

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045166.D
 Acq On : 24 Apr 2020 18:22
 Operator : CG/JU
 Sample : L2117-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042220

Quant Time: Apr 25 00:32:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

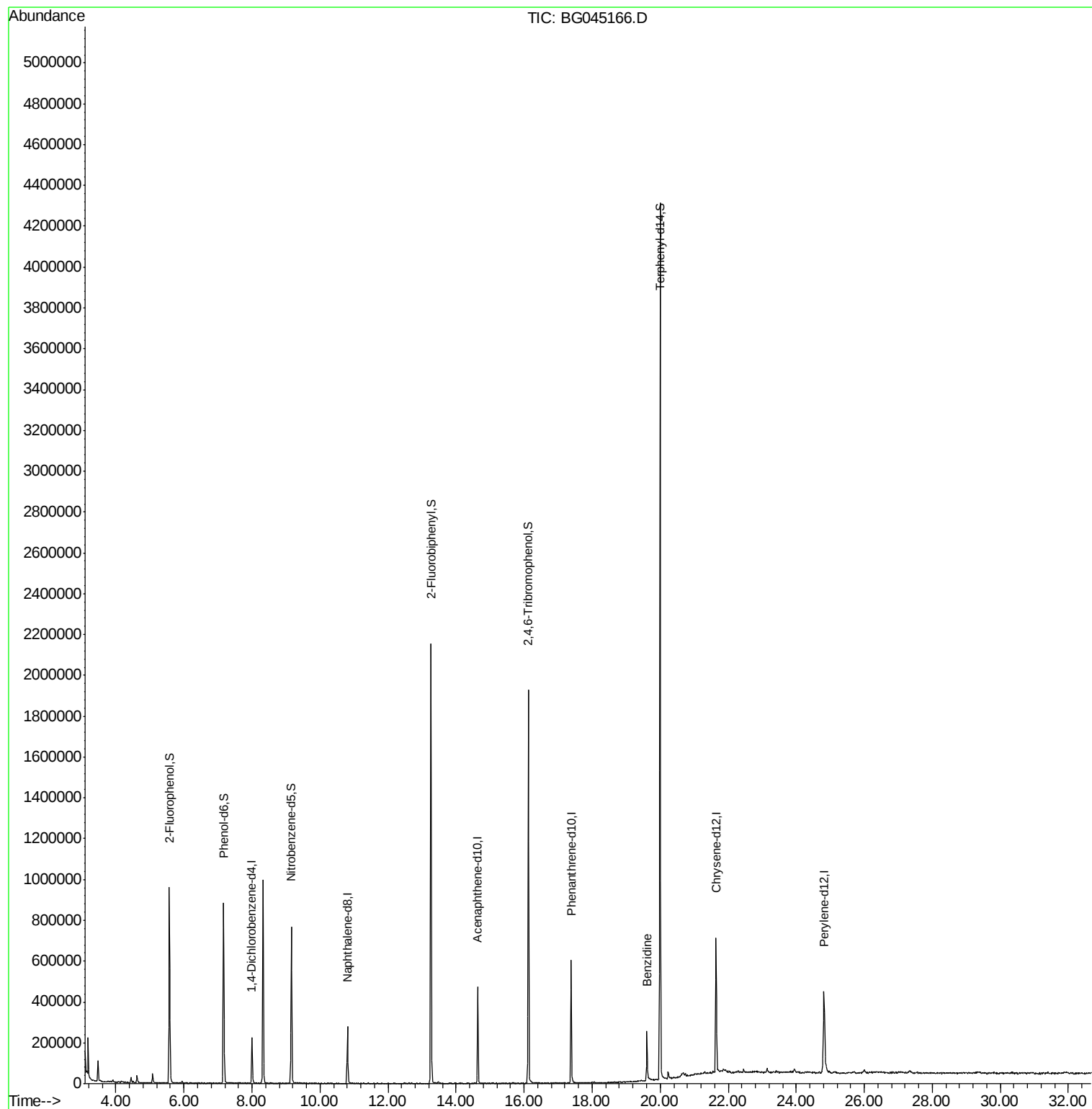
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68480	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256967	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	175730	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	425453	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	459832	20.00	ng	-0.01
87) Perylene-d12	24.82	264	487755	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	497268	119.88	ng	0.00
7) Phenol-d6	7.16	99	611350	99.20	ng	0.00
23) Nitrobenzene-d5	9.16	82	538875	95.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	394510	145.32	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	1211195	101.06	ng	0.00
79) Terphenyl-d14	20.00	244	2172636	102.98	ng	0.00
Target Compounds						
77) Benzidine	19.61	184	178056	8.544	ng	Qvalue # 93

