

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
 Data File : BG045382.D
 Acq On : 14 May 2020 17:49
 Operator : CG/JU
 Sample : L2605-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239997

Quant Time: May 14 18:38:16 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

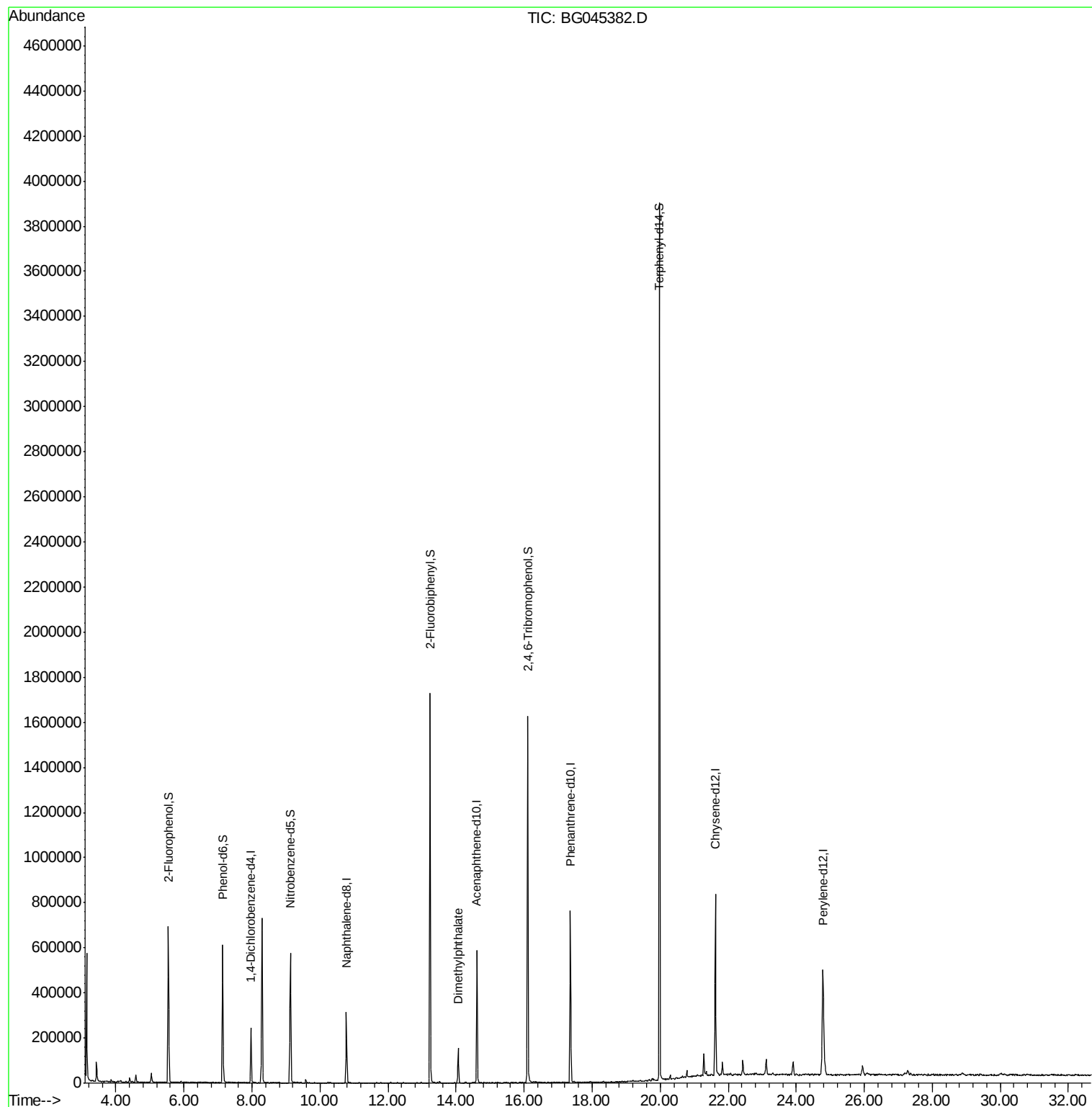
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	72406	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	288075	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	212654	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	500825	20.00	ng	0.00
76) Chrysene-d12	21.62	240	505554	20.00	ng	-0.01
87) Perylene-d12	24.78	264	528720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	339233	77.35	ng	0.00
7) Phenol-d6	7.14	99	416004	63.84	ng	0.00
23) Nitrobenzene-d5	9.13	82	399801	63.33	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	331119	100.79	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	956993	65.99	ng	0.00
79) Terphenyl-d14	19.98	244	1836922	79.19	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	105764	6.108	ng	Qvalue 99

