

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045381.D
 Acq On : 14 May 2020 17:09
 Operator : CG/JU
 Sample : L2605-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239992

Quant Time: May 14 18:02:14 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

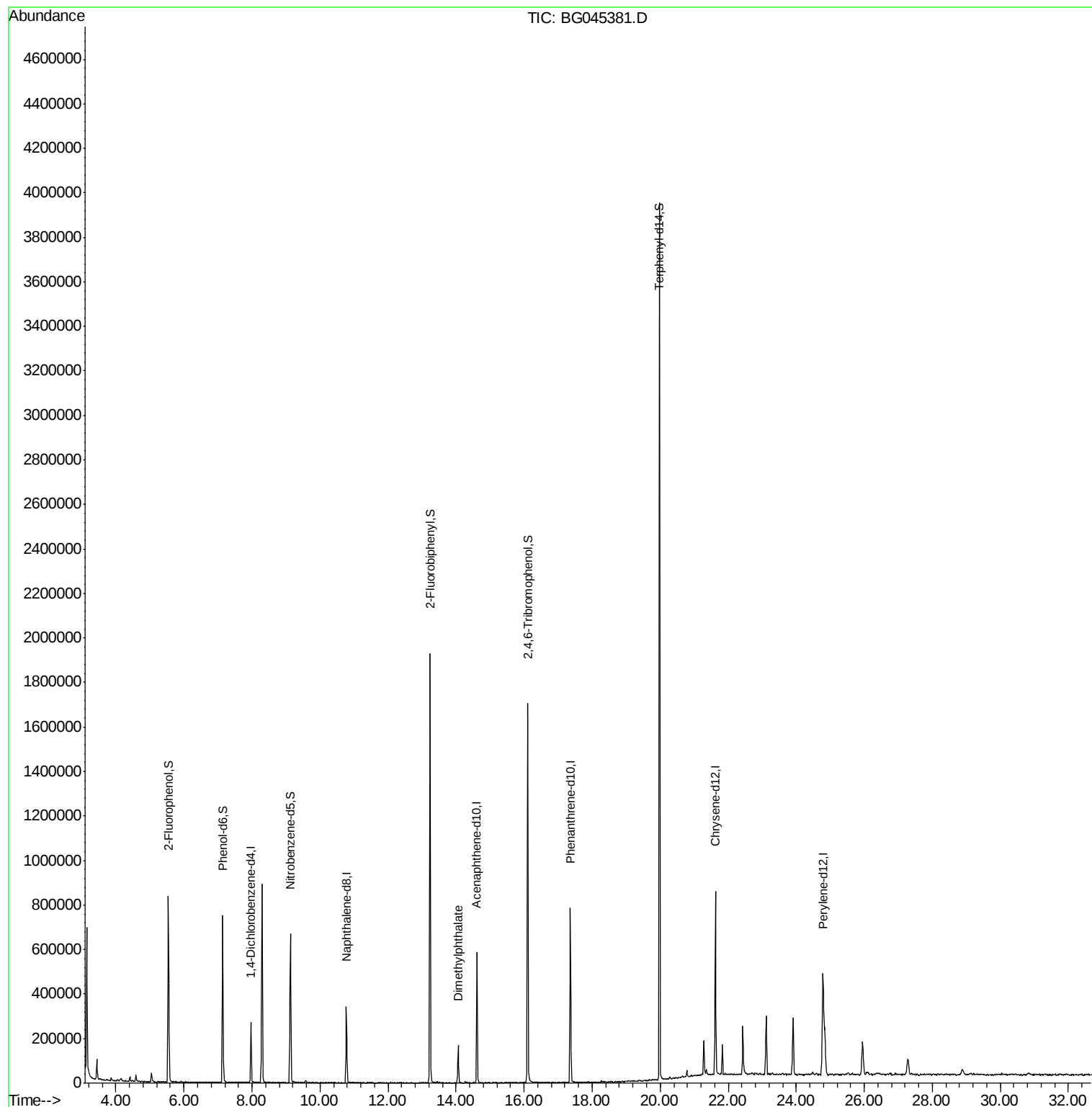
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	80808	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	305220	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	217124	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	509546	20.00	ng	0.00
76) Chrysene-d12	21.62	240	503022	20.00	ng	-0.01
87) Perylene-d12	24.79	264	529657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	414803	84.75	ng	0.00
7) Phenol-d6	7.14	99	496090	68.22	ng	0.00
23) Nitrobenzene-d5	9.13	82	473105	70.73	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	350801	104.58	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1080259	72.95	ng	0.00
79) Terphenyl-d14	19.98	244	1895408	82.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	111729	6.320	ng	Qvalue 98

