

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045283.D
 Acq On : 7 May 2020 23:59
 Operator : CG/JU
 Sample : L2529-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11936

Quant Time: May 08 04:14:50 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

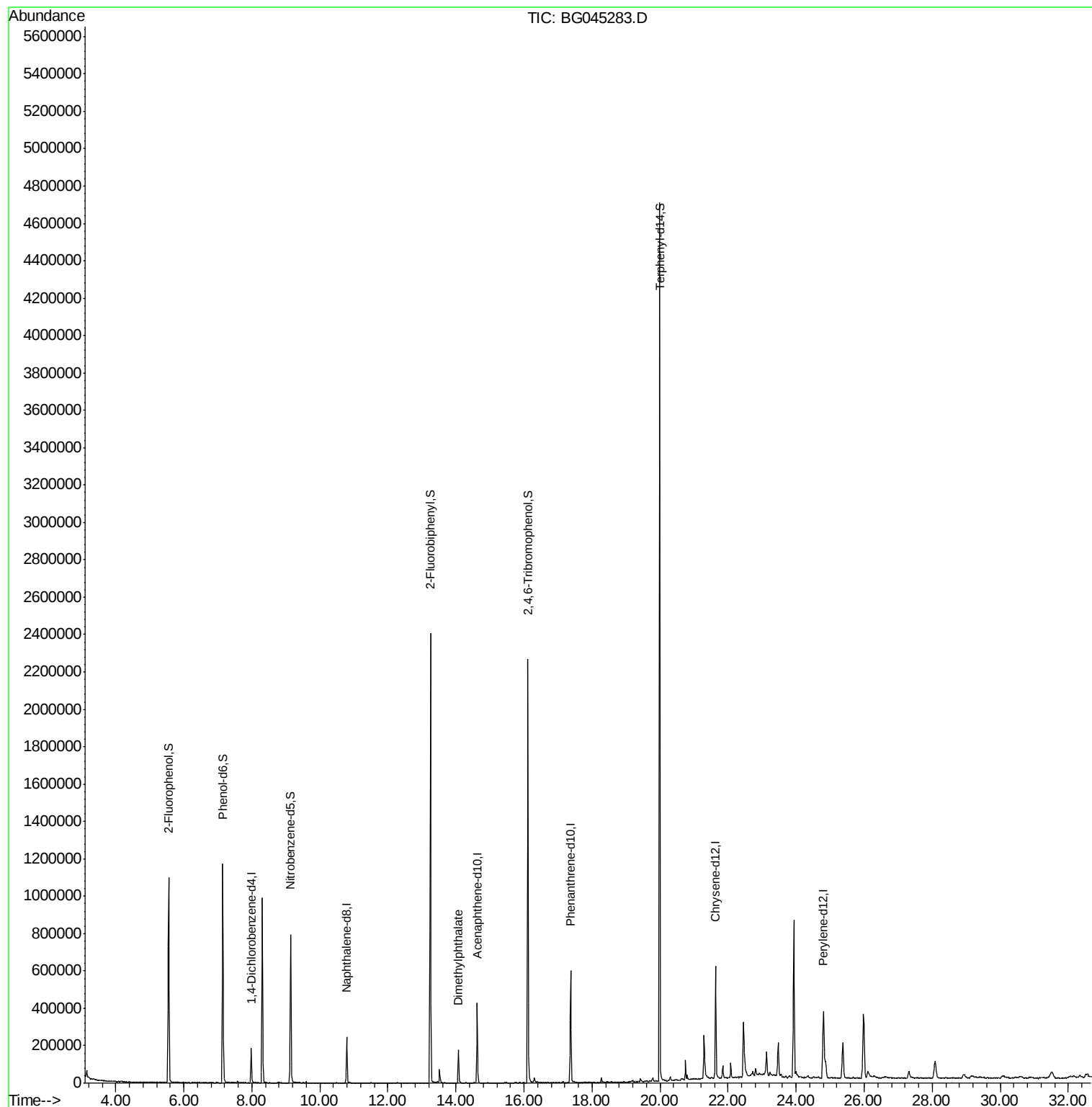
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56915	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	222723	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	162368	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	391886	20.00	ng	0.00
76) Chrysene-d12	21.64	240	387031	20.00	ng	0.00
87) Perylene-d12	24.80	264	405532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	525852	152.54	ng	0.00
7) Phenol-d6	7.14	99	784348	153.13	ng	0.00
23) Nitrobenzene-d5	9.14	82	548679	112.41	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	457004	182.19	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1322975	119.48	ng	0.00
79) Terphenyl-d14	19.99	244	2282504	128.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	126111	9.539	ng	Qvalue 97

