

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
 Data File : BG045258.D
 Acq On : 6 May 2020 18:19
 Operator : CG/JU
 Sample : L2491-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6FT-TP-10

Quant Time: May 06 19:09:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

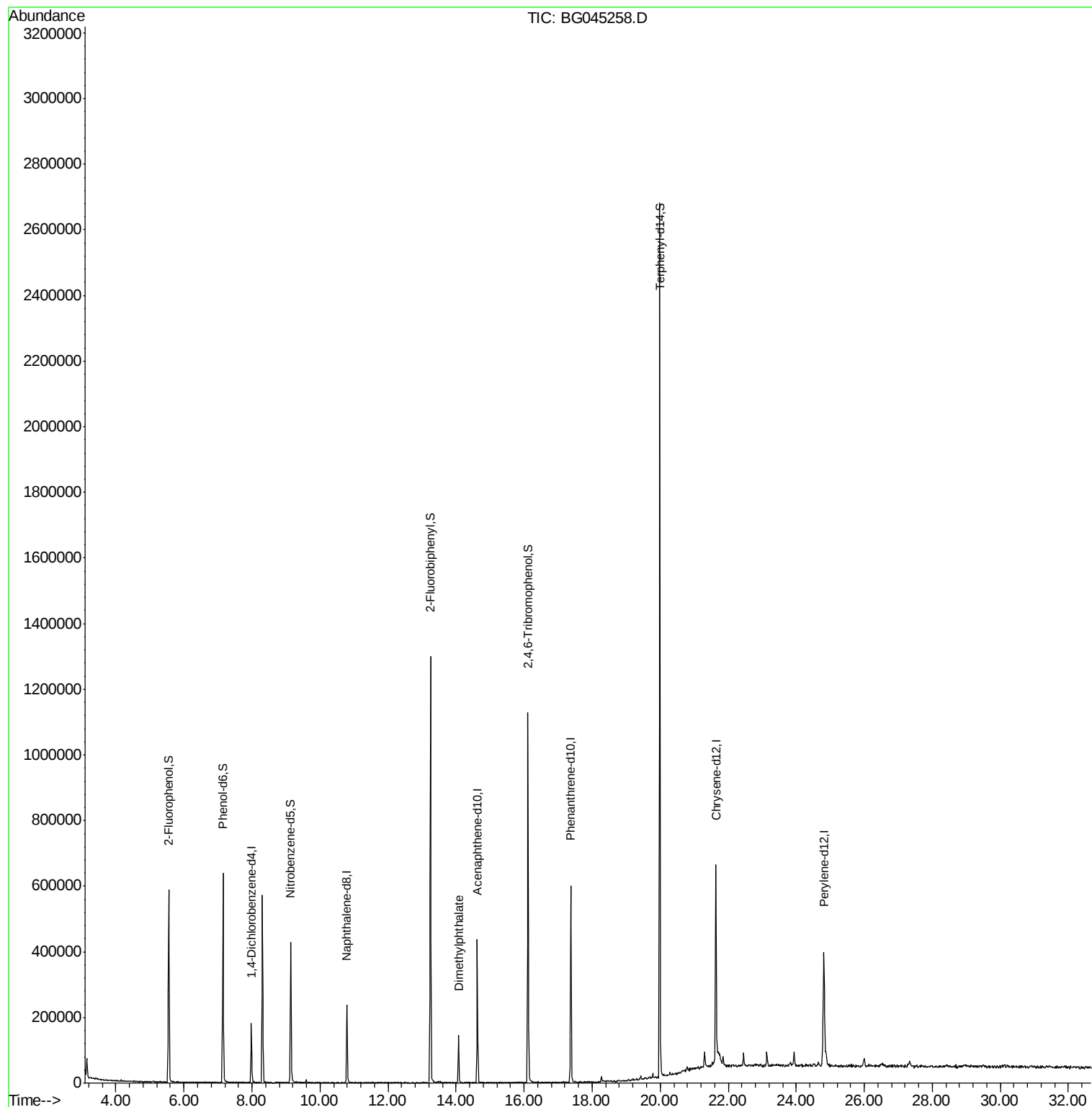
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	55322	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	219980	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	165316	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	396428	20.00	ng	0.00
76) Chrysene-d12	21.64	240	376564	20.00	ng	0.00
87) Perylene-d12	24.81	264	399395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	291654	87.04	ng	0.00
7) Phenol-d6	7.15	99	420523	84.47	ng	0.00
23) Nitrobenzene-d5	9.14	82	302893	62.83	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	239108	93.62	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	746160	66.18	ng	0.00
79) Terphenyl-d14	19.99	244	1324099	76.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	99010	7.355	ng	99