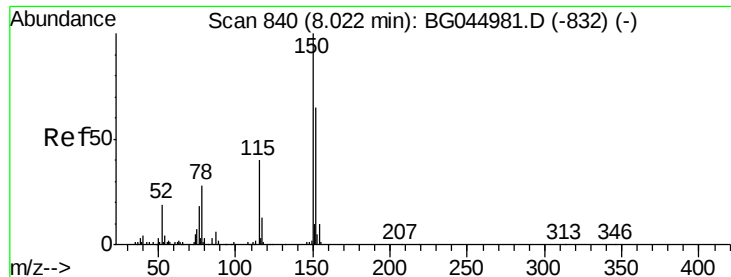
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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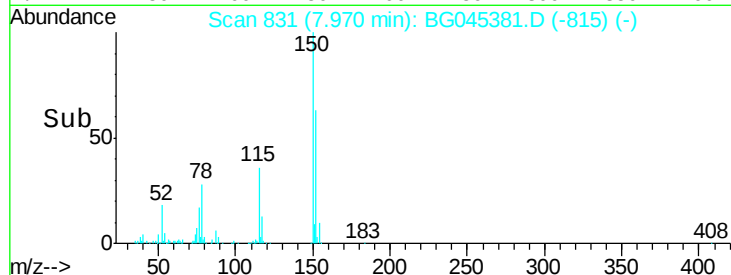
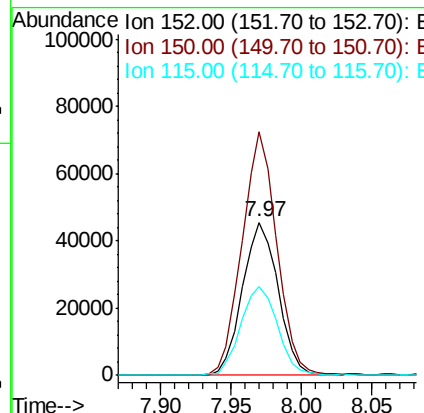
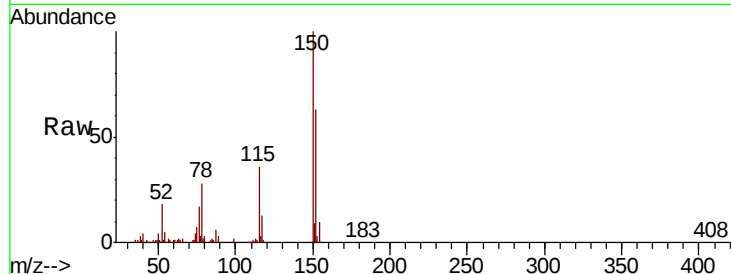


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG045381.D
 Acq: 14 May 2020 17:09

Instrument :
 BNA_G
 ClientSampleId :
 239992

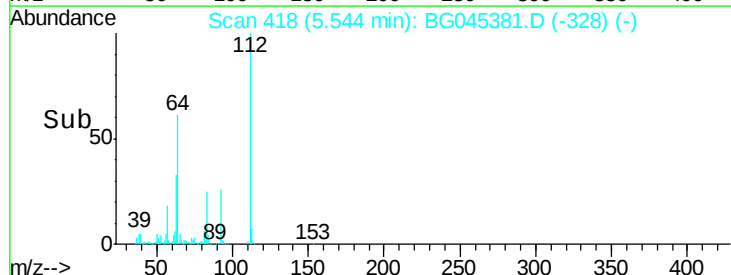
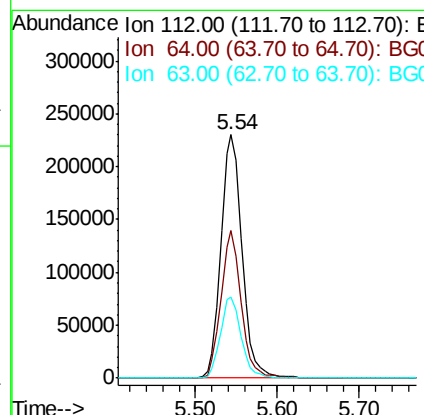
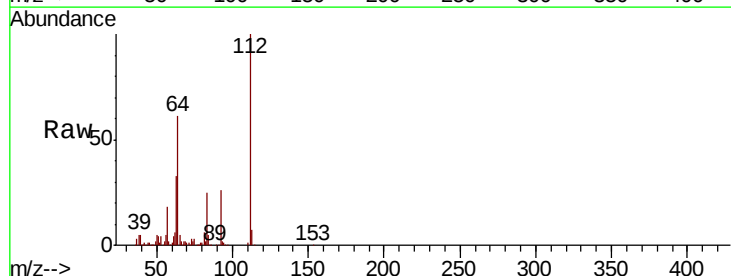
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.6	185.4
115	57.8	49.1	73.7