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

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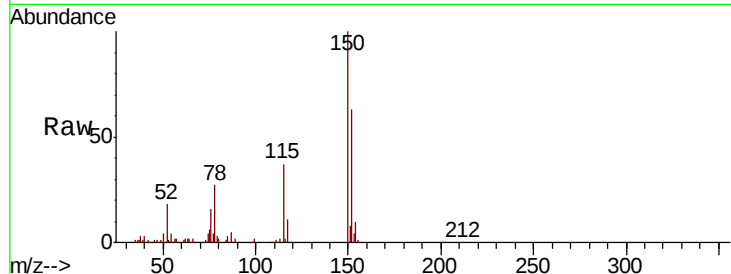


#1

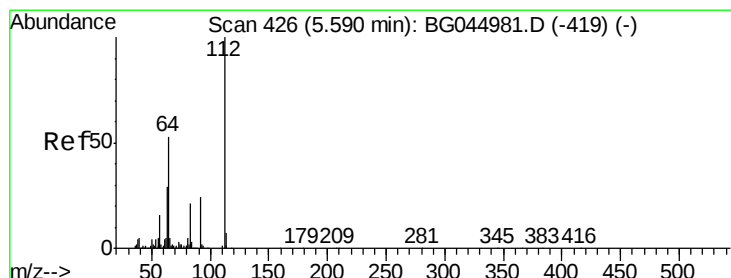
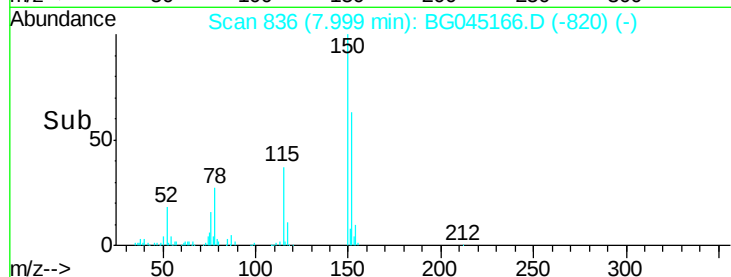
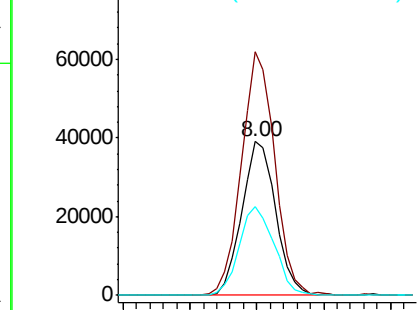
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042220

Tot Ion:152 Resp: 68480
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.6 185.4
 115 58.0 49.1 73.7



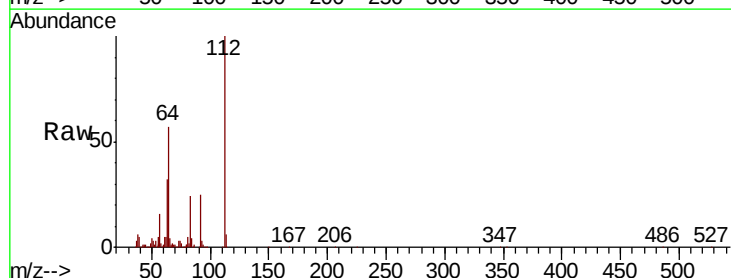
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



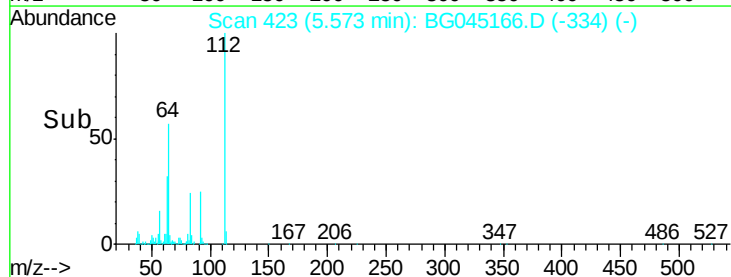
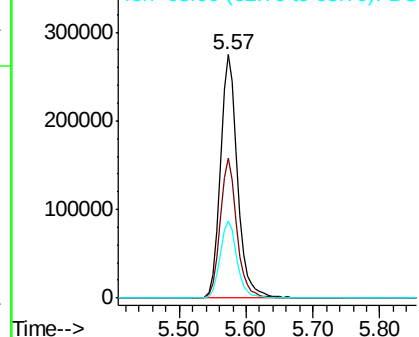
#5

