

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045350.D
 Acq On : 13 May 2020 6:23
 Operator : CG/JU
 Sample : L2573-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-604

Quant Time: May 13 07:15:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

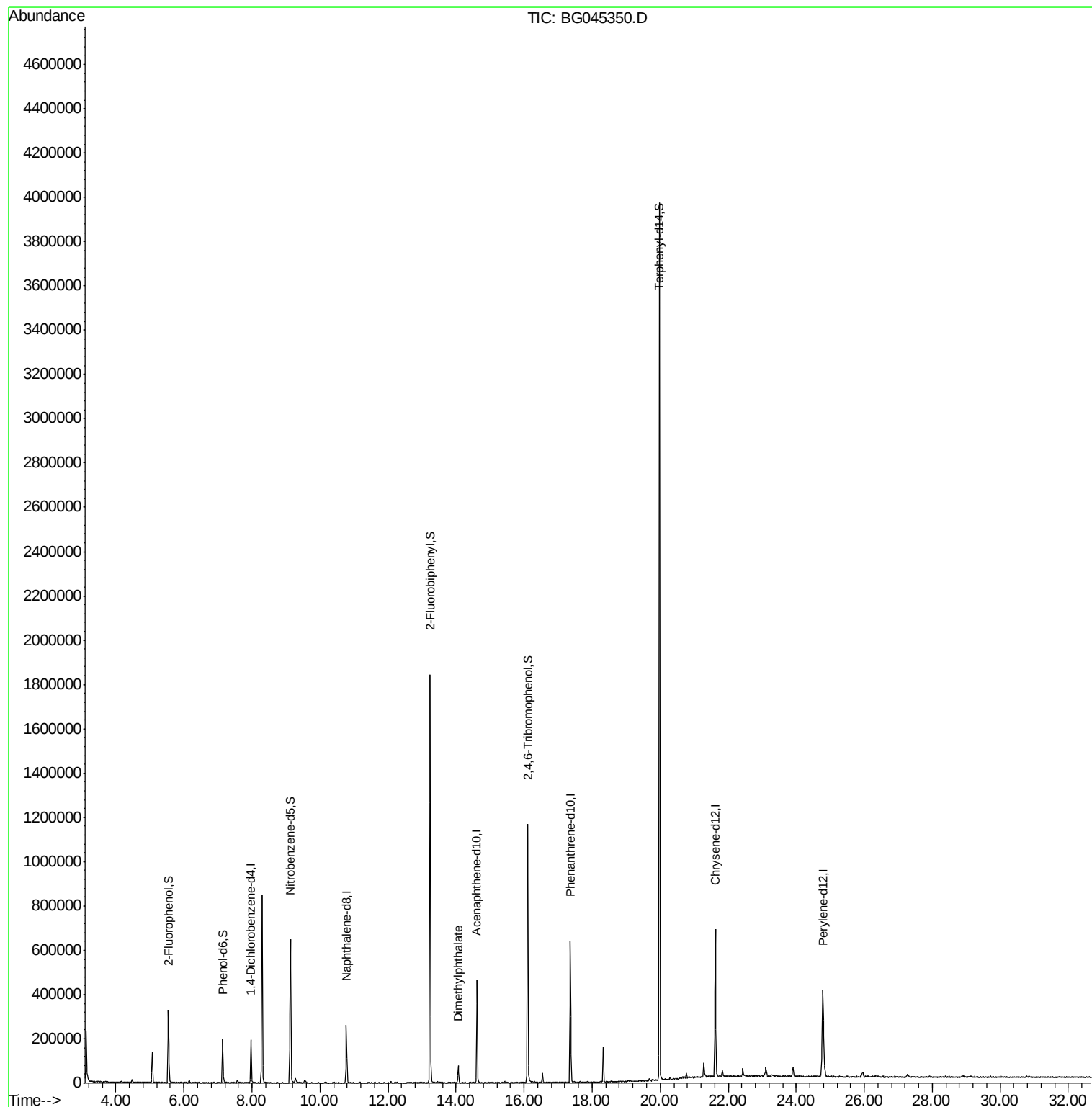
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	57358	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	229439	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	166671	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	412938	20.00	ng	0.00
76) Chrysene-d12	21.62	240	426275	20.00	ng	0.00
87) Perylene-d12	24.78	264	454878	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	156941	45.17	ng	0.00
7) Phenol-d6	7.14	99	136503	26.44	ng	0.00
23) Nitrobenzene-d5	9.13	82	454173	90.32	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	242316	94.11	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1019403	89.68	ng	0.00
79) Terphenyl-d14	19.98	244	1916661	98.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	52808	3.891	ng	Qvalue 99

