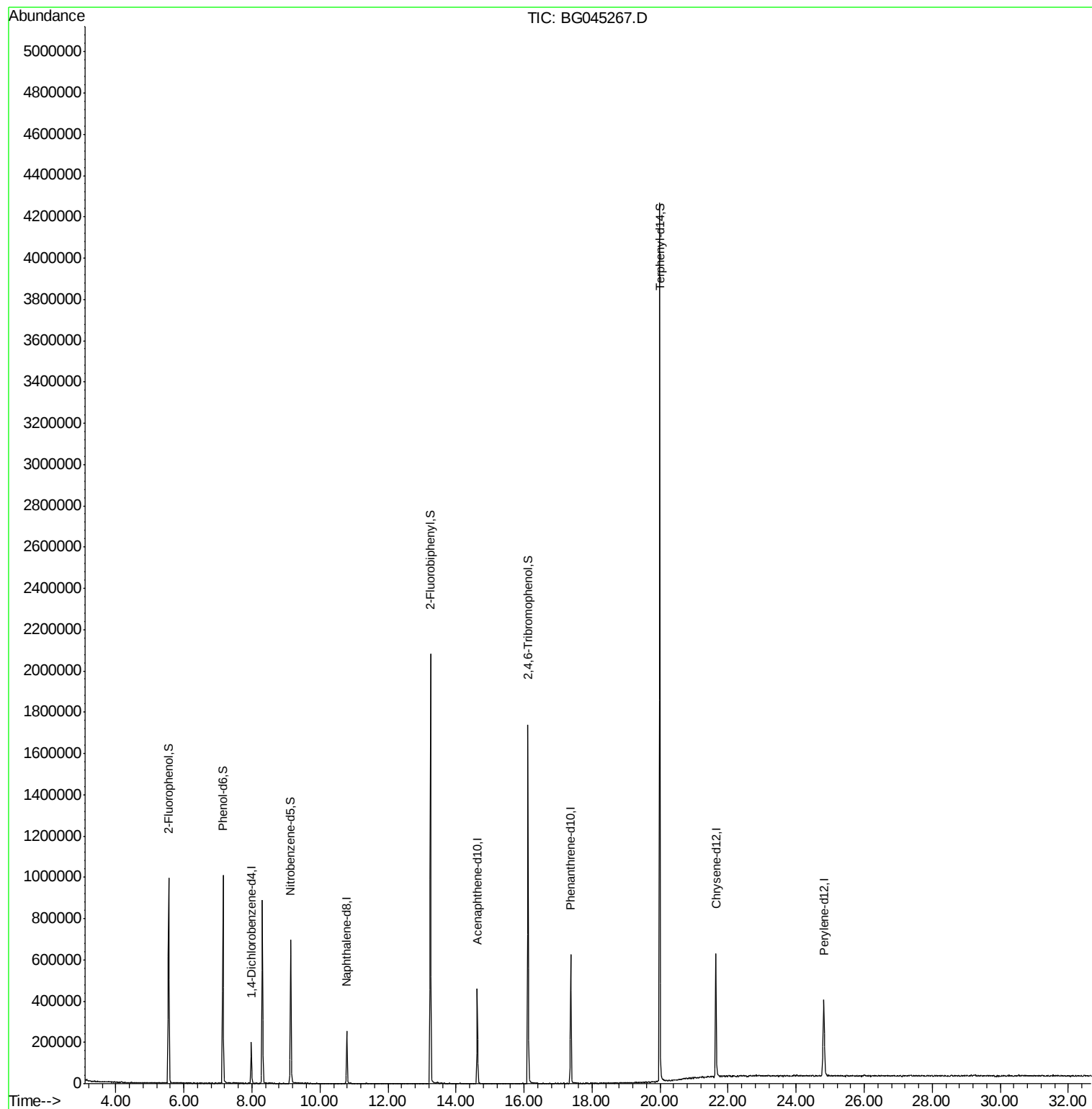
Target Compounds Qvalue

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

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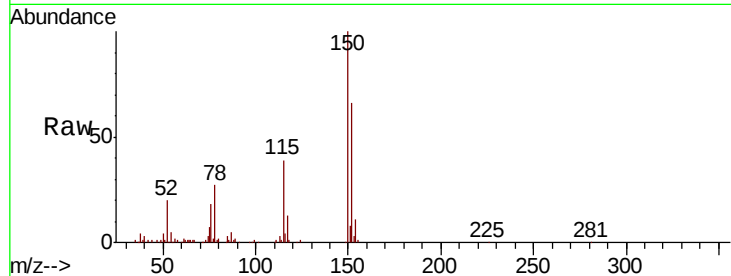