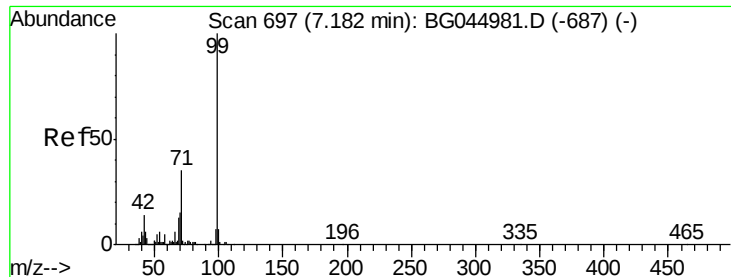
2-Fluorophenol
 Concen: 119.884 ng
 RT: 5.57 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

Tgt Ion:112 Resp: 497268
 Ion Ratio Lower Upper
 112 100
 64 57.3 42.4 63.6
 63 31.9 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: 99.200 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

Instrument :

BNA_G

ClientSampleId :

OK-01-042220

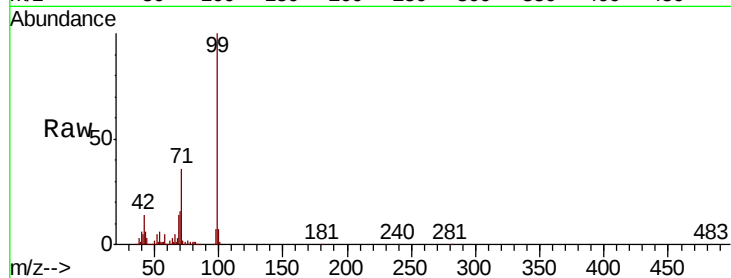
Tot Ion: 99 Resp: 611350

Ion Ratio Lower Upper

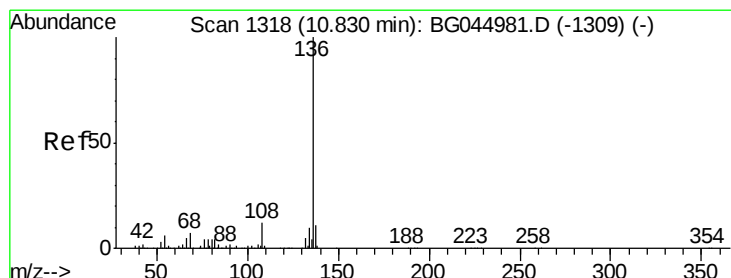
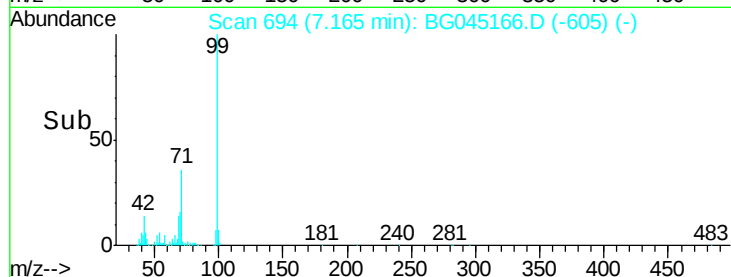
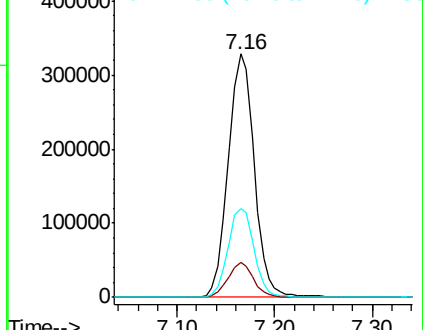
99 100

42 14.3 11.3 16.9

71 36.3 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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

