

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045311.D
 Acq On : 12 May 2020 2:03
 Operator : CG/JU
 Sample : L2531-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14A

Quant Time: May 12 03:30:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

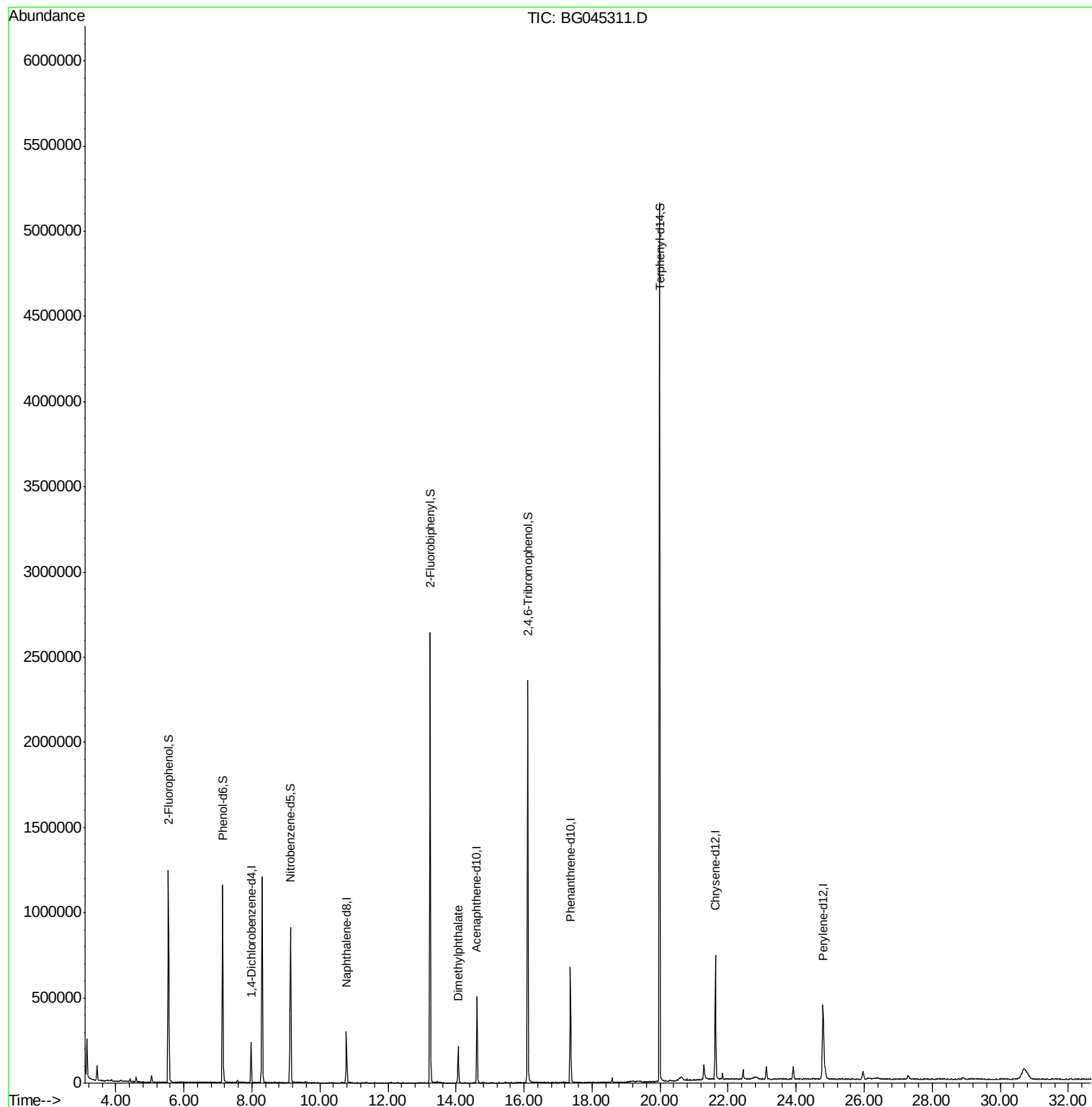
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	71349	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	276285	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	195403	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	440157	20.00	ng	0.00
76) Chrysene-d12	21.62	240	468953	20.00	ng	-0.02
87) Perylene-d12	24.79	264	500810	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	597382	138.23	ng	0.00
7) Phenol-d6	7.14	99	777931	121.15	ng	0.00
23) Nitrobenzene-d5	9.14	82	639959	105.69	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	464595	153.90	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1420583	106.60	ng	0.00
79) Terphenyl-d14	19.99	244	2398542	111.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	147109	9.25	ng	Qvalue 98

