

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045296.D
 Acq On : 11 May 2020 14:44
 Operator : CG/JU
 Sample : L2495-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720

Quant Time: May 11 15:29:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

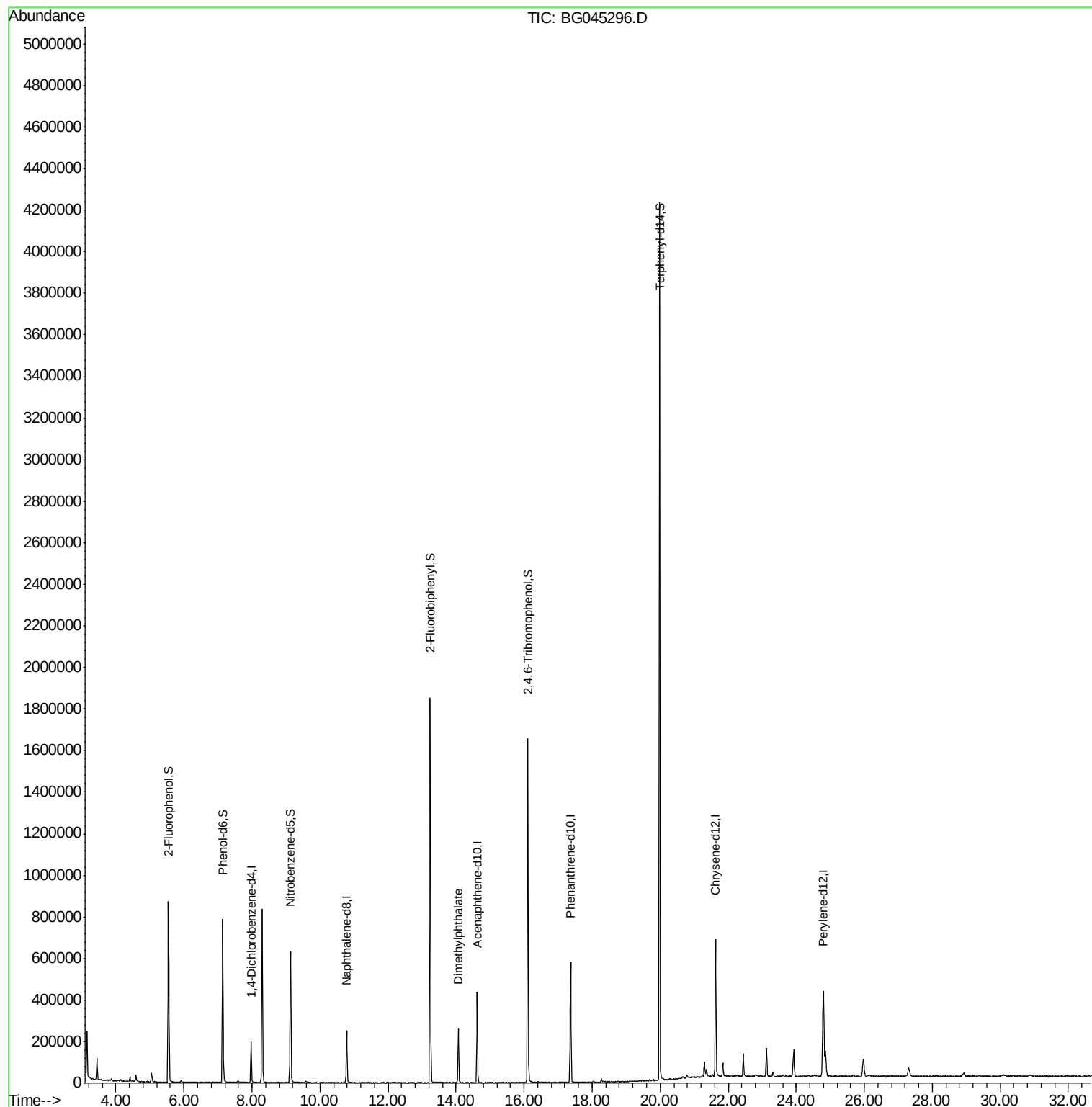
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	58931	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	228221	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	160117	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	392502	20.00	ng	0.00
76) Chrysene-d12	21.63	240	437684	20.00	ng	0.00
87) Perylene-d12	24.79	264	465460	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	417735	117.03	ng	0.00
7) Phenol-d6	7.14	99	527546	99.47	ng	0.00
23) Nitrobenzene-d5	9.13	82	442555	88.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	340955	137.84	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1020680	93.47	ng	0.00
79) Terphenyl-d14	19.98	244	2044423	101.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	179652	13.78	ng	Qvalue 99