Tgt Ion: 136 Resp: 256967

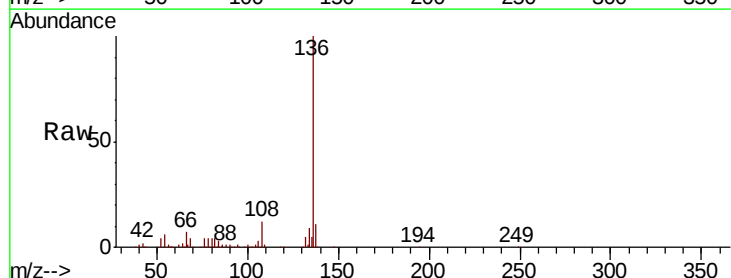
Ion Ratio Lower Upper

136 100

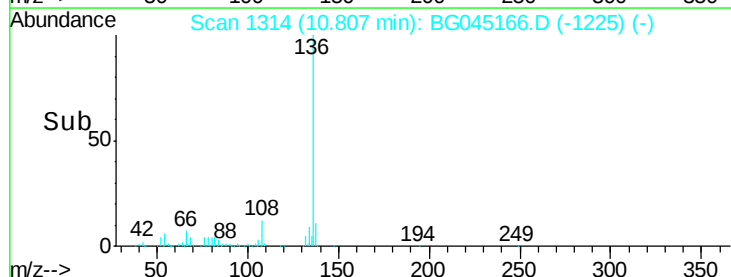
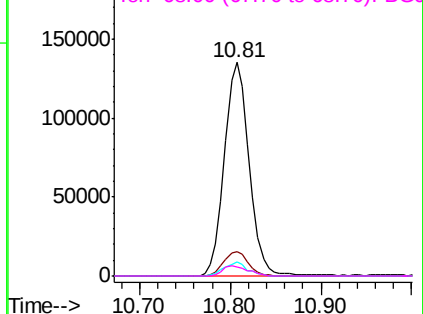
137 11.4 8.6 13.0

54 6.4 4.8 7.2

68 4.4 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

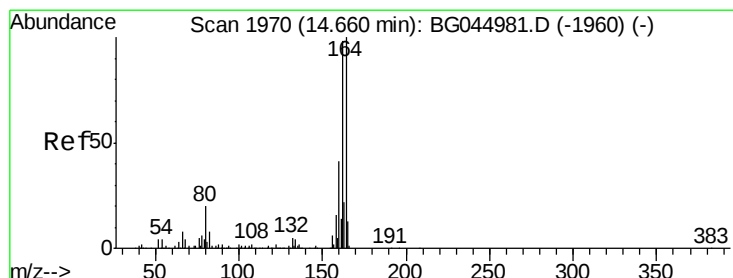
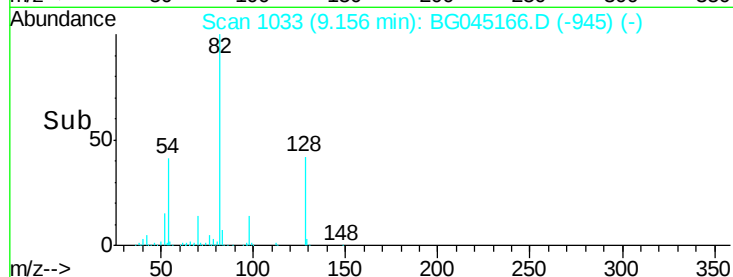
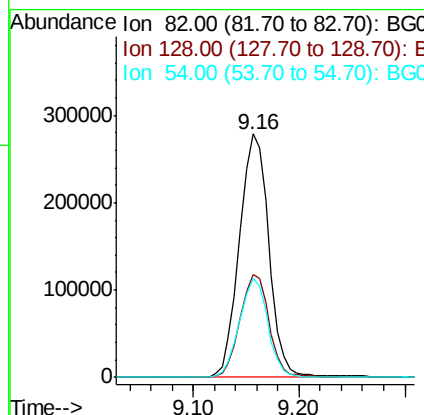
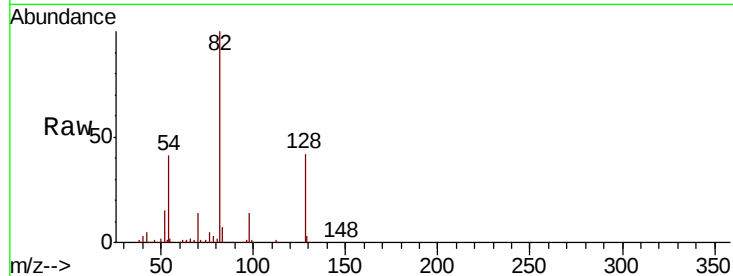




#23
 Nitrobenzene-d5
 Concen: 95.686 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