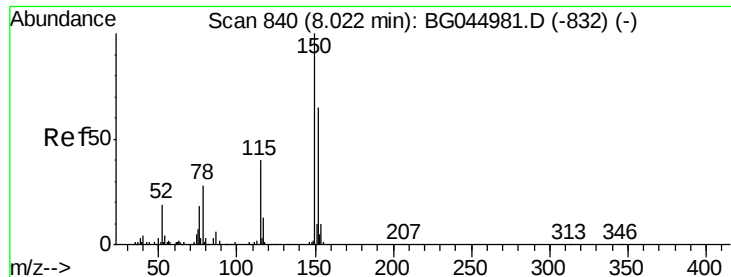
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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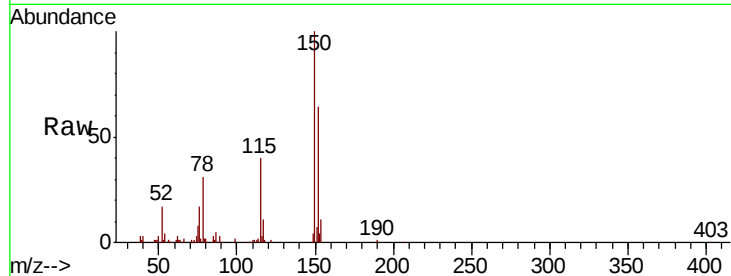


#1

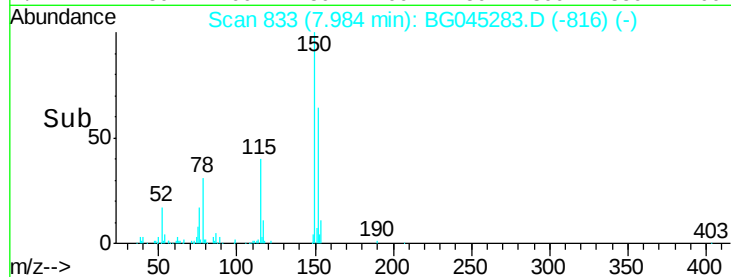
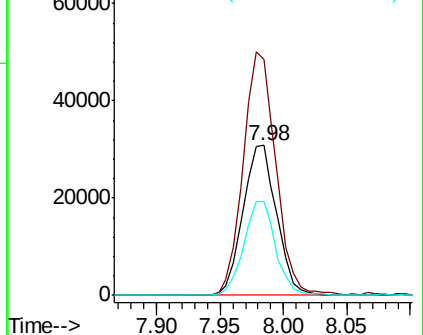
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Instrument :
BNA_G
ClientSampleId :
72-11936

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.6	185.4
115	62.5	49.1	73.7



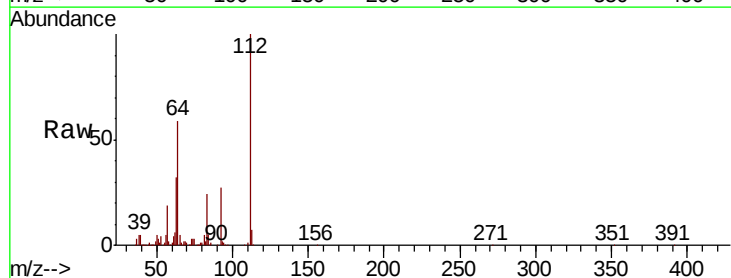
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



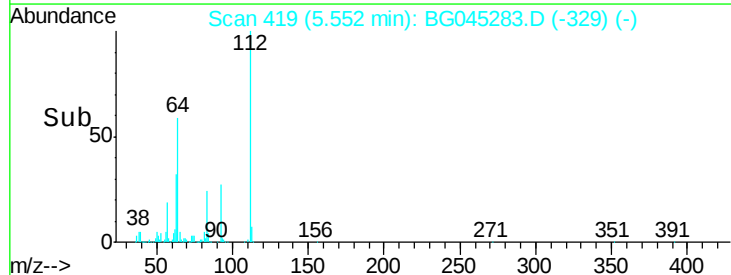
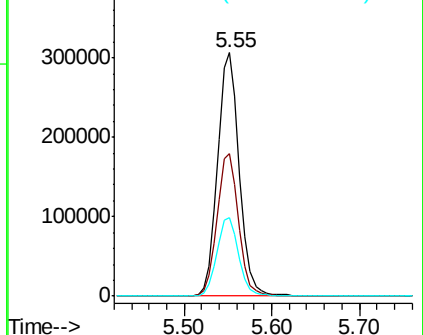
#5