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

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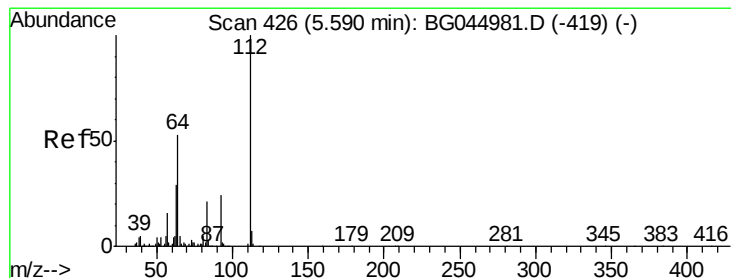
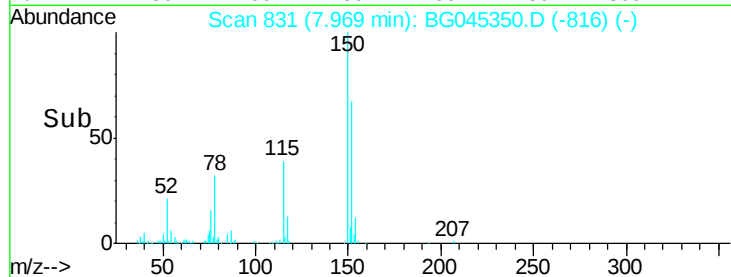
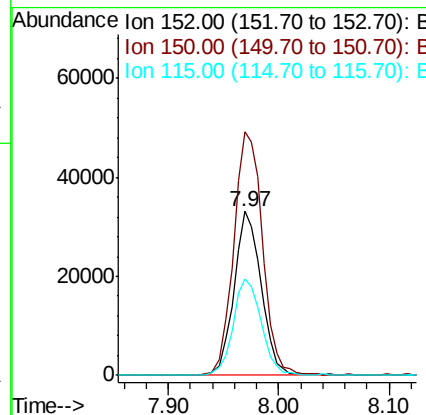
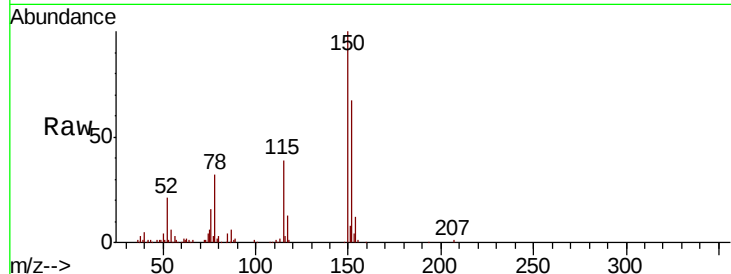


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

Instrument :
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 ClientSampleId :
 TI-604

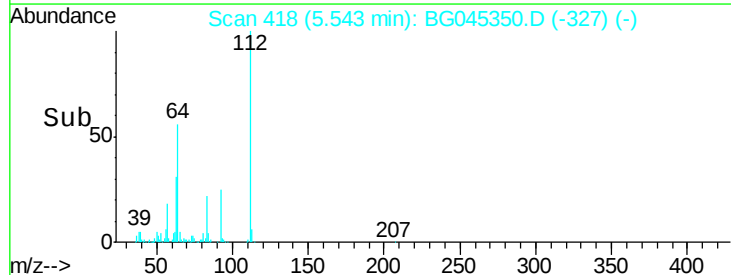
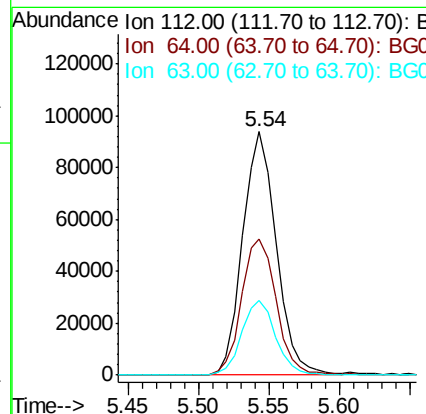
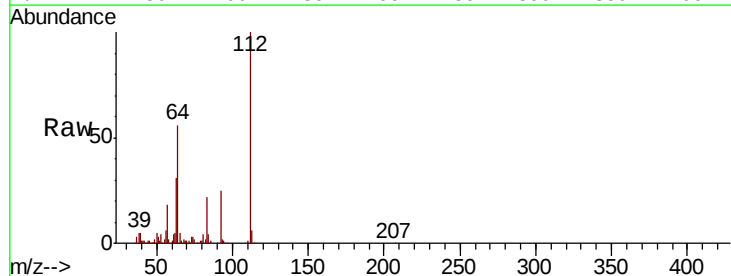
Tot Ion	152	Resp	57358
Ion Ratio	Lower	Upper	
152	100		
150	148.7	123.6	185.4
115	58.6	49.1	73.7



