

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045266.D
 Acq On : 7 May 2020 12:44
 Operator : CG/JU
 Sample : PB128711BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BL

Quant Time: May 07 13:23:09 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	7.99	152	59808	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	228440	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	165694	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	396311	20.00	ng	0.00
76) Chrysene-d12	21.64	240	405643	20.00	ng	0.00
87) Perylene-d12	24.81	264	417993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	470926	129.99	ng	0.00
7) Phenol-d6	7.15	99	661153	122.84	ng	0.00
23) Nitrobenzene-d5	9.14	82	458876	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	327916	128.10	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1040662	92.09	ng	0.00
79) Terphenyl-d14	19.99	244	1912935	102.78	ng	0.00

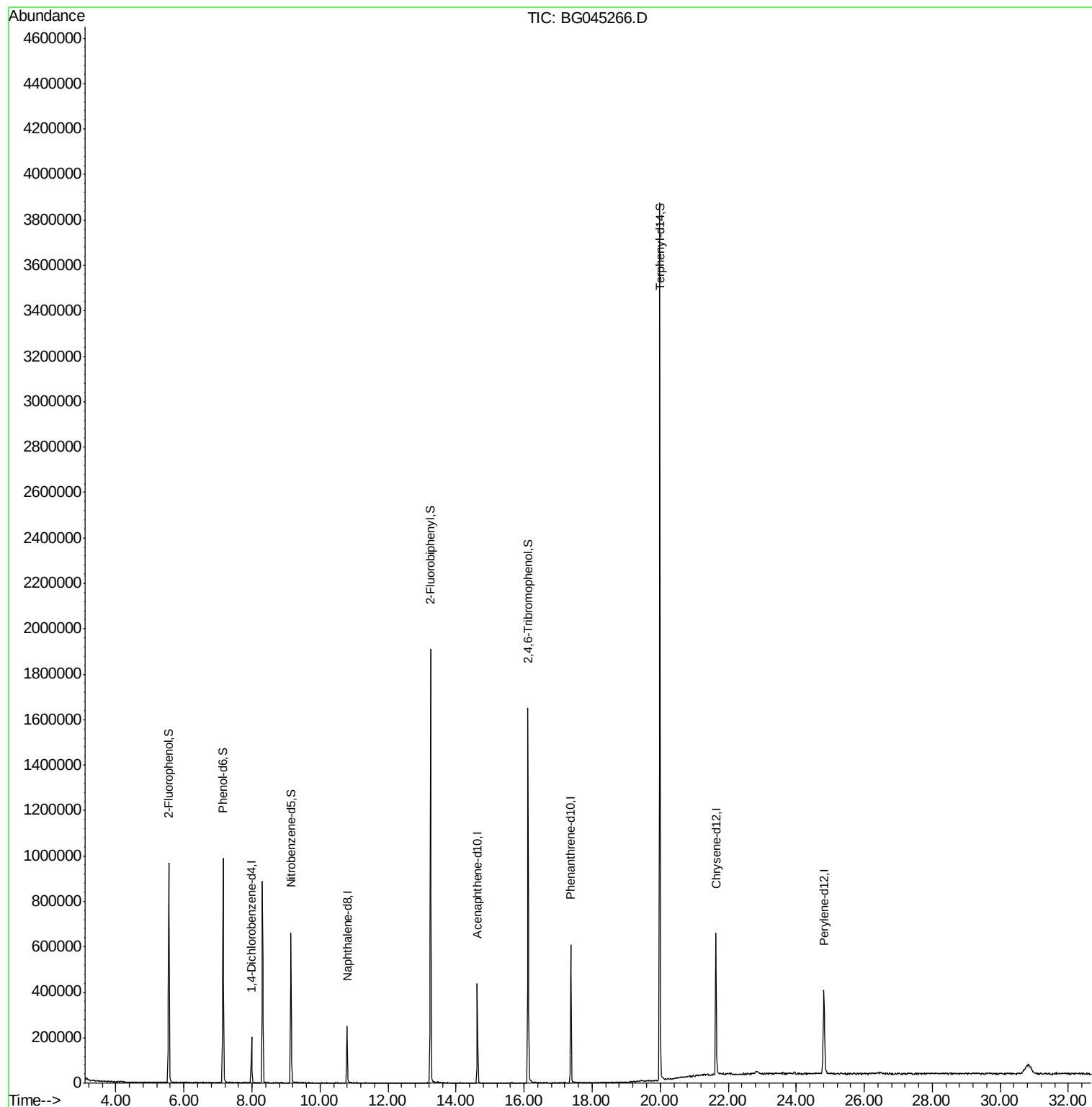
Target Compounds Qvalue

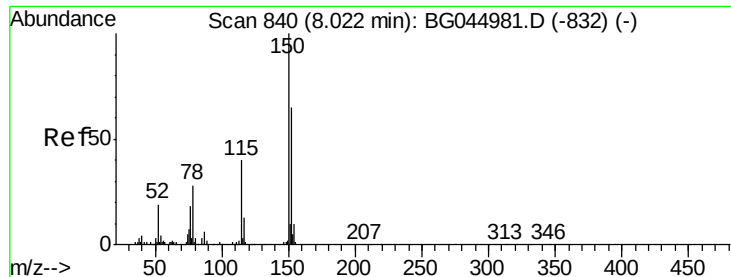
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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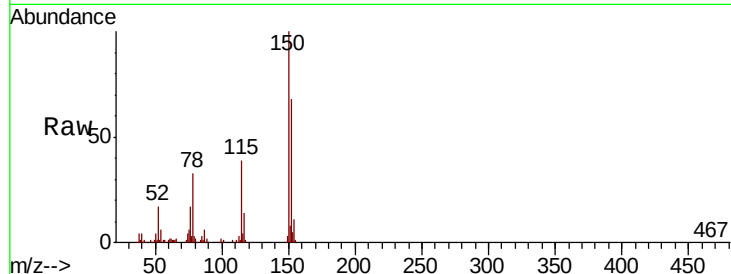


#1

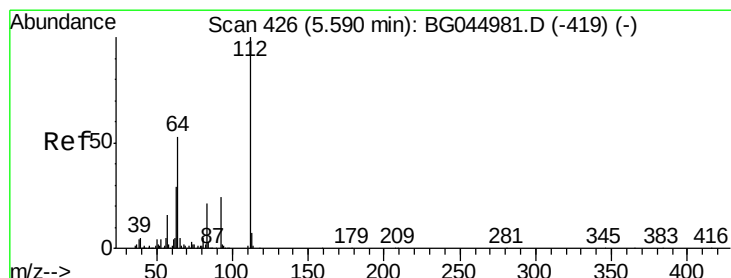
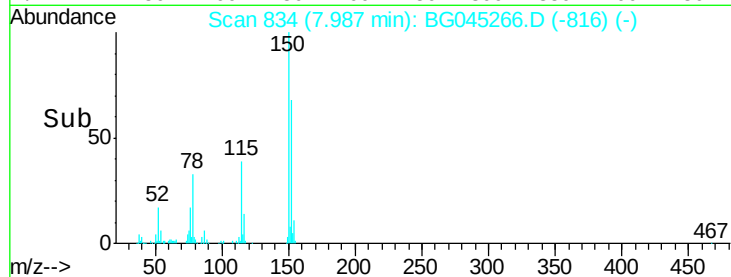
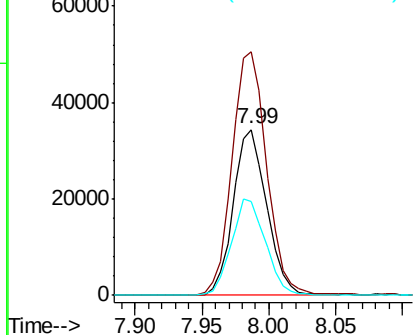
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045266.D
 Acq: 7 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128711BL

Tot Ion:152 Resp: 59808
 Ion Ratio Lower Upper
 152 100
 150 147.1 123.6 185.4
 115 56.9 49.1 73.7



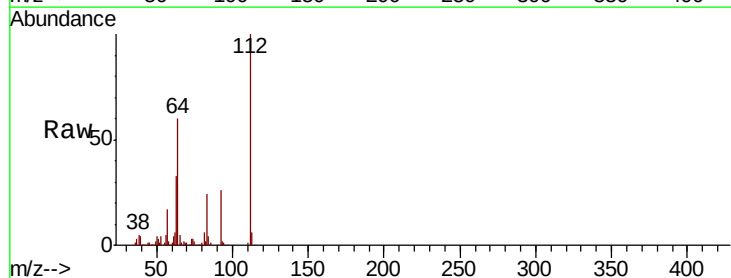
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



