

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045380.D
 Acq On : 14 May 2020 16:29
 Operator : CG/JU
 Sample : L2604-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 305

Quant Time: May 14 18:00:53 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 14 13:01:16 2020
 Response via : Initial Calibration

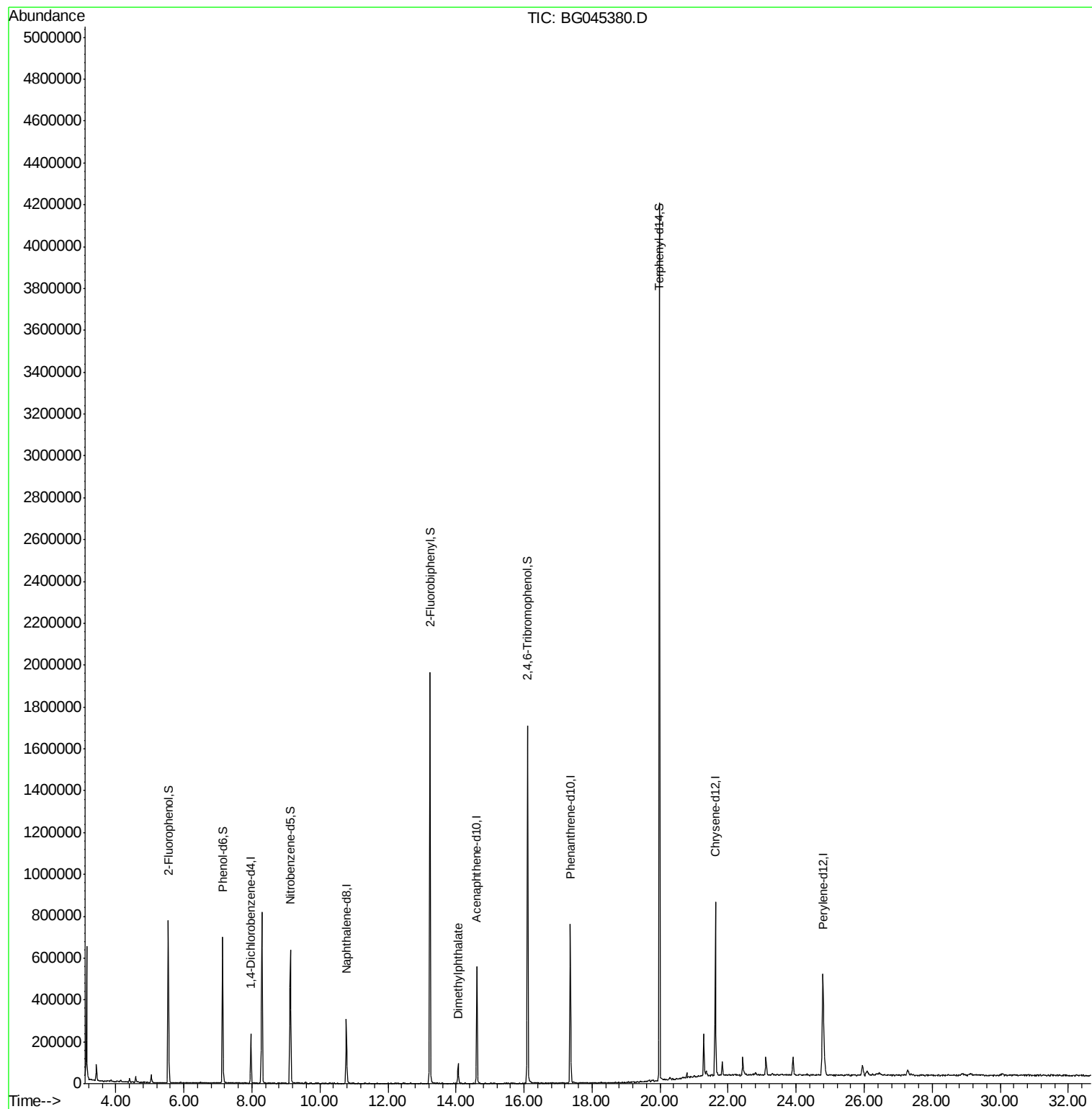
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71019	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	285159	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	212065	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	508340	20.00	ng	0.00
76) Chrysene-d12	21.62	240	513175	20.00	ng	0.00
87) Perylene-d12	24.78	264	541732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	375654	87.33	ng	0.00
7) Phenol-d6	7.14	99	470029	73.54	ng	0.00
23) Nitrobenzene-d5	9.13	82	440939	70.56	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	356739	108.89	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1069511	73.95	ng	0.00
79) Terphenyl-d14	19.98	244	1909158	81.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	64548	3.738	ng	Qvalue 98