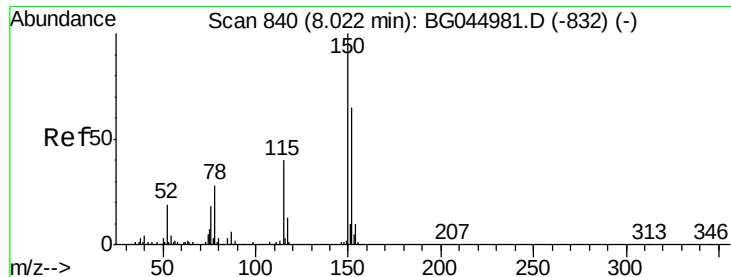
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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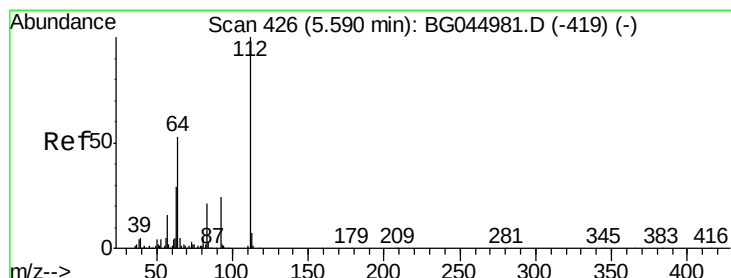
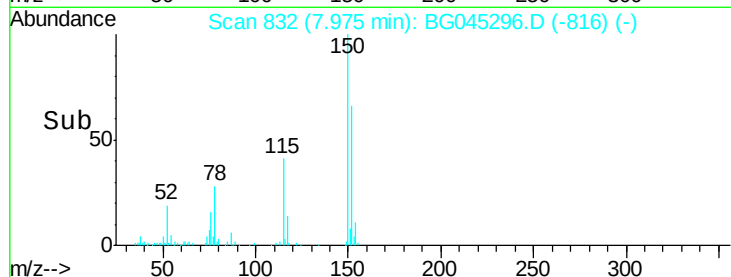
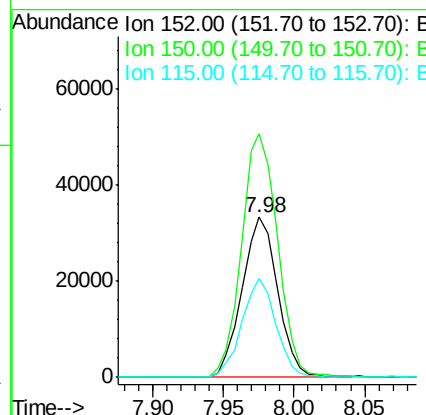
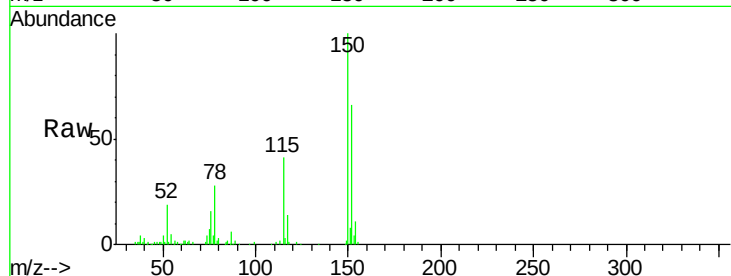


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045296.D
Acq: 11 May 2020 14:44

Instrument :
BNA_G
ClientSampleId :
HR-05-050720

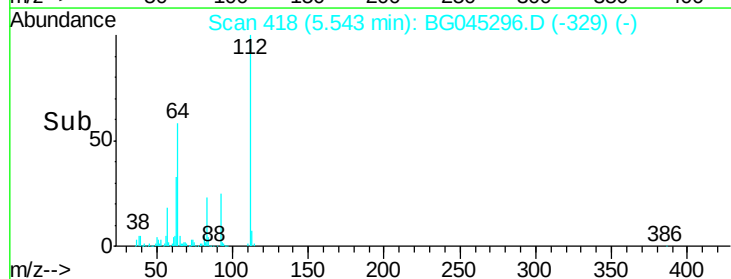
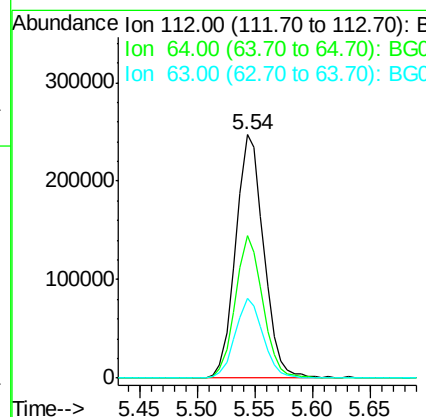
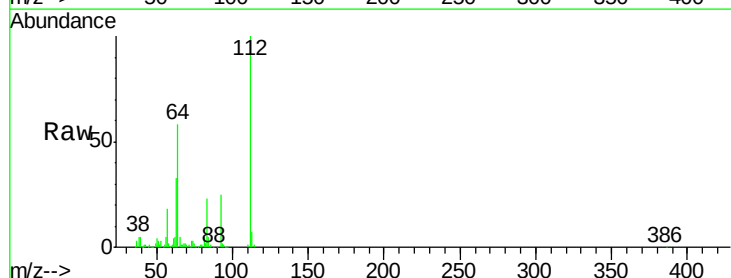
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.6	185.4
115	62.0	49.1	73.7