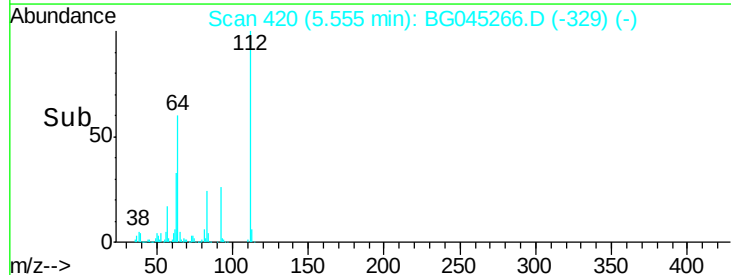
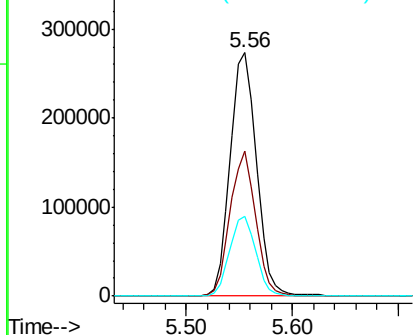
#5

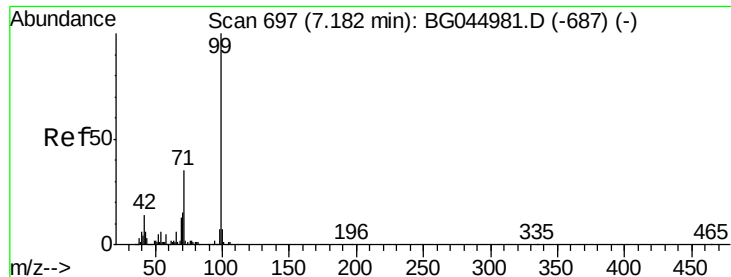
2-Fluorophenol
 Concen: 129.995 ng
 RT: 5.56 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BG045266.D
 Acq: 7 May 2020 12:44

Tgt Ion:112 Resp: 470926
 Ion Ratio Lower Upper
 112 100
 64 59.8 42.4 63.6
 63 32.9 23.1 34.7



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: 122.837 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045266.D

Acq: 7 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128711BL

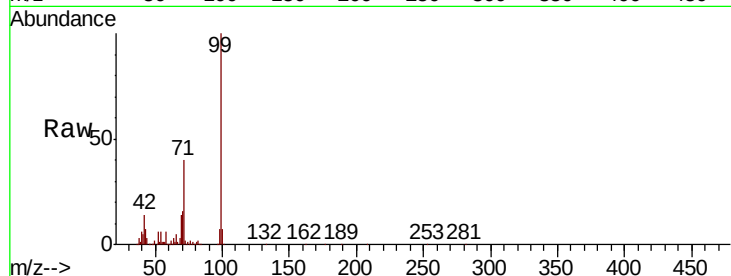
Tot Ion: 99 Resp: 661153

Ion Ratio Lower Upper

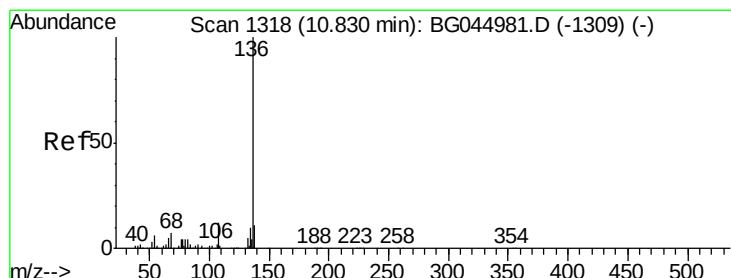
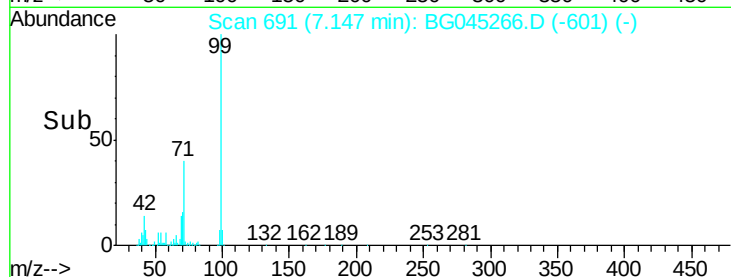
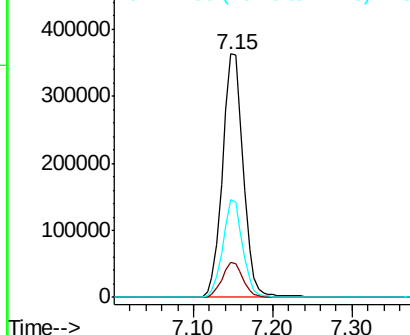
99 100

42 14.3 11.3 16.9

71 39.9 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: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG045266.D