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

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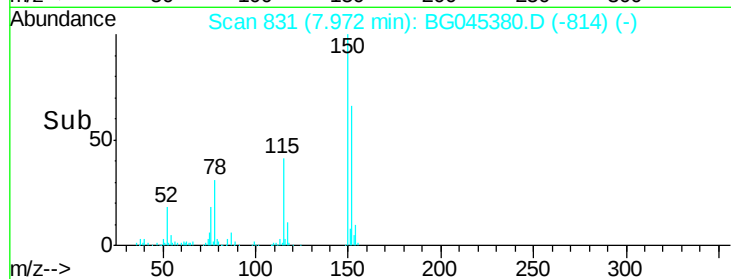
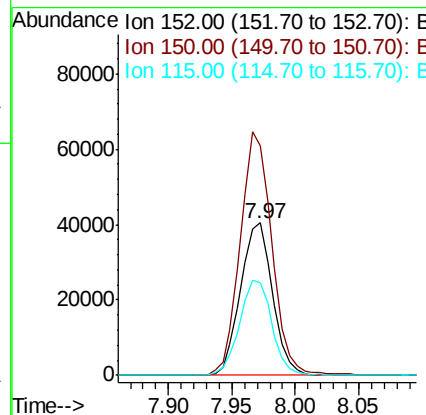
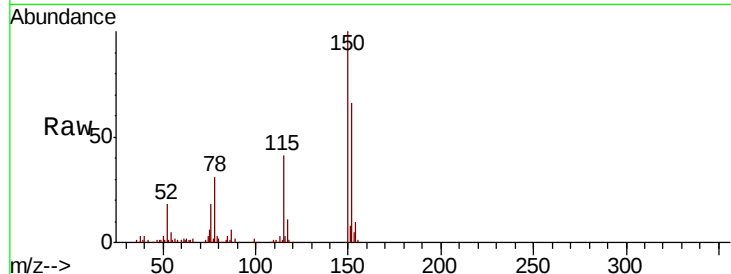


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045380.D
Acq: 14 May 2020 16:29

Instrument :
BNA_G
ClientSampleId :
305

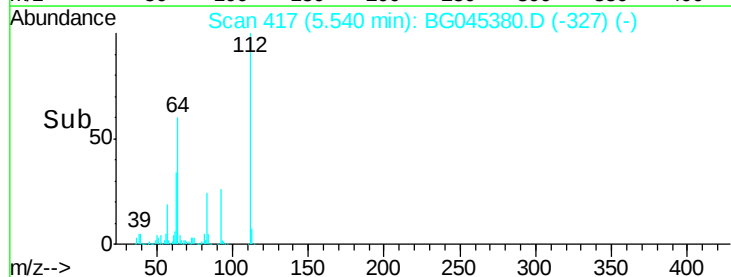
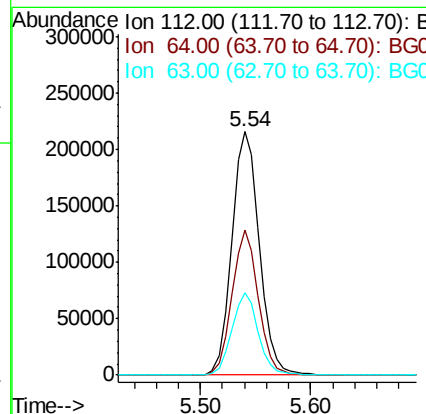
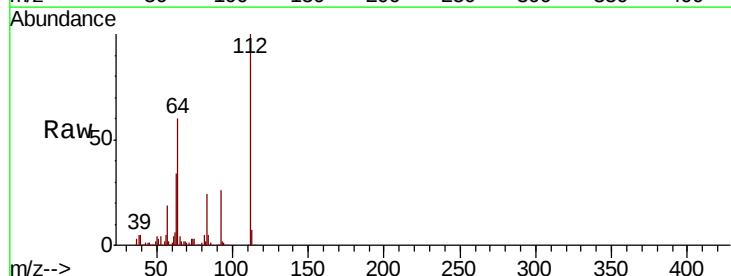
Tot Ion:152 Resp: 71019
Ion Ratio Lower Upper
152 100
150 150.8 123.6 185.4
115 61.1 49.1 73.7