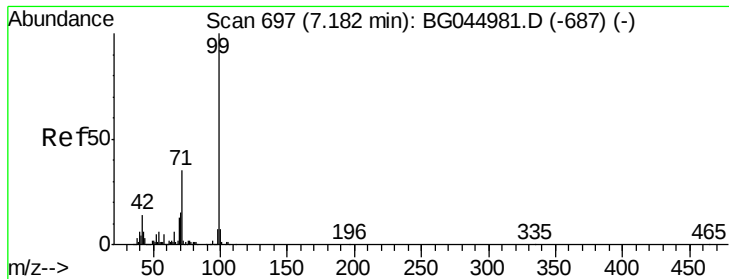


#5

2-Fluorophenol
 Concen: 84.746 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BG045381.D
 Acq: 14 May 2020 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.4	63.6
63	33.5	23.1	34.7





#7

Phenol-d6

Concen: 68.217 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045381.D

Acq: 14 May 2020 17:09

Instrument :

BNA_G

ClientSampleId :

239992

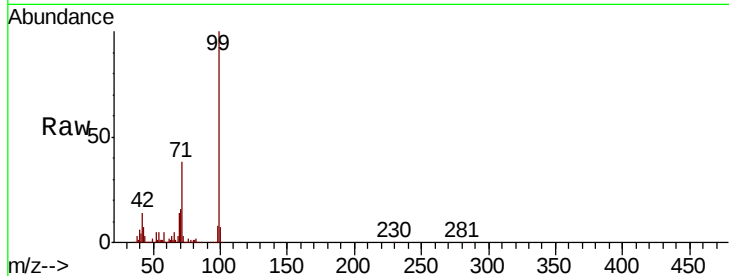
Tot Ion: 99 Resp: 496090

Ion Ratio Lower Upper

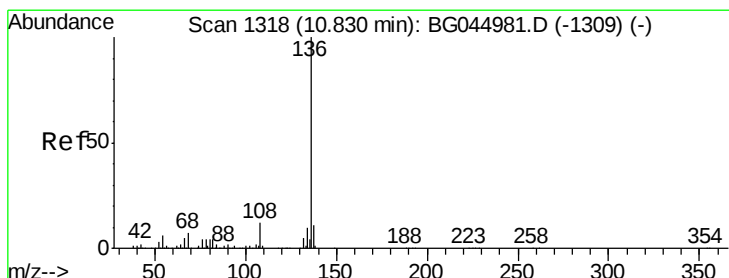
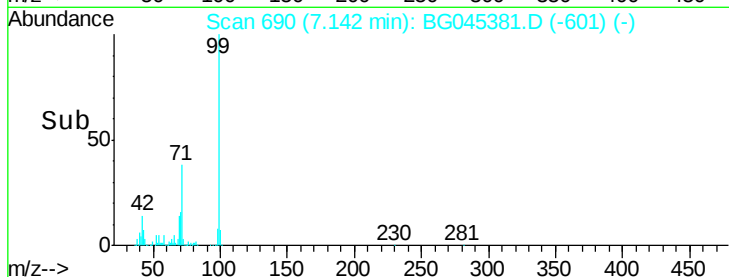
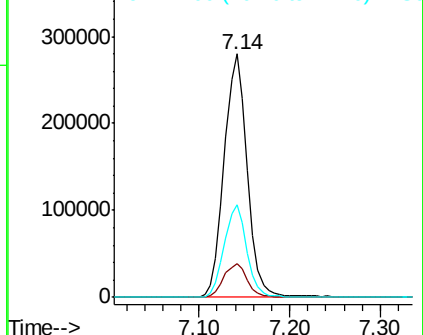
99 100