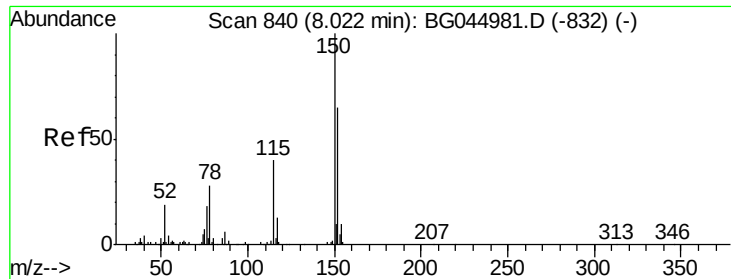
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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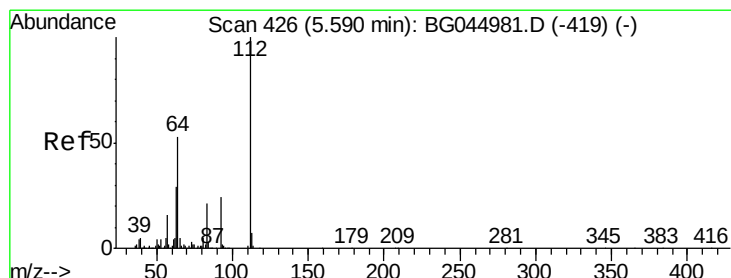
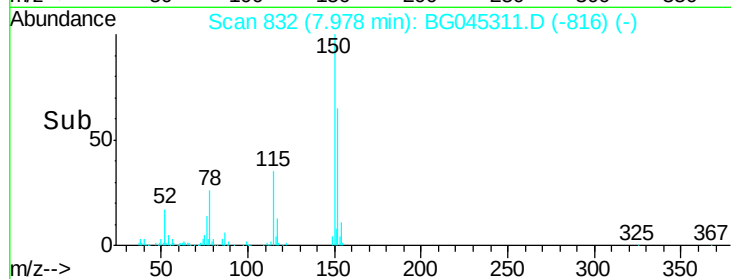
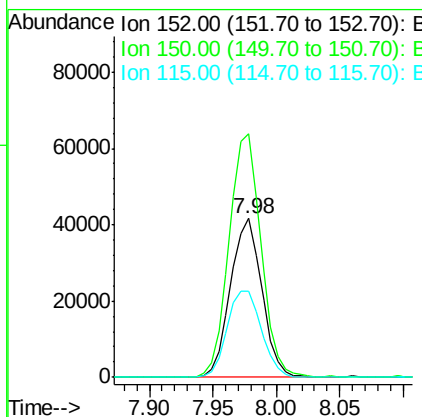
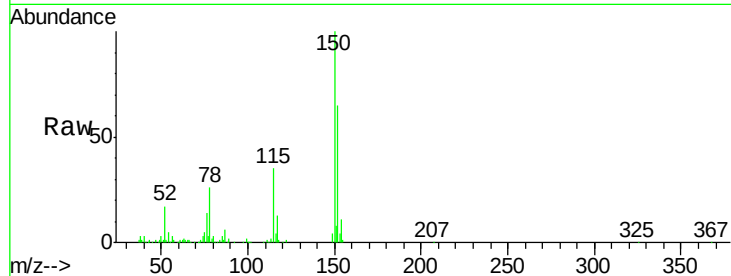


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045311.D
Acq: 12 May 2020 2:03

Instrument :
BNA_G
ClientSampleId :
TP-14A

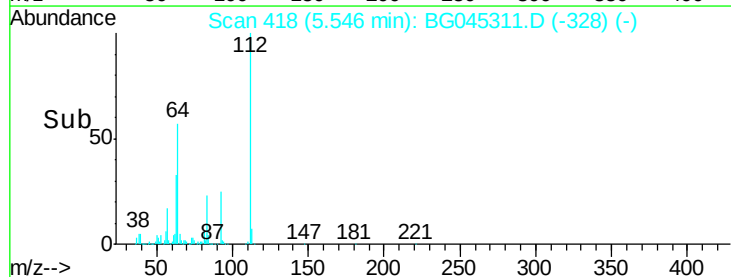
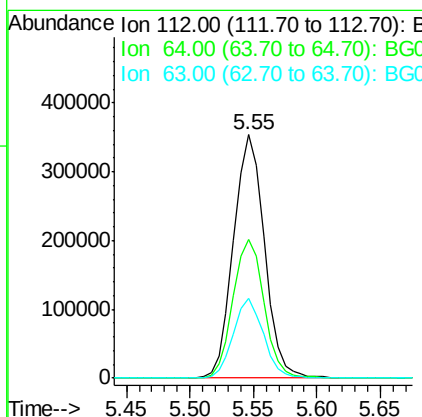
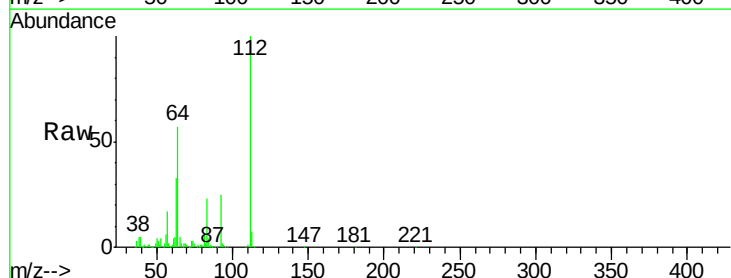
Tgt Ion:152 Resp: 71349
Ion Ratio Lower Upper
152 100
150 153.1 123.6 185.4
115 54.2 49.1 73.7