#5

2-Fluorophenol
 Concen: 45.173 ng
 RT: 5.54 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

Tgt Ion	112	Resp	156941
Ion Ratio	Lower	Upper	
112	100		
64	55.8	42.4	63.6
63	30.8	23.1	34.7





#7

Phenol-d6

Concen: 26.445 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045350.D

Acq: 13 May 2020 6:23

Instrument :

BNA_G

ClientSampleId :

TI-604

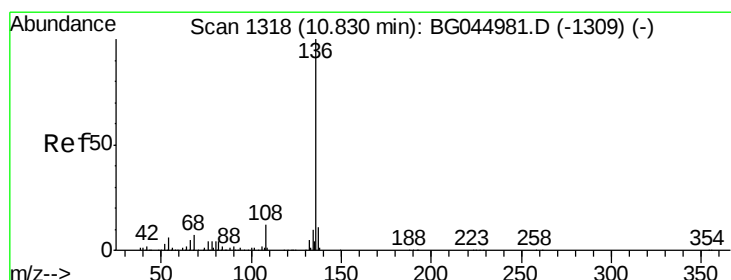
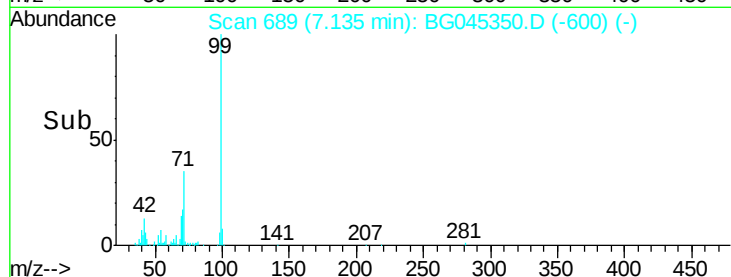
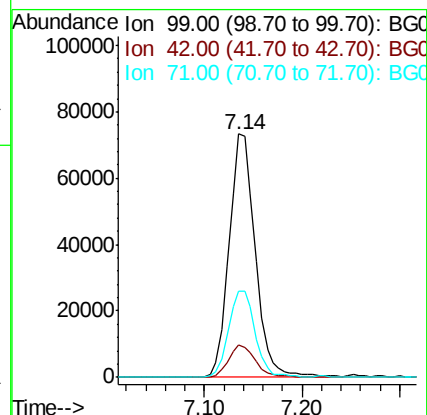
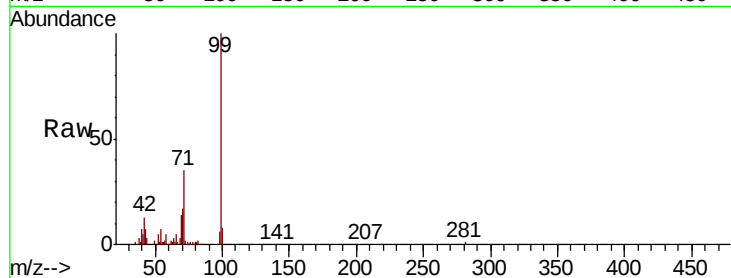
Tot Ion: 99 Resp: 136503