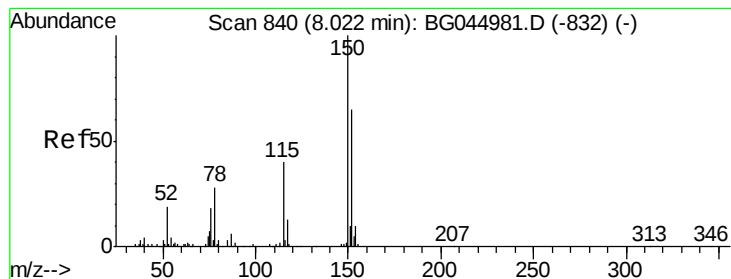
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045258.D

Acq: 6 May 2020 18:19

Instrument :

BNA_G

ClientSampleId :

6FT-TP-10

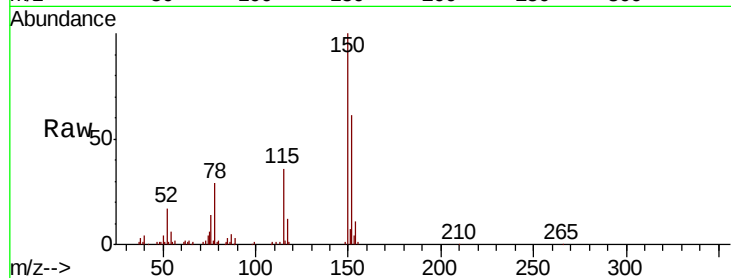
Tot Ion:152 Resp: 55322

Ion Ratio Lower Upper

152 100

150 165.0 123.6 185.4

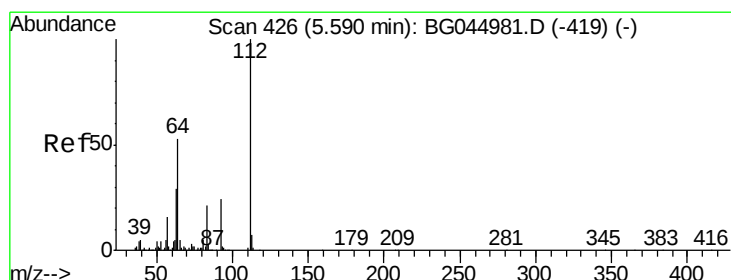
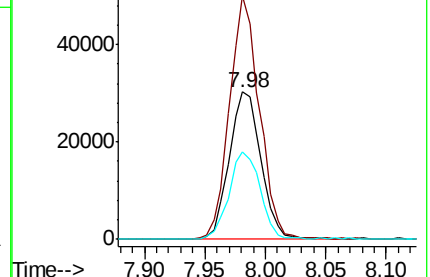
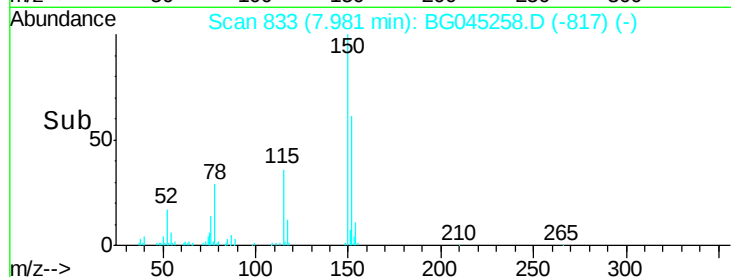
115 59.2 49.1 73.7



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: 87.037 ng

RT: 5.55 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045258.D

Acq: 6 May 2020 18:19

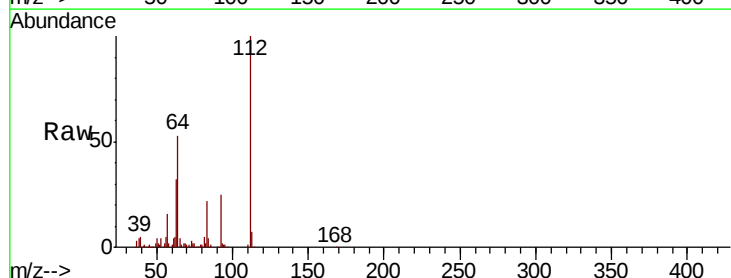
Tgt Ion:112 Resp: 291654

Ion Ratio Lower Upper

112 100

64 52.8 42.4 63.6

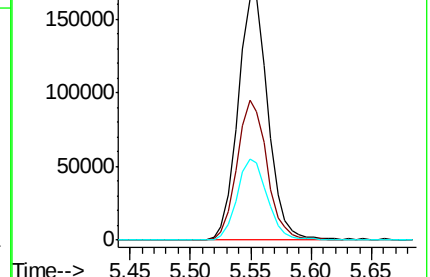
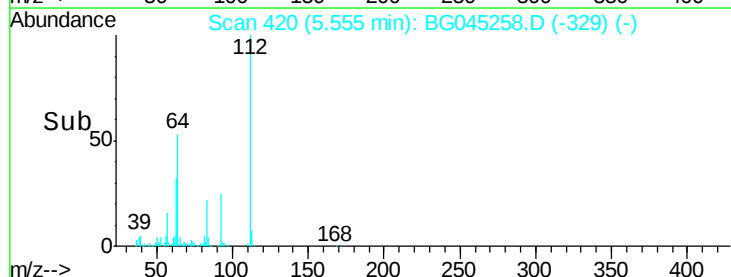
63 31.6 23.1 34.7