42 13.9 11.3 16.9

71 38.0 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: BG045381.D

Acq: 14 May 2020 17:09

Tgt Ion: 136 Resp: 305220

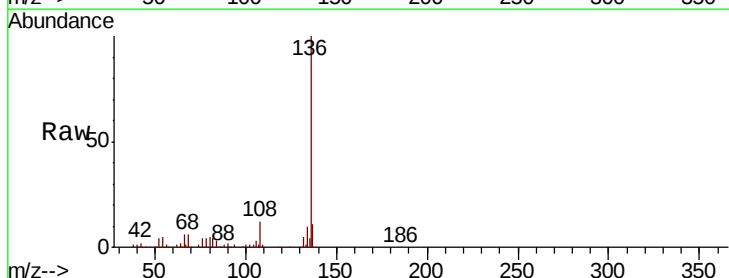
Ion Ratio Lower Upper

136 100

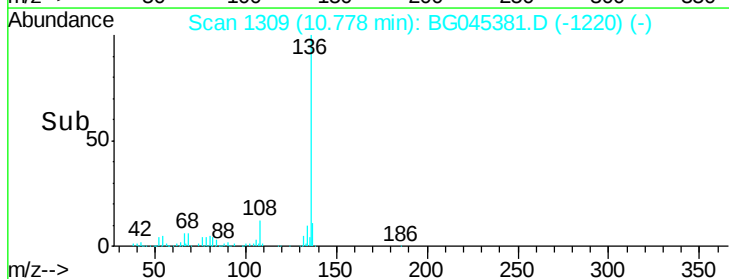
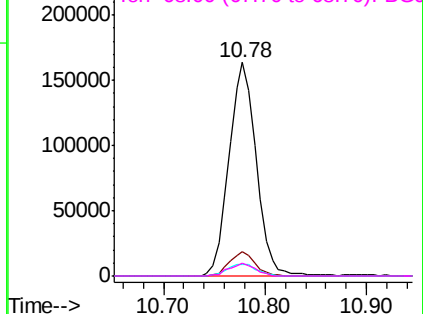
137 11.2 8.6 13.0

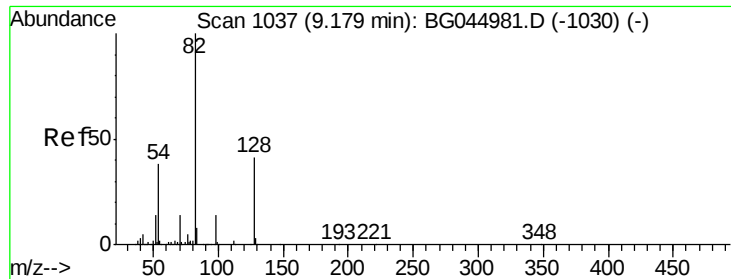
54 5.2 4.8 7.2

68 6.0 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

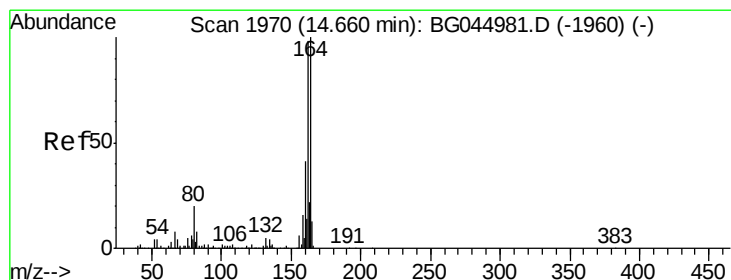
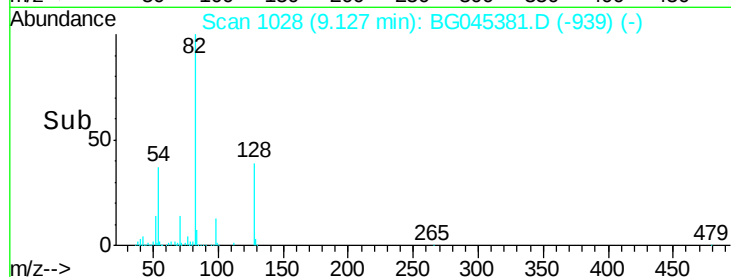
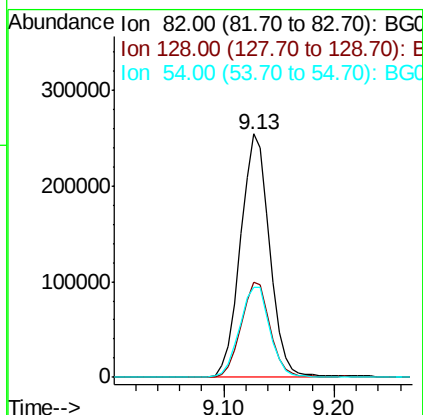
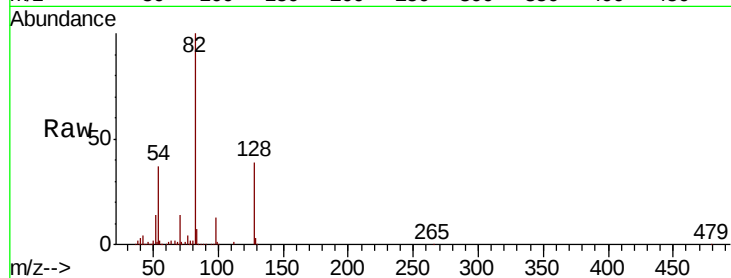