#1

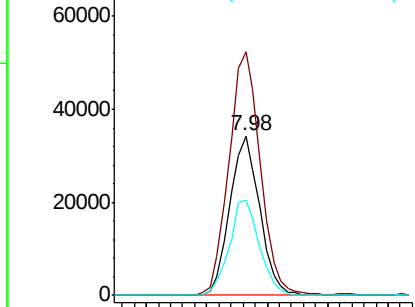
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Instrument :
BNA_G
ClientSampleId :
PB128702BL

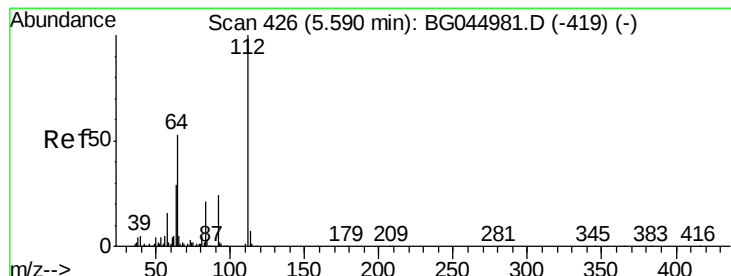
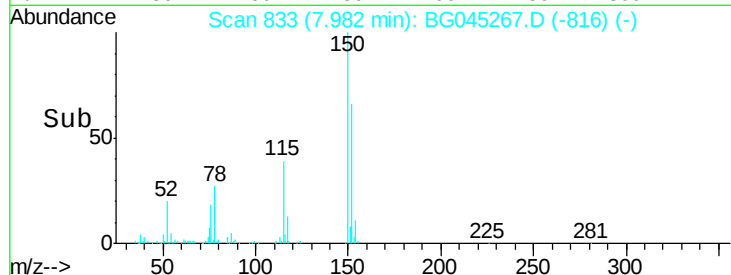
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.6	185.4
115	59.9	49.1	73.7



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



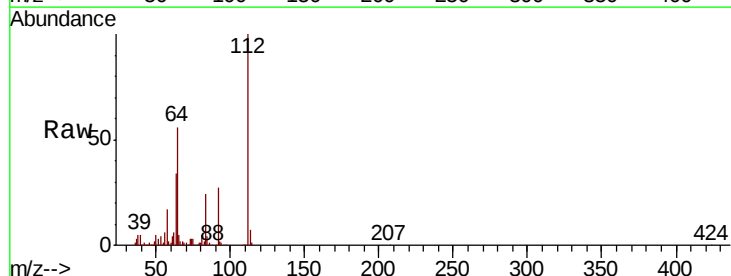
Time-->



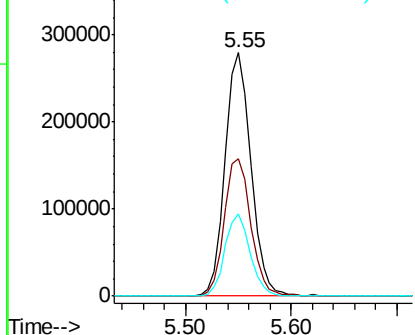
#5

2-Fluorophenol
Concen: 132.599 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

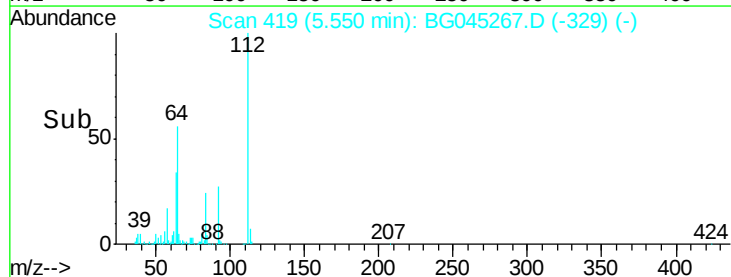
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	33.6	23.1	34.7