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

71 35.4 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045350.D

Acq: 13 May 2020 6:23

Tgt Ion: 136 Resp: 229439

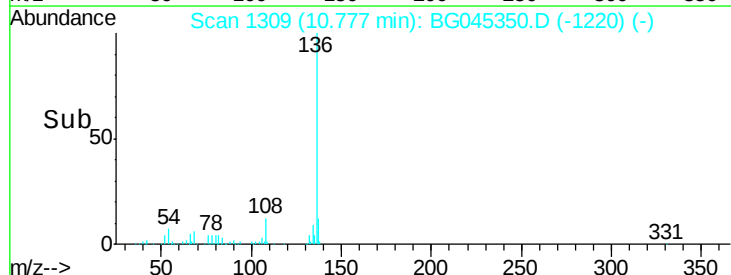
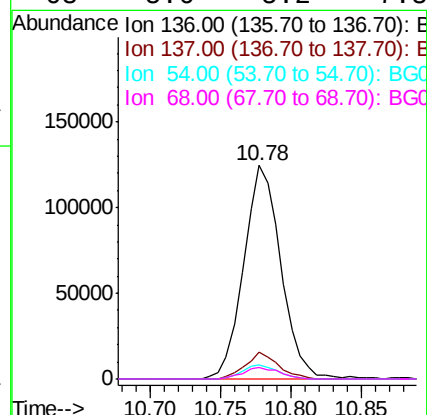
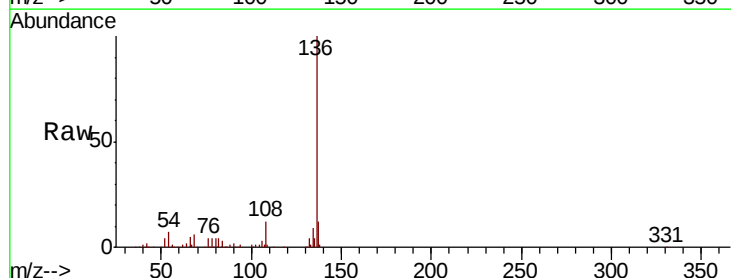
Ion Ratio Lower Upper

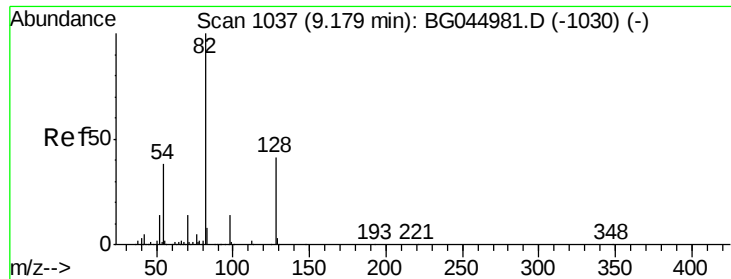
136 100

137 12.5 8.6 13.0

54 6.6 4.8 7.2

68 5.6 5.2 7.8

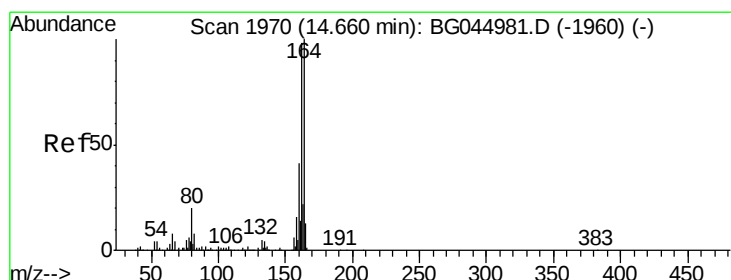
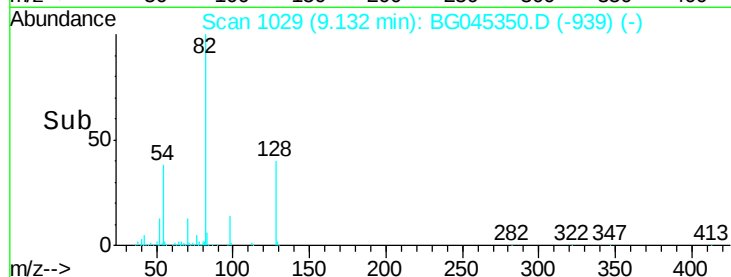
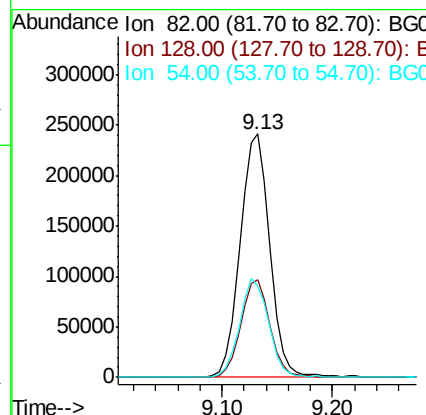
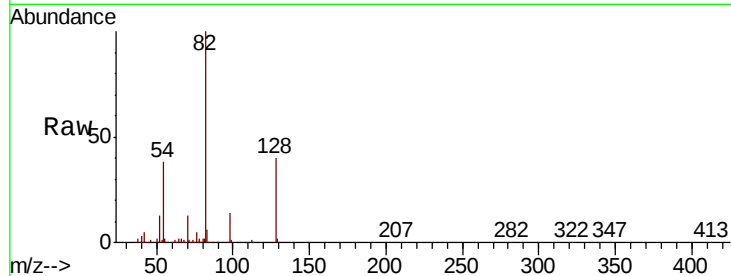