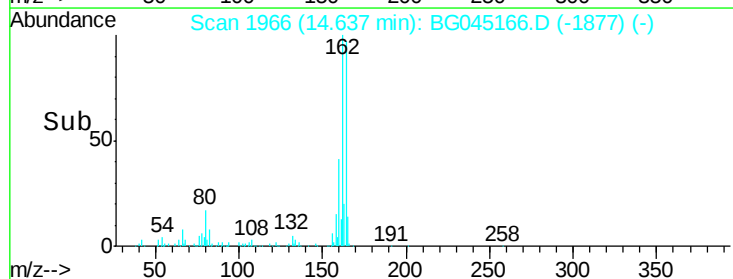
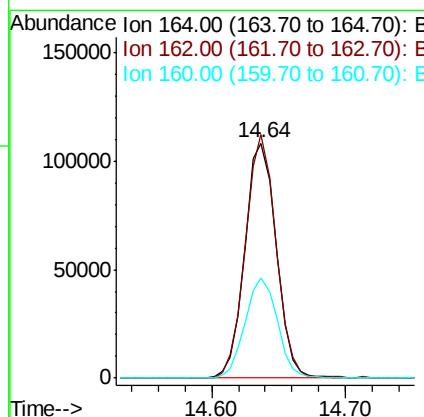
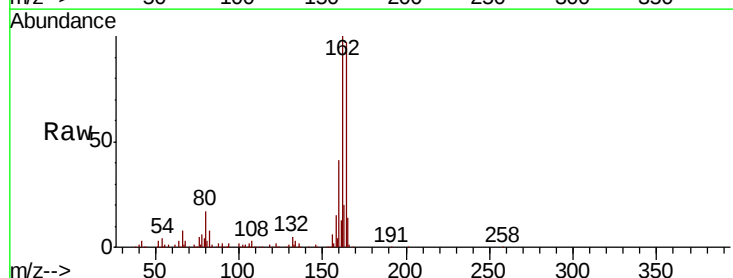
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042220

Tot Ion	82	Resp	538875
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.0	49.4
54	40.7	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

Tgt Ion	164	Resp	175730
Ion Ratio	Lower	Upper	
164	100		
162	103.6	78.7	118.1
160	42.6	32.8	49.2

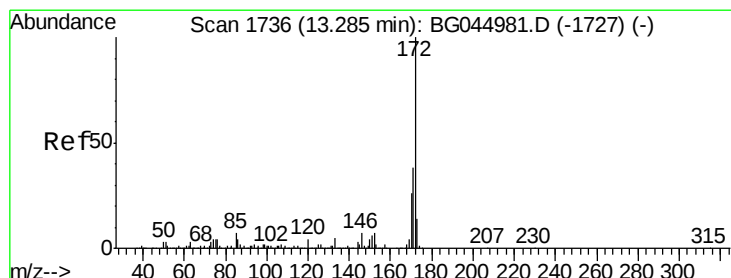
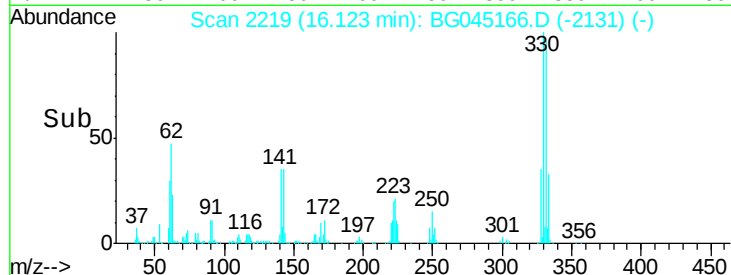
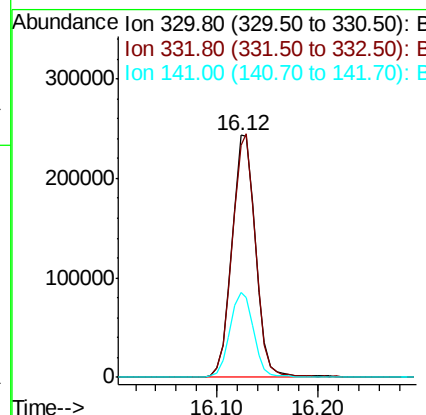
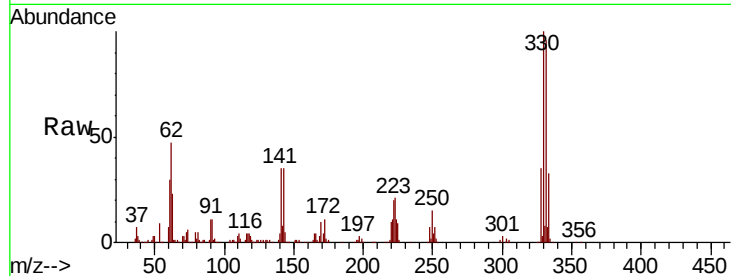




#42
 2,4,6-Tribromophenol
 Concen: 145.318 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

