

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044991.D
 Acq On : 15 Apr 2020 20:57
 Operator : CG/JU
 Sample : PB128245TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245TB

Quant Time: Apr 16 05:16:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66018	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	278268	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	204126	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	498826	20.00	ng	0.00
76) Chrysene-d12	21.67	240	603807	20.00	ng	0.00
87) Perylene-d12	24.85	264	630522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	598277	149.61	ng	0.00
7) Phenol-d6	7.18	99	846697	142.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	589109	96.60	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	450667	142.91	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1365047	98.06	ng	0.00
79) Terphenyl-d14	20.01	244	2646582	95.53	ng	0.00

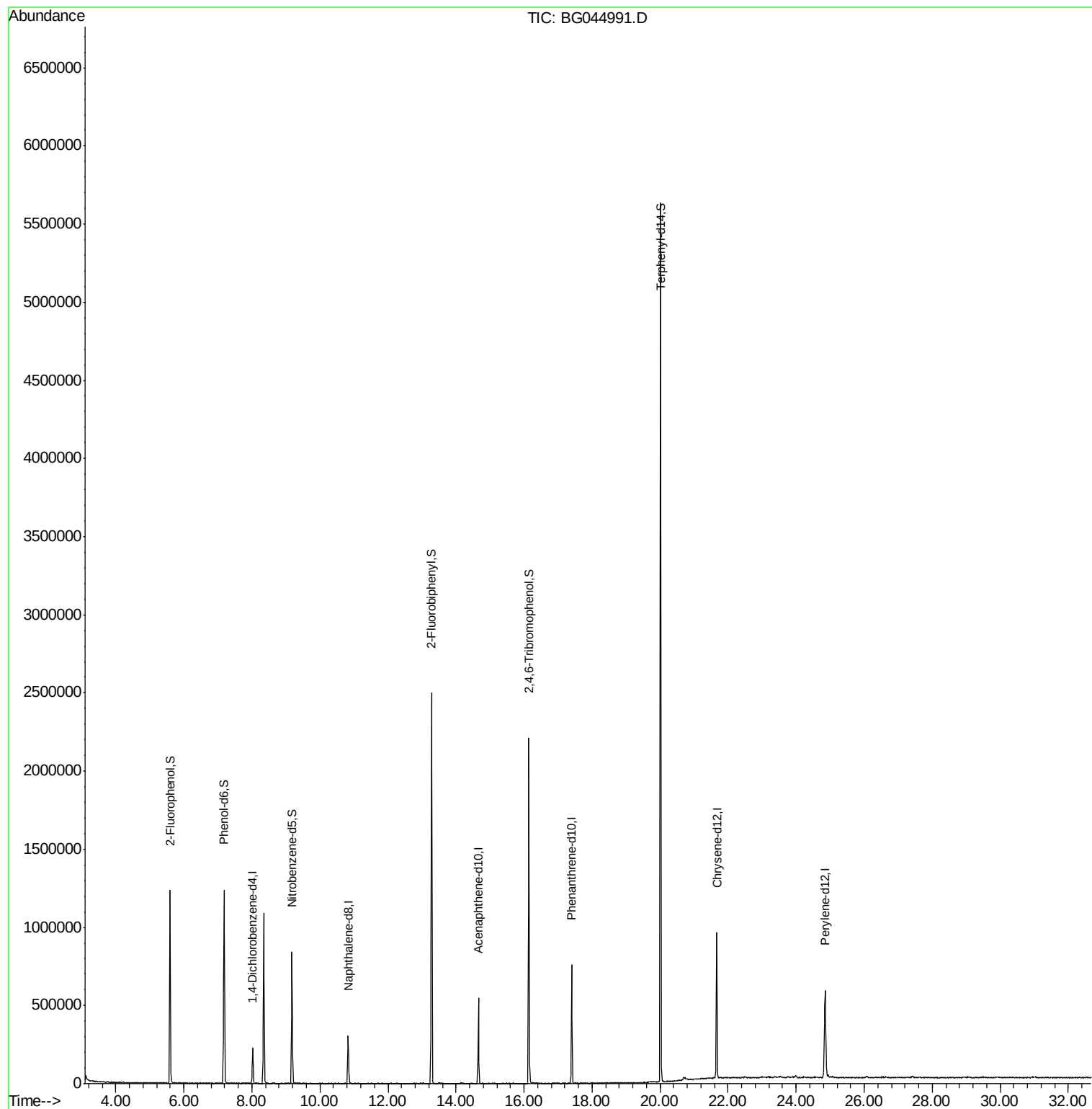
Target Compounds Qvalue

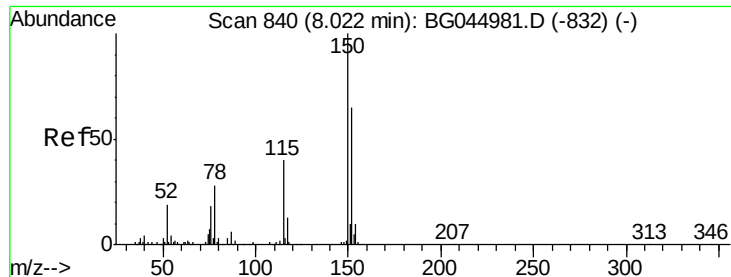
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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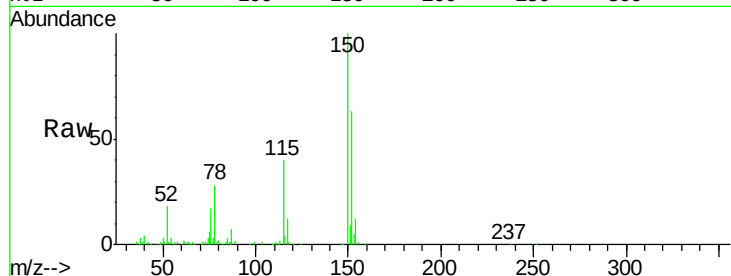


#1

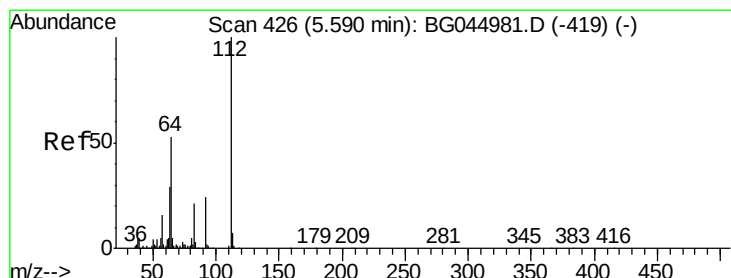
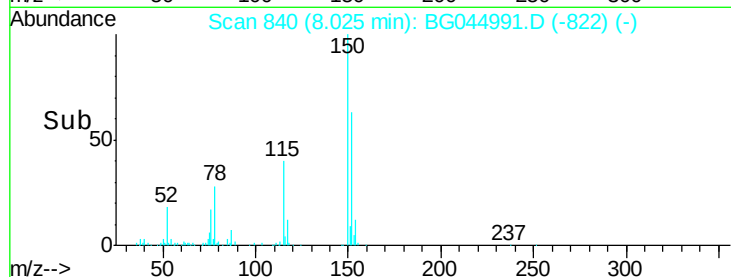
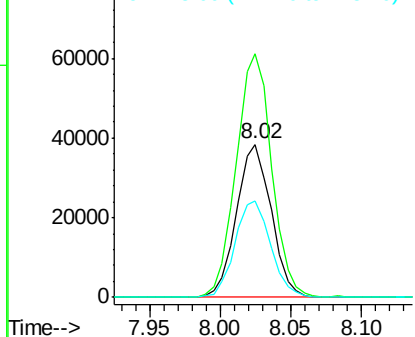
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044991.D
Acq: 15 Apr 2020 20:57

Instrument :
BNA_G
ClientSampleId :
PB128245TB

Tot Ion:152 Resp: 66018
Ion Ratio Lower Upper
152 100
150 159.3 123.6 185.4
115 63.0 49.1 73.7



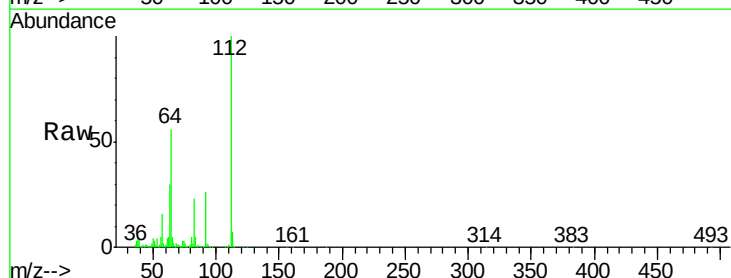
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