Acq: 7 May 2020 12:44

Tgt Ion: 136 Resp: 228440

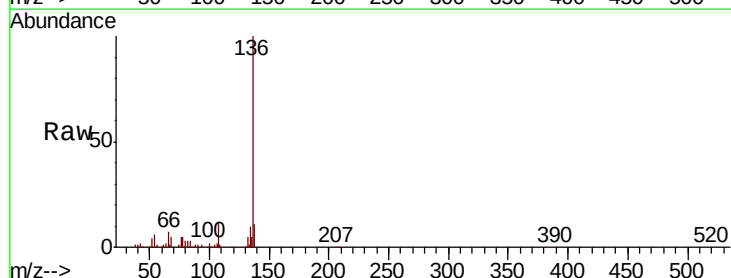
Ion Ratio Lower Upper

136 100

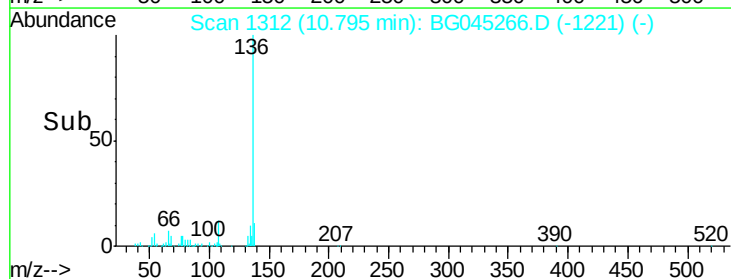
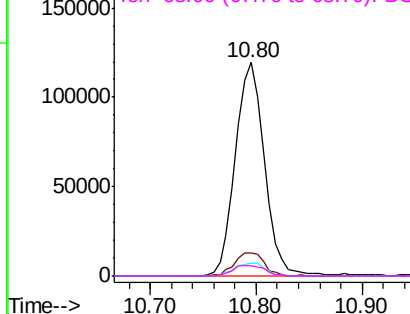
137 11.0 8.6 13.0

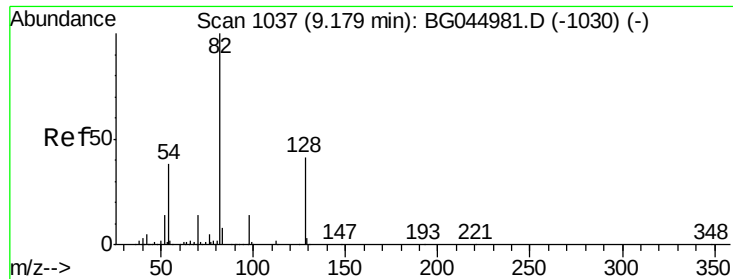
54 6.3 4.8 7.2

68 5.1 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

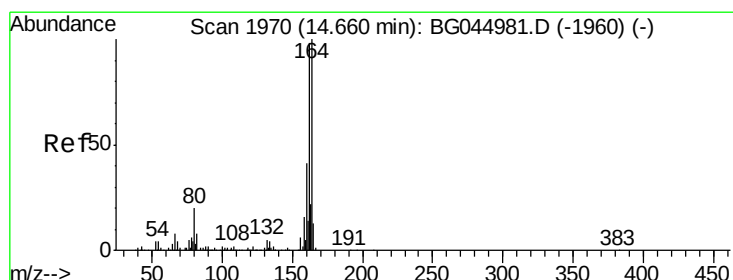
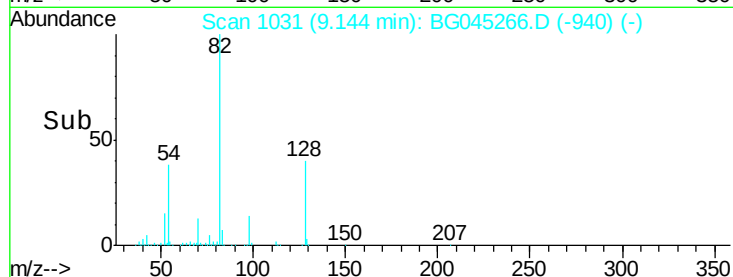
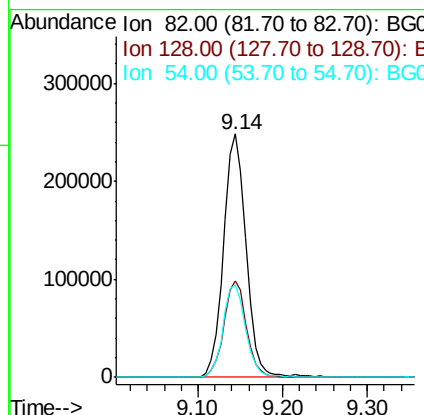
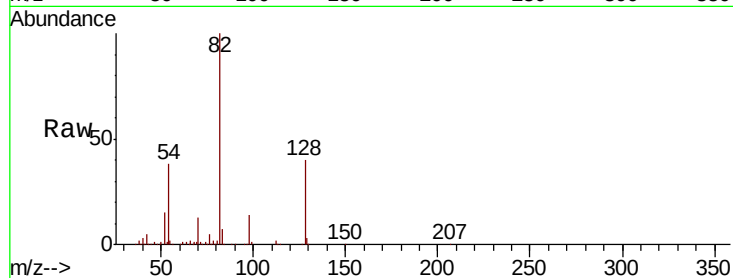