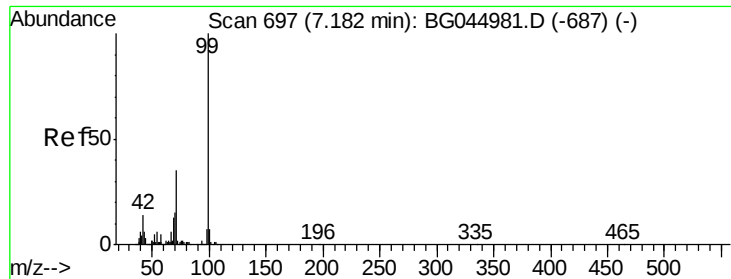


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 84.465 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045258.D

Acq: 6 May 2020 18:19

Instrument :

BNA_G

ClientSampleId :

6FT-TP-10

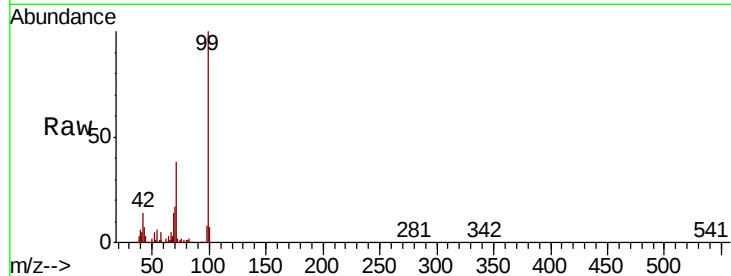
Tot Ion: 99 Resp: 420523

Ion Ratio Lower Upper

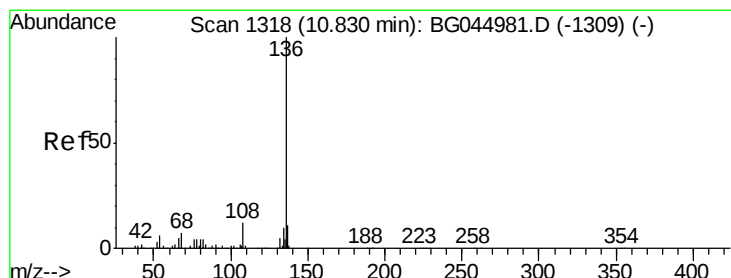
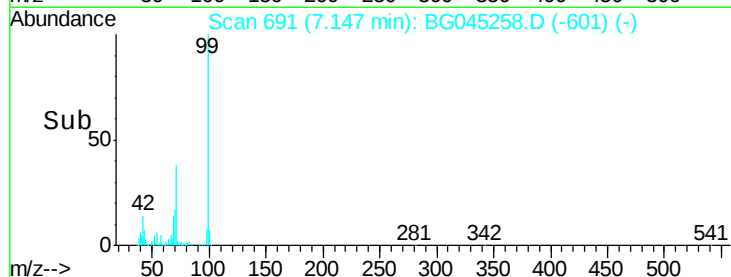
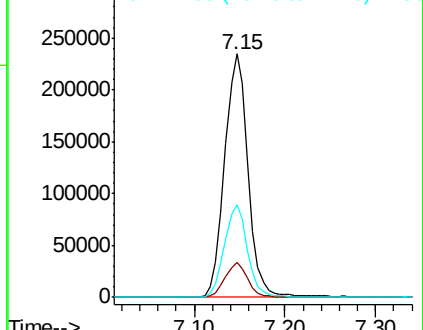
99 100