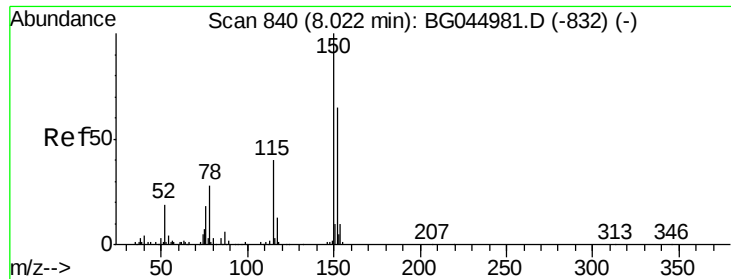
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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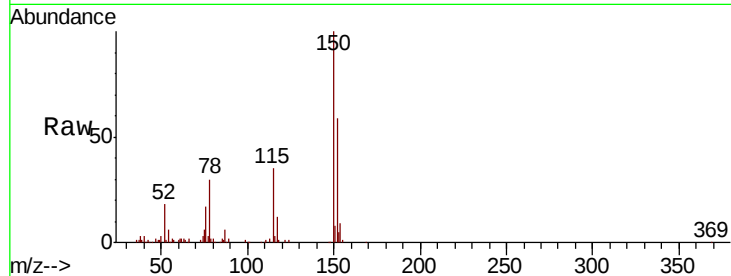


#1

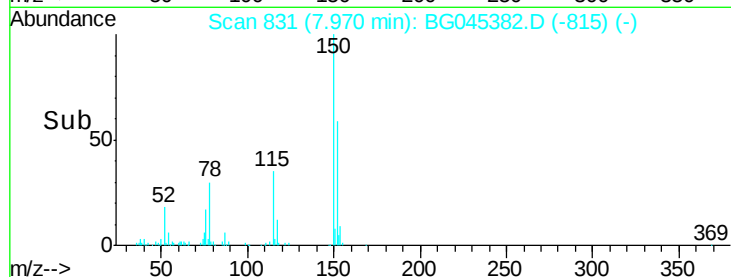
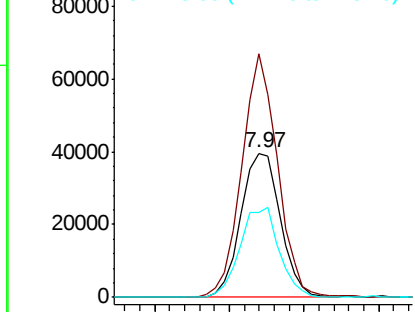
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045382.D
Acq: 14 May 2020 17:49

Instrument :
BNA_G
ClientSampleId :
239997

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.1	123.6	185.4
115	59.3	49.1	73.7



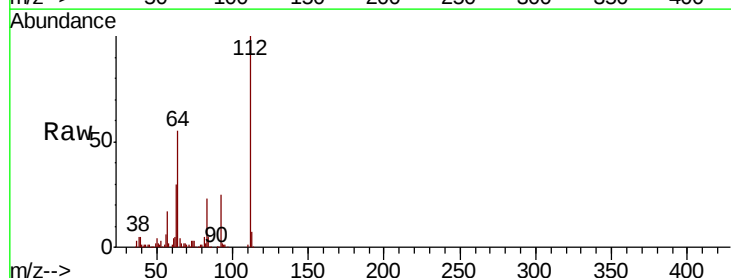
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



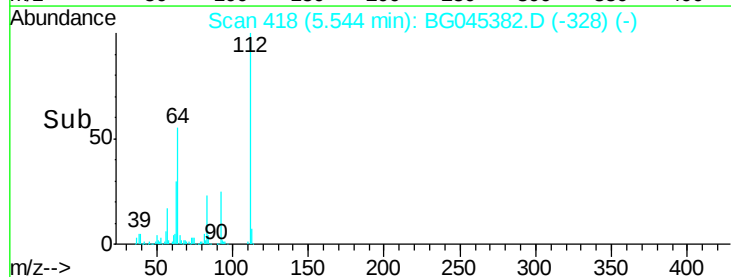
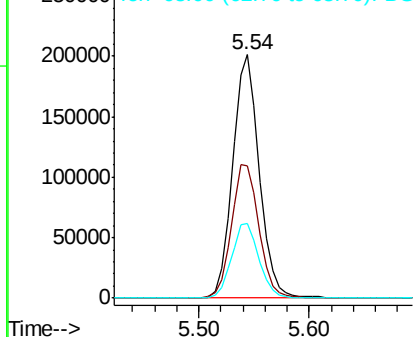
#5