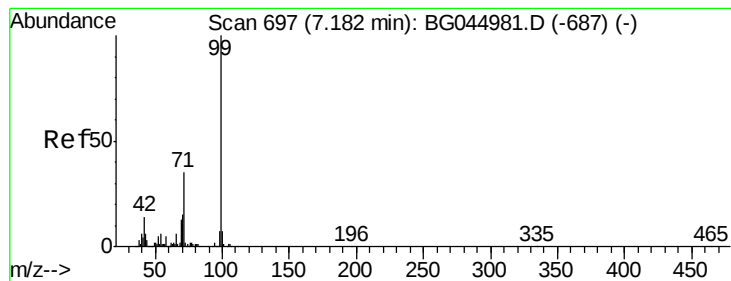


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 127.591 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

BNA_G

ClientSampleId :

PB128702BL

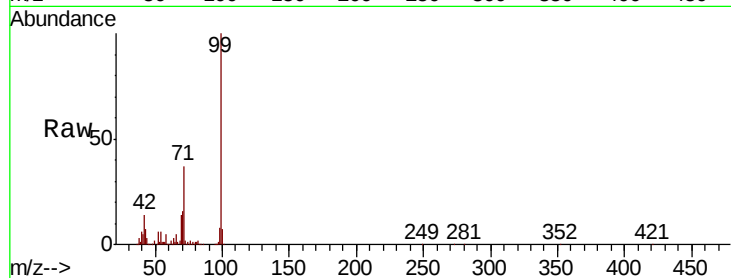
Tot Ion: 99 Resp: 679312

Ion Ratio Lower Upper

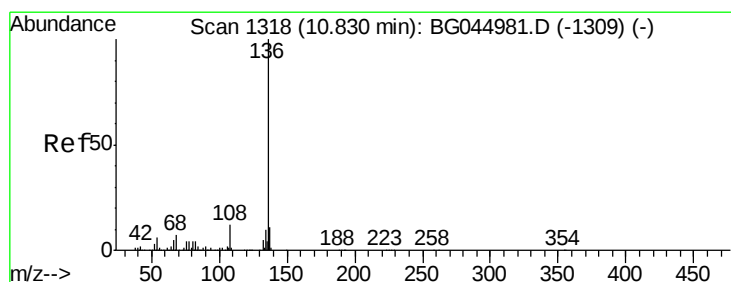
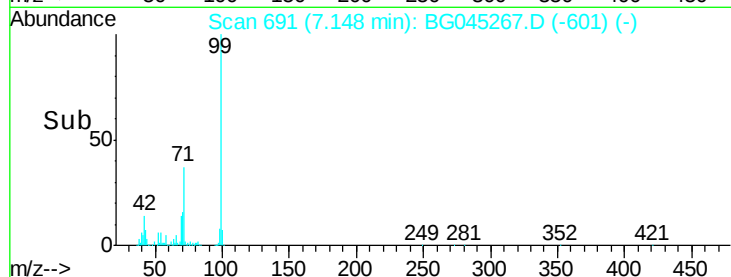
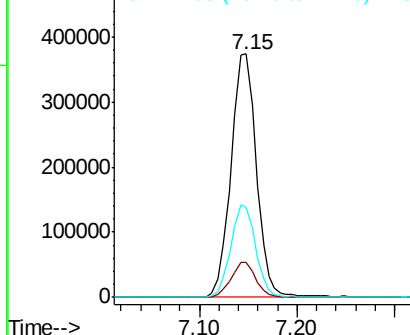
99 100

42 14.3 11.3 16.9

71 36.9 28.3 42.5



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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Tgt Ion: 136 Resp: 233788