#23
 Nitrobenzene-d5
 Concen: 90.322 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

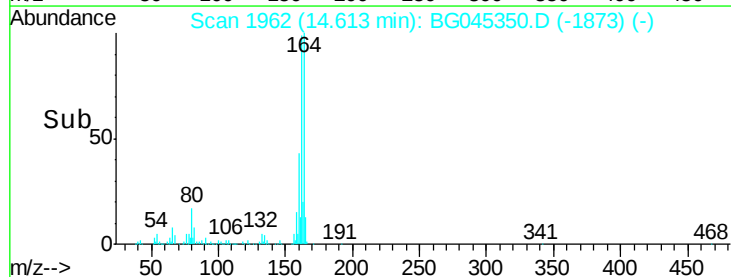
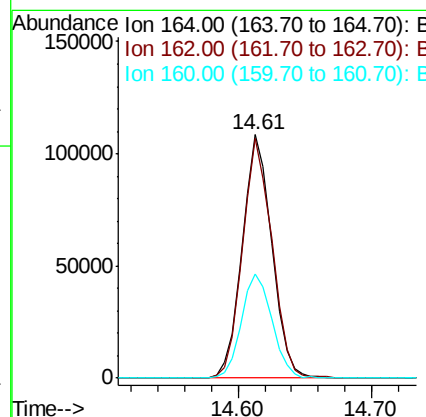
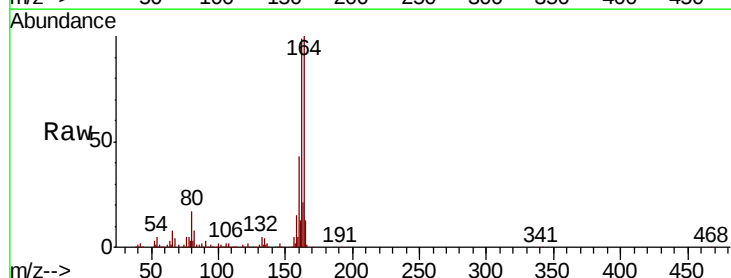
Instrument :
 BNA_G
 ClientSampleId :
 TI-604

Tot Ion	82	Resp	454173
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	37.7	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

Tgt Ion	164	Resp	166671
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.7	118.1
160	42.7	32.8	49.2

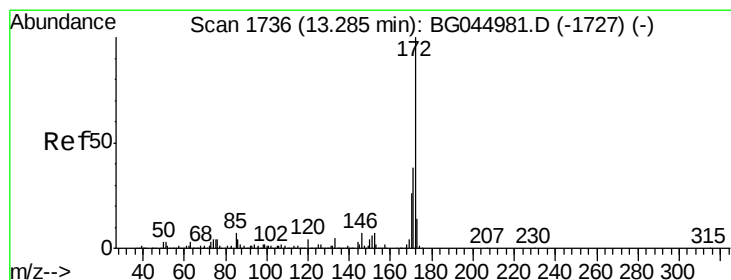
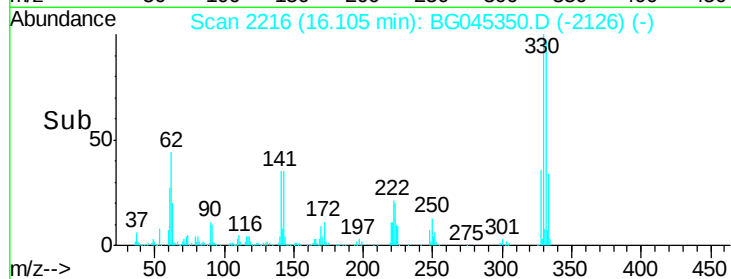
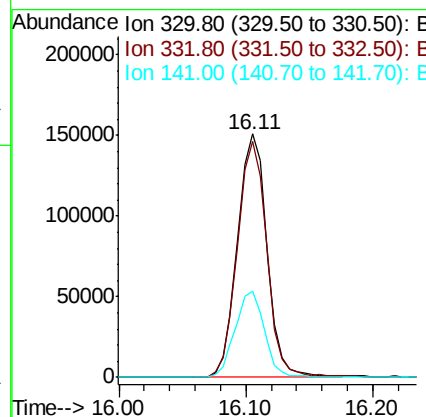
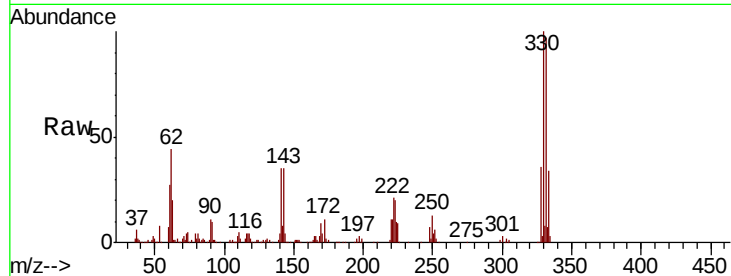