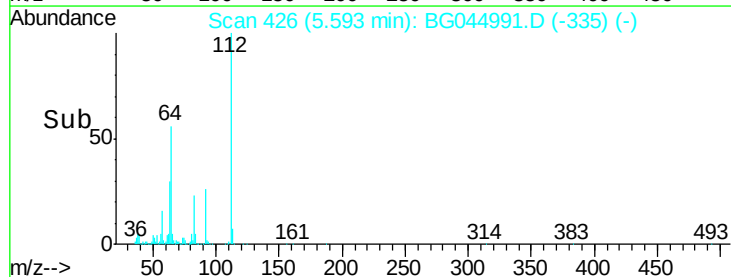
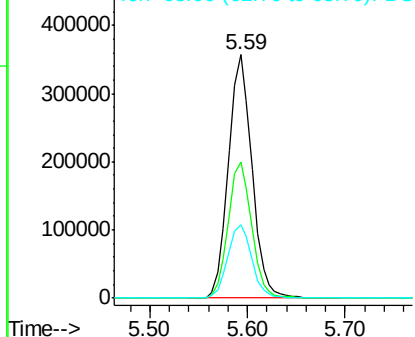
#5

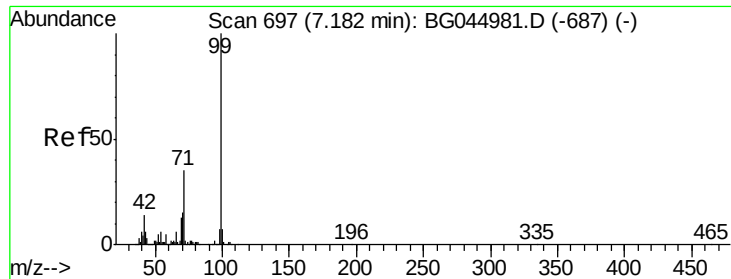
2-Fluorophenol
Concen: 149.614 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044991.D
Acq: 15 Apr 2020 20:57

Tgt Ion:112 Resp: 598277
Ion Ratio Lower Upper
112 100
64 56.1 42.4 63.6
63 30.1 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: 142.512 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

Instrument :

BNA_G

ClientSampleId :

PB128245TB

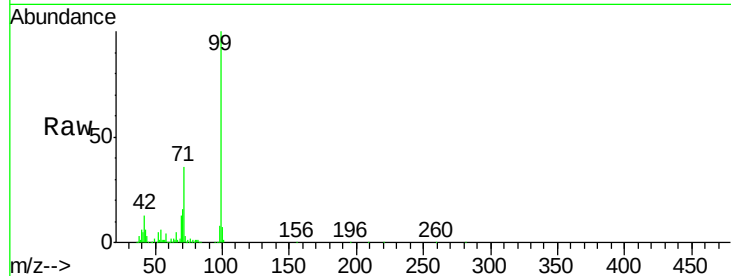
Tot Ion: 99 Resp: 846697

Ion Ratio Lower Upper

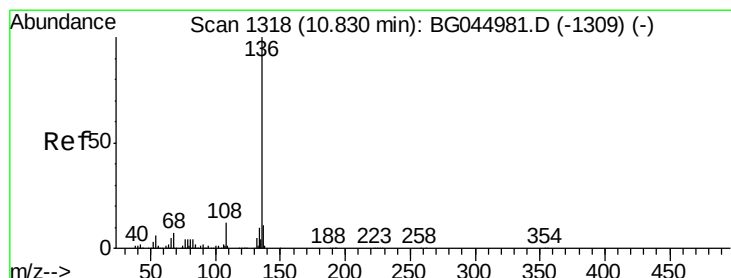
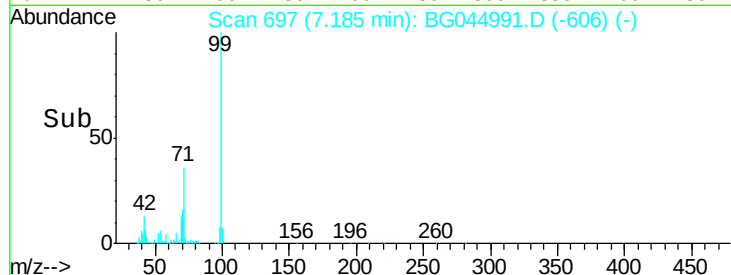
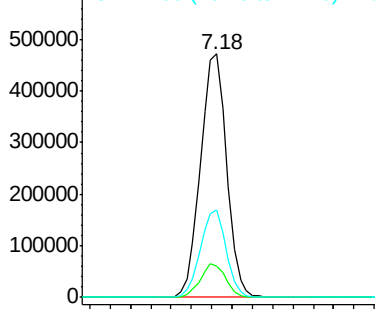
99 100