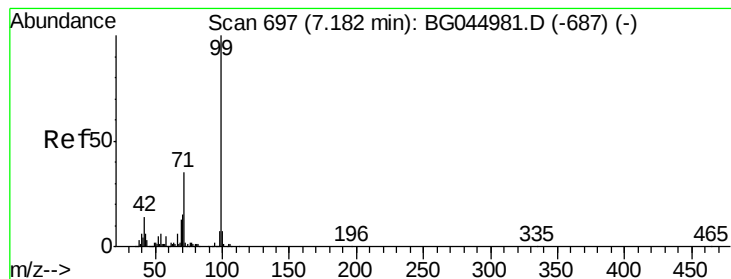
2-Fluorophenol
Concen: 152.535 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.4	63.6
63	32.0	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





#7

Phenol-d6

Concen: 153.133 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampleId :

72-11936

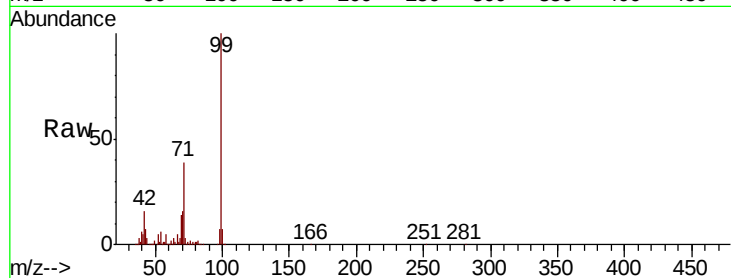
Tot Ion: 99 Resp: 784348

Ion Ratio Lower Upper

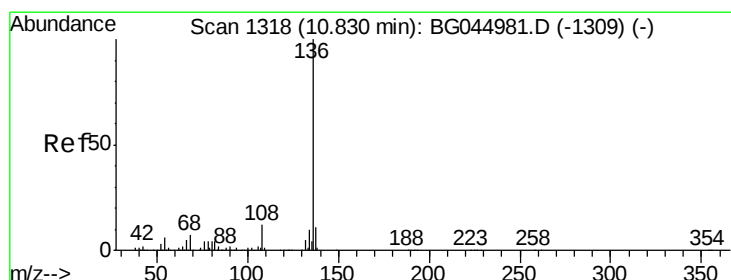
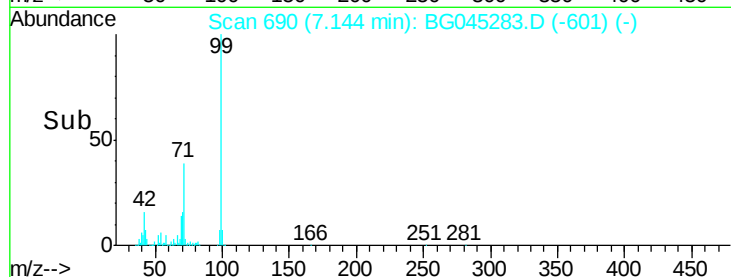
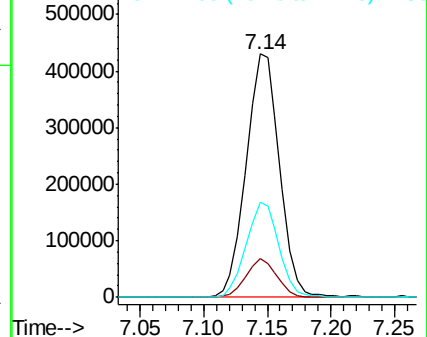
99 100