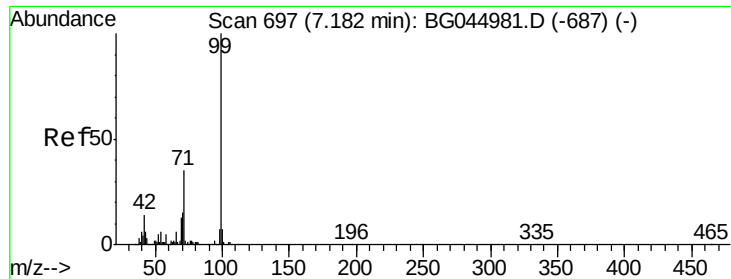


#5

2-Fluorophenol
Concen: 138.23 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045311.D
Acq: 12 May 2020 2:03

Tgt Ion:112 Resp: 597382
Ion Ratio Lower Upper
112 100
64 56.9 42.4 63.6
63 33.0 23.1 34.7





#7

Phenol-d6

Concen: 121.15 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

Instrument :

BNA_G

ClientSampled :

TP-14A

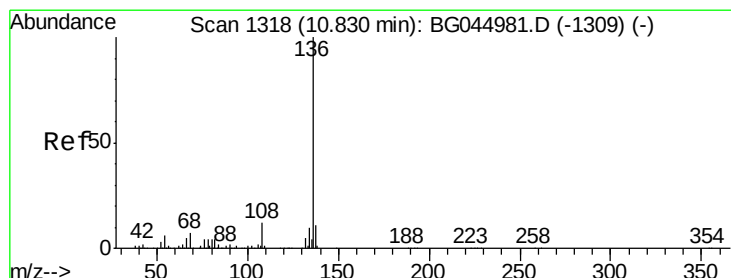
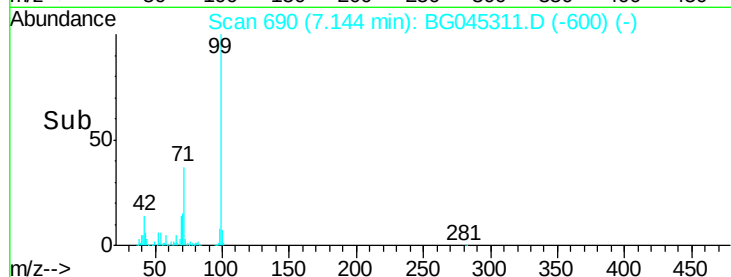
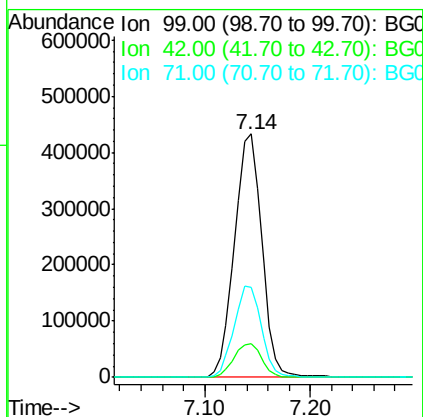
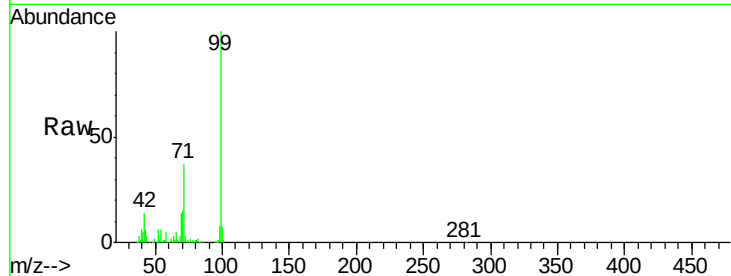
Tgt Ion: 99 Resp: 777931