#23
Nitrobenzene-d5
Concen: 70.727 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045381.D
Acq: 14 May 2020 17:09

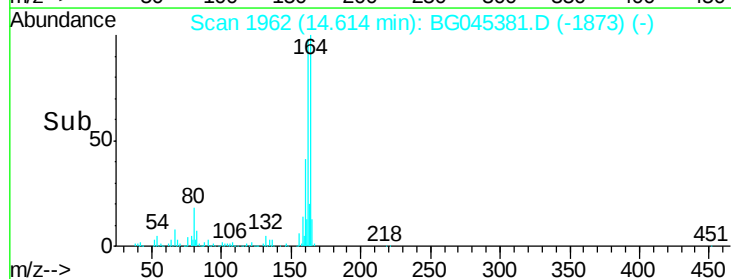
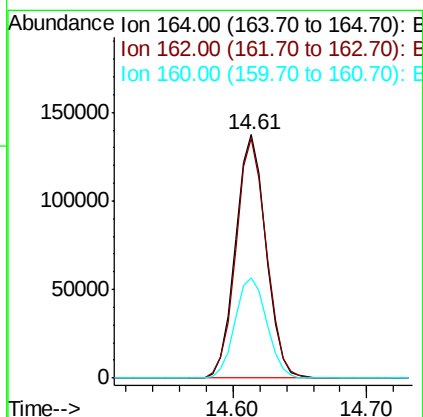
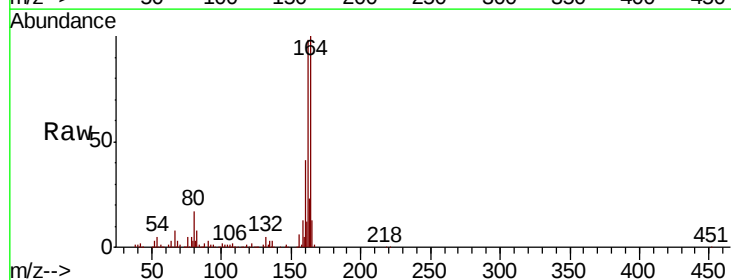
Instrument :
BNA_G
ClientSampleId :
239992

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.0	49.4
54	37.0	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045381.D
Acq: 14 May 2020 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.7	118.1
160	41.1	32.8	49.2

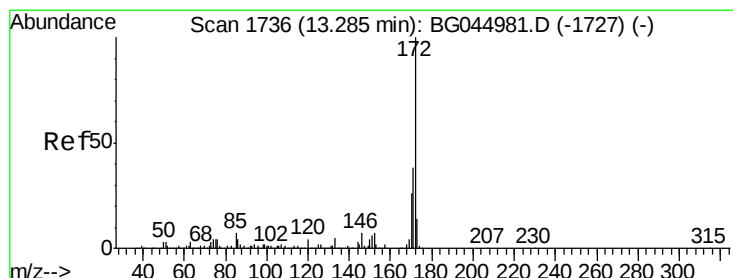
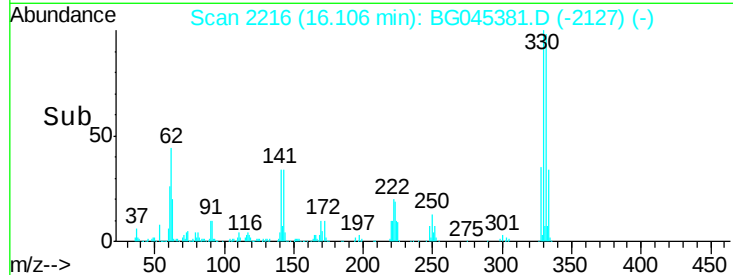
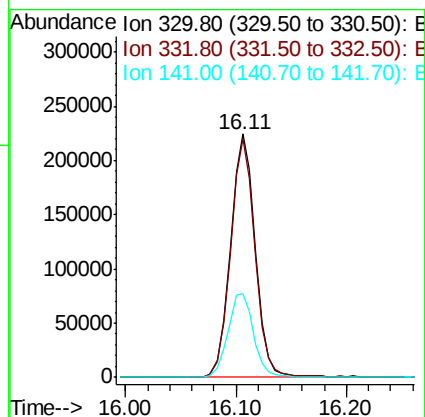
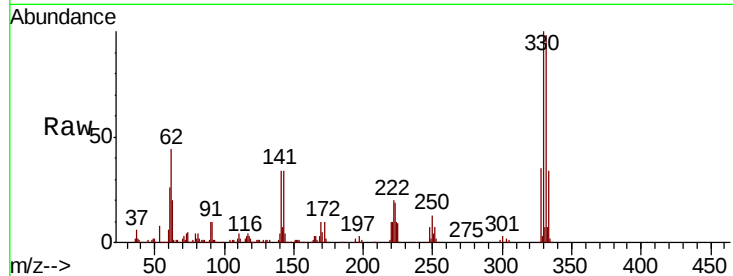