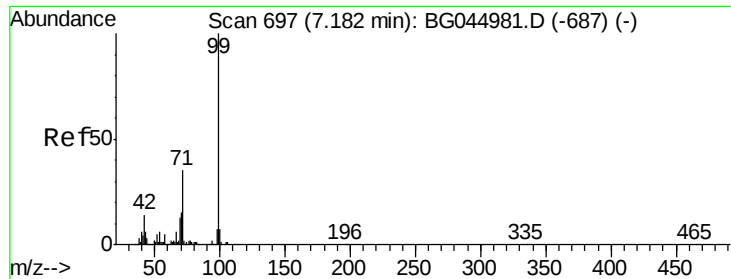


#5

2-Fluorophenol
Concen: 87.327 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045380.D
Acq: 14 May 2020 16:29

Tgt Ion:112 Resp: 375654
Ion Ratio Lower Upper
112 100
64 59.7 42.4 63.6
63 33.8 23.1 34.7





#7

Phenol-d6

Concen: 73.542 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045380.D

Acq: 14 May 2020 16:29

Instrument :

BNA_G

ClientSampleId :

305

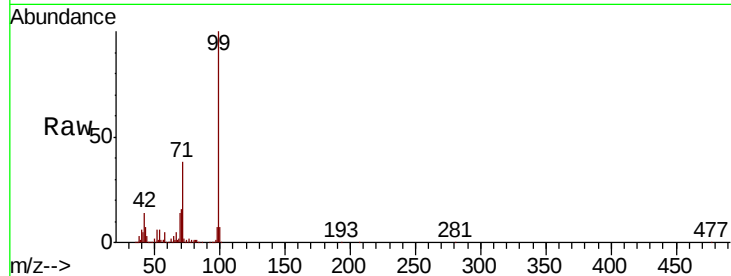
Tot Ion: 99 Resp: 470029

Ion Ratio Lower Upper

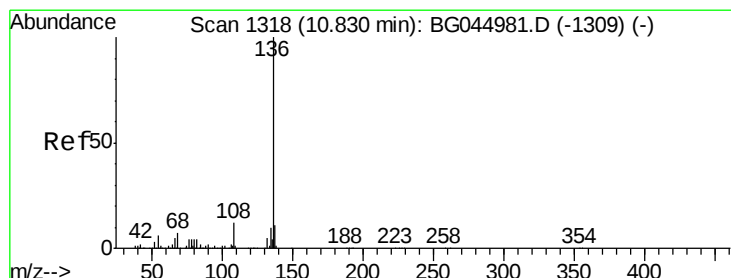
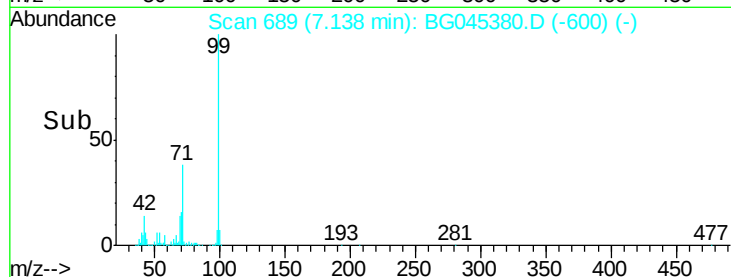
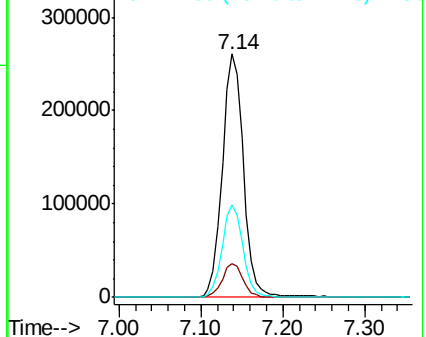
99 100

42 14.1 11.3 16.9

71 38.3 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: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045380.D