#23
Nitrobenzene-d5
Concen: 91.656 ng
RT: 9.14 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

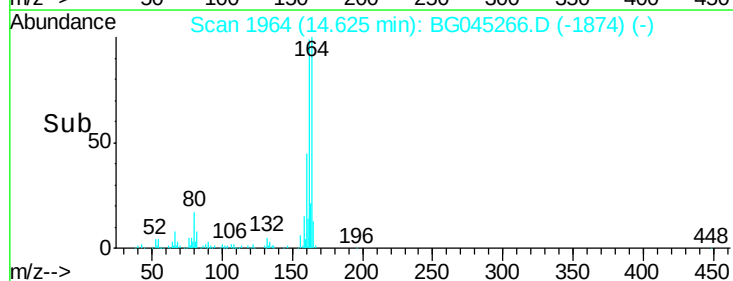
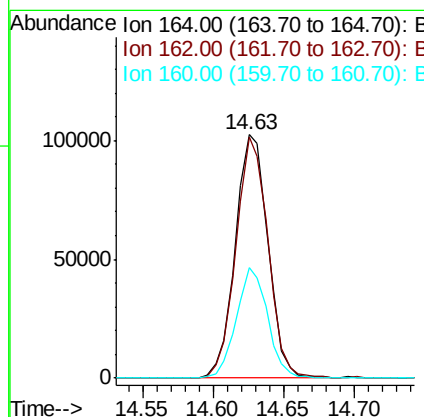
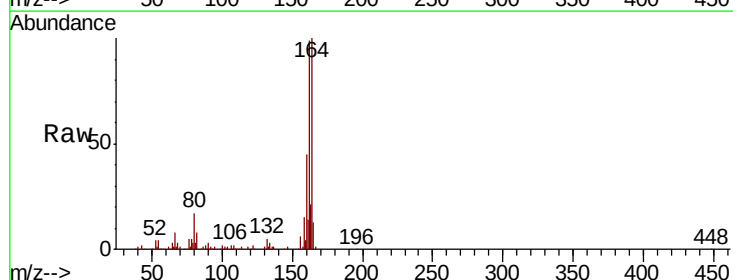
Instrument :
BNA_G
ClientSampleId :
PB128711BL

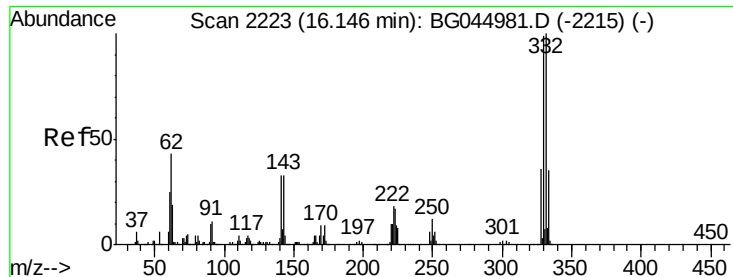
Tot Ion	82	Resp	458876
Ion Ratio	Lower	Upper	
82	100		
128	39.6	33.0	49.4
54	38.1	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045266.D
Acq: 7 May 2020 12:44

Tgt Ion	164	Resp	165694
Ion Ratio	Lower	Upper	
164	100		
162	98.9	78.7	118.1
160	45.2	32.8	49.2