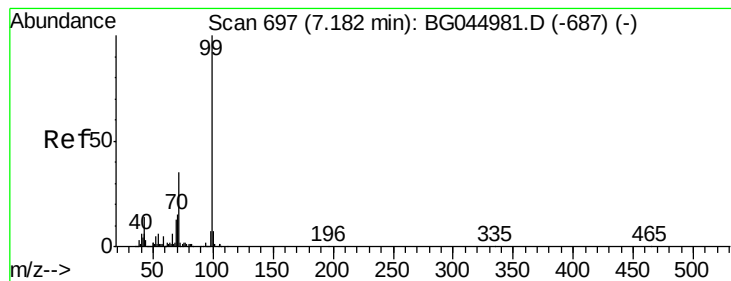


#5

2-Fluorophenol
Concen: 117.03 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045296.D
Acq: 11 May 2020 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.4	63.6
63	32.7	23.1	34.7





#7

Phenol-d6

Concen: 99.47 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

Instrument :

BNA_G

ClientSampleId :

HR-05-050720

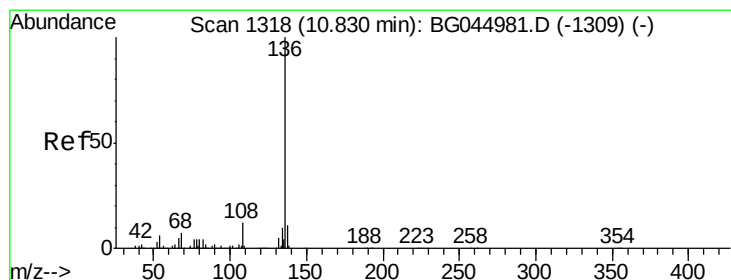
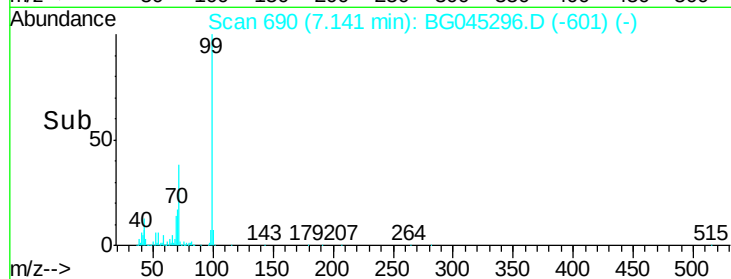
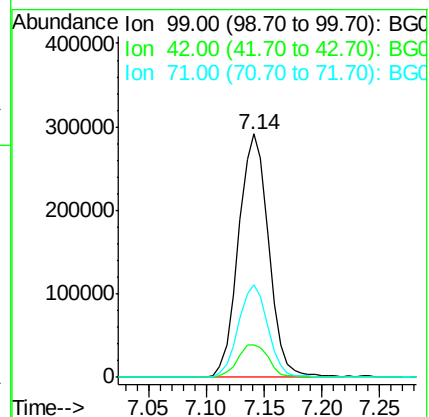
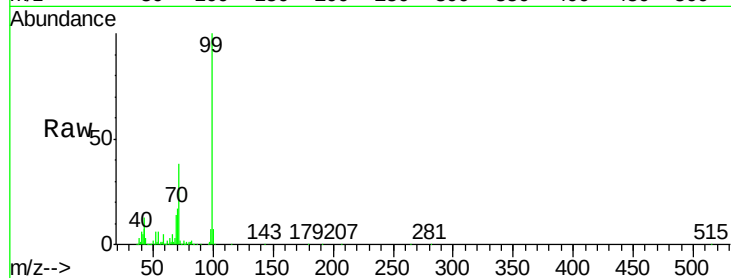
Tgt Ion: 99 Resp: 527546