Acq: 14 May 2020 16:29

Tgt Ion: 136 Resp: 285159

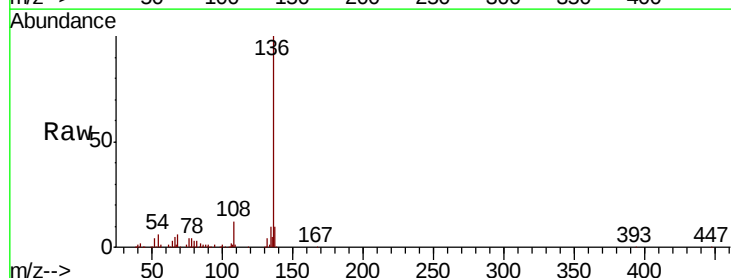
Ion Ratio Lower Upper

136 100

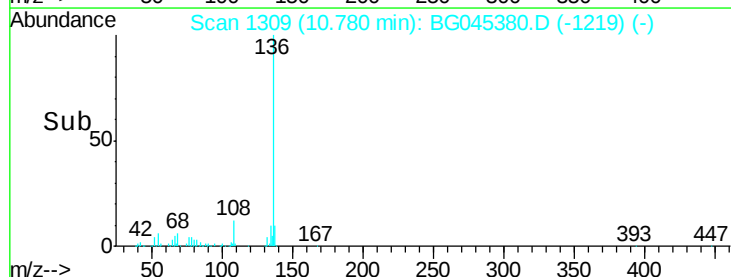
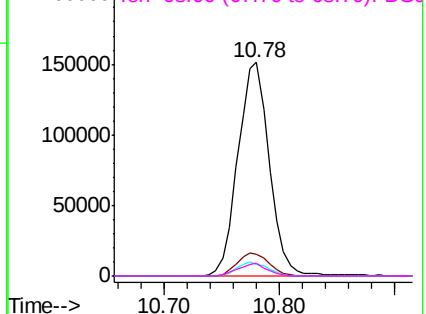
137 10.4 8.6 13.0

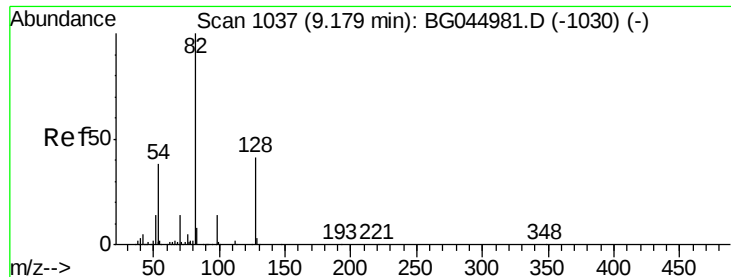
54 5.5 4.8 7.2

68 5.9 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

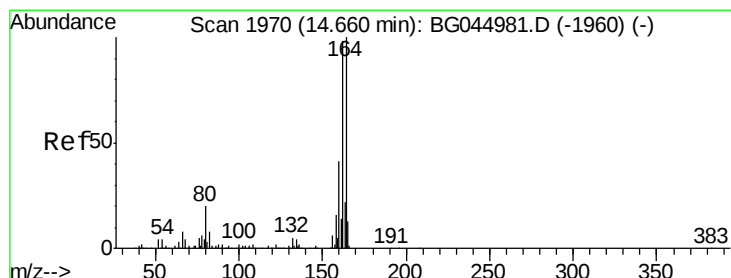
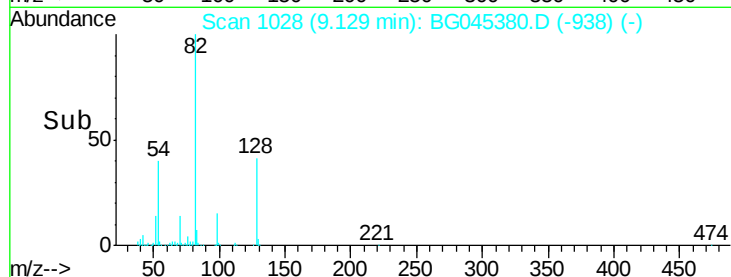
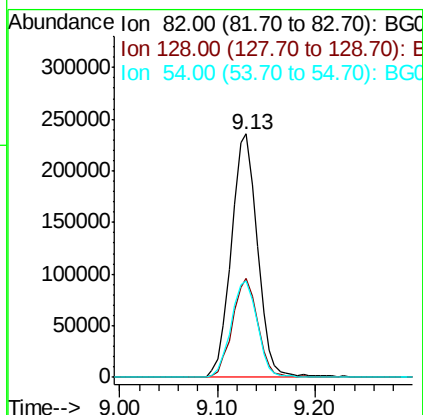
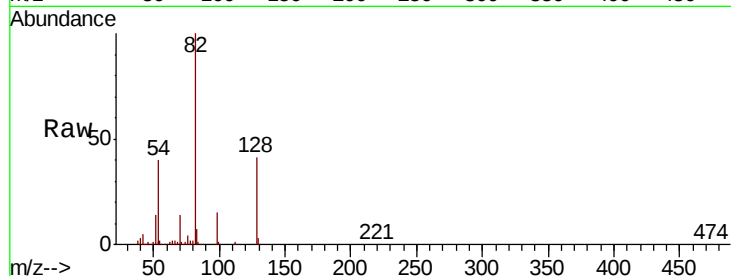




#23
Nitrobenzene-d5
Concen: 70.555 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045380.D
Acq: 14 May 2020 16:29