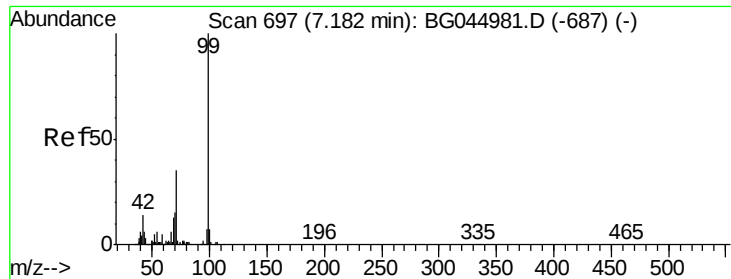
2-Fluorophenol
Concen: 77.349 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045382.D
Acq: 14 May 2020 17:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.4	63.6
63	30.4	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: 63.843 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

Instrument :

BNA_G

ClientSampleId :

239997

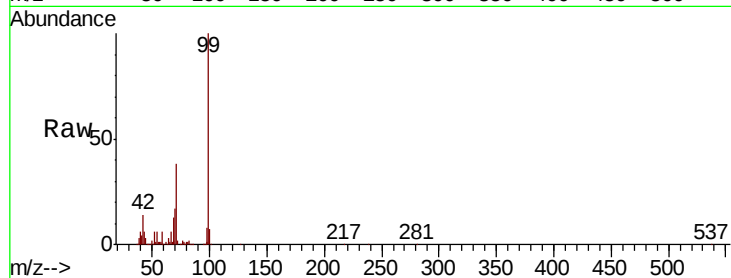
Tot Ion: 99 Resp: 416004

Ion Ratio Lower Upper

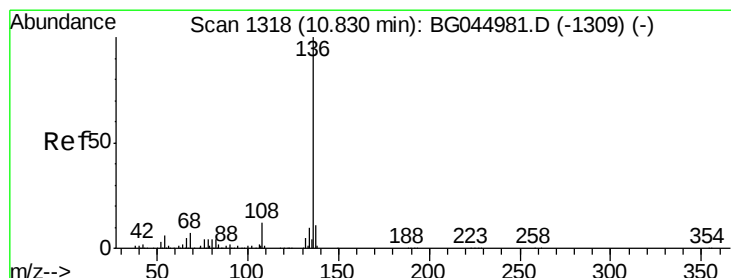
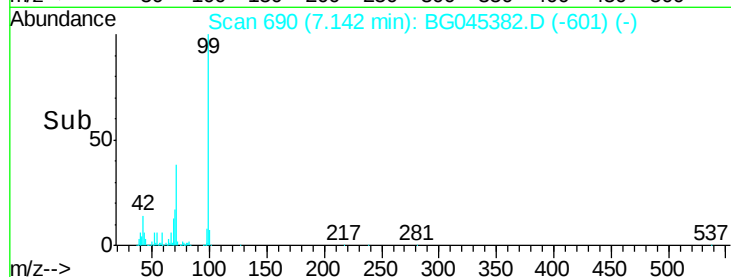
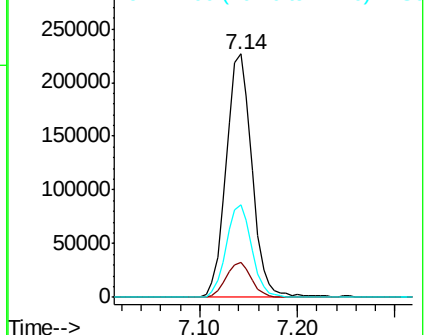
99 100

42 14.1 11.3 16.9

71 38.1 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. -0.01 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