42 15.9 11.3 16.9

71 39.2 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: BG045283.D

Acq: 7 May 2020 23:59

Tgt Ion: 136 Resp: 222723

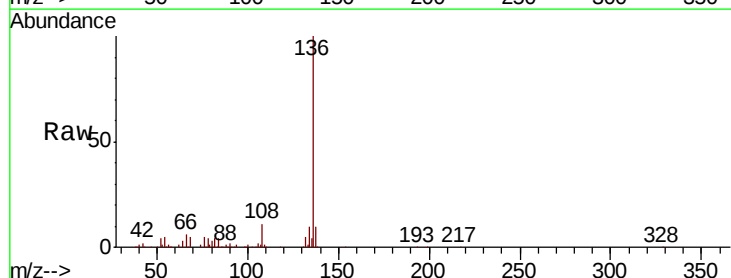
Ion Ratio Lower Upper

136 100

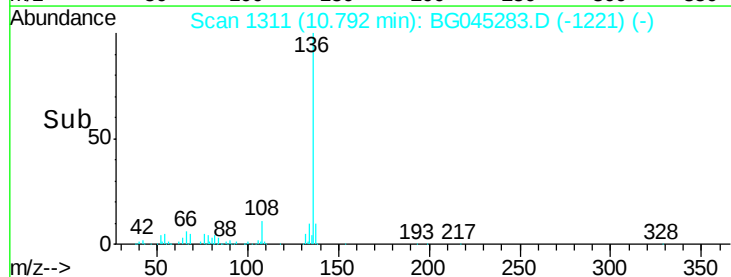
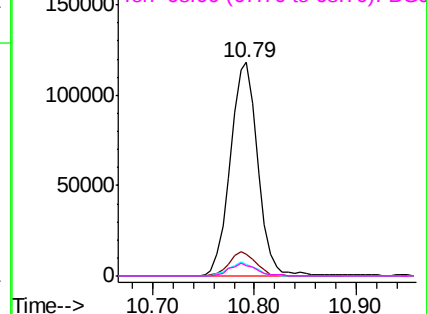
137 10.2 8.6 13.0

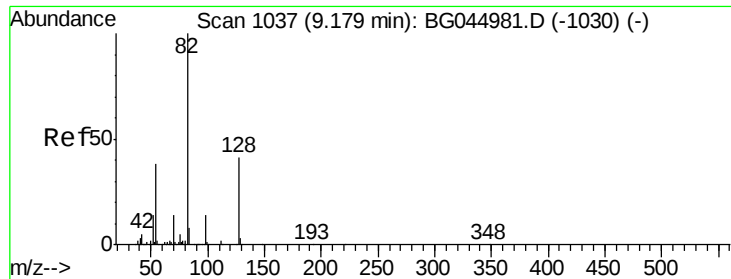
54 5.3 4.8 7.2

68 4.9 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

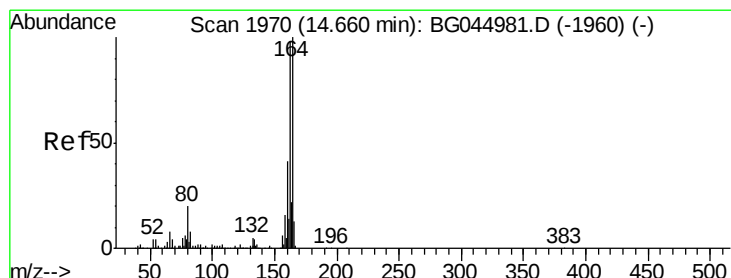
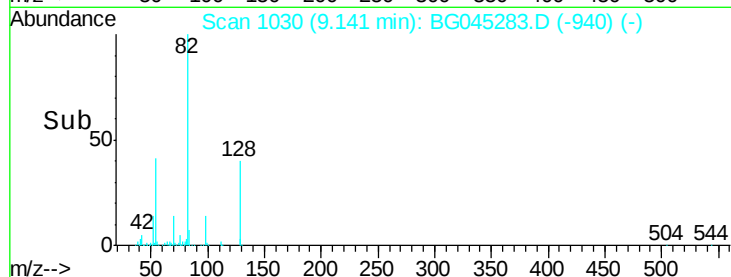
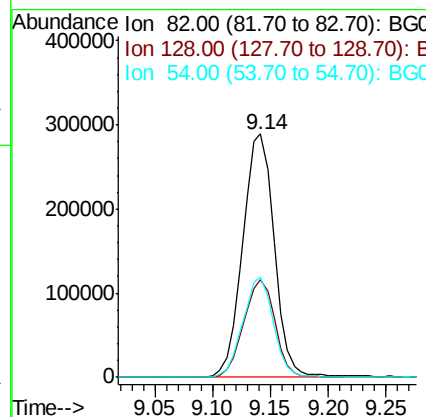
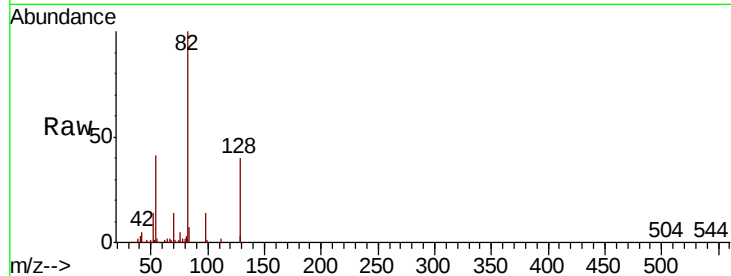




#23
Nitrobenzene-d5
Concen: 112.407 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