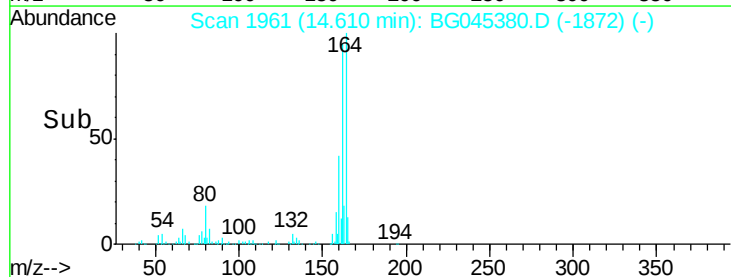
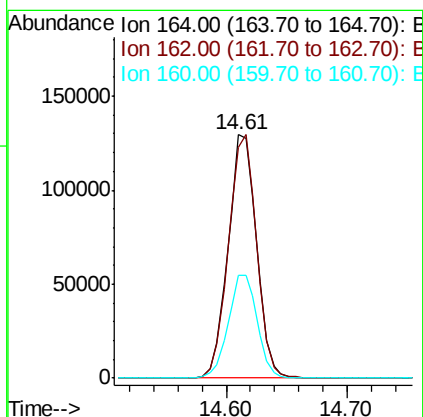
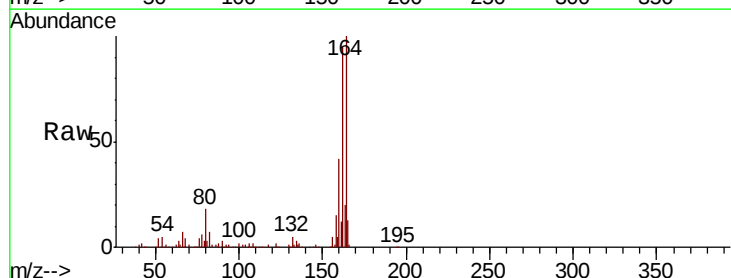
Instrument :
BNA_G
ClientSampleId :
305

Tot Ion	82	Resp	440939
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.0	49.4
54	39.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG045380.D
Acq: 14 May 2020 16:29

Tgt Ion	164	Resp	212065
Ion Ratio	Lower	Upper	
164	100		
162	94.6	78.7	118.1
160	42.1	32.8	49.2

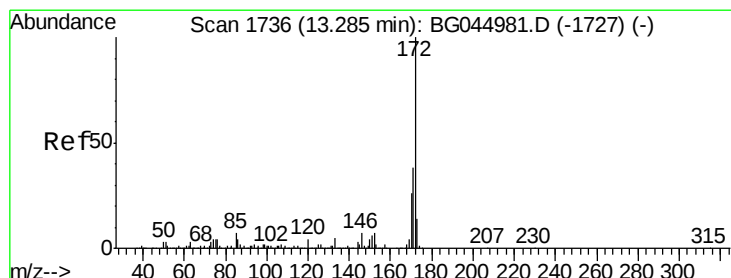
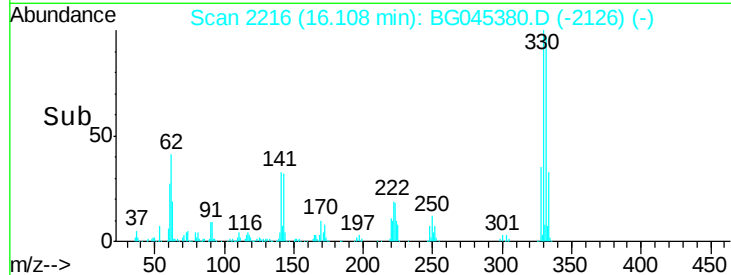
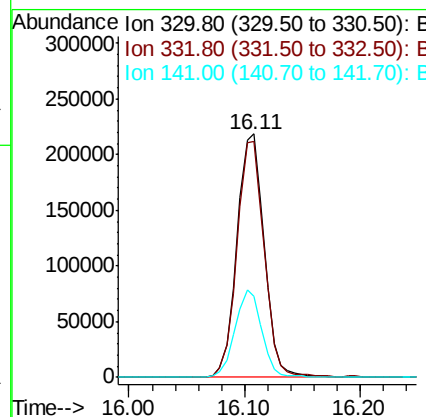
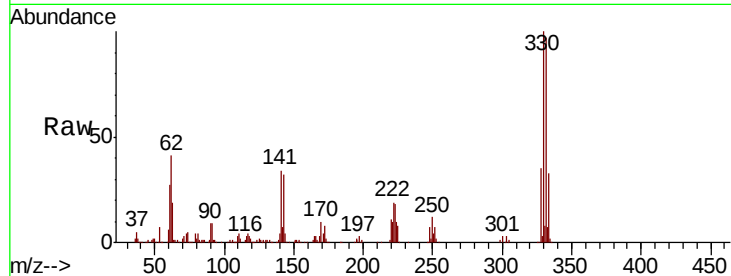