42 14.2 11.3 16.9

71 38.2 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: BG045258.D

Acq: 6 May 2020 18:19

Tgt Ion: 136 Resp: 219980

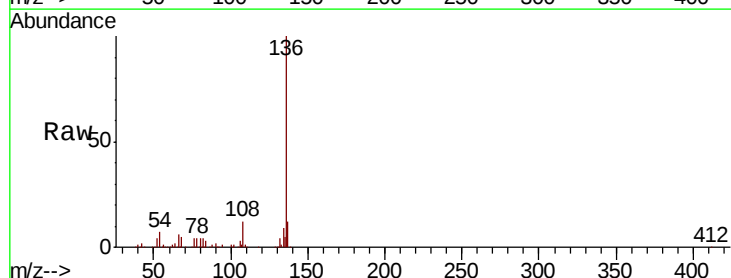
Ion Ratio Lower Upper

136 100

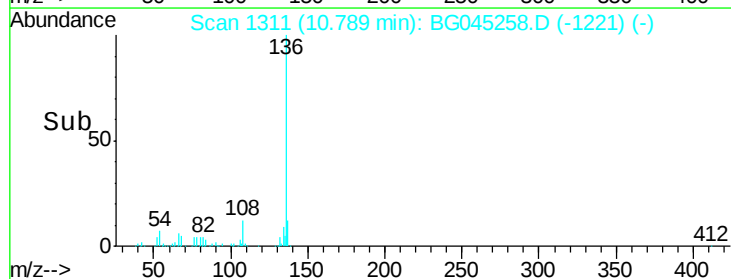
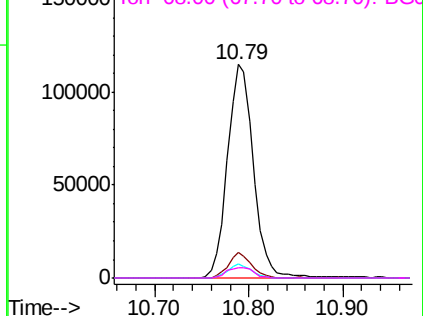
137 11.9 8.6 13.0

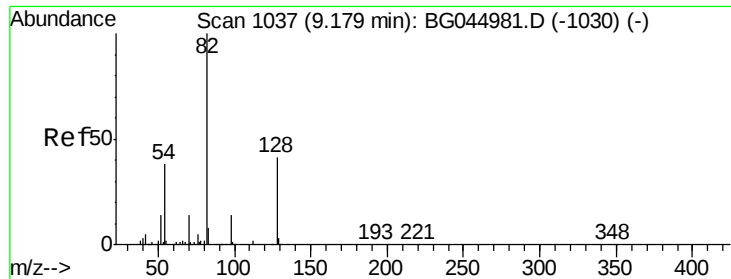
54 6.6 4.8 7.2

68 4.7 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

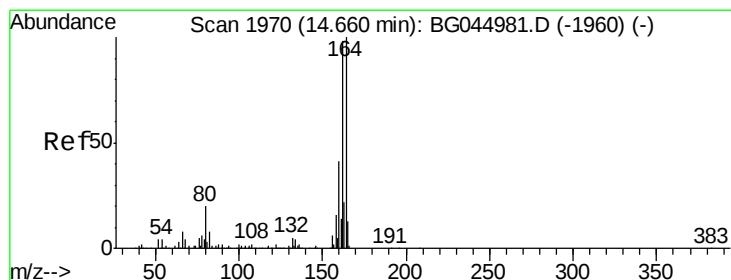
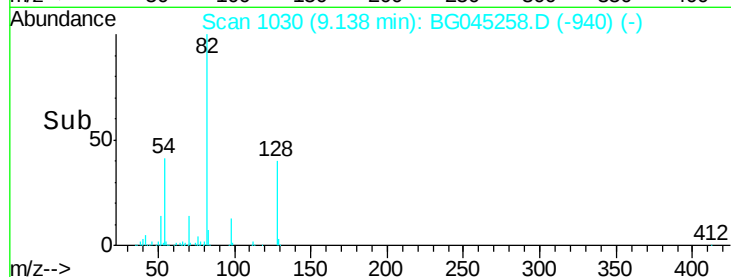
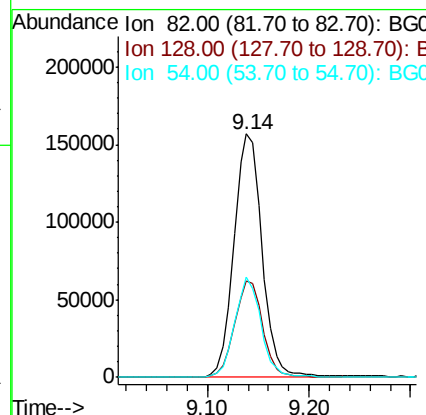
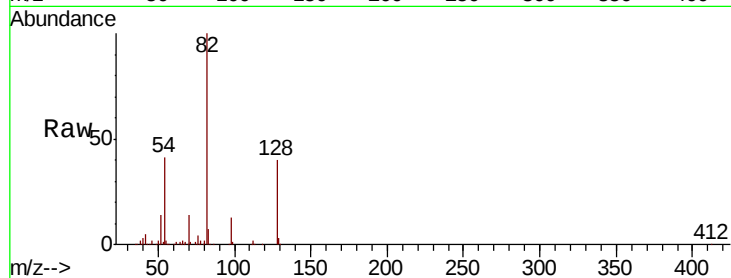




#23
 Nitrobenzene-d5
 Concen: 62.827 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG045258.D
 Acq: 6 May 2020 18:19