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

71 38.0 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

Tgt Ion: 136 Resp: 228221

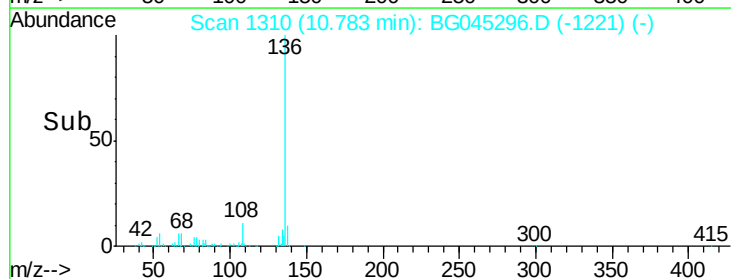
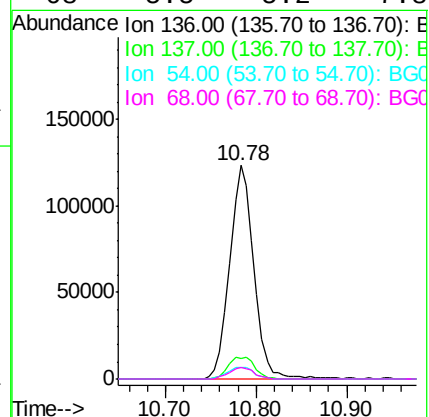
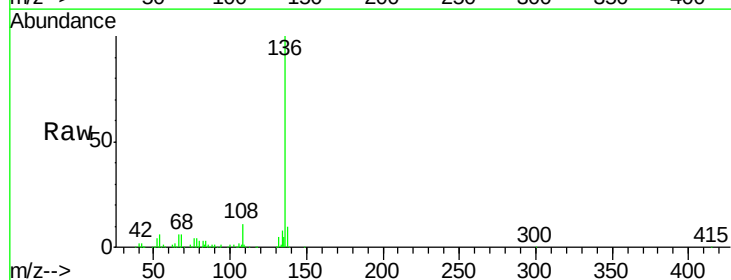
Ion Ratio Lower Upper

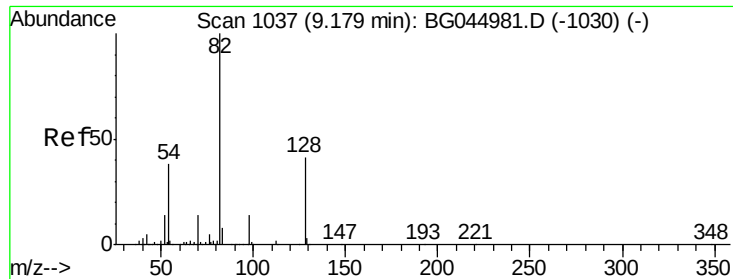
136 100

137 9.8 8.6 13.0

54 5.7 4.8 7.2

68 5.5 5.2 7.8

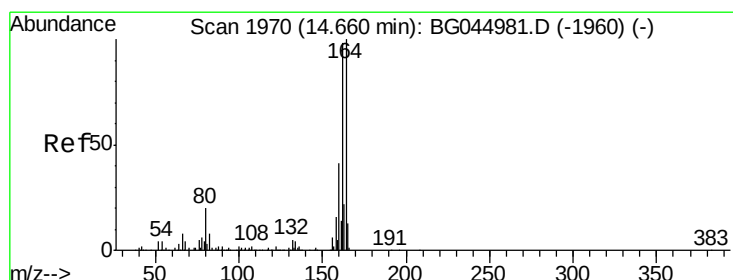
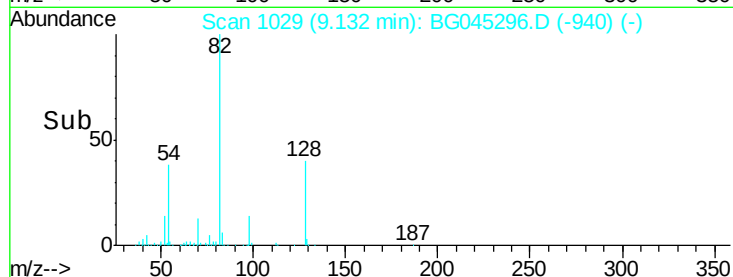
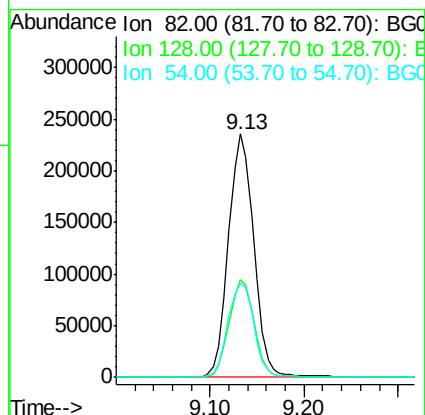
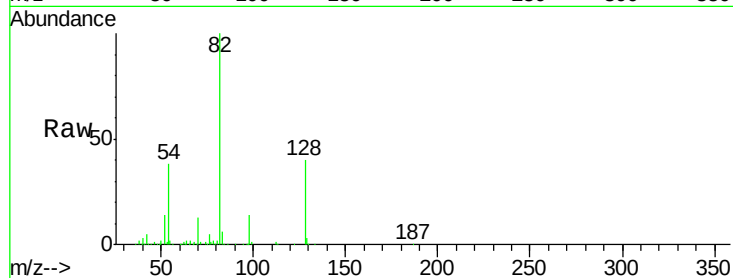




#23
 Nitrobenzene-d5
 Concen: 88.48 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045296.D
 Acq: 11 May 2020 14:44