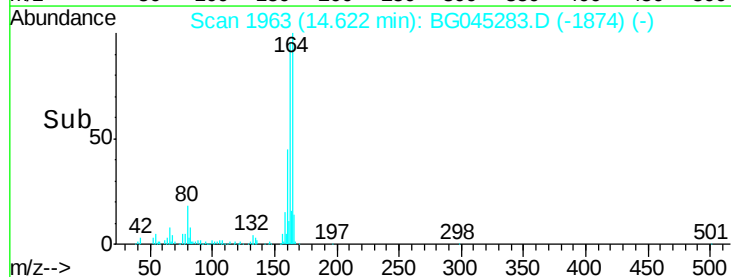
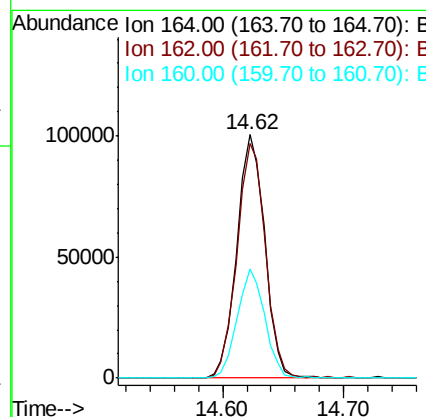
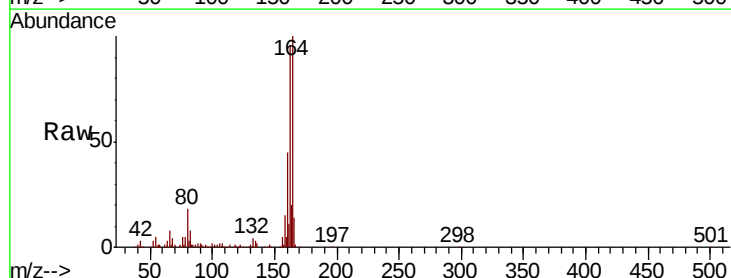
Instrument :
BNA_G
ClientSampleId :
72-11936

Tot Ion	82	Resp	548679
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	41.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Tgt Ion	164	Resp	162368
Ion Ratio	Lower	Upper	
164	100		
162	96.3	78.7	118.1
160	44.7	32.8	49.2

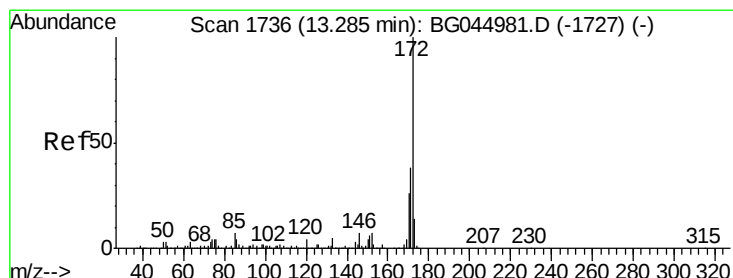
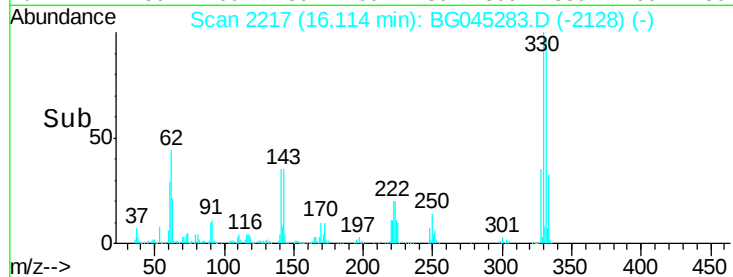
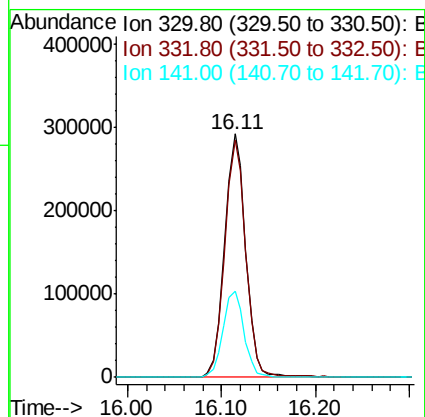
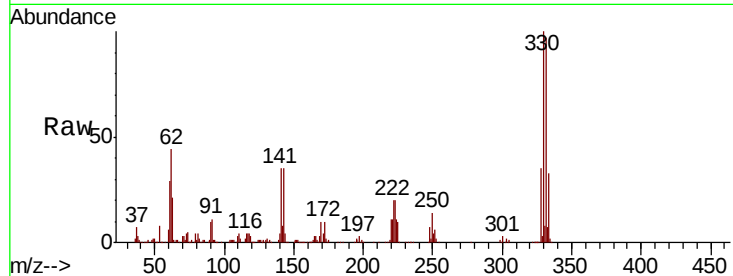