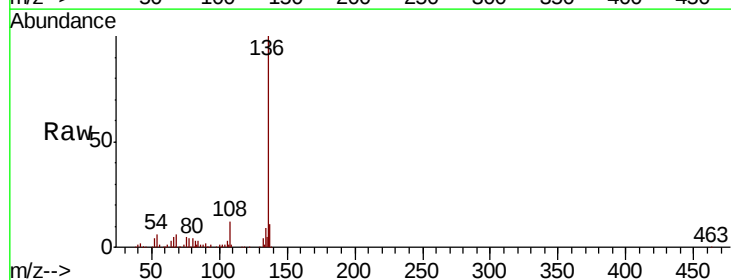
Ion Ratio Lower Upper

136 100

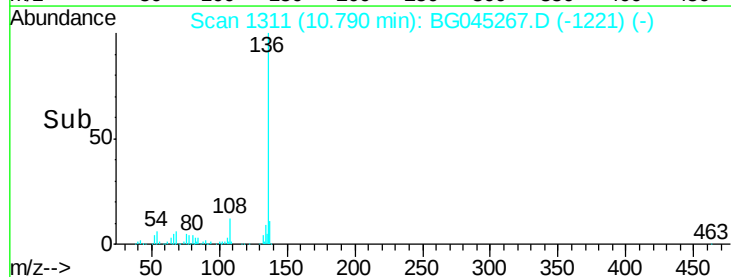
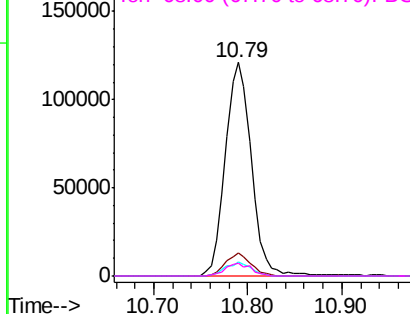
137 11.1 8.6 13.0

54 6.4 4.8 7.2

68 6.0 5.2 7.8



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

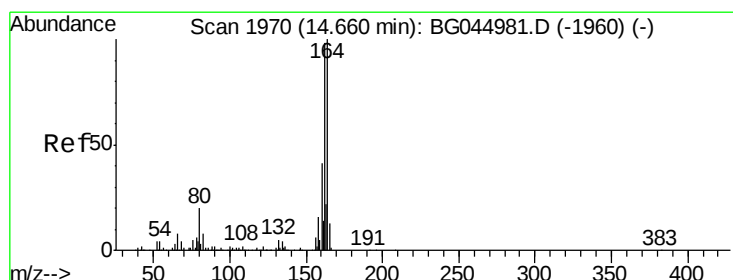
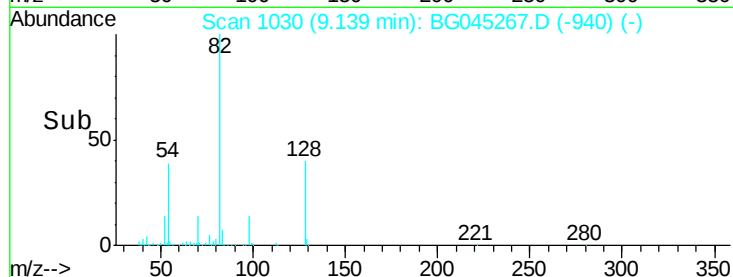
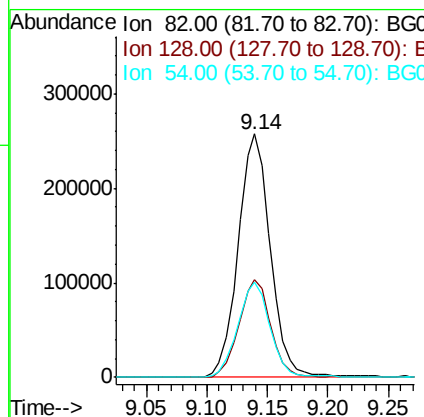
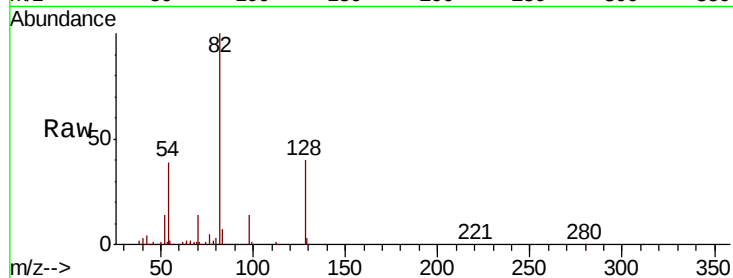




#23
Nitrobenzene-d5
Concen: 93.171 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