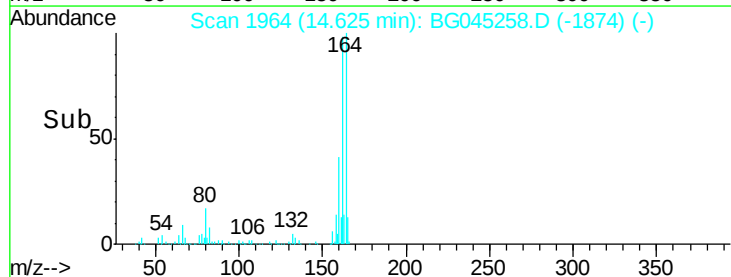
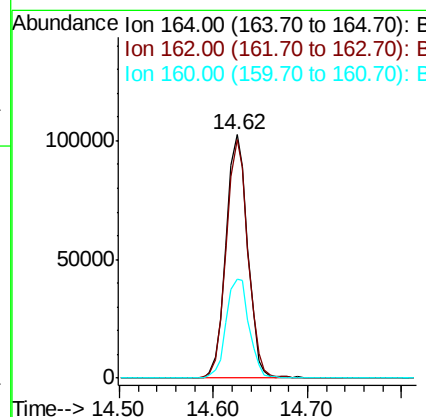
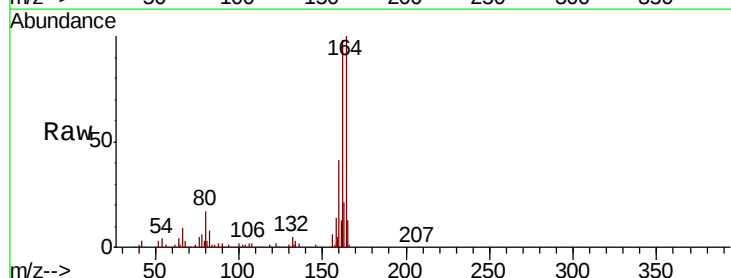
Instrument :
 BNA_G
 ClientSampleId :
 6FT-TP-10

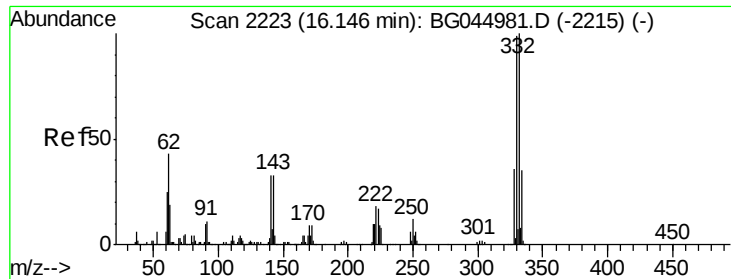
Tot Ion	82	Resp	302893
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.0	49.4
54	41.3	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG045258.D
 Acq: 6 May 2020 18:19

Tgt Ion	164	Resp	165316
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.7	118.1
160	40.9	32.8	49.2

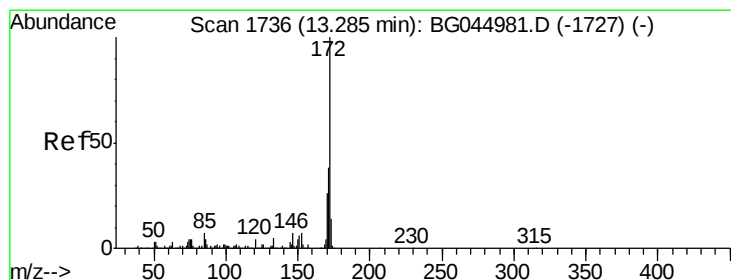
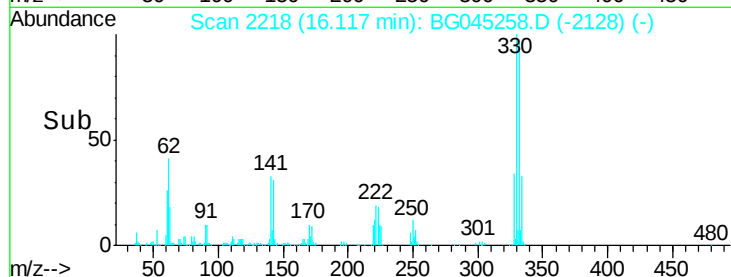
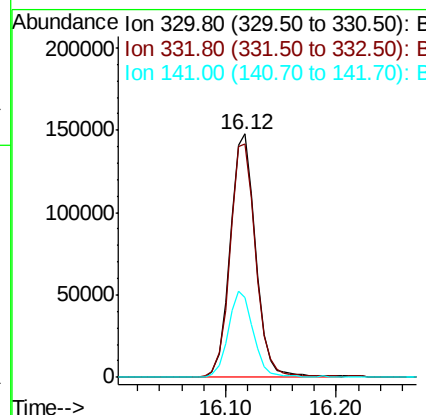
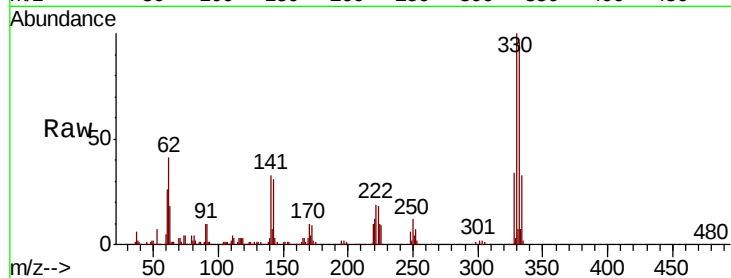