#42
 2,4,6-Tribromophenol
 Concen: 108.890 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045380.D
 Acq: 14 May 2020 16:29

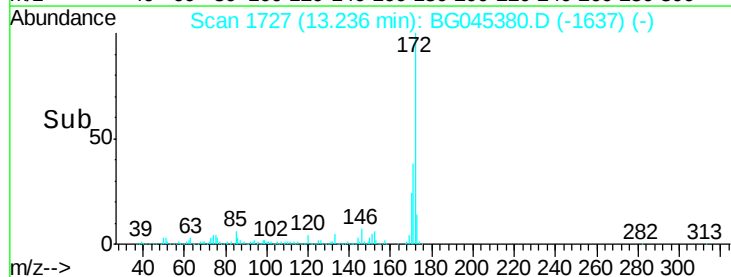
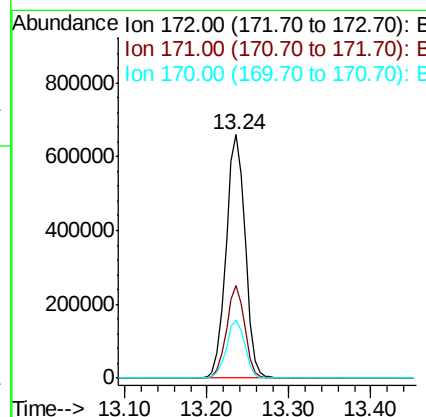
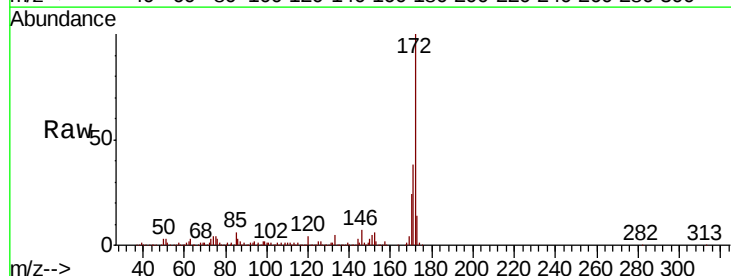
Instrument :
 BNA_G
 ClientSampled :
 305

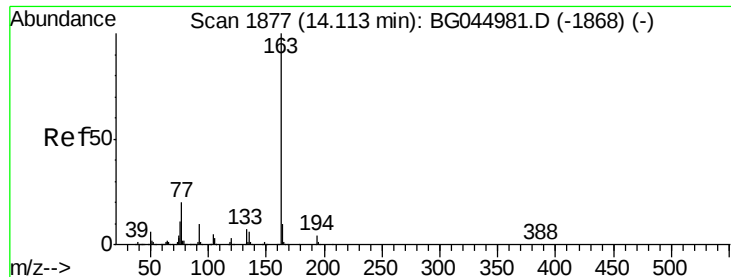
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	35.2	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 73.951 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045380.D
 Acq: 14 May 2020 16:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	23.6	20.5	30.7





#50

Dimethylphthalate

Concen: 3.738 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045380.D

Acq: 14 May 2020 16:29

Instrument :

BNA_G

ClientSampled :