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

71 37.1 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

Tgt Ion: 136 Resp: 276285

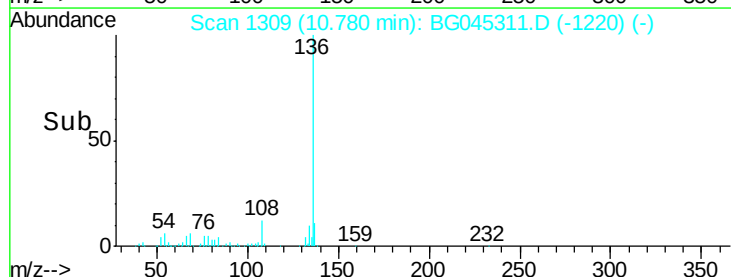
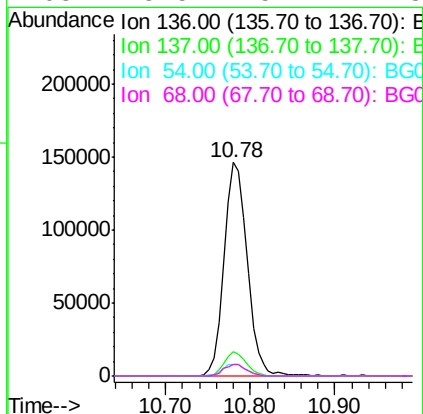
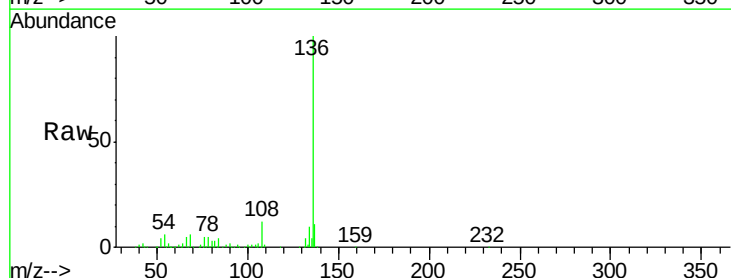
Ion Ratio Lower Upper

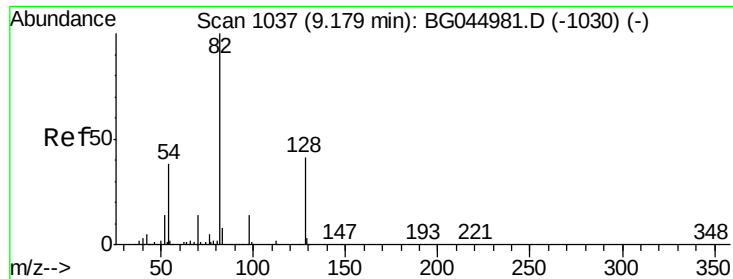
136 100

137 11.4 8.6 13.0

54 5.7 4.8 7.2

68 5.5 5.2 7.8

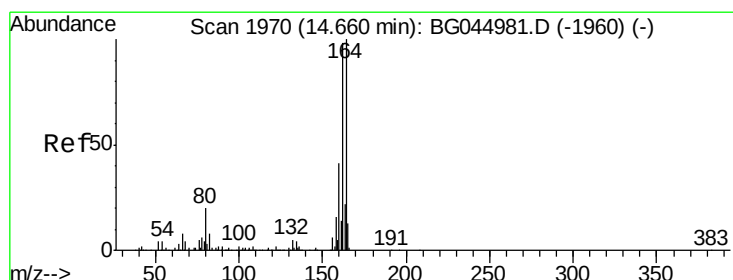
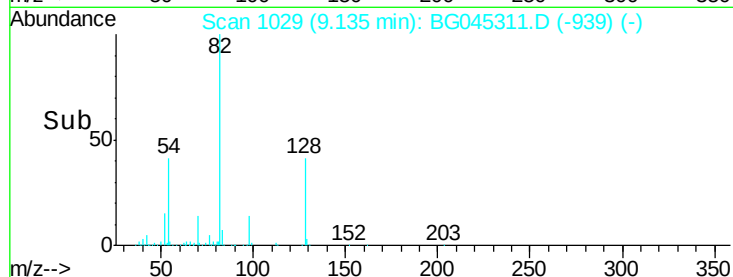
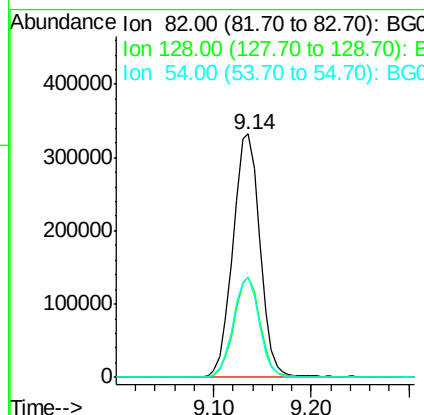
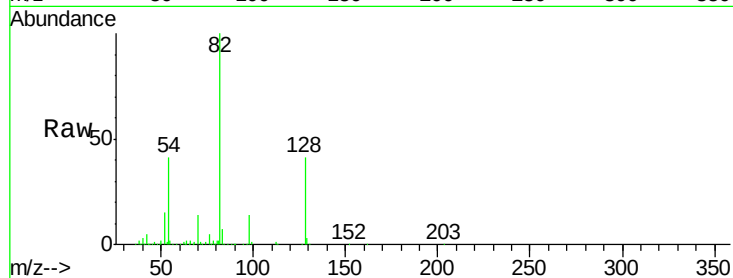