#42
2,4,6-Tribromophenol
Concen: 93.624 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

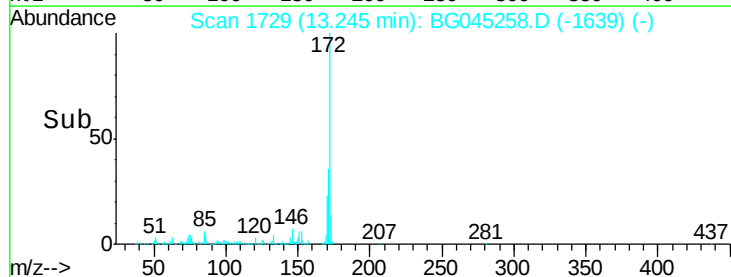
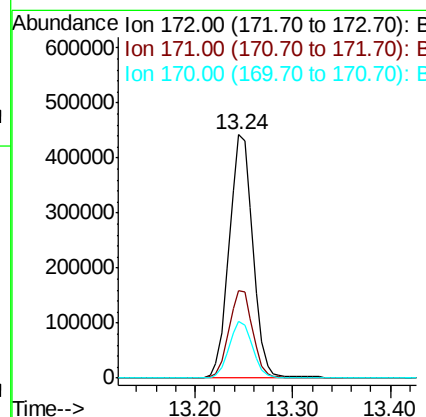
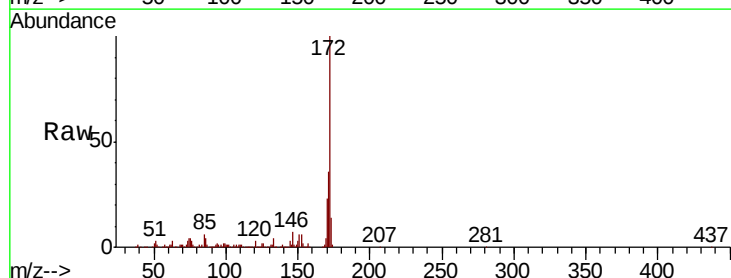
Instrument :
BNA_G
ClientSampleId :
6FT-TP-10

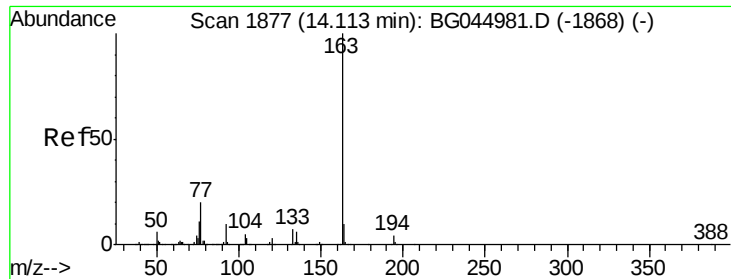
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.7	27.1	40.7



#45
2-Fluorobiphenyl
Concen: 66.183 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	23.1	20.5	30.7