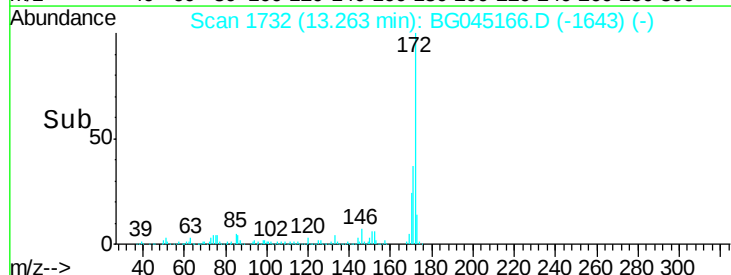
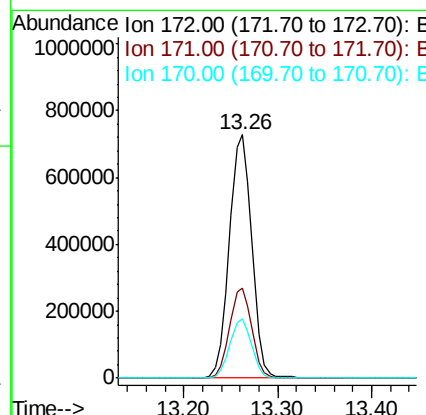
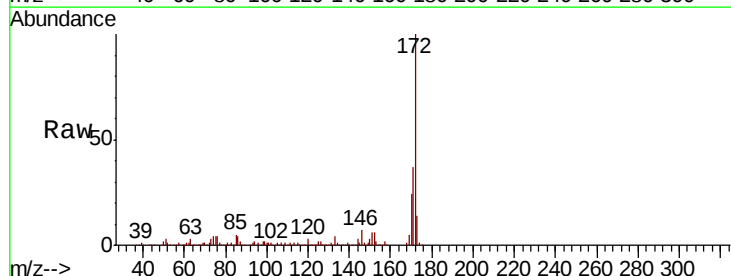
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-042220

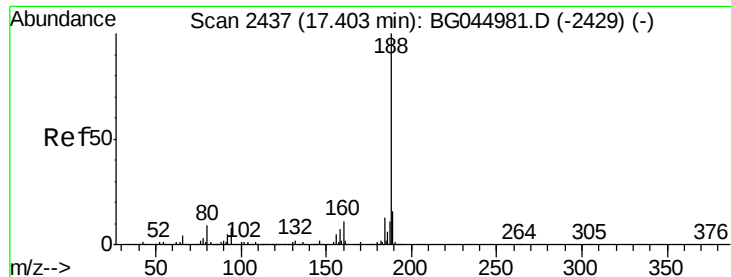
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	79.1	118.7
141	35.1	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 101.064 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG045166.D
 Acq: 24 Apr 2020 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.1	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

Instrument :

BNA_G

ClientSampleId :

OK-01-042220

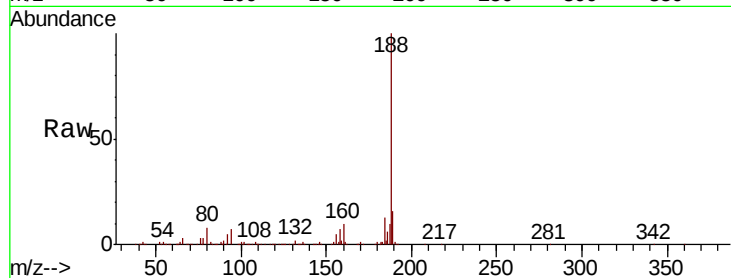
Tot Ion:188 Resp: 425453

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

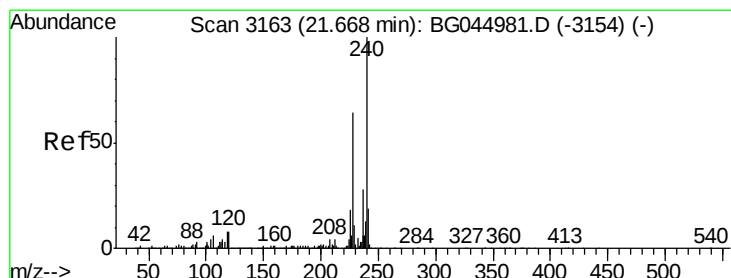
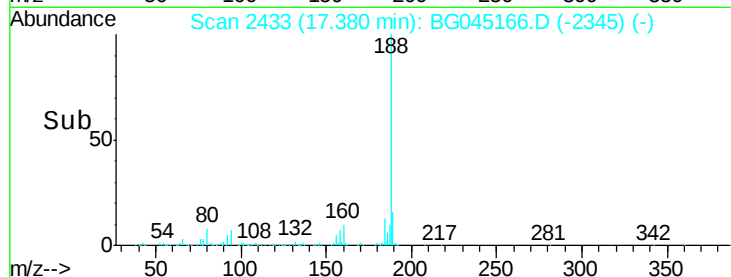
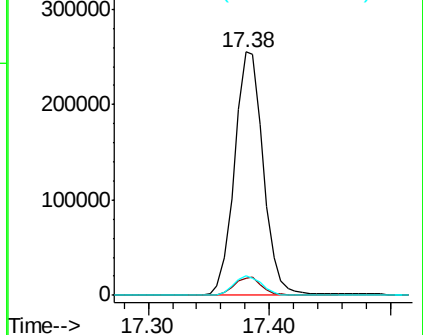
80 8.2 7.0 10.6