42 12.6 11.3 16.9

71 35.9 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

Tgt Ion: 136 Resp: 278268

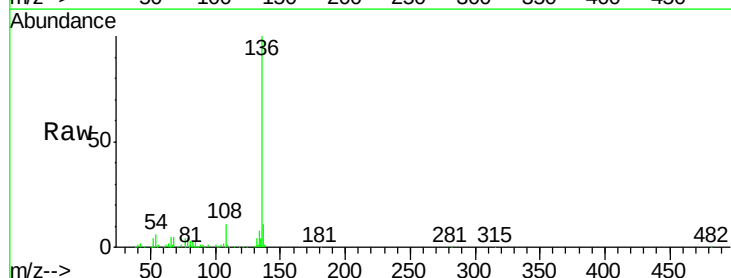
Ion Ratio Lower Upper

136 100

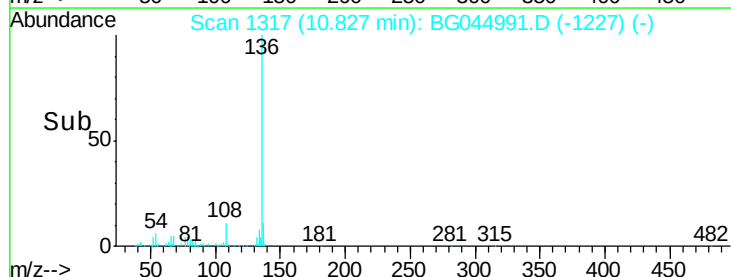
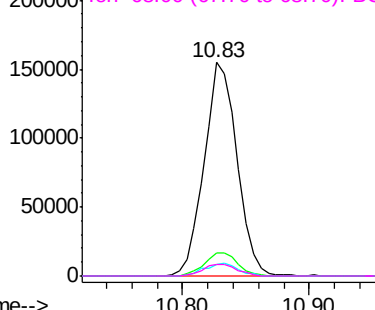
137 10.6 8.6 13.0

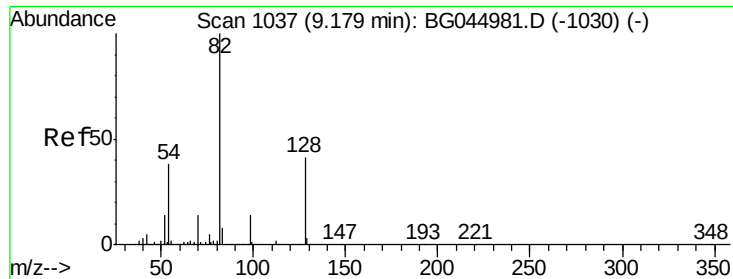
54 5.6 4.8 7.2

68 5.3 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

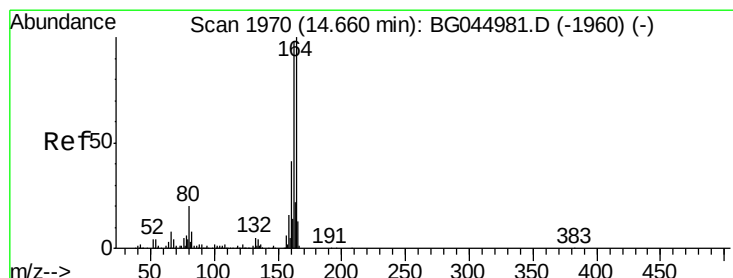
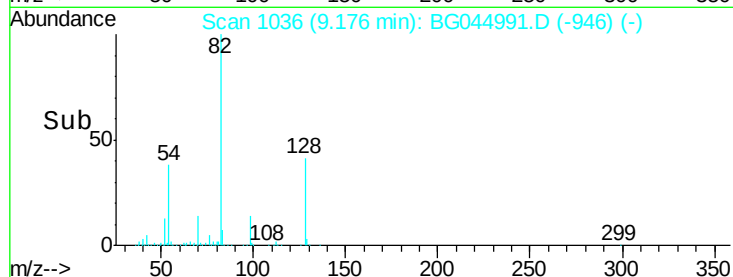
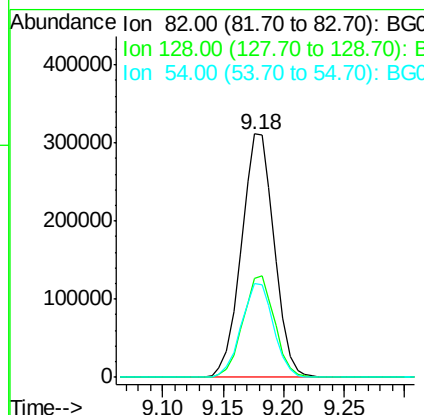
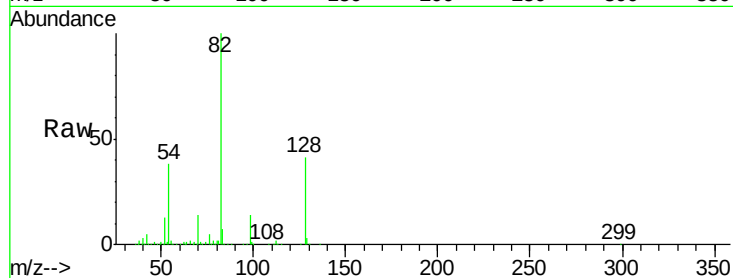