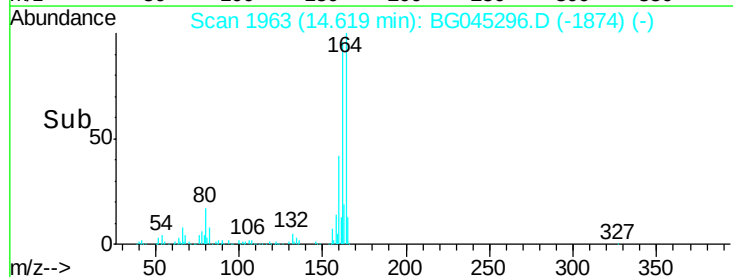
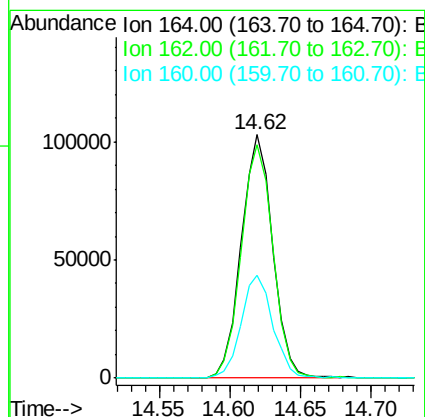
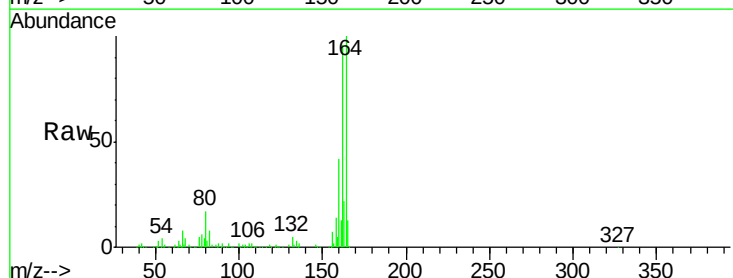
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720

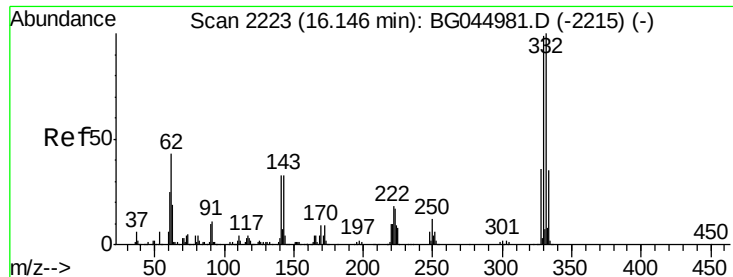
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	38.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG045296.D
 Acq: 11 May 2020 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	78.7	118.1
160	42.0	32.8	49.2

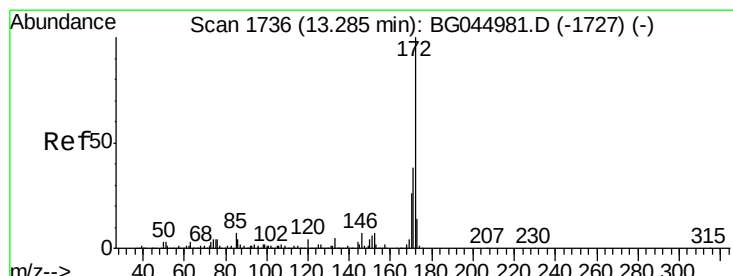
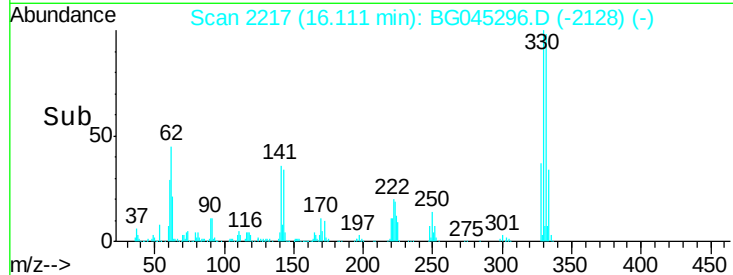
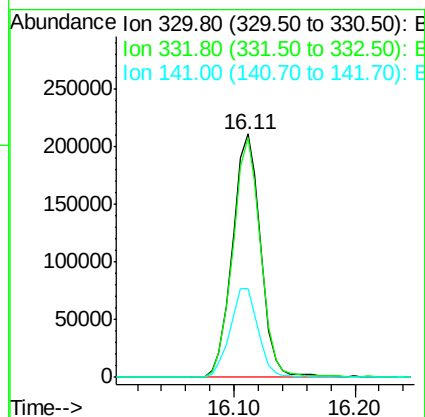
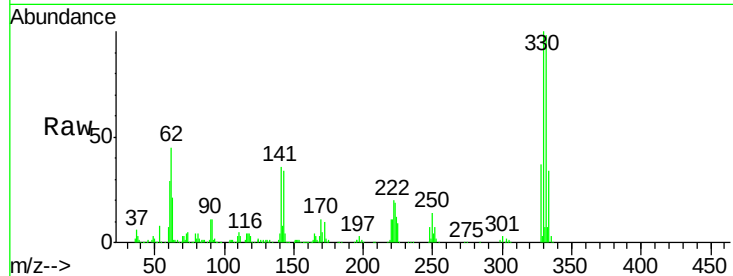