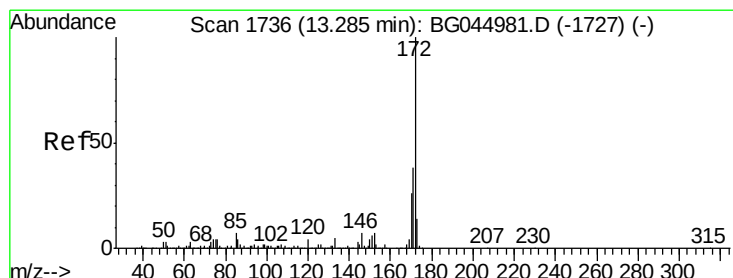
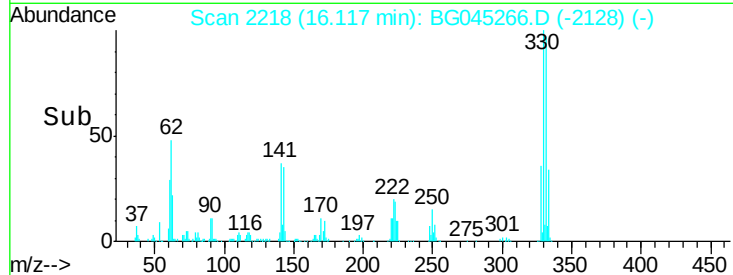
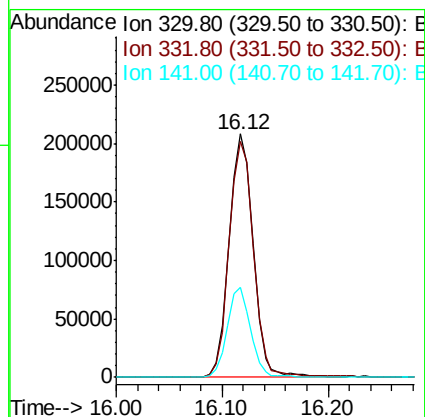
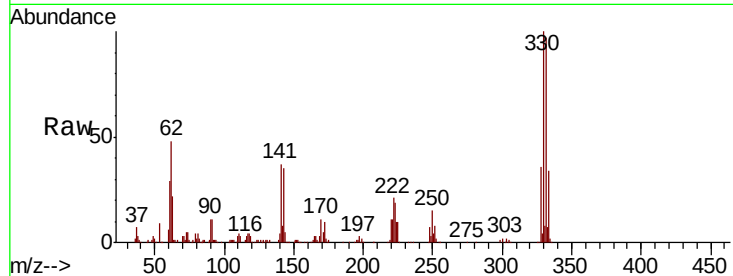




#42
 2,4,6-Tribromophenol
 Concen: 128.104 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045266.D
 Acq: 7 May 2020 12:44

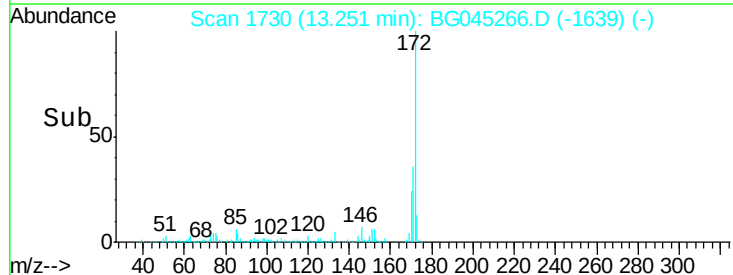
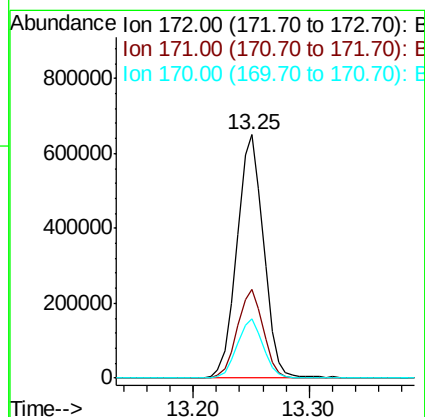
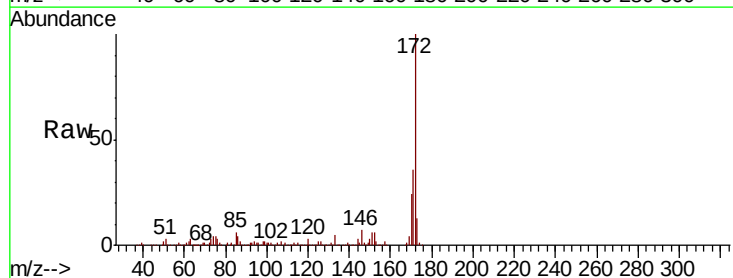
Instrument :
 BNA_G
 ClientSampleId :
 PB128711BL