#23
 Nitrobenzene-d5
 Concen: 96.599 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG044991.D
 Acq: 15 Apr 2020 20:57

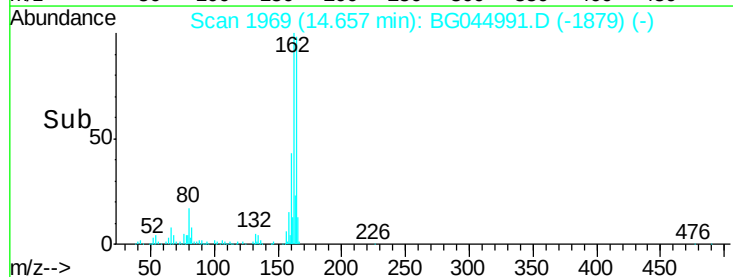
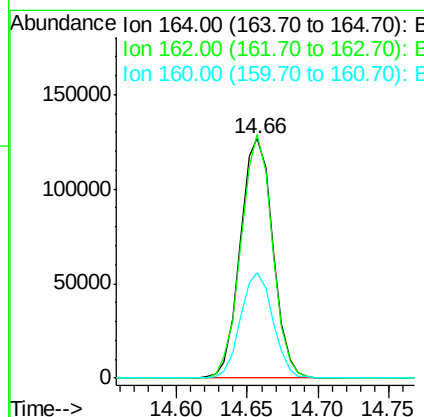
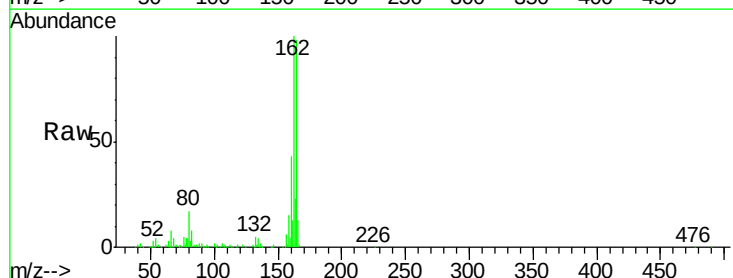
Instrument :
 BNA_G
 ClientSampleId :
 PB128245TB

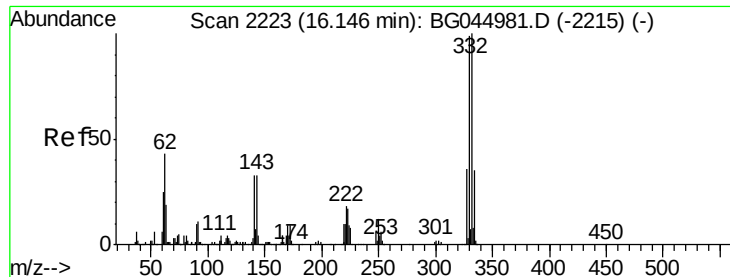
Tot Ion	82	Resp	589109
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	38.4	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044991.D
 Acq: 15 Apr 2020 20:57

Tgt Ion	164	Resp	204126
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.7	118.1
160	44.0	32.8	49.2