Tgt Ion: 136 Resp: 288075

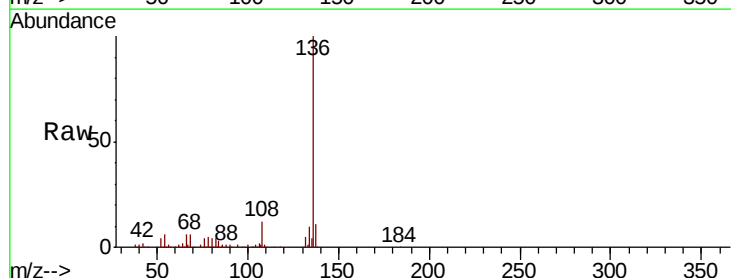
Ion Ratio Lower Upper

136 100

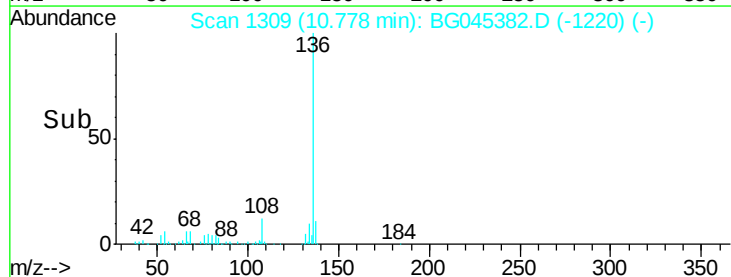
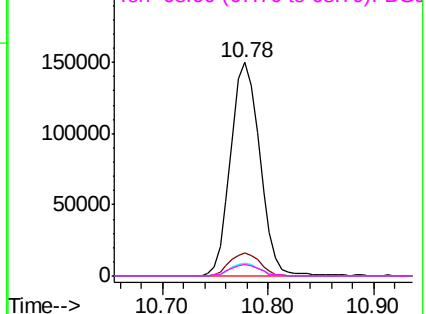
137 10.6 8.6 13.0

54 6.3 4.8 7.2

68 5.7 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

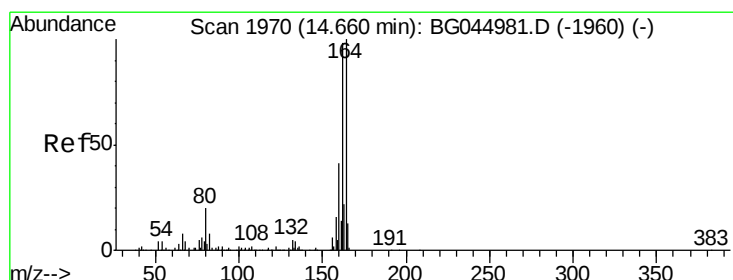
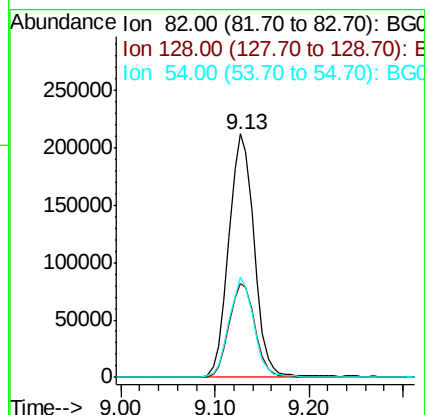
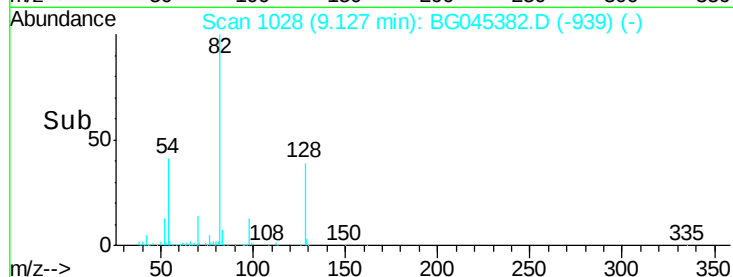
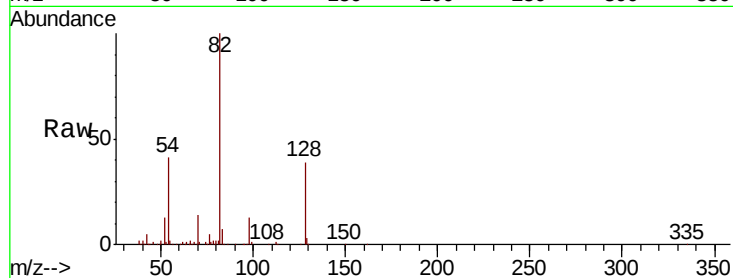




#23
Nitrobenzene-d5
Concen: 63.325 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045382.D
Acq: 14 May 2020 17:49