305

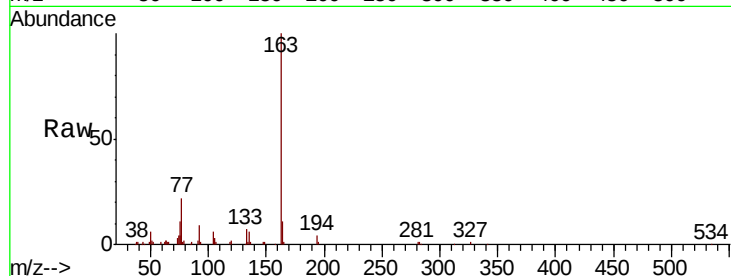
Tot Ion:163 Resp: 64548

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

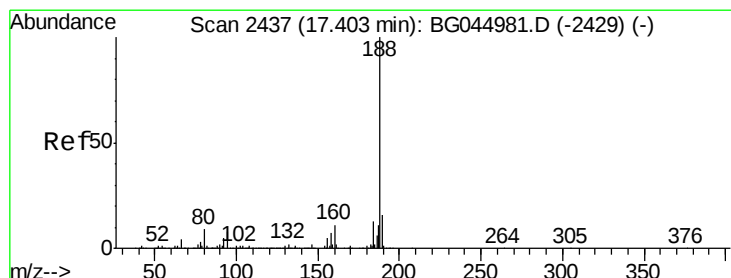
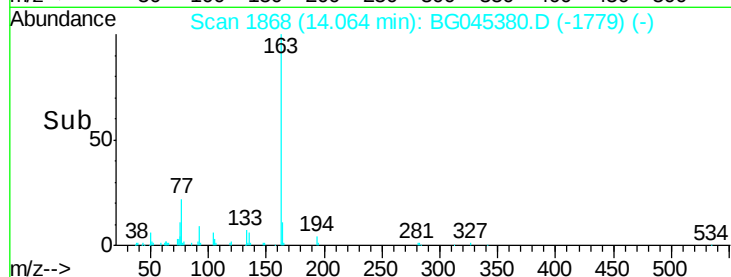
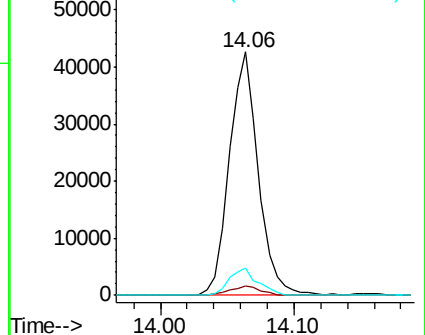
164 11.2 8.2 12.4



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: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045380.D

Acq: 14 May 2020 16:29

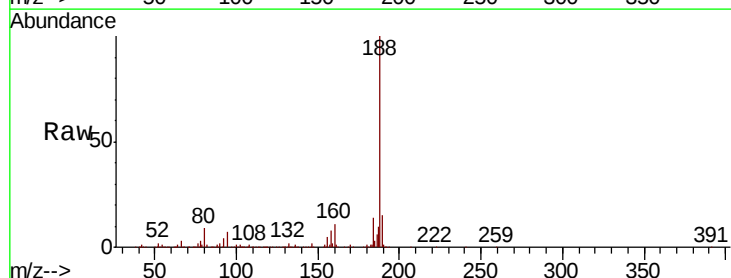
Tgt Ion:188 Resp: 508340

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

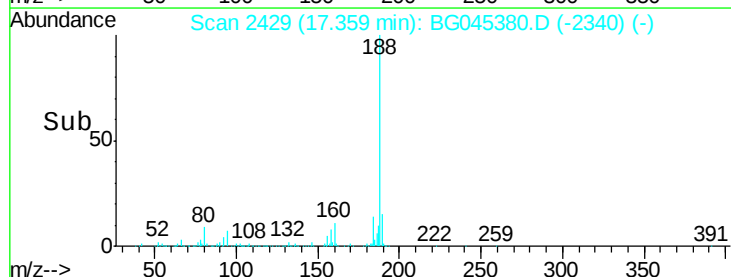
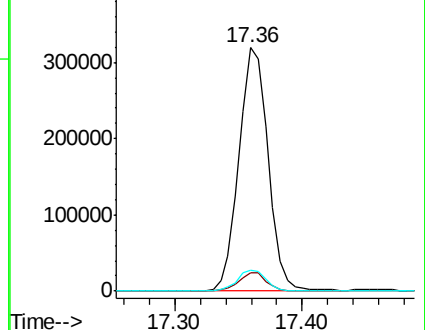
80 8.7 7.0 10.6