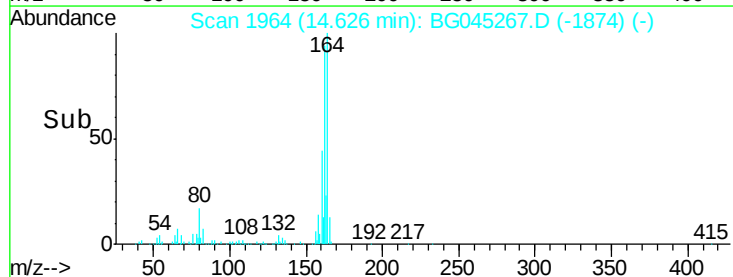
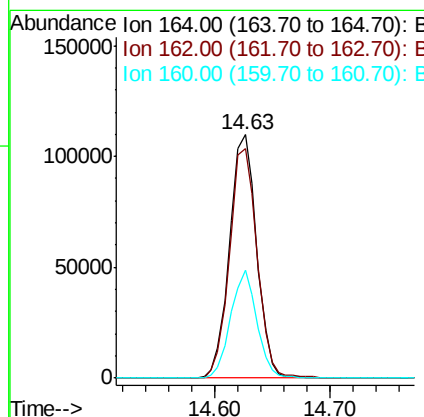
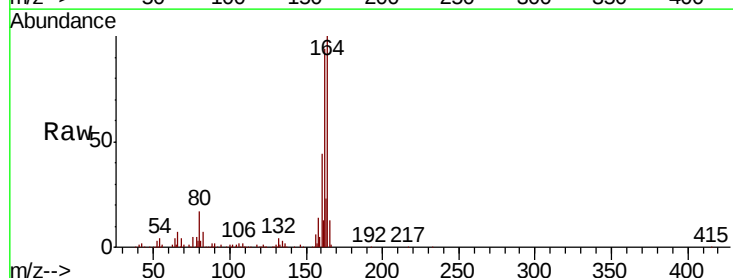
Instrument :
BNA_G
ClientSampleId :
PB128702BL

Tot Ion	82	Resp	477378
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.0	49.4
54	39.0	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045267.D
Acq: 7 May 2020 13:23

Tgt Ion	164	Resp	178774
Ion Ratio	Lower	Upper	
164	100		
162	94.2	78.7	118.1
160	44.5	32.8	49.2

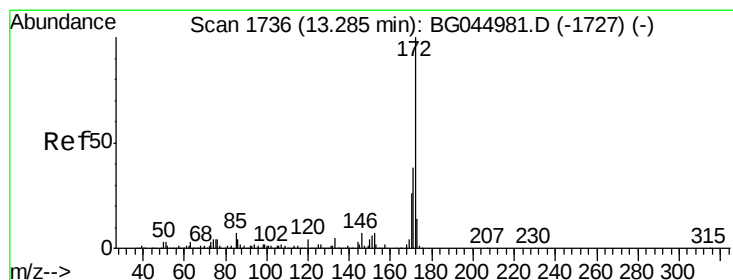
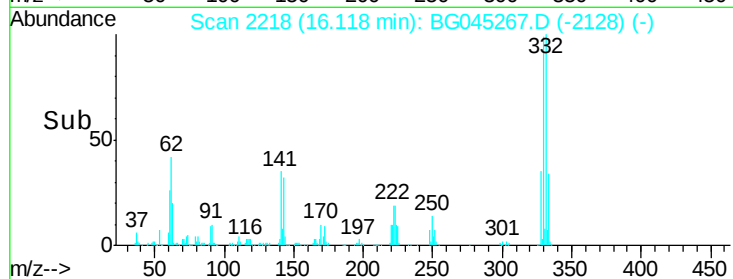
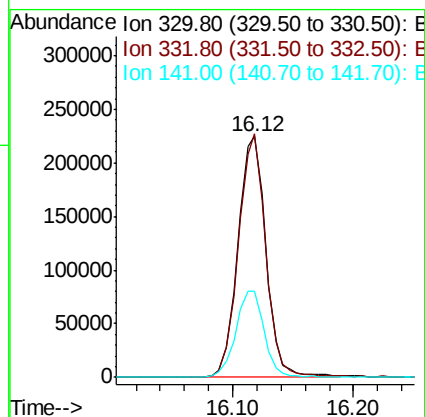
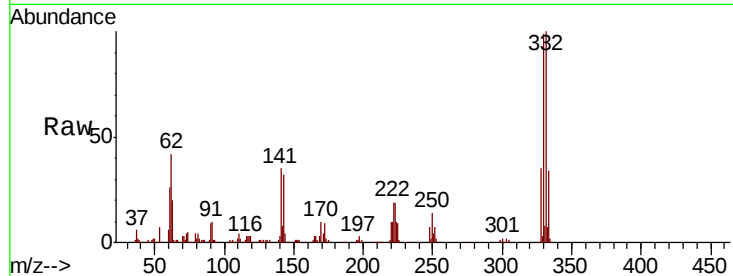