#23
 Nitrobenzene-d5
 Concen: 105.69 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045311.D
 Acq: 12 May 2020 2:03

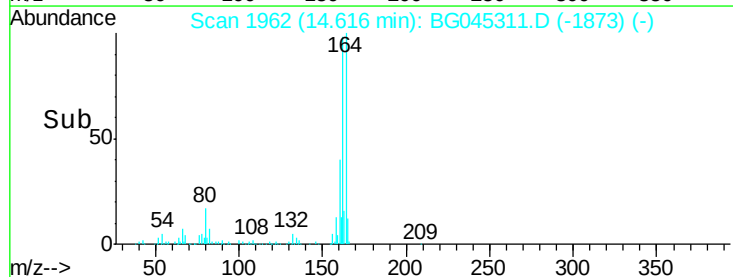
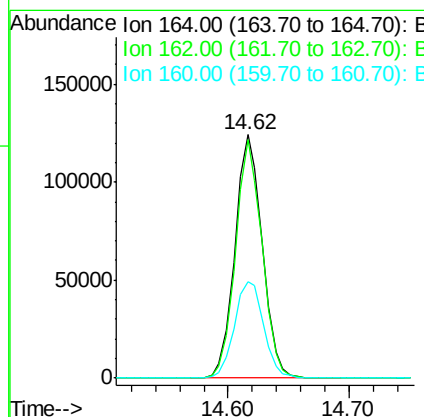
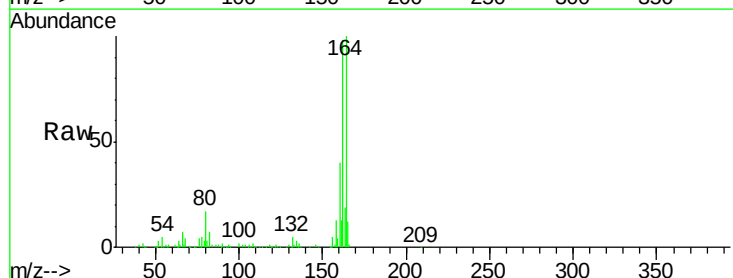
Instrument :
 BNA_G
 ClientSampleId :
 TP-14A

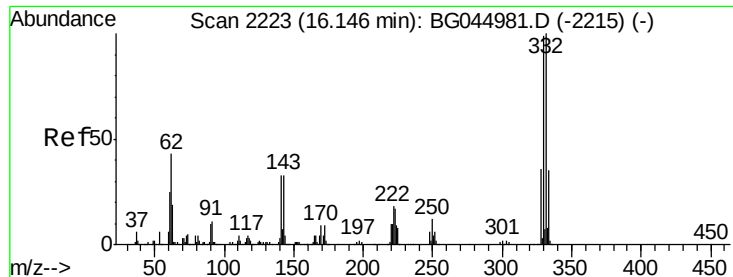
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.4
54	41.0	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045311.D
 Acq: 12 May 2020 2:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	39.6	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 153.90 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

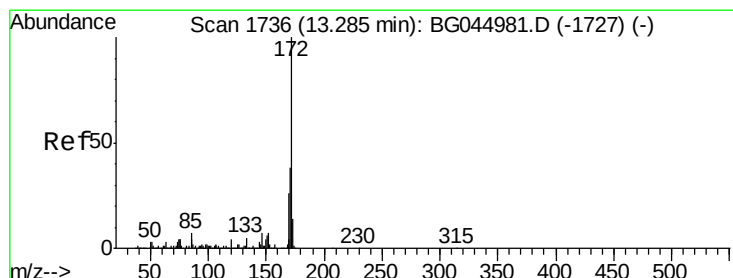
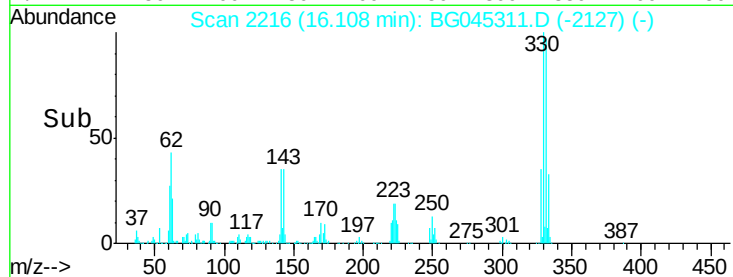
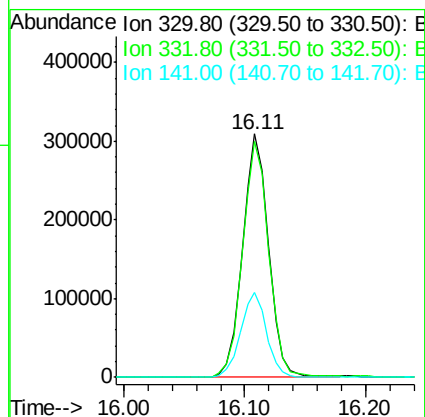
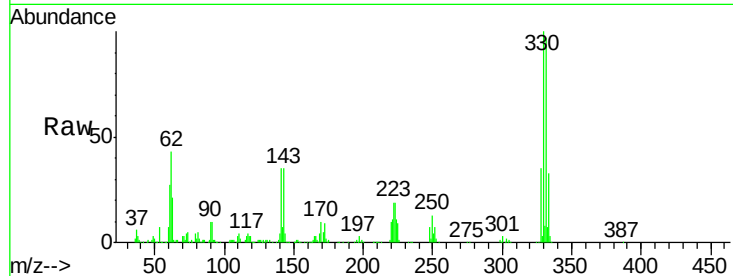
Instrument :