#42
2,4,6-Tribromophenol
Concen: 137.84 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045296.D
Acq: 11 May 2020 14:44

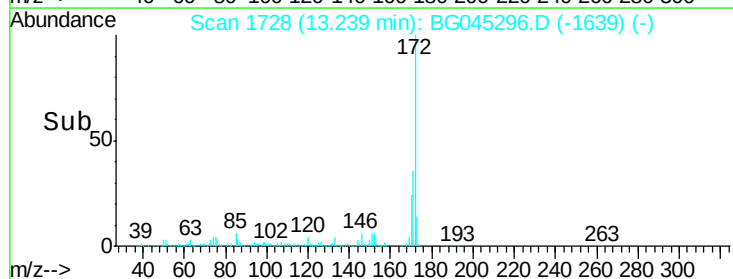
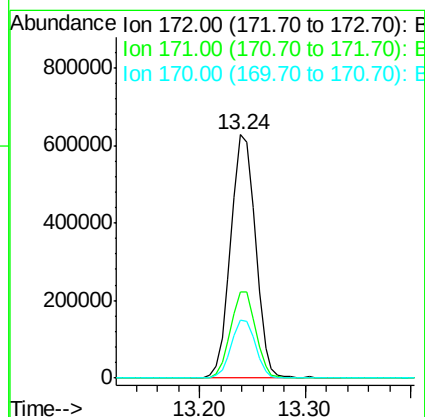
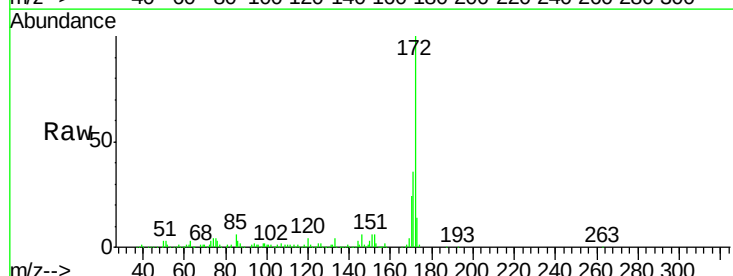
Instrument :
BNA_G
ClientSampleId :
HR-05-050720

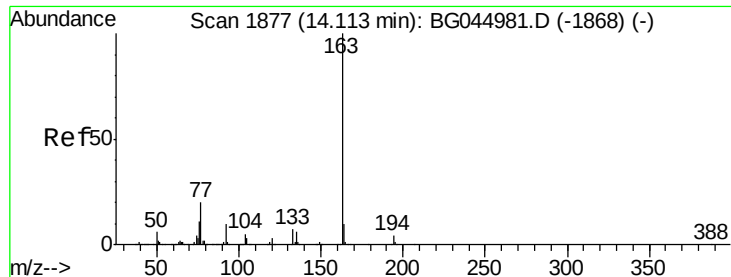
Tgt Ion:330 Resp: 340955
Ion Ratio Lower Upper
330 100
332 97.9 79.1 118.7
141 36.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 93.47 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045296.D
Acq: 11 May 2020 14:44

Tgt Ion:172 Resp: 1020680
Ion Ratio Lower Upper
172 100
171 35.6 30.6 46.0
170 23.9 20.5 30.7





#50

Dimethylphthalate

Concen: 13.78 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

Instrument :

BNA_G

ClientSampleId :