#42
 2,4,6-Tribromophenol
 Concen: 131.567 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

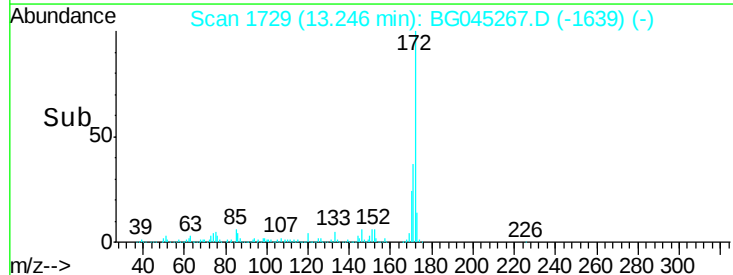
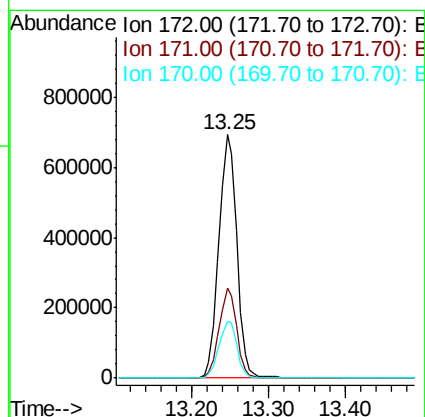
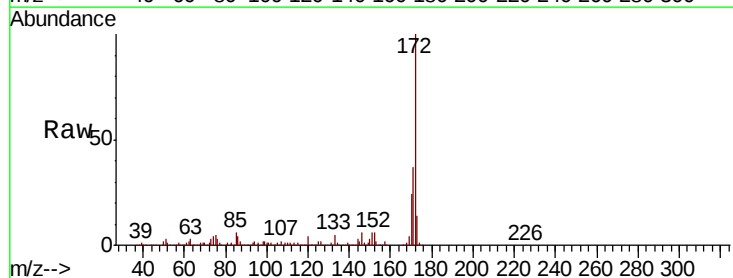
Instrument :
 BNA_G
 ClientSampleId :
 PB128702BL

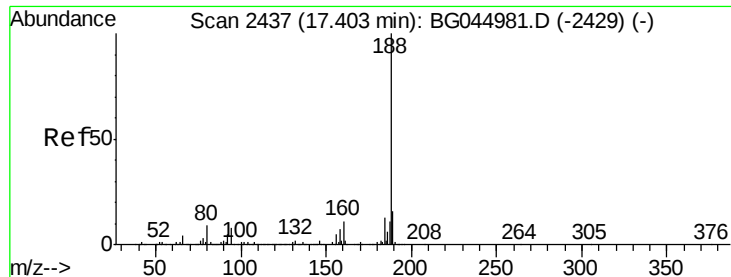
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	36.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 91.747 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045267.D
 Acq: 7 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.5	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

BNA_G

ClientSampleId :