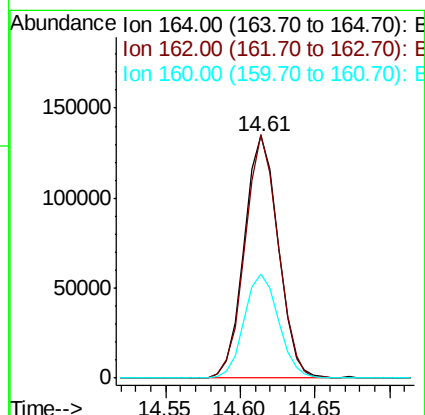
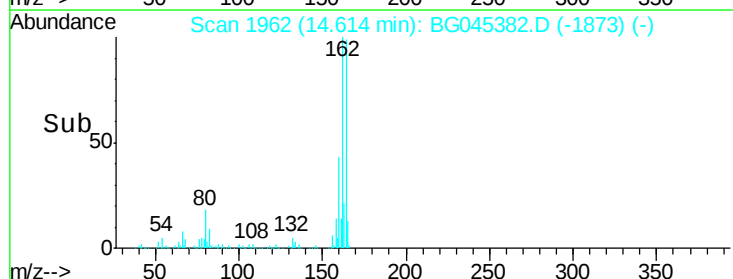
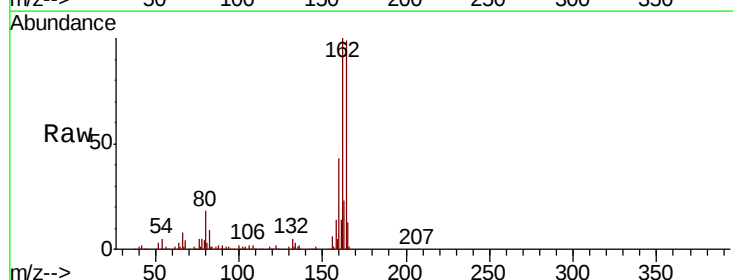
Instrument :
BNA_G
ClientSampled :
239997

Tot Ion	82	Resp	399801
Ion Ratio	Lower	Upper	
82	100		
128	38.6	33.0	49.4
54	41.2	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: BG045382.D
Acq: 14 May 2020 17:49

Tgt Ion	164	Resp	212654
Ion Ratio	Lower	Upper	
164	100		
162	100.6	78.7	118.1
160	42.7	32.8	49.2

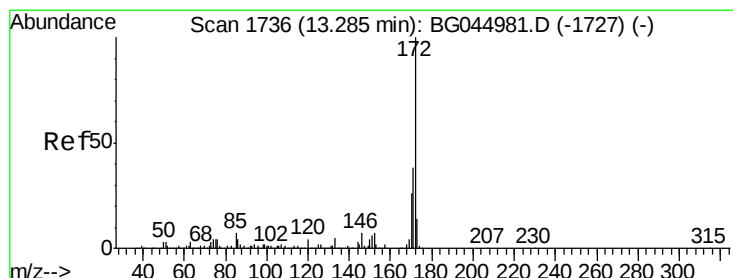
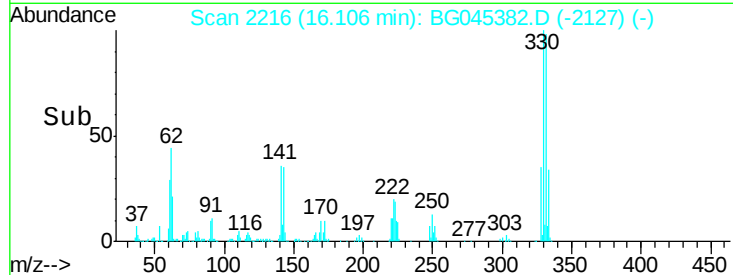
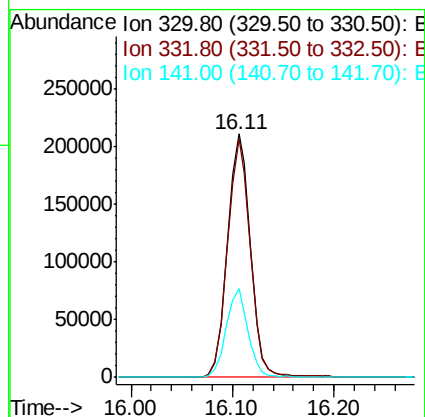
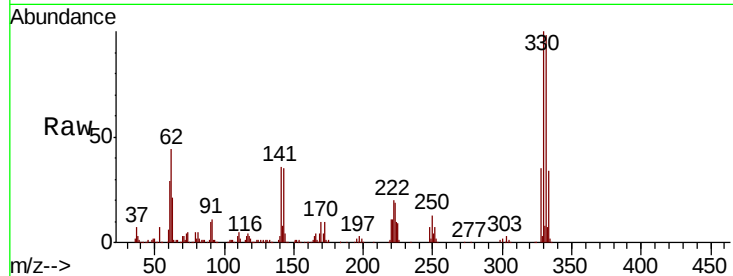