#42
 2,4,6-Tribromophenol
 Concen: 94.109 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

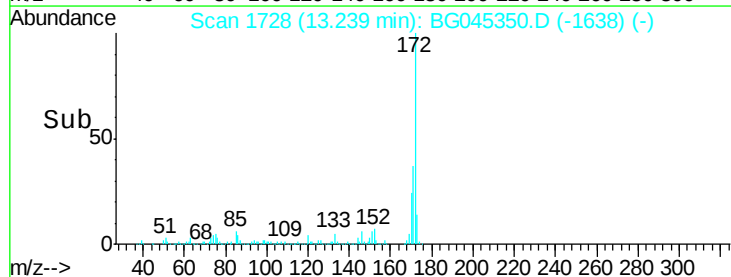
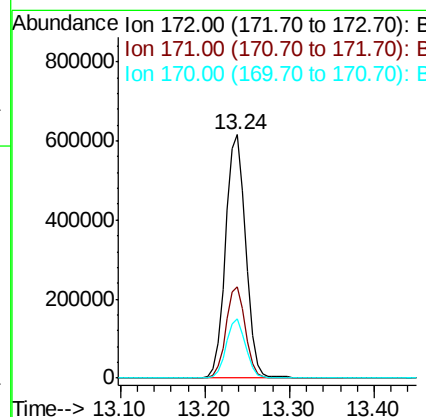
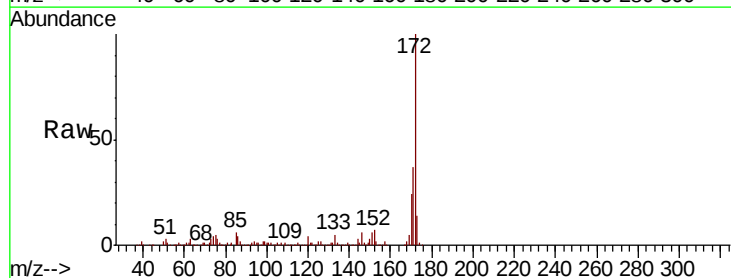
Instrument :
 BNA_G
 ClientSampled :
 TI-604

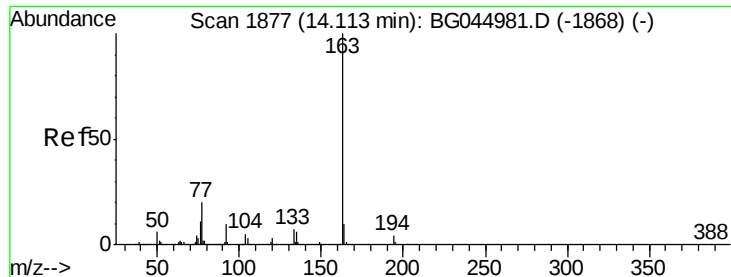
Tot Ion:	330	Resp:	242316
Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	35.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 89.684 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045350.D
 Acq: 13 May 2020 6:23

Tgt Ion:	172	Resp:	1019403
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.4	20.5	30.7





#50

Dimethylphthalate

Concen: 3.891 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045350.D

Acq: 13 May 2020 6:23

Instrument :

BNA_G

ClientSampleId :