BNA_G

ClientSampleId :

TP-14A

Tgt Ion:	330	Resp:	464595
Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.1	118.7
141	35.3	27.1	40.7



#45

2-Fluorobiphenyl

Concen: 106.60 ng

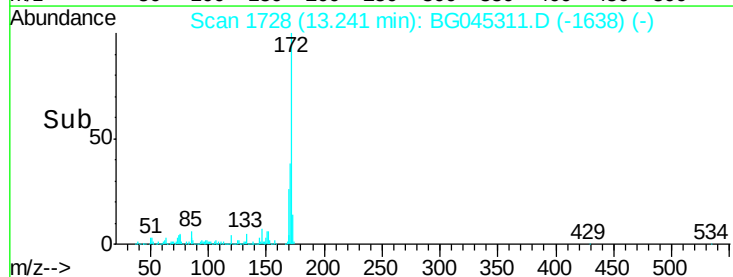
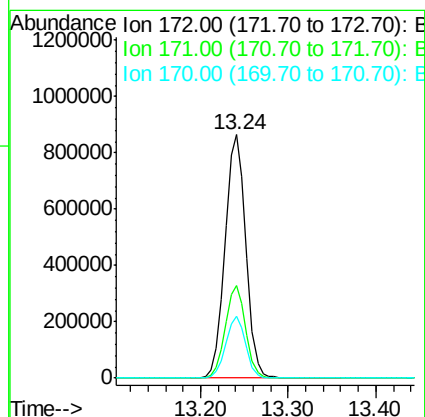
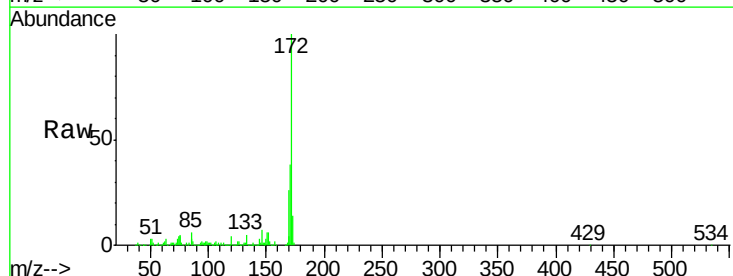
RT: 13.24 min Scan# 1728

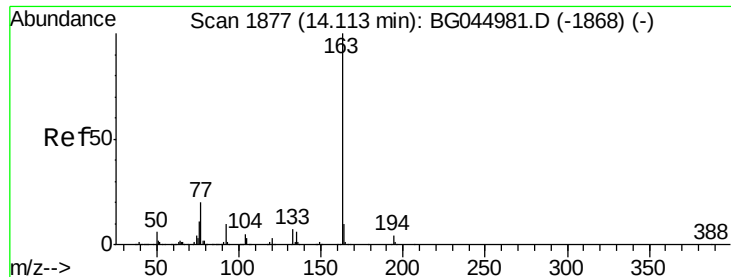
Delta R.T. -0.00 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

Tgt Ion:	172	Resp:	1420583
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	25.6	20.5	30.7





#50

Dimethylphthalate

Concen: 9.25 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

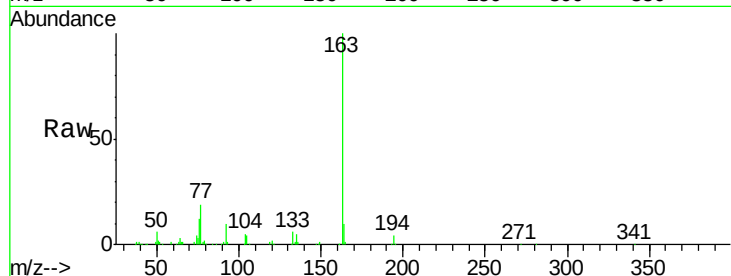
Instrument :

BNA_G

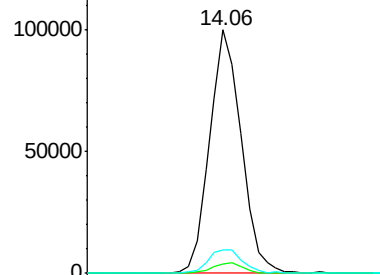
ClientSampled :