#42
 2,4,6-Tribromophenol
 Concen: 100.790 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045382.D
 Acq: 14 May 2020 17:49

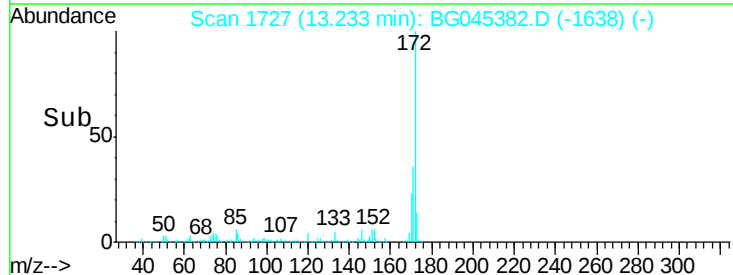
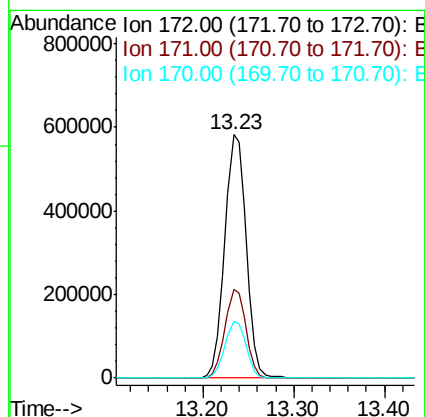
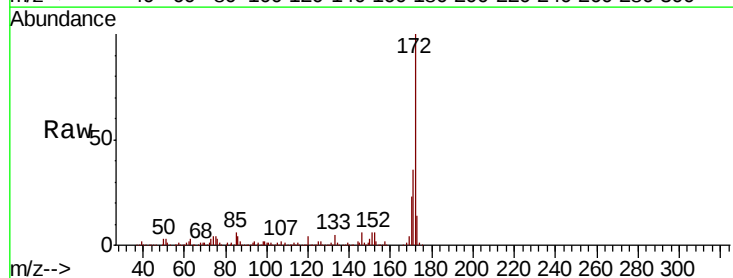
Instrument :
 BNA_G
 ClientSampled :
 239997

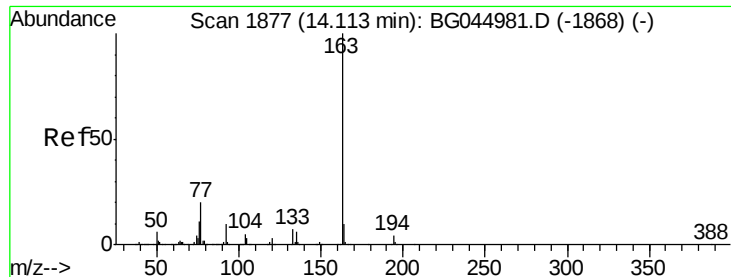
Tot Ion:	330	Resp:	331119
Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	35.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 65.988 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045382.D
 Acq: 14 May 2020 17:49

Tgt Ion:	172	Resp:	956993
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	23.3	20.5	30.7





#50

Dimethylphthalate

Concen: 6.108 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

Instrument :

BNA_G

ClientSampleId :