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

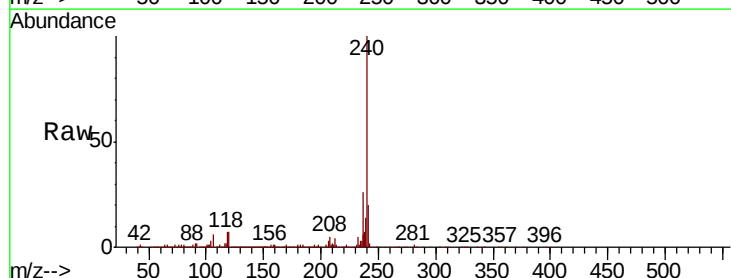
Tgt Ion:240 Resp: 459832

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

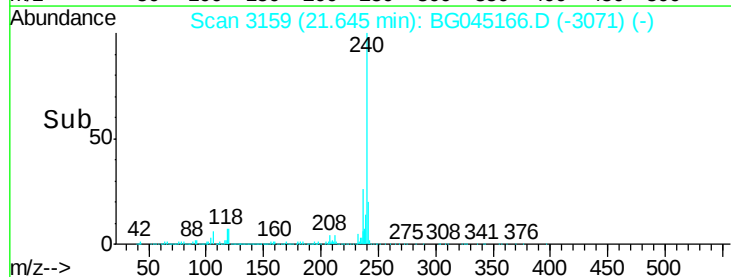
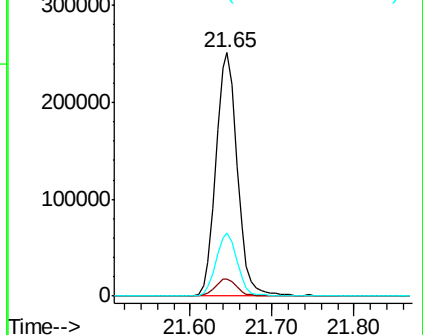
236 26.2 22.2 33.2

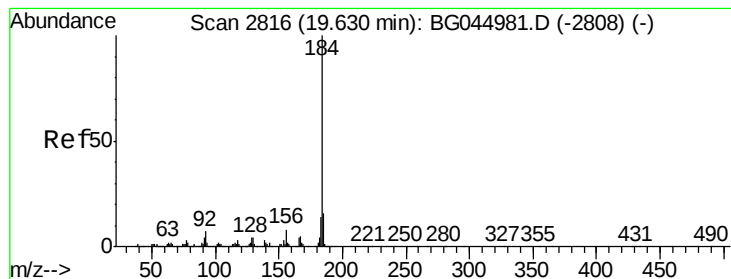


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.544 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

Instrument :

BNA_G

ClientSampleId :