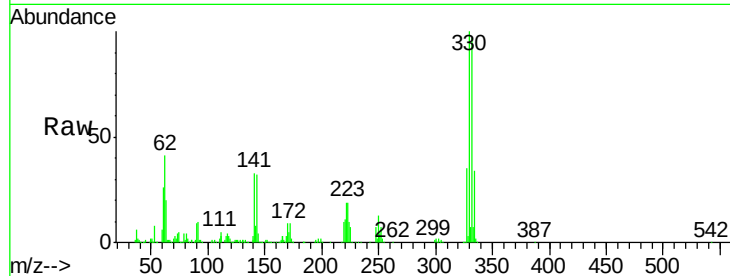




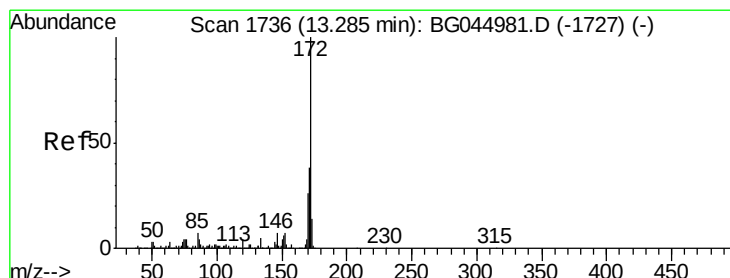
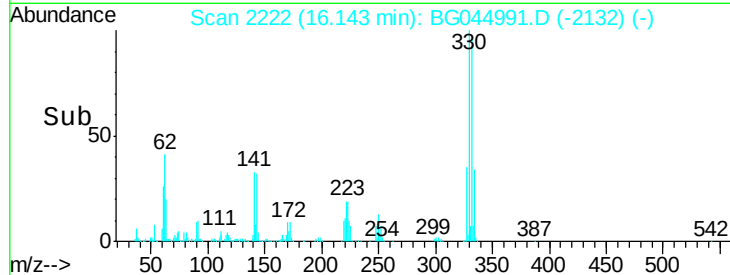
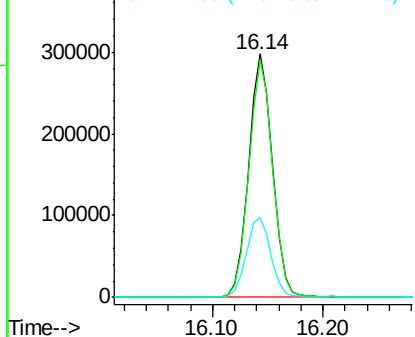
#42
2,4,6-Tribromophenol
Concen: 142.911 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG044991.D
Acq: 15 Apr 2020 20:57

Instrument :
BNA_G
ClientSampleId :
PB128245TB

Tot Ion:330 Resp: 450667
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 33.7 27.1 40.7

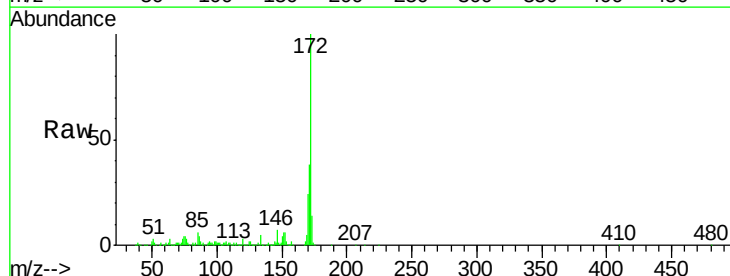


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

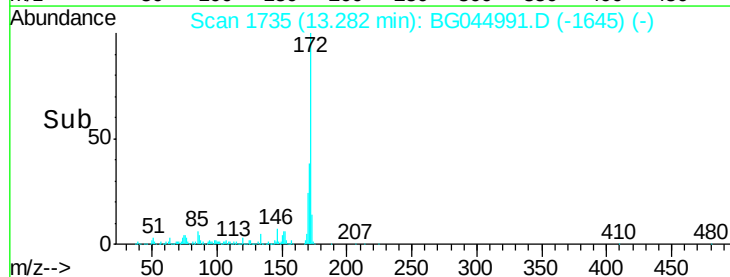
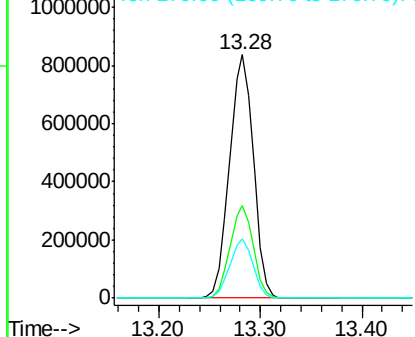


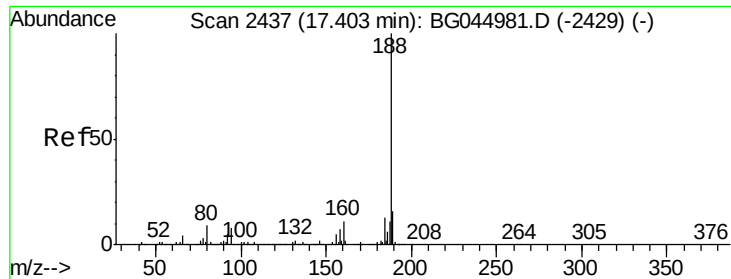
#45
2-Fluorobiphenyl
Concen: 98.057 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044991.D
Acq: 15 Apr 2020 20:57