#42
 2,4,6-Tribromophenol
 Concen: 104.583 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045381.D
 Acq: 14 May 2020 17:09

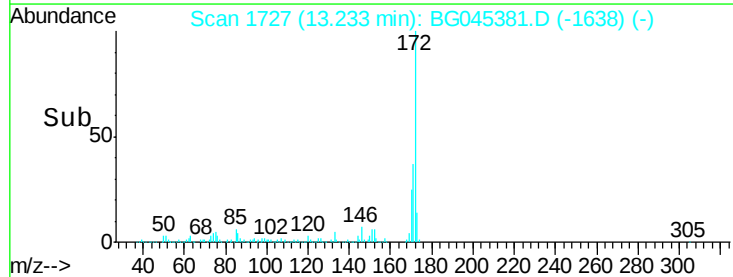
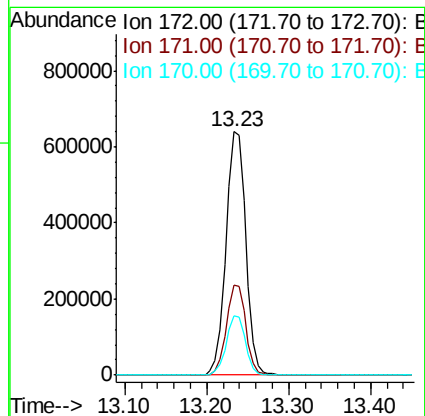
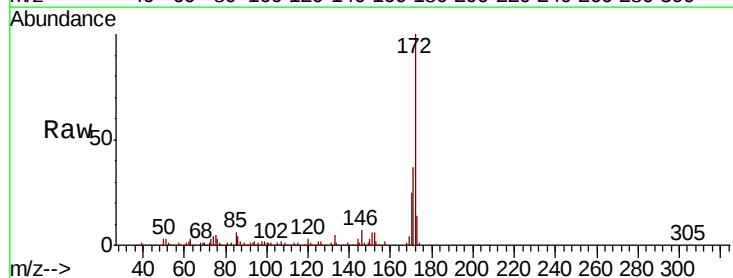
Instrument :
 BNA_G
 ClientSampleId :
 239992

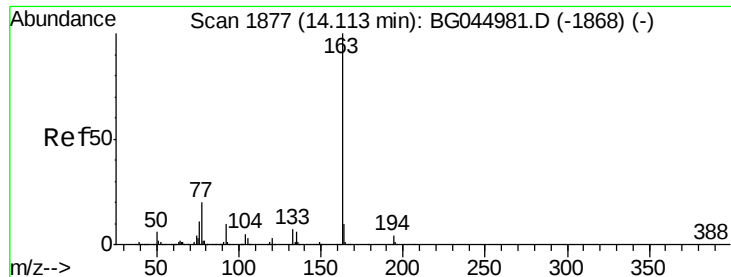
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	35.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 72.954 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045381.D
 Acq: 14 May 2020 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.5	20.5	30.7