OK-01-042220

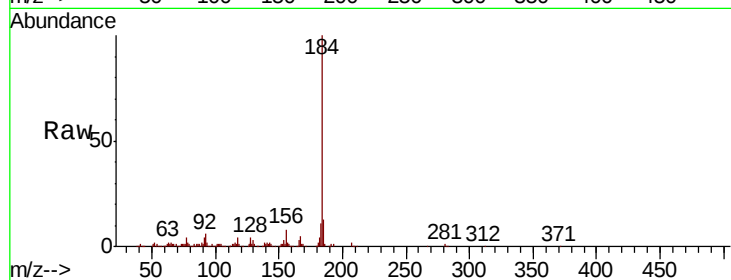
Tot Ion:184 Resp: 178056

Ion Ratio Lower Upper

184 100

185 13.1 12.6 19.0

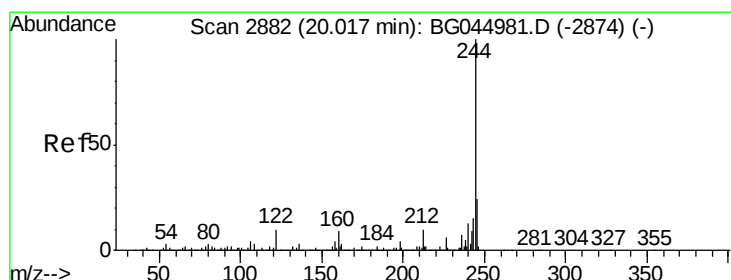
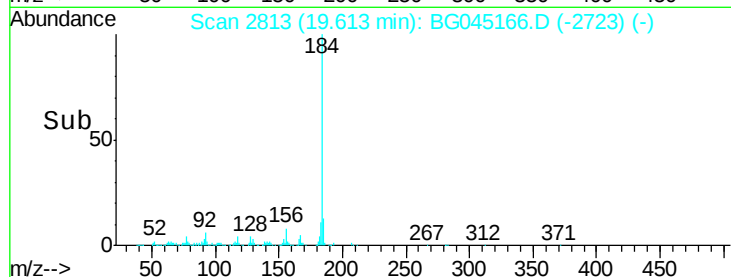
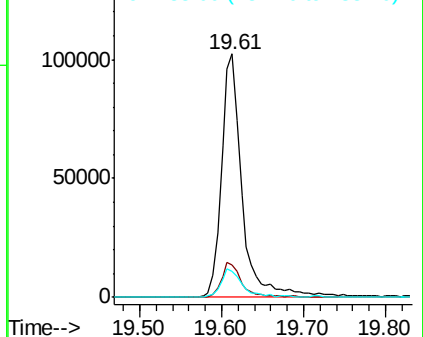
183 10.9 11.3 16.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.981 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG045166.D

Acq: 24 Apr 2020 18:22

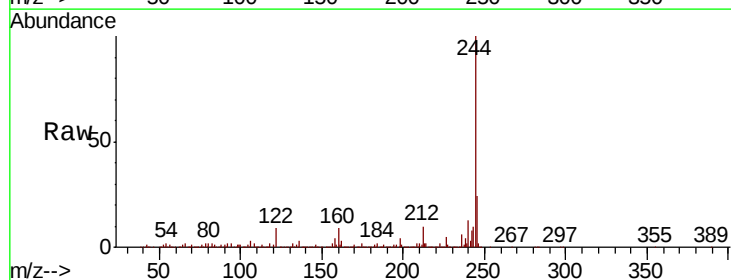
Tgt Ion:244 Resp: 2172636

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

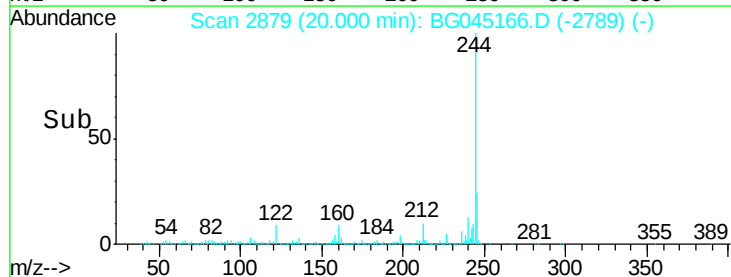
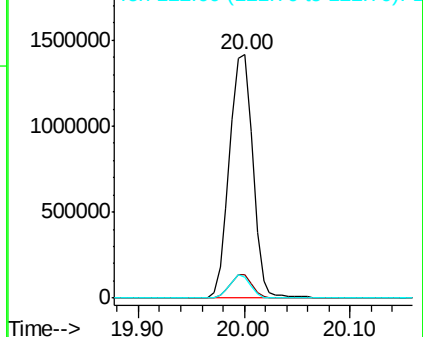
122 8.7 7.7 11.5

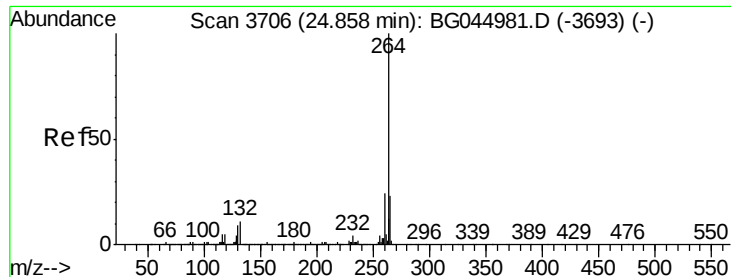


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.02 min
Lab File: BG045166.D
Acq: 24 Apr 2020 18:22

Instrument :
BNA_G
ClientSampleId :
OK-01-042220

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	19.0	28.4