#42
 2,4,6-Tribromophenol
 Concen: 182.191 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

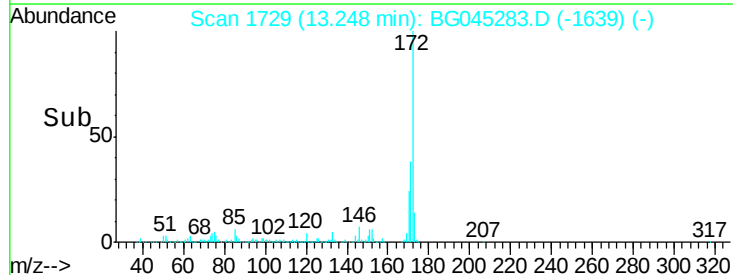
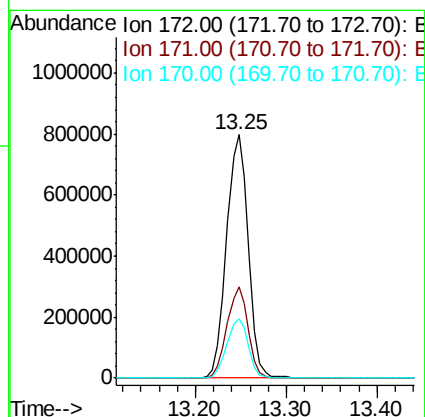
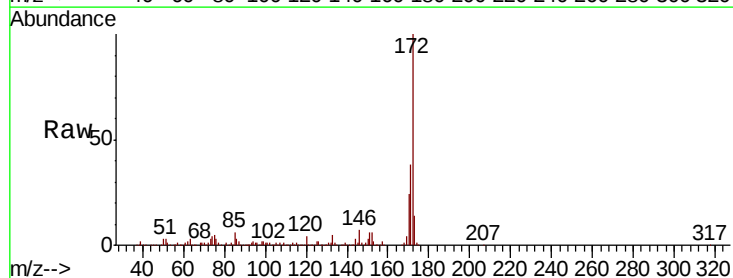
Instrument :
 BNA_G
 ClientSampleId :
 72-11936

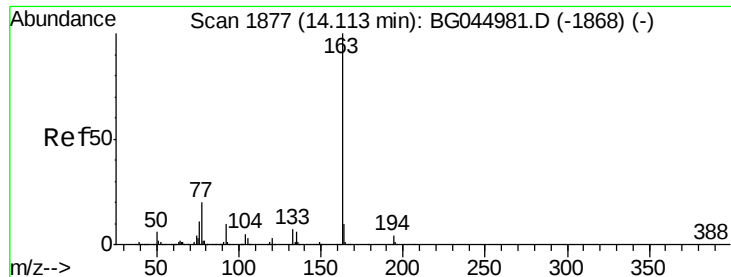
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	35.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 119.476 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	24.4	20.5	30.7





#50

Dimethylphthalate

Concen: 9.539 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampleId :

72-11936

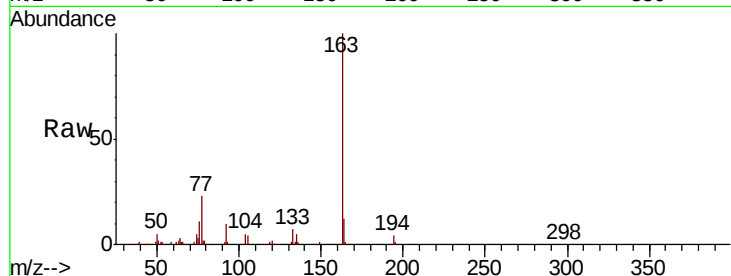
Tot Ion:163 Resp: 126111

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

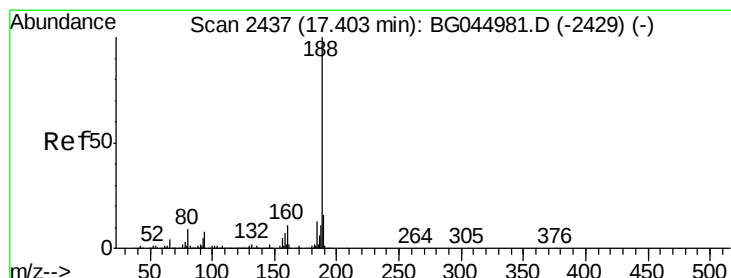
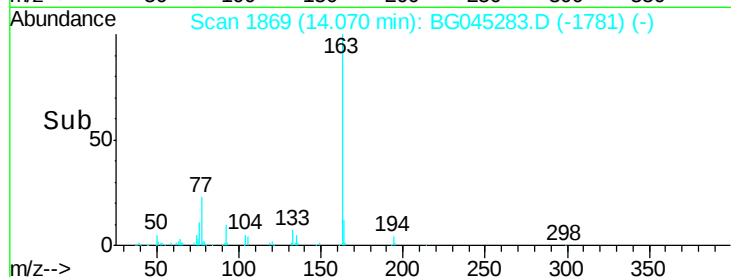
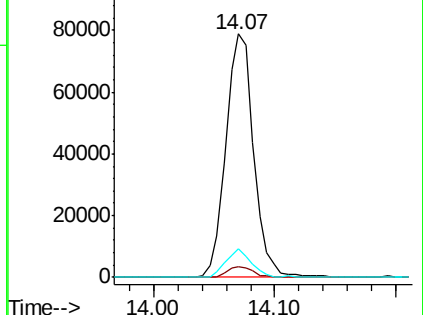
164 11.9 8.2 12.4



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: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

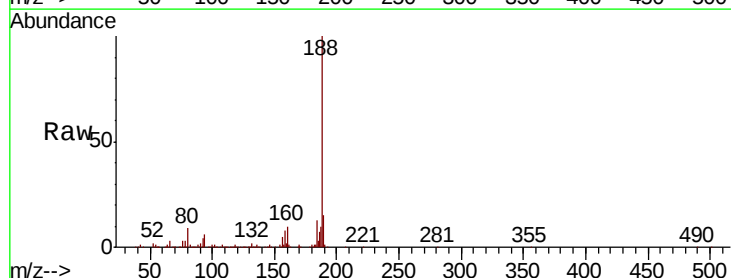
Tgt Ion:188 Resp: 391886

Ion Ratio Lower Upper

188 100

94 6.1 6.2 9.4#

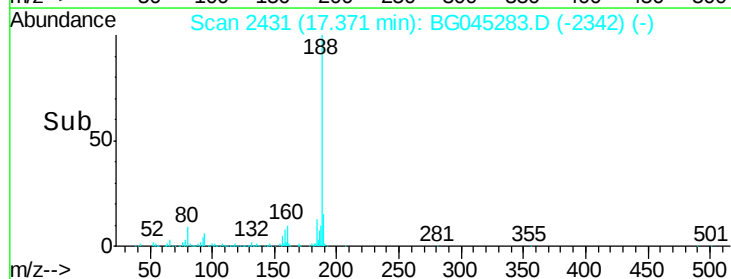
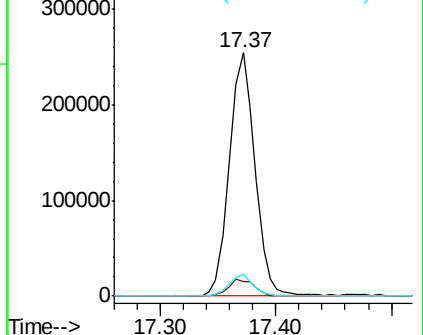
80 9.0 7.0 10.6



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: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampleId :

72-11936

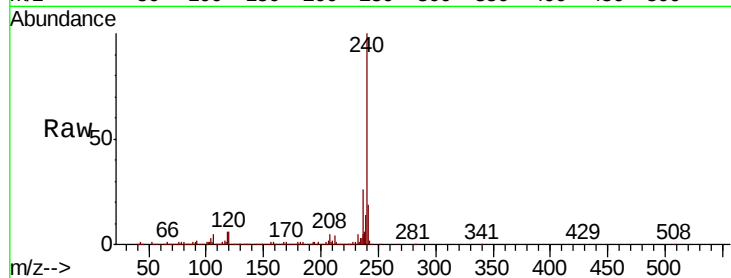
Tot Ion:240 Resp: 387031

Ion Ratio Lower Upper

240 100

120 6.2 6.6 10.0#

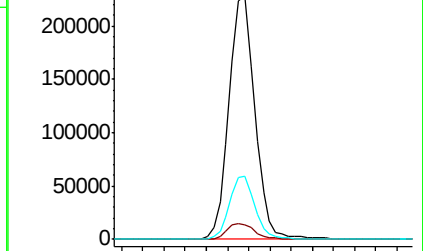
236 26.1 22.2 33.2



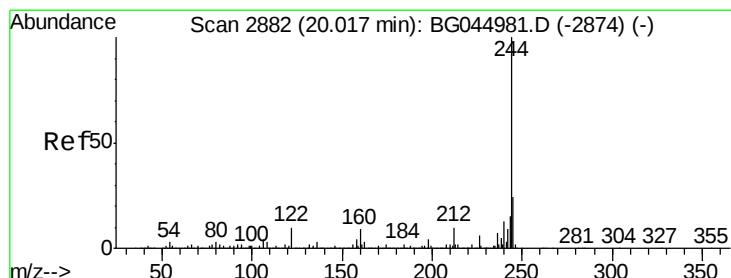
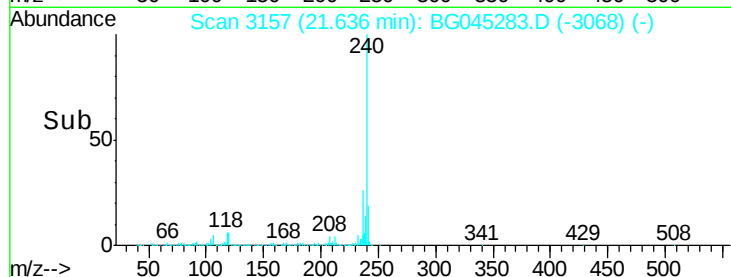
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 128.539 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

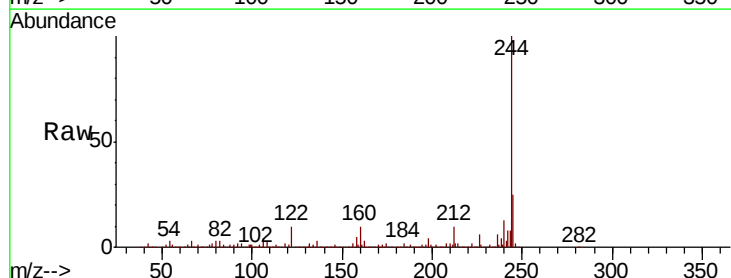
Tgt Ion:244 Resp: 2282504

Ion Ratio Lower Upper

244 100

212 10.1 7.9 11.9

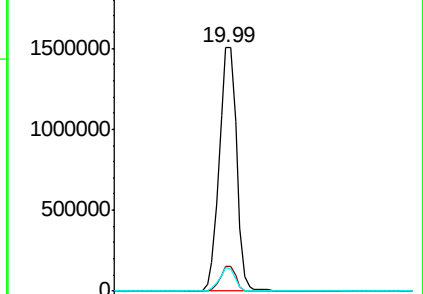
122 9.7 7.7 11.5



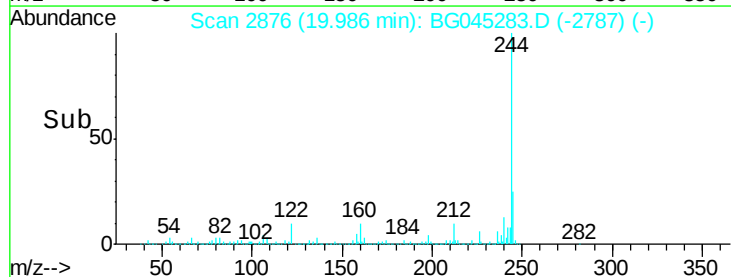
Abundance Ion 244.00 (243.70 to 244.70): E

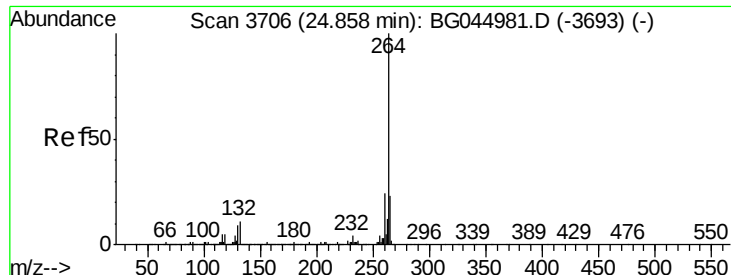
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

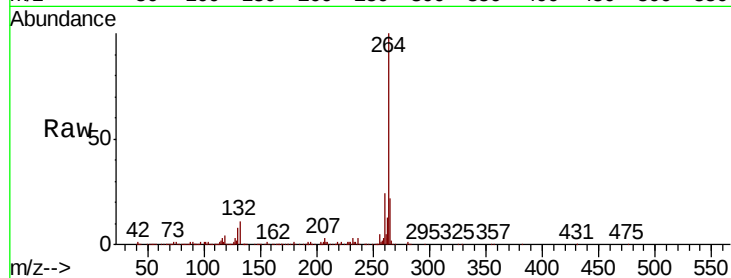




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Instrument :
BNA_G
ClientSampleId :
72-11936

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	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