TI-604

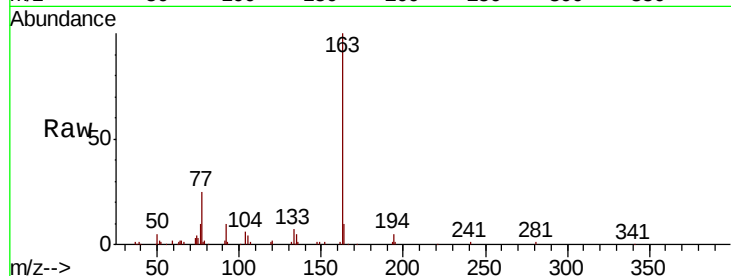
Tot Ion:163 Resp: 52808

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

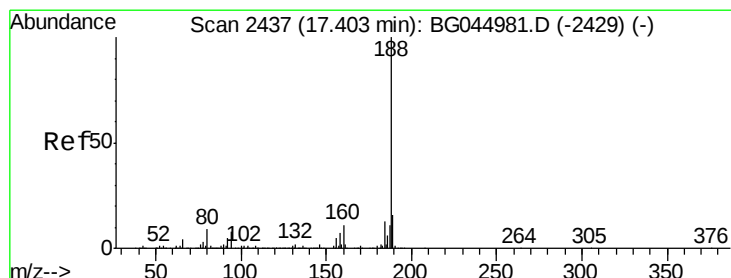
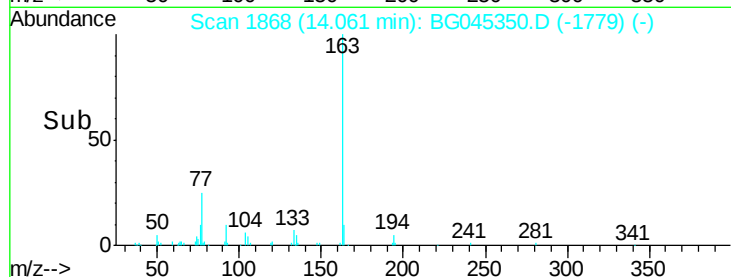
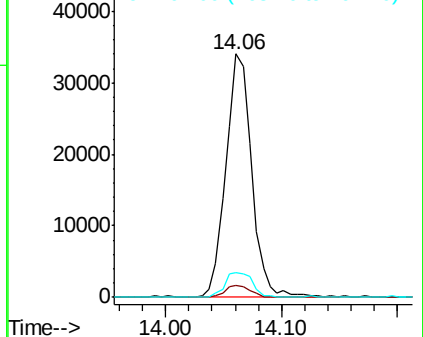
164 10.3 8.2 12.4



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: BG045350.D

Acq: 13 May 2020 6:23

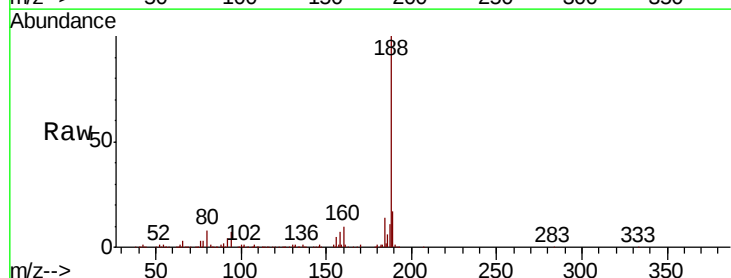
Tgt Ion:188 Resp: 412938

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

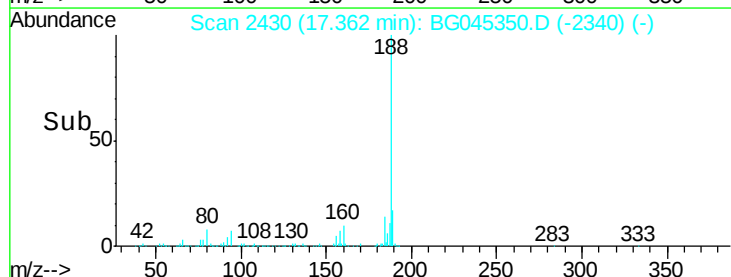
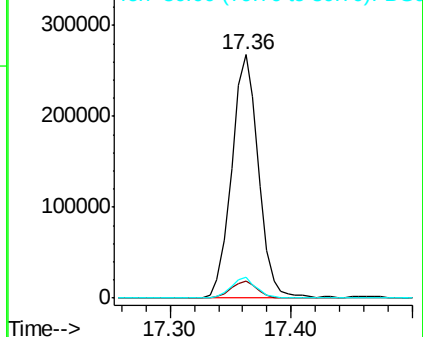
80 8.5 7.0 10.6