Tgt Ion:172 Resp: 1365047
Ion Ratio Lower Upper
172 100
171 38.0 30.6 46.0
170 24.3 20.5 30.7



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

Instrument :

BNA_G

ClientSampleId :

PB128245TB

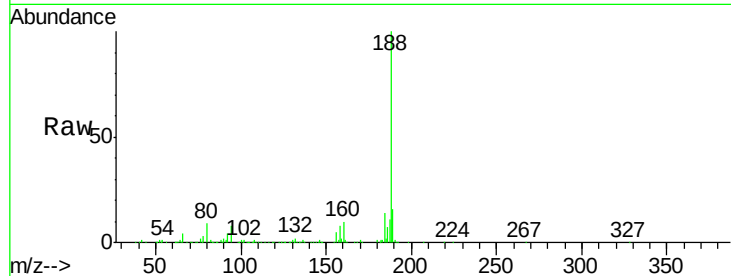
Tot Ion:188 Resp: 498826

Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.4

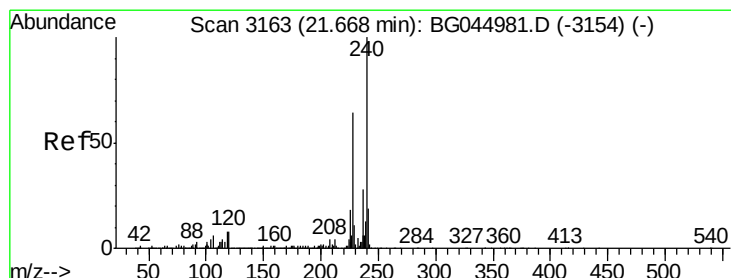
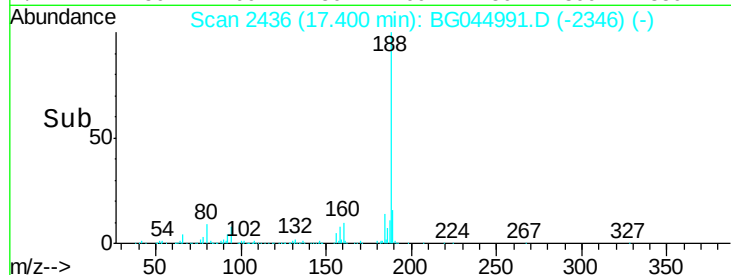
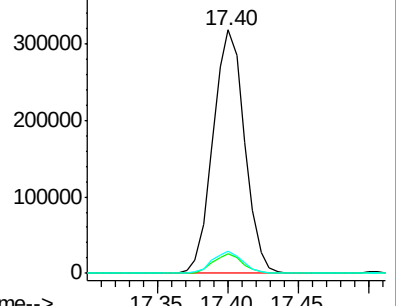
80 8.9 7.0 10.6



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

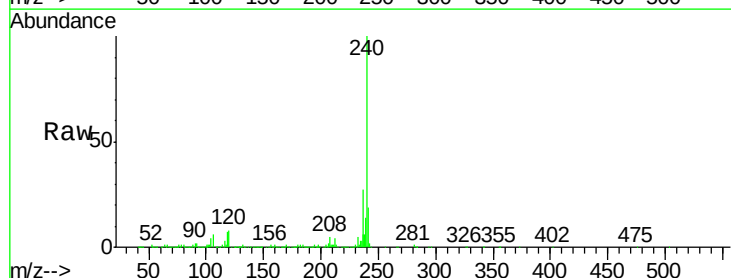
Tgt Ion:240 Resp: 603807

Ion Ratio Lower Upper

240 100

120 7.6 6.6 10.0

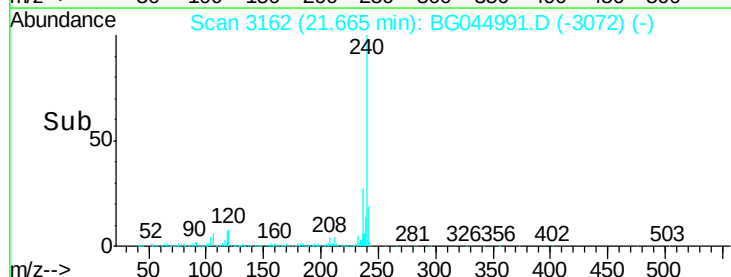
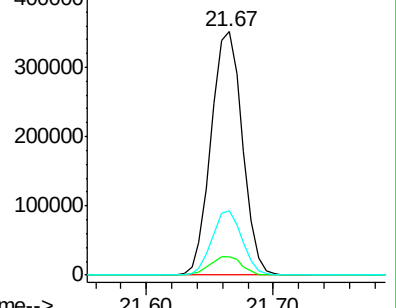
236 26.6 22.2 33.2