239997

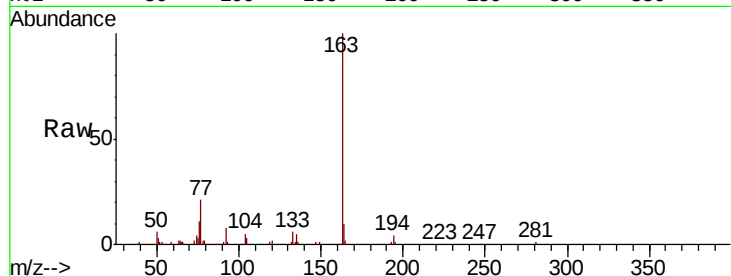
Tot Ion:163 Resp: 105764

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

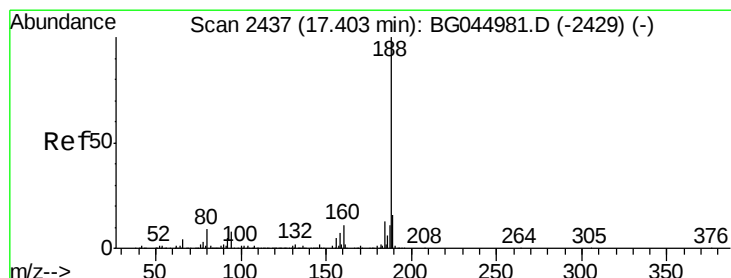
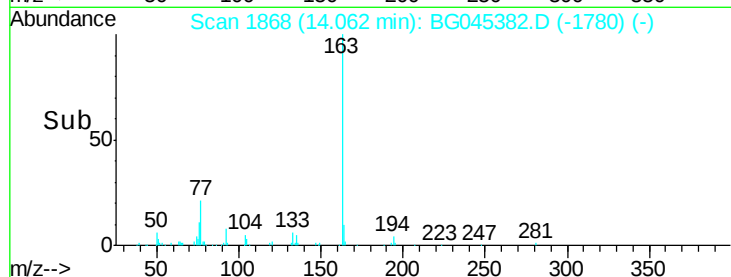
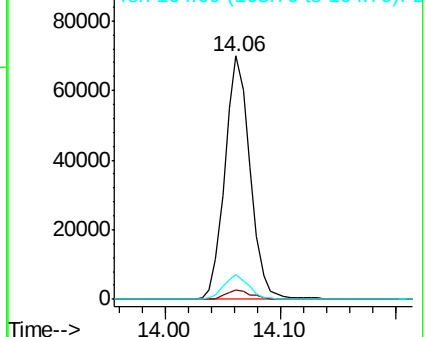
164 10.2 8.2 12.4



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# 2430

Delta R.T. -0.00 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

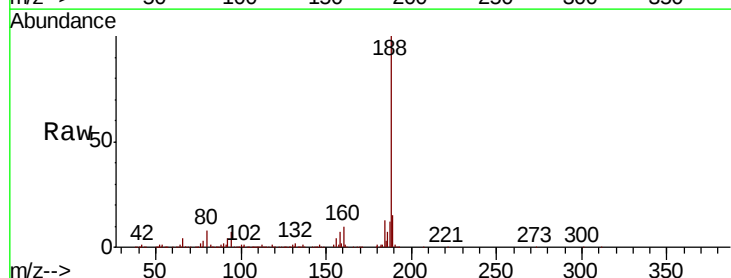
Tgt Ion:188 Resp: 500825

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

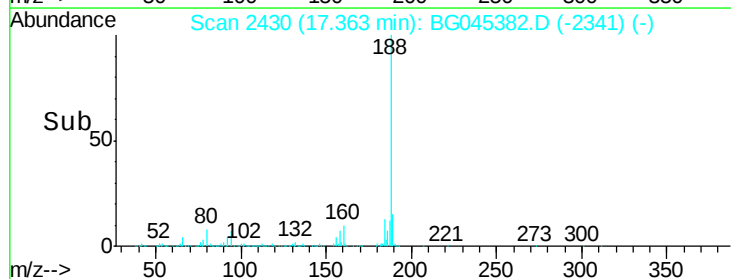
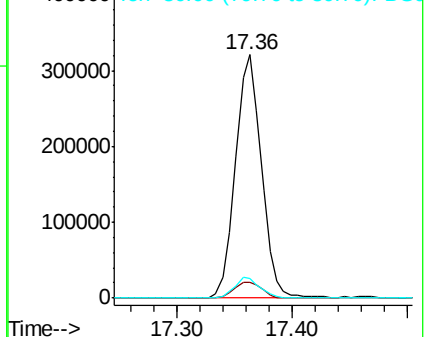
80 7.9 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

Instrument :

BNA_G

ClientSampleId :