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

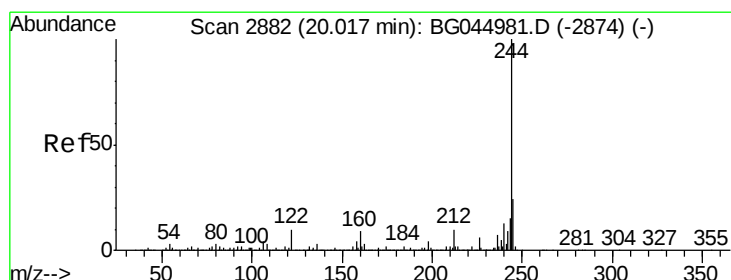
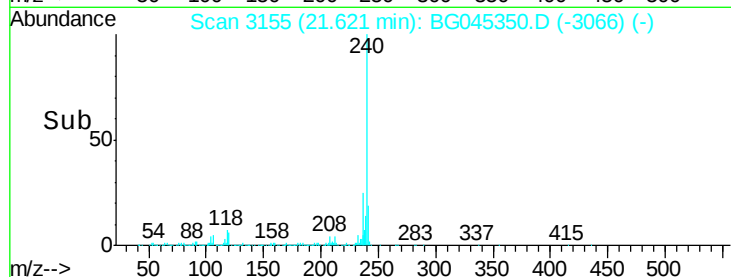
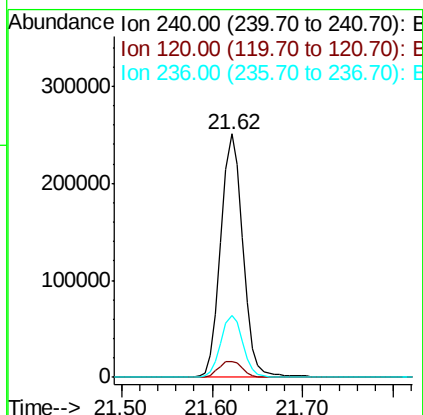
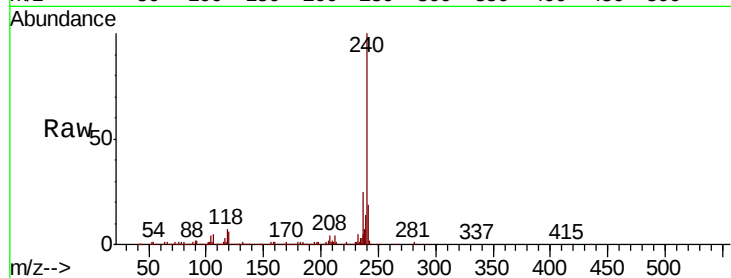




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045350.D
Acq: 13 May 2020 6:23

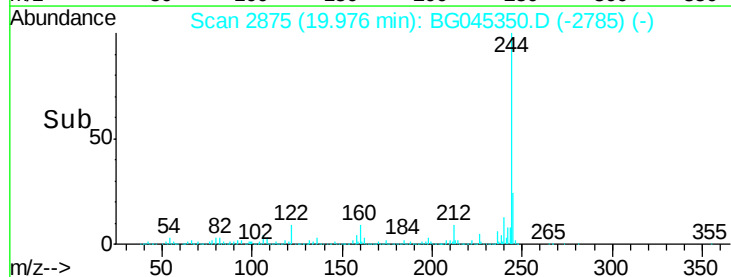
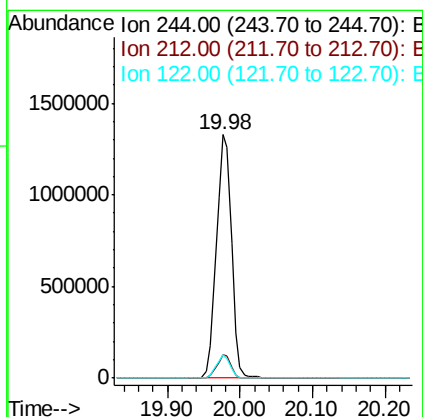
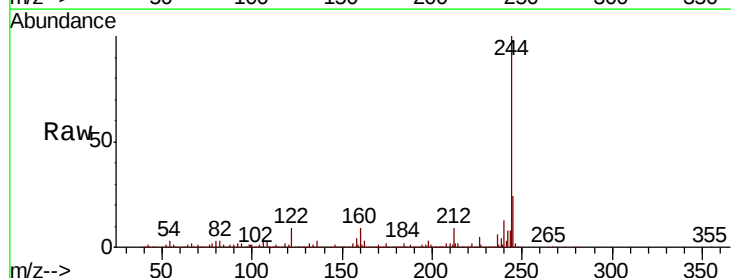
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Tot Ion:240 Resp: 426275
Ion Ratio Lower Upper
240 100
120 6.3 6.6 10.0#
236 25.4 22.2 33.2



#79
Terphenyl-d14
Concen: 98.000 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045350.D
Acq: 13 May 2020 6:23

Tgt Ion:244 Resp: 1916661
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 9.4 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: BG045350.D
Acq: 13 May 2020 6:23

Instrument :
BNA_G
ClientSampleId :
TI-604

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	22.0	19.0	28.4