TP-14A

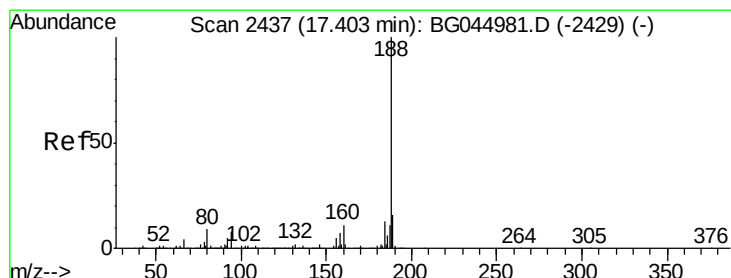
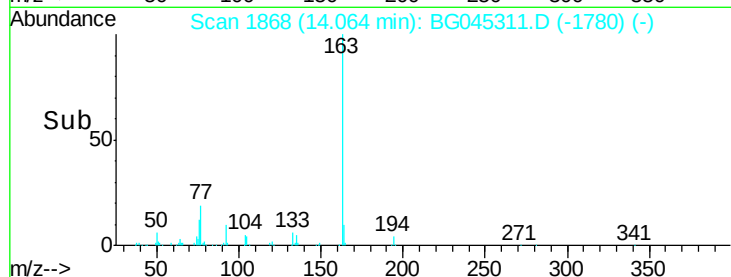
Tgt Ion:	163	Resp:	147109
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	9.7	8.2	12.4



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



Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

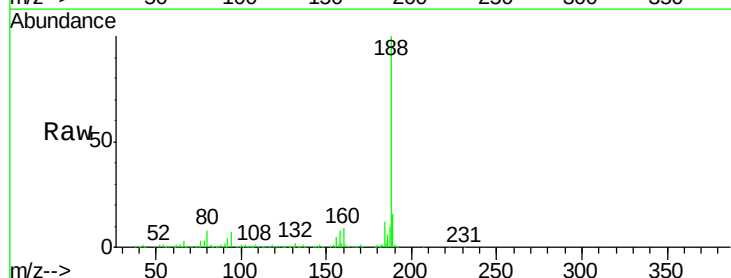
RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

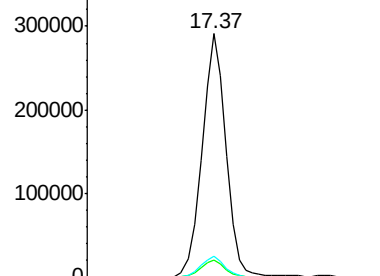
Lab File: BG045311.D

Acq: 12 May 2020 2:03

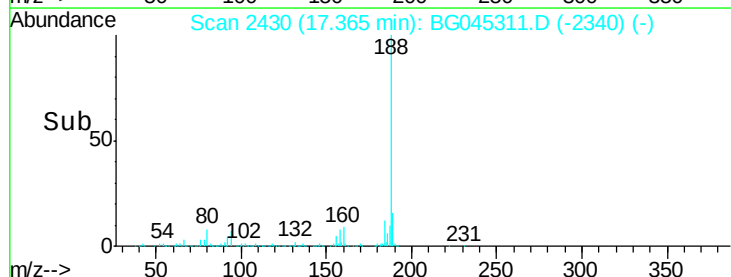
Tgt Ion:	188	Resp:	440157
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.4	7.0	10.6

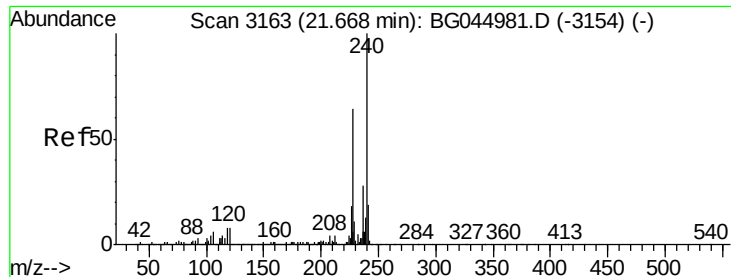


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0



Time-->





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

Instrument :

BNA_G

ClientSampleId :