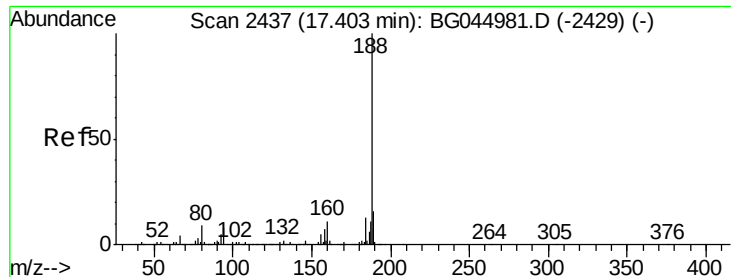
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	36.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 92.094 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG045266.D
 Acq: 7 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	24.2	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045266.D

Acq: 7 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128711BL

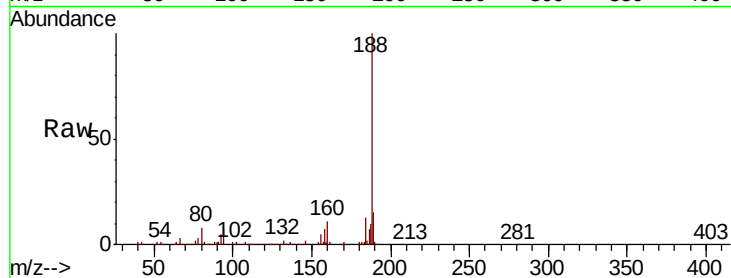
Tot Ion:188 Resp: 396311

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

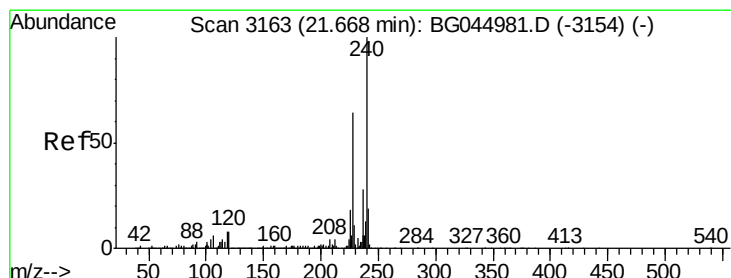
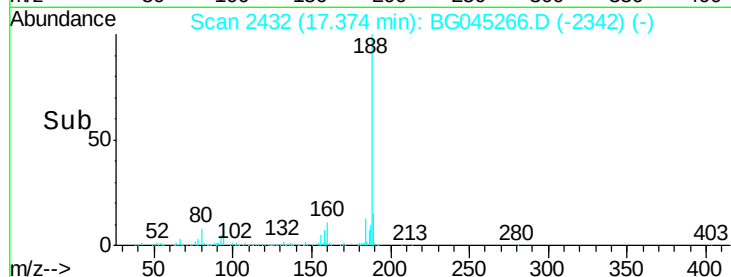
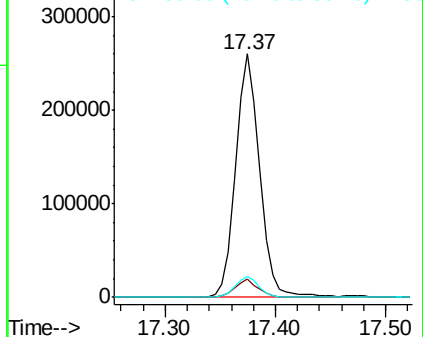
80 8.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045266.D

Acq: 7 May 2020 12:44

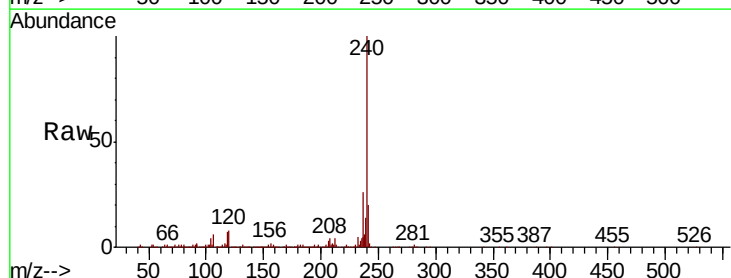
Tgt Ion:240 Resp: 405643

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

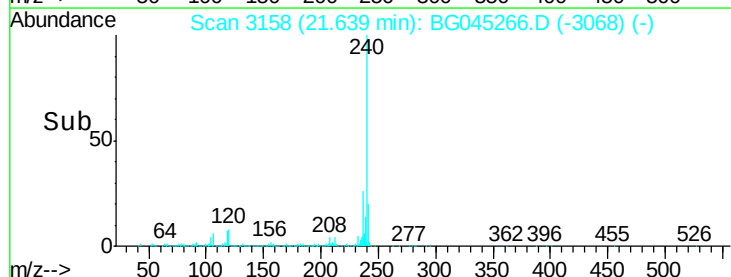
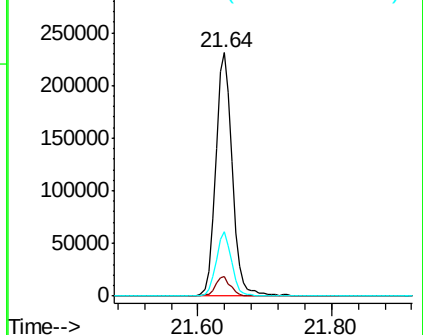
236 26.3 22.2 33.2