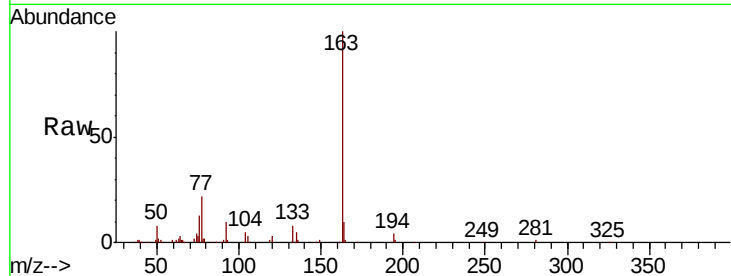




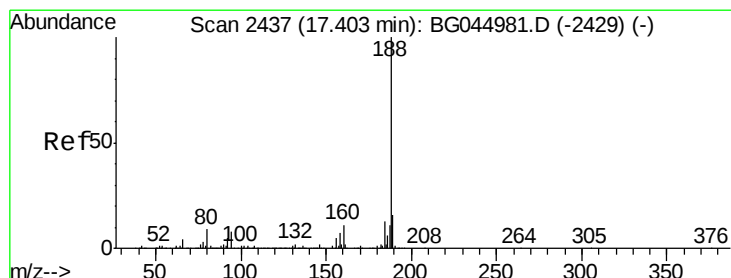
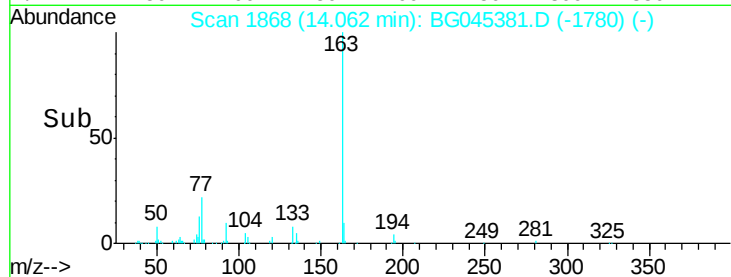
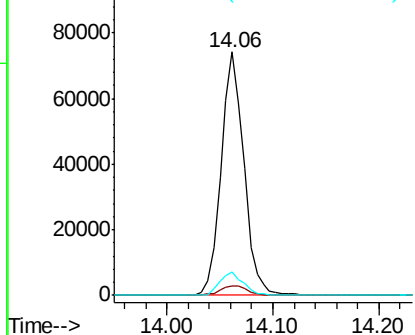
#50
Dimethylphthalate
Concen: 6.320 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045381.D
Acq: 14 May 2020 17:09

Instrument :
BNA_G
ClientSampleId :
239992

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.6	8.2	12.4

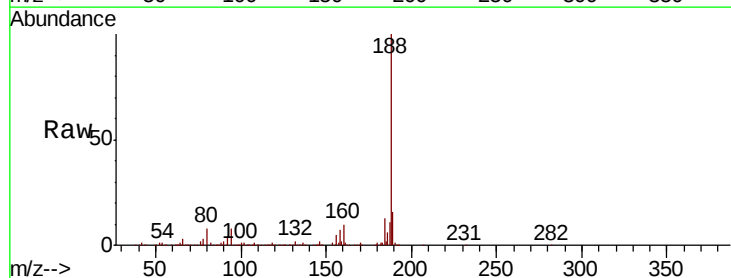


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

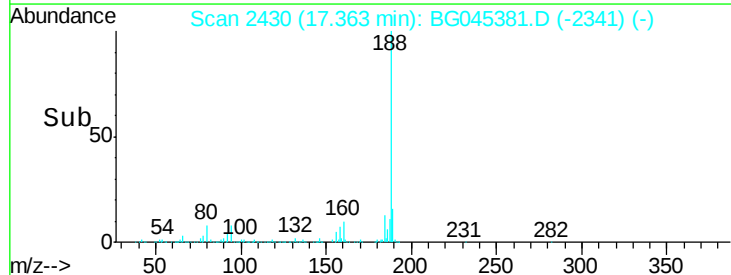
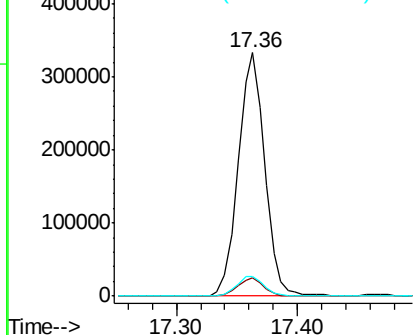


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045381.D
Acq: 14 May 2020 17:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	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): BG
Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045381.D

Acq: 14 May 2020 17:09

Instrument :

BNA_G

ClientSampleId :