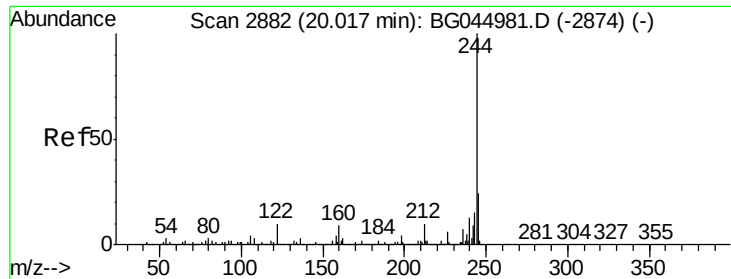


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.534 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

Instrument :

BNA_G

ClientSampleId :

PB128245TB

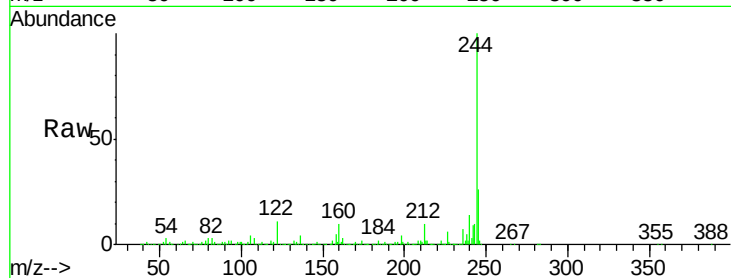
Tot Ion:244 Resp: 2646582

Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

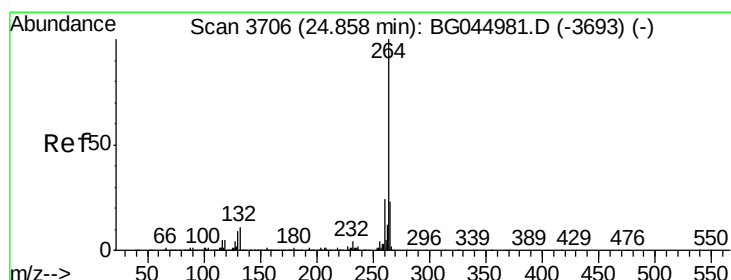
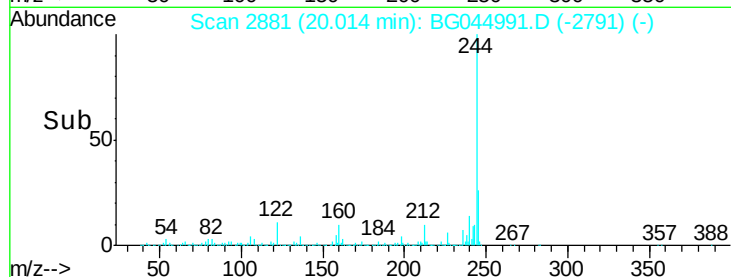
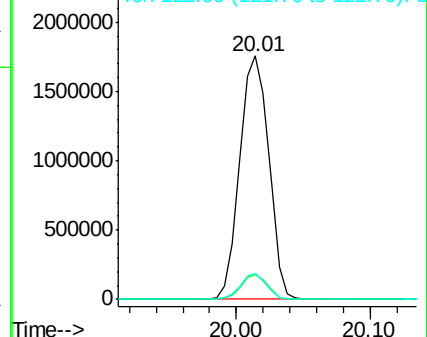
122 10.5 7.7 11.5



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG044991.D

Acq: 15 Apr 2020 20:57

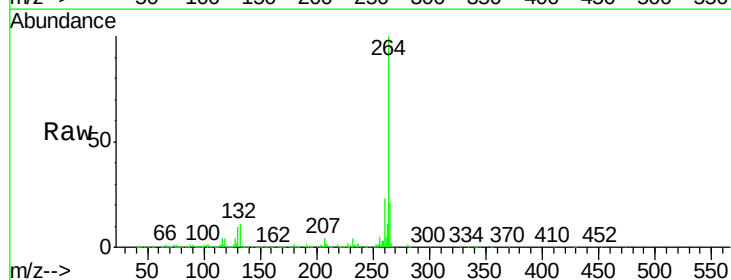
Tgt Ion:264 Resp: 630522

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