PB128702BL

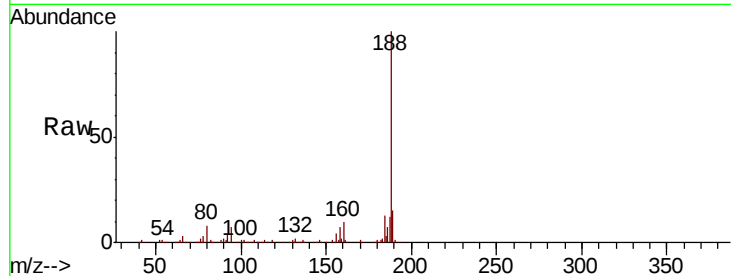
Tot Ion:188 Resp: 421571

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

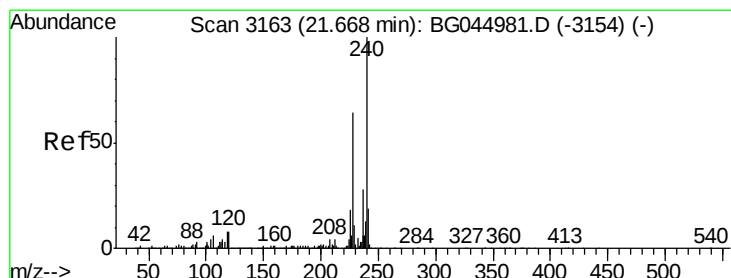
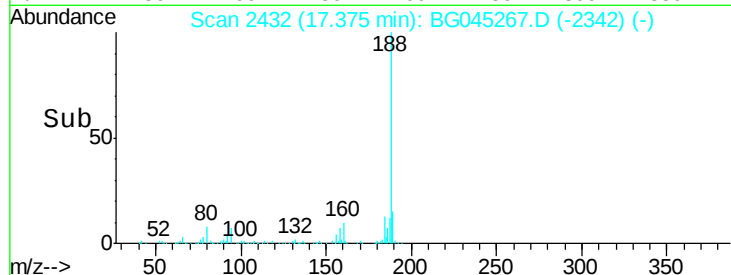
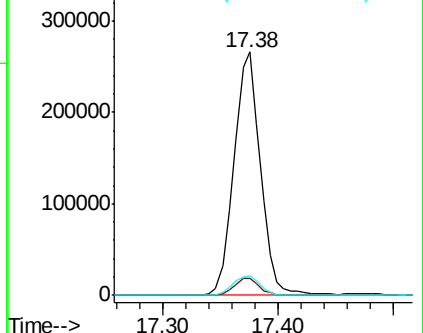
80 7.9 7.0 10.6



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: 20.000 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

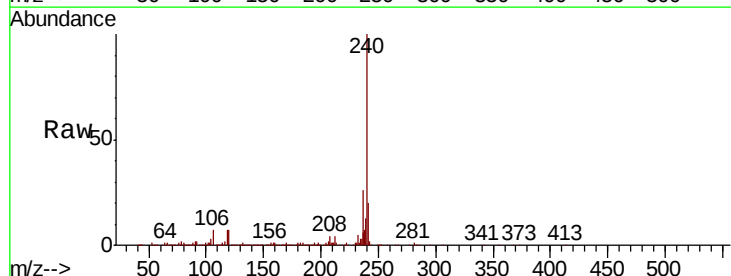
Tgt Ion:240 Resp: 409468

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

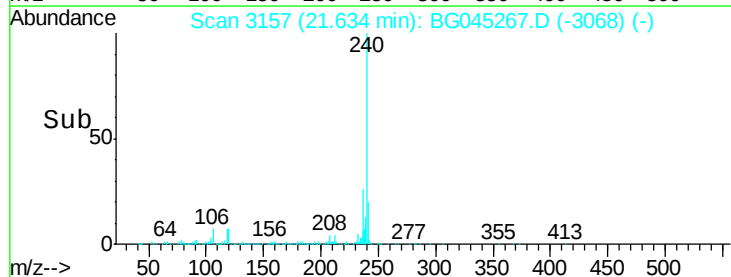
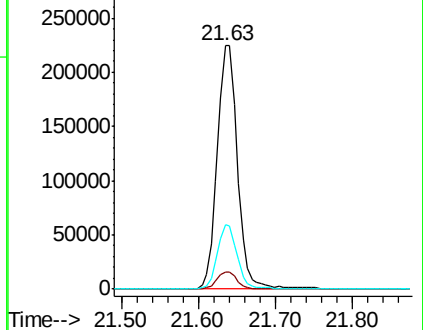
236 26.2 22.2 33.2