239997

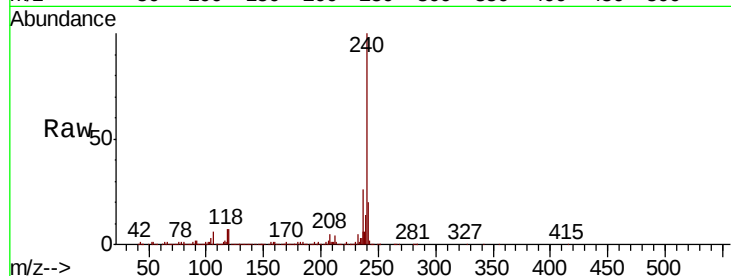
Tot Ion:240 Resp: 505554

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

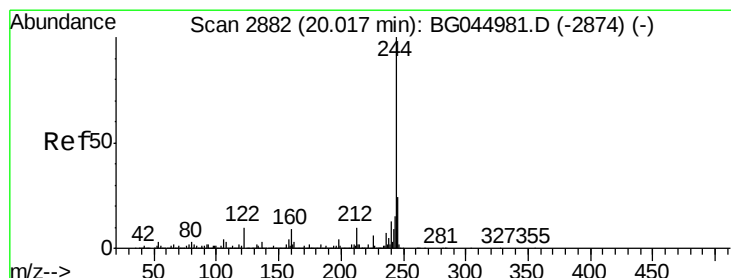
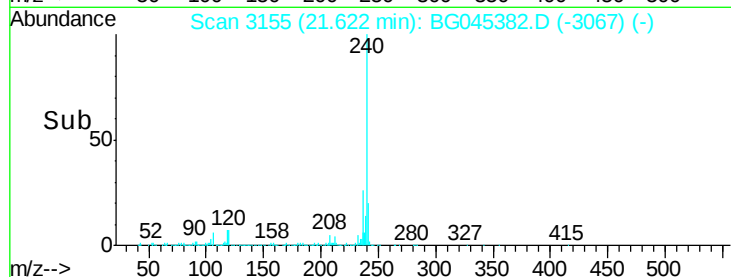
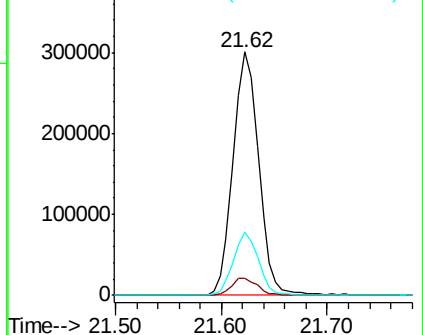
236 26.0 22.2 33.2



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: 79.194 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045382.D

Acq: 14 May 2020 17:49

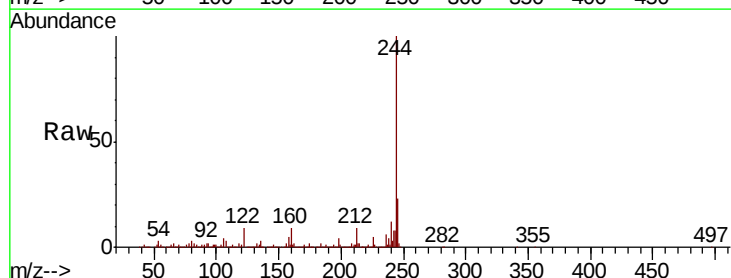
Tgt Ion:244 Resp: 1836922

Ion Ratio Lower Upper

244 100

212 9.3 7.9 11.9

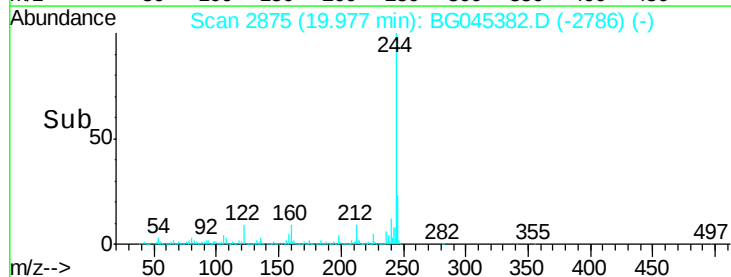
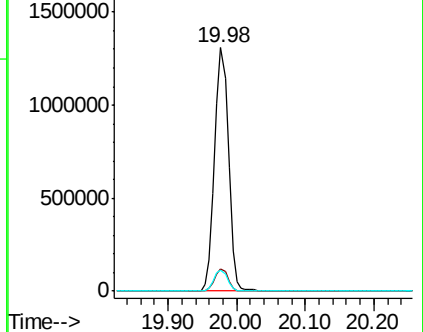
122 8.8 7.7 11.5

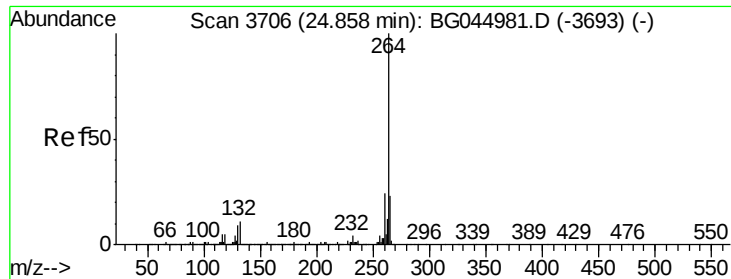


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045382.D
Acq: 14 May 2020 17:49

Instrument :
BNA_G
ClientSampleId :
239997

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	19.0	28.4