239992

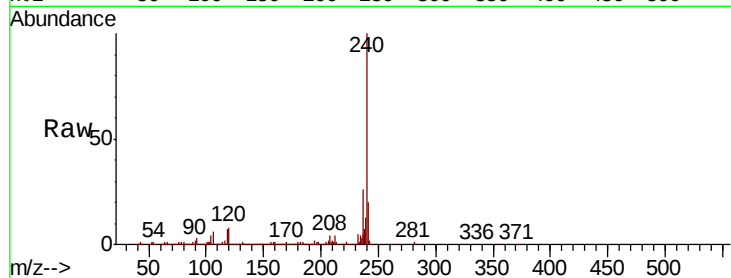
Tot Ion:240 Resp: 503022

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

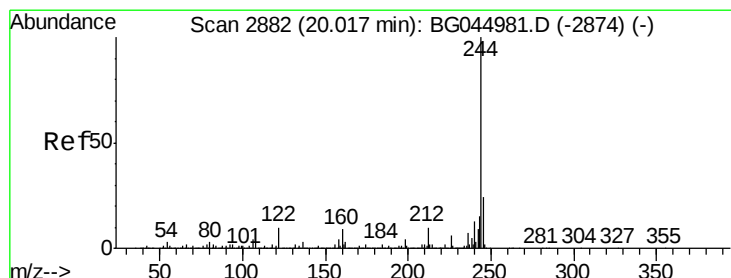
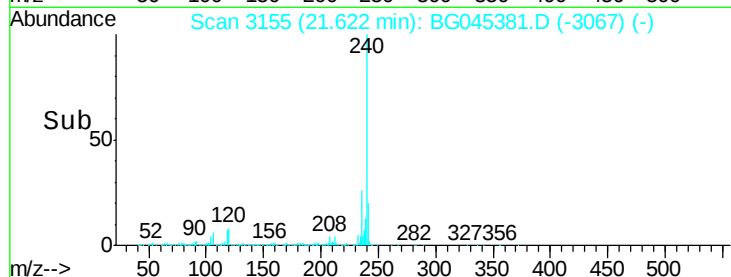
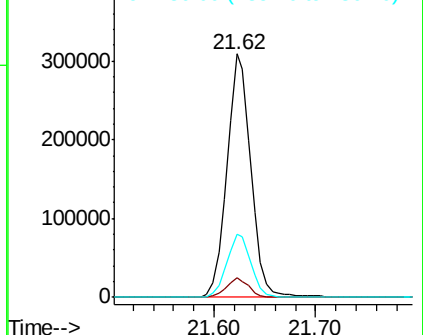
236 26.0 22.2 33.2



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: 82.127 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045381.D

Acq: 14 May 2020 17:09

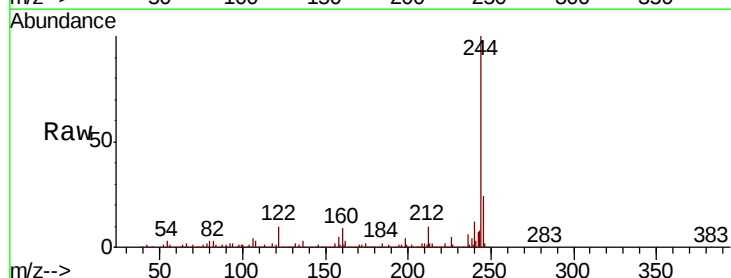
Tgt Ion:244 Resp: 1895408

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

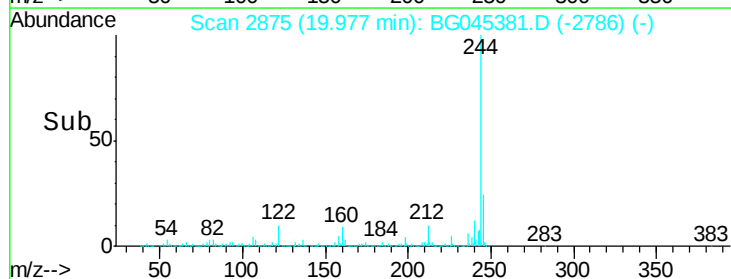
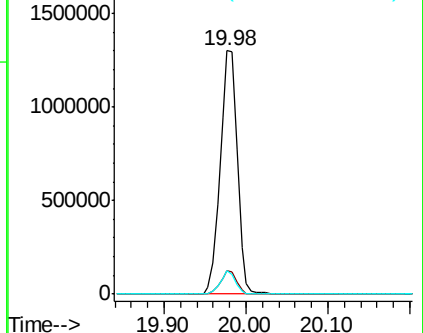
122 9.6 7.7 11.5



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: 24.79 min Scan# 3694
 Delta R.T. -0.01 min
 Lab File: BG045381.D
 Acq: 14 May 2020 17:09

Instrument :
 BNA_G
 ClientSampleId :
 239992

Tot Ion:	264	Resp:	529657
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	19.0	28.4