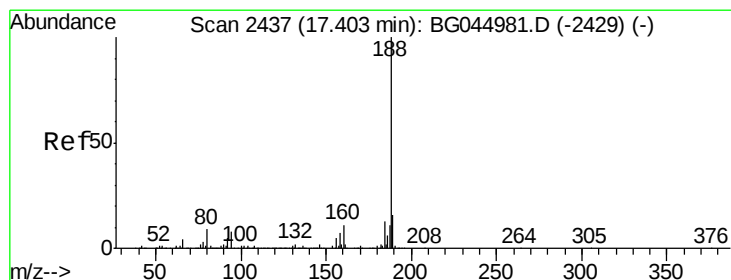
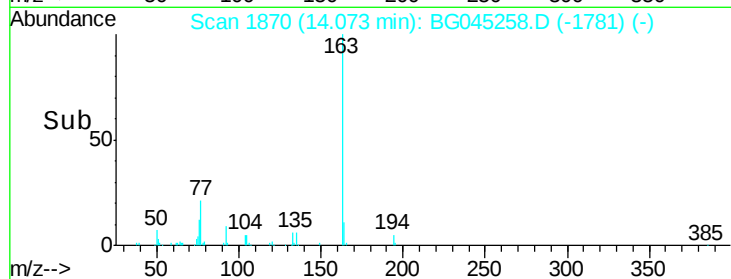
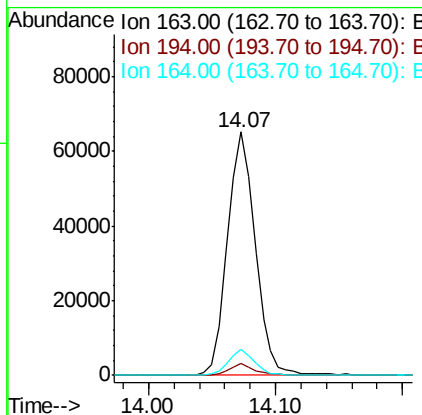
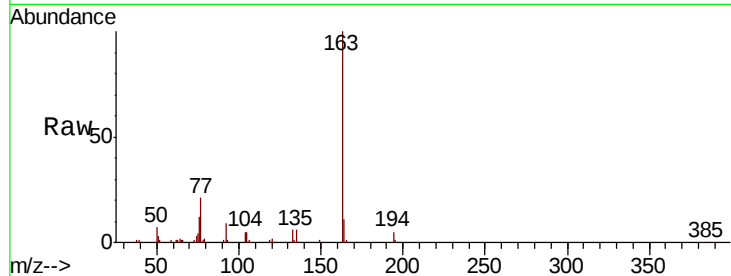




#50
Dimethylphthalate
Concen: 7.355 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

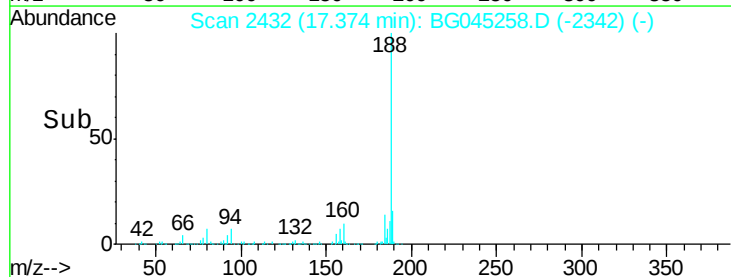
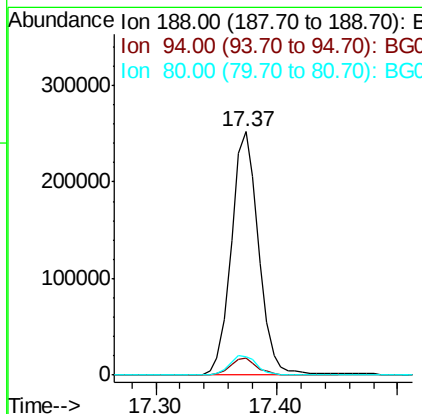
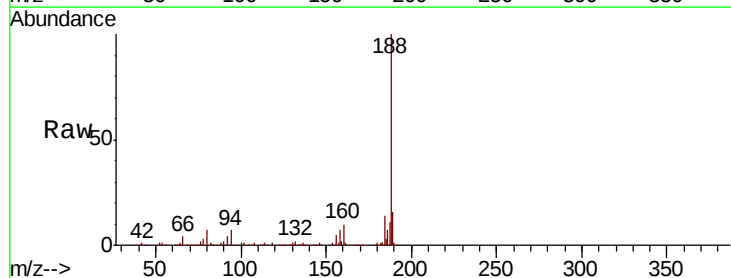
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.5	8.2	12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.4	7.0	10.6