TP-14A

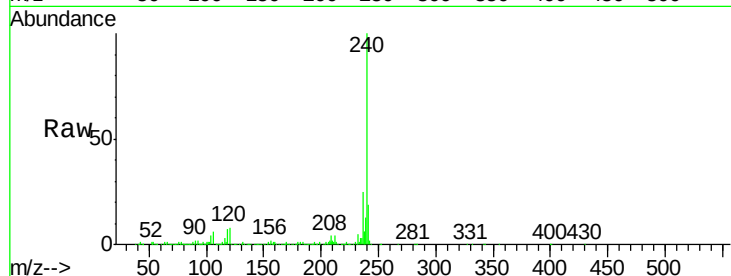
Tgt Ion:240 Resp: 468953

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

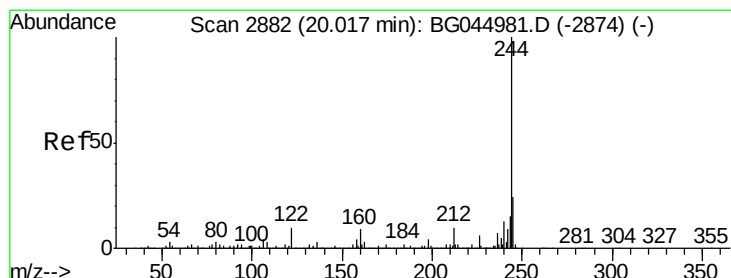
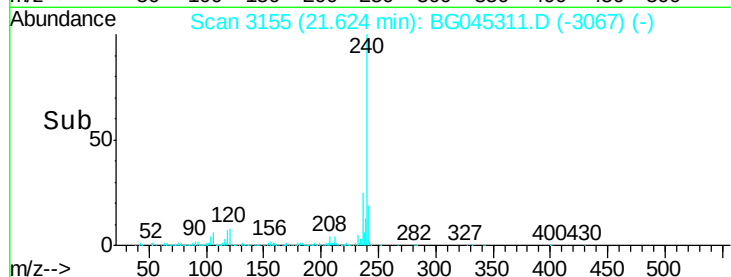
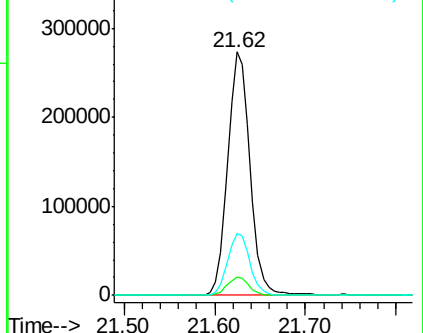
236 25.3 22.2 33.2



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: 111.48 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045311.D

Acq: 12 May 2020 2:03

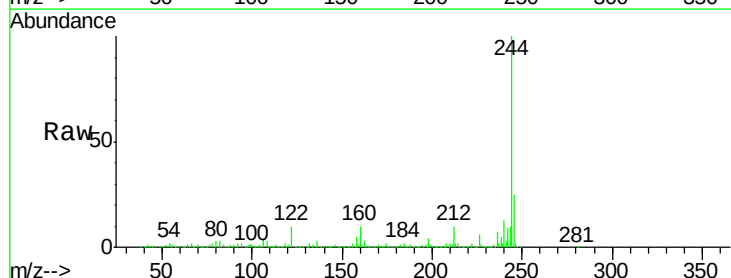
Tgt Ion:244 Resp: 2398542

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

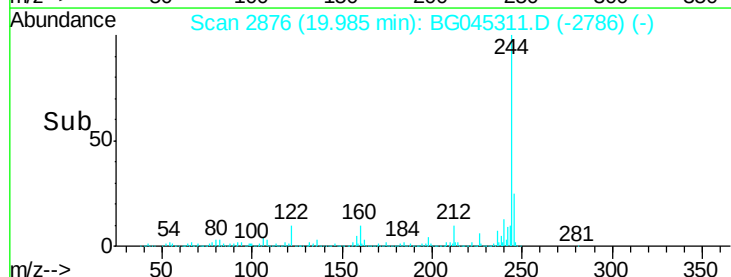
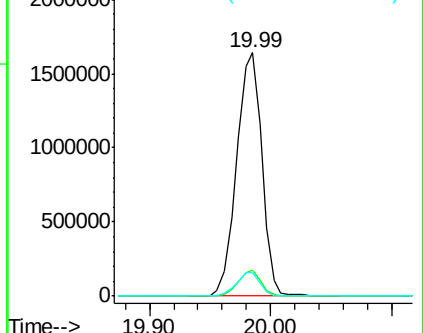
122 9.8 7.7 11.5

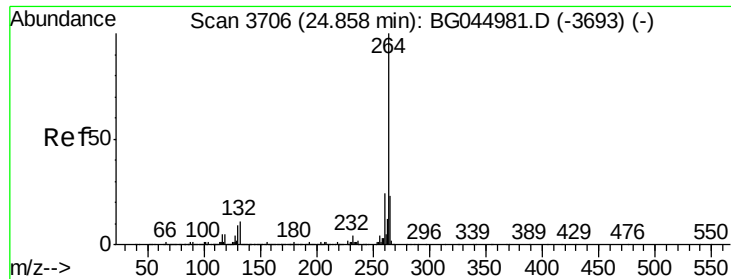


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG045311.D
Acq: 12 May 2020 2:03

Instrument :
BNA_G
ClientSampleId :
TP-14A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	19.0	28.4