HR-05-050720

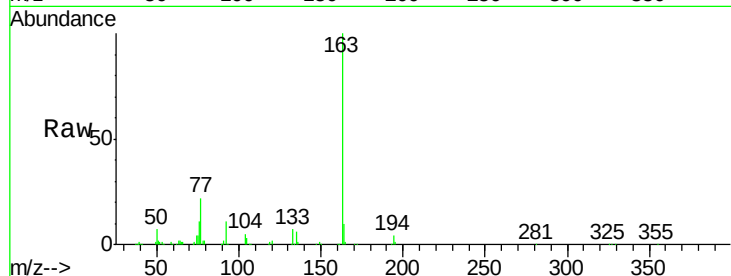
Tgt Ion:163 Resp: 179652

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

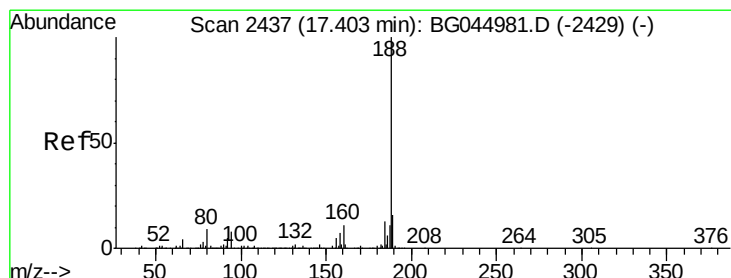
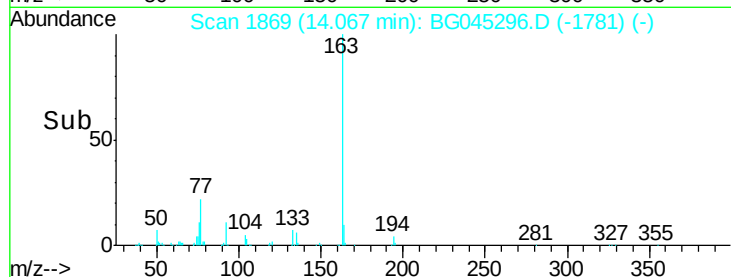
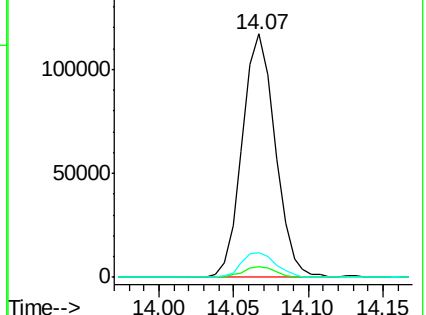
164 9.9 8.2 12.4



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: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

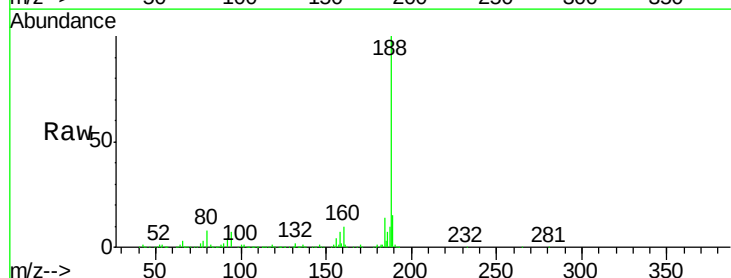
Tgt Ion:188 Resp: 392502

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

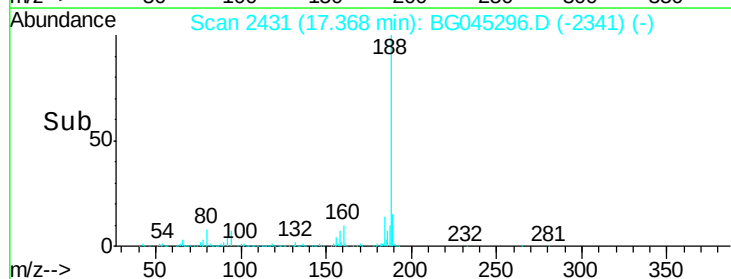
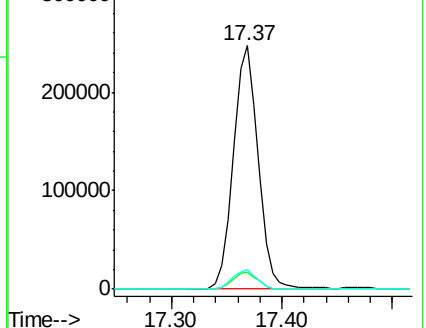
80 7.9 7.0 10.6

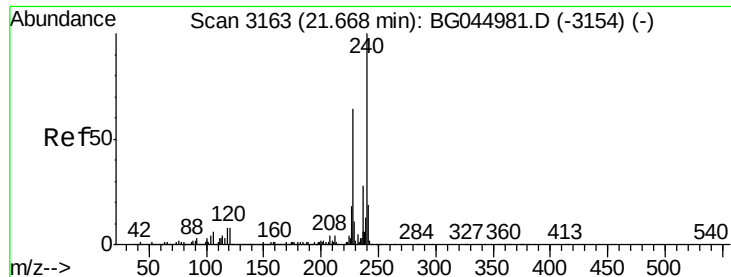


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

Instrument :

BNA_G

ClientSampleId :