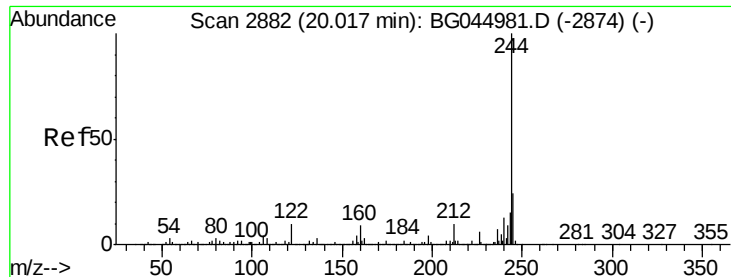


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.030 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Instrument :

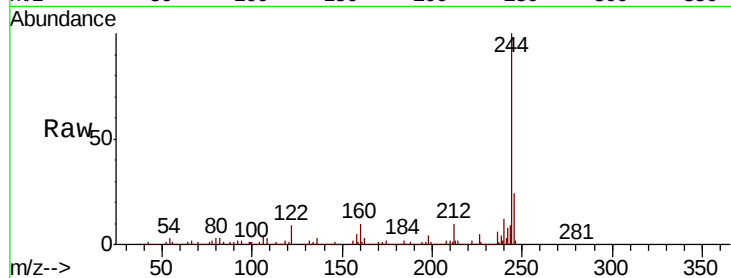
BNA_G

ClientSampleId :

PB128702BL

Tot Ion:244 Resp: 2010746

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.2	7.7	11.5

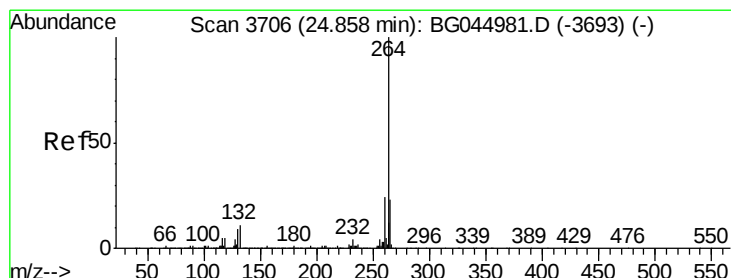
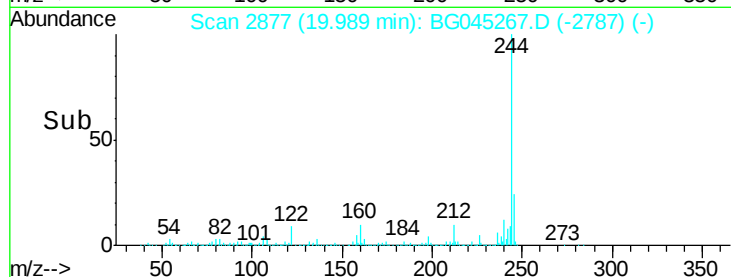
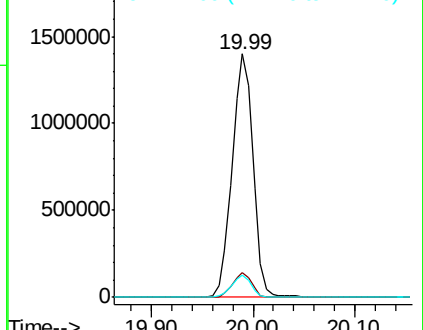


Abundance

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: 24.81 min Scan# 3698

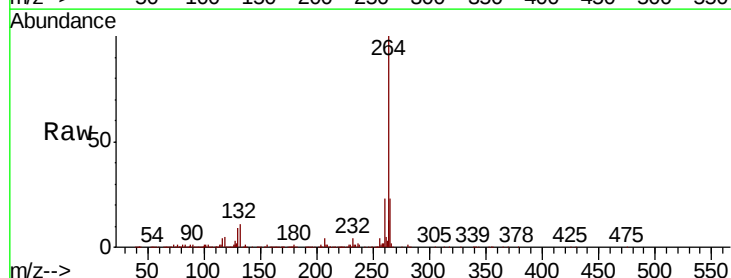
Delta R.T. -0.00 min

Lab File: BG045267.D

Acq: 7 May 2020 13:23

Tgt Ion:264 Resp: 424510

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.6	19.0	28.4



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