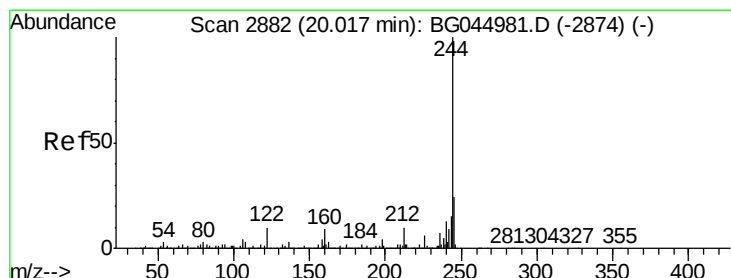
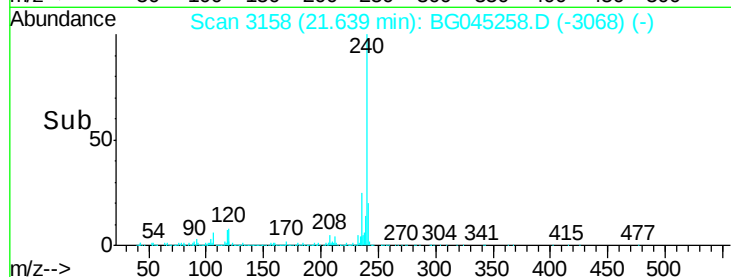
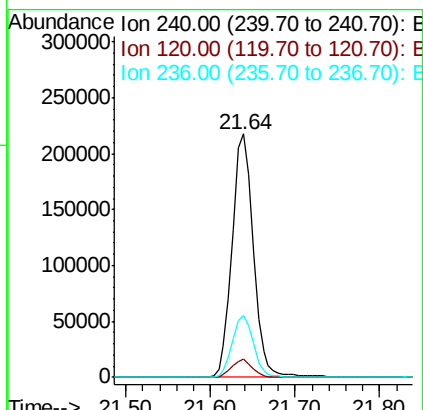
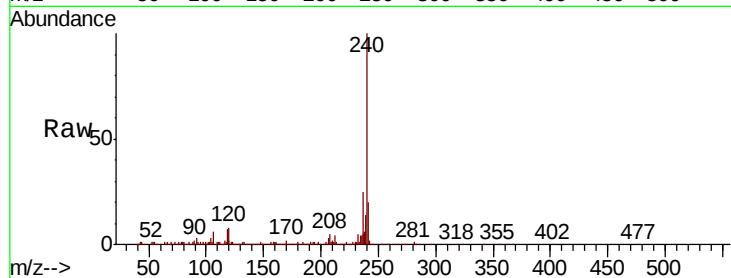




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

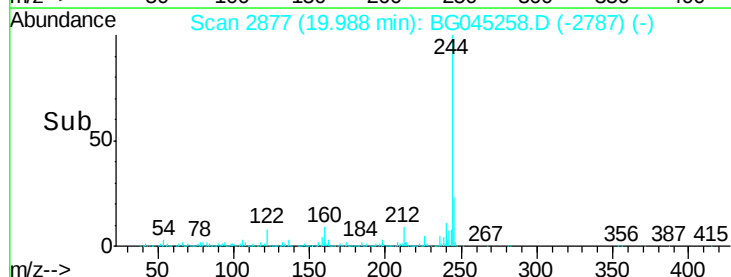
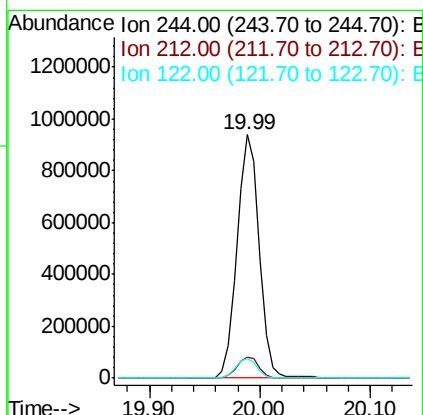
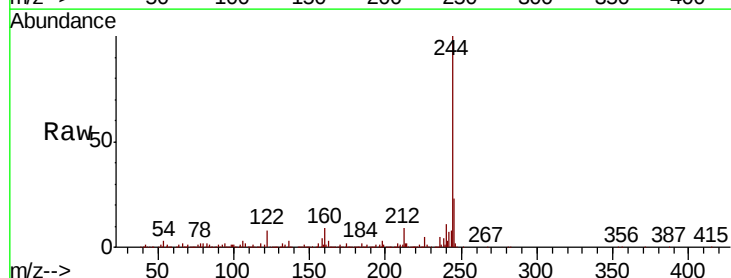
Instrument :
BNA_G
ClientSampleId :
6FT-TP-10

Tot Ion:240 Resp: 376564
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 25.3 22.2 33.2



#79
Terphenyl-d14
Concen: 76.639 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

Tgt Ion:244 Resp: 1324099
Ion Ratio Lower Upper
244 100
212 8.8 7.9 11.9
122 8.2 7.7 11.5

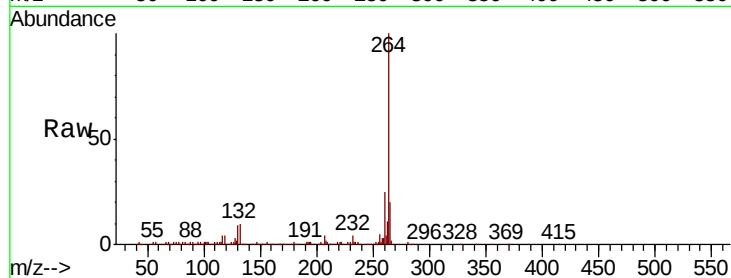




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045258.D
Acq: 6 May 2020 18:19

Instrument :
BNA_G
ClientSampleId :
6FT-TP-10

Tot Ion:264	Resp:	399395
Ion	Ratio	Lower Upper
264	100	
260	24.6	19.2 28.8
265	19.9	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