HR-05-050720

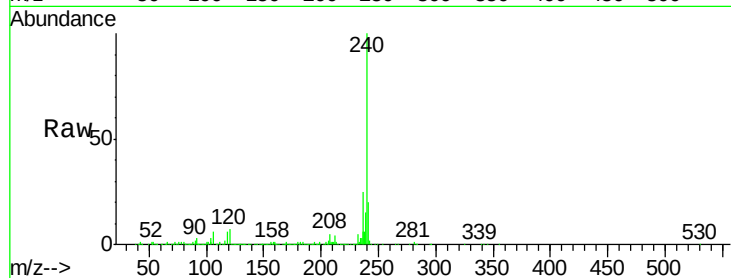
Tgt Ion:240 Resp: 437684

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

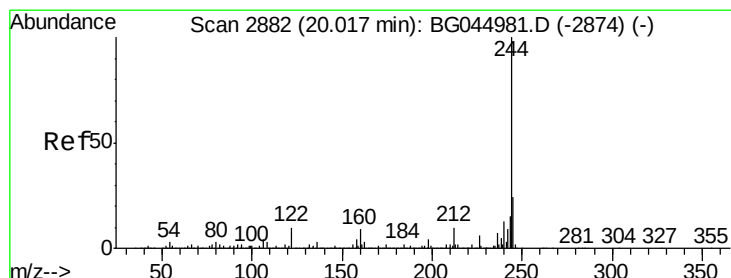
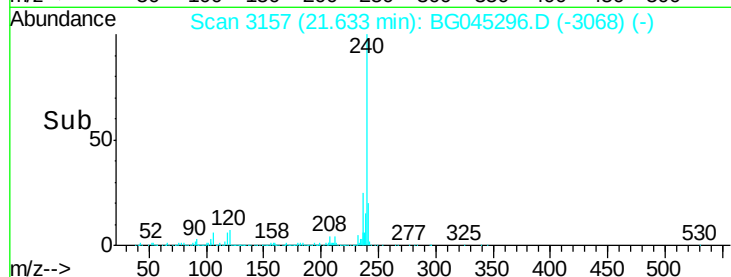
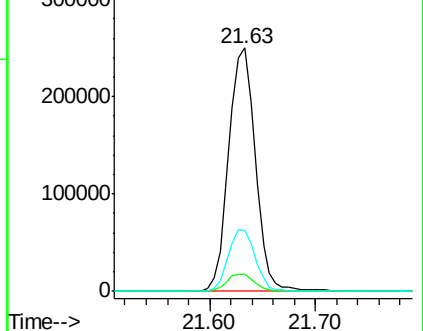
236 25.0 22.2 33.2



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: 101.81 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045296.D

Acq: 11 May 2020 14:44

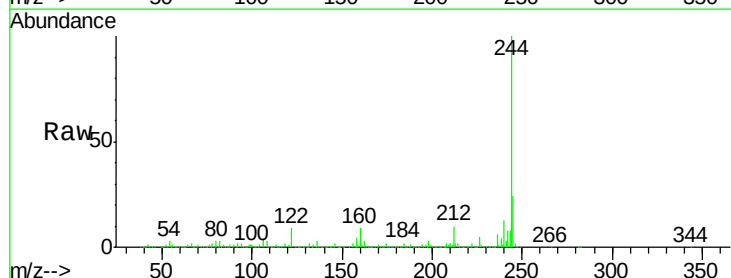
Tgt Ion:244 Resp: 2044423

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

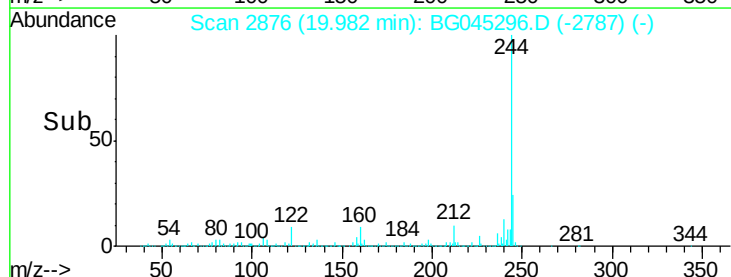
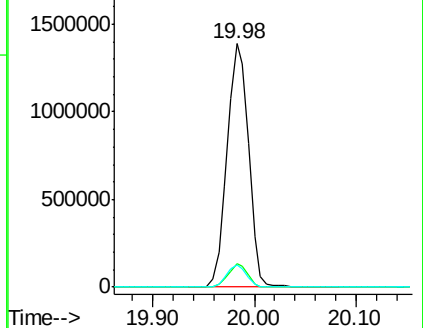
122 9.2 7.7 11.5

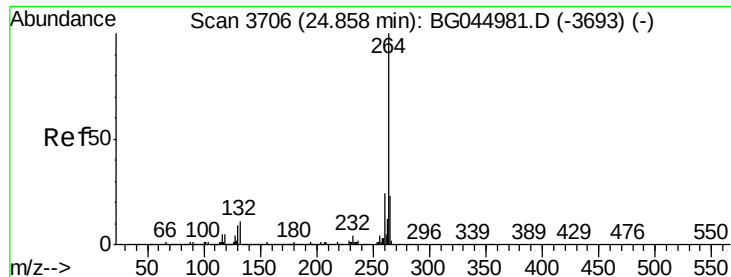


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045296.D
Acq: 11 May 2020 14:44

Instrument :
BNA_G
ClientSampleId :
HR-05-050720

Tgt Ion:	264	Resp:	465460
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	19.0	28.4