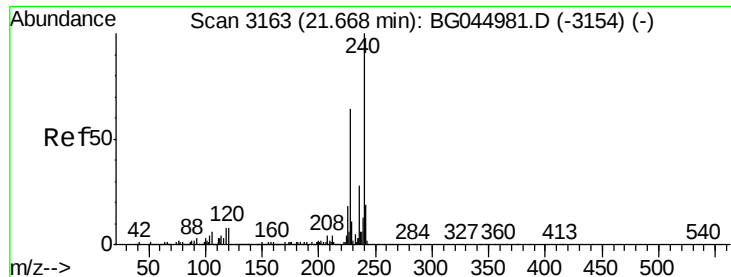


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

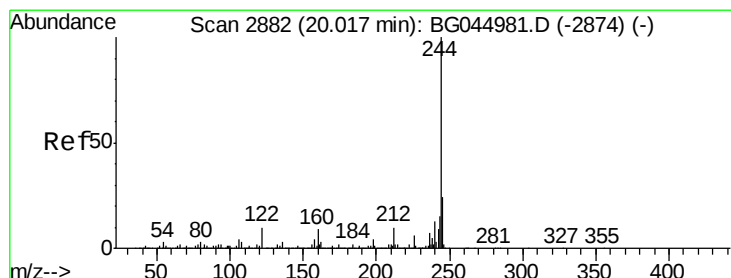
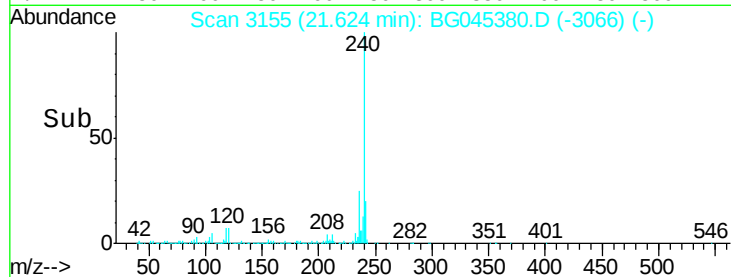
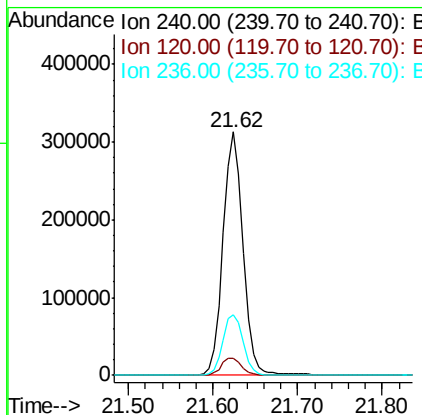
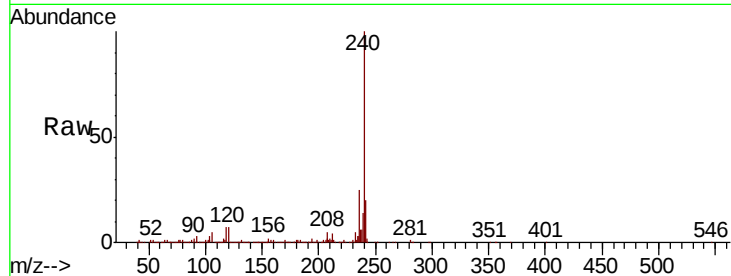




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG045380.D
 Acq: 14 May 2020 16:29

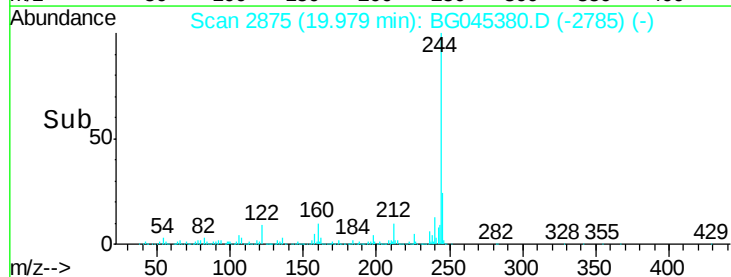
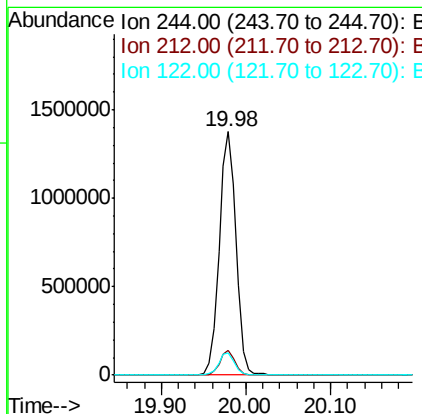
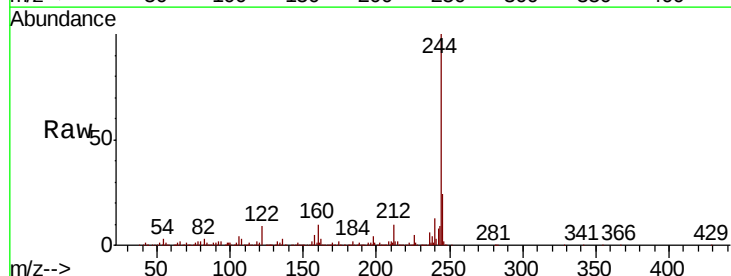
Instrument :
 BNA_G
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 305

Tot Ion:240 Resp: 513175
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.6 10.0
 236 24.9 22.2 33.2



#79
 Terphenyl-d14
 Concen: 81.086 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG045380.D
 Acq: 14 May 2020 16:29

Tgt Ion:244 Resp: 1909158
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.9 11.9
 122 9.1 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045380.D
Acq: 14 May 2020 16:29

Instrument :
BNA_G
ClientSampleId :
305

Tot Ion:264 Resp: 541732

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	19.0	28.4