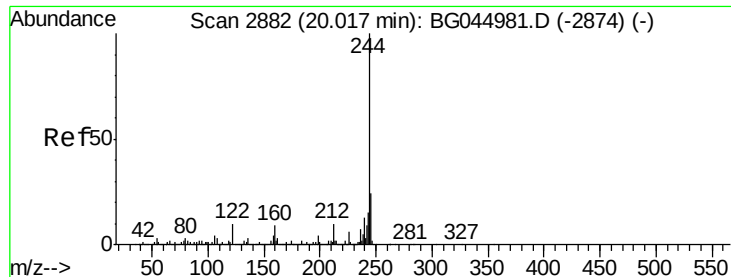


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.784 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045266.D

Acq: 7 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128711BL

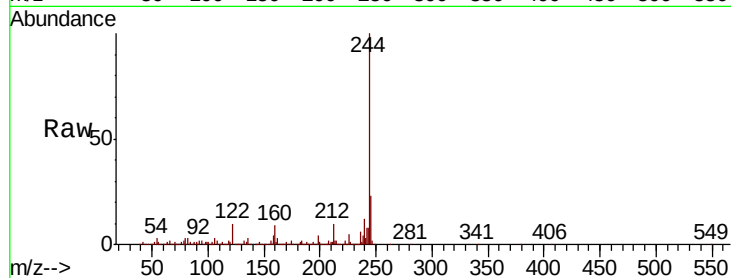
Tot Ion:244 Resp: 1912935

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

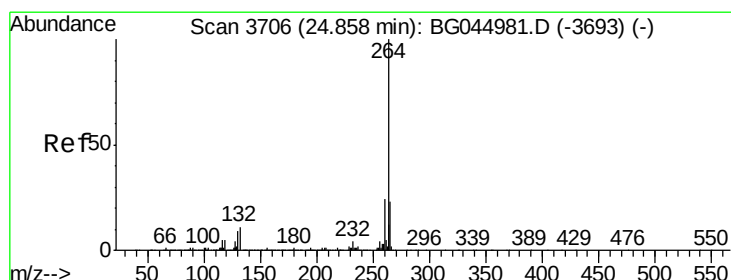
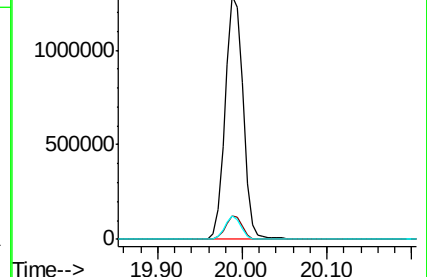
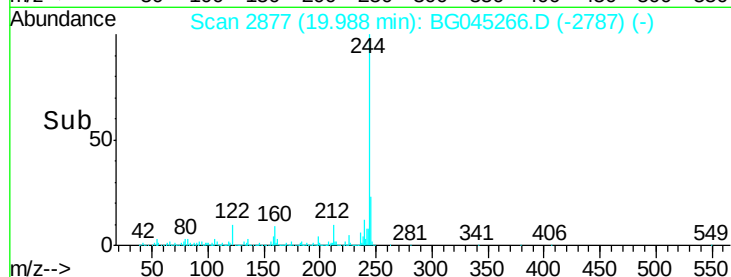
122 9.5 7.7 11.5



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: BG045266.D

Acq: 7 May 2020 12:44

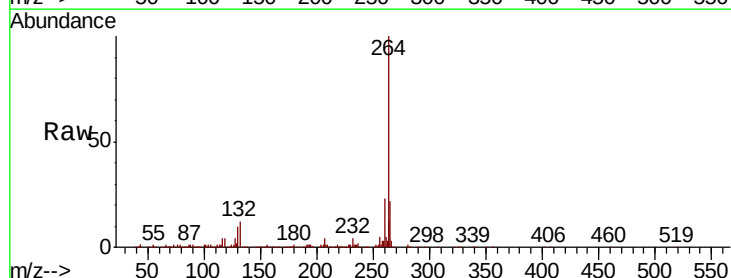
Tgt Ion:264 Resp: 417993

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 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

