

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045301.D
 Acq On : 11 May 2020 18:04
 Operator : CG/JU
 Sample : L2554-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-1

Quant Time: May 11 18:46:08 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

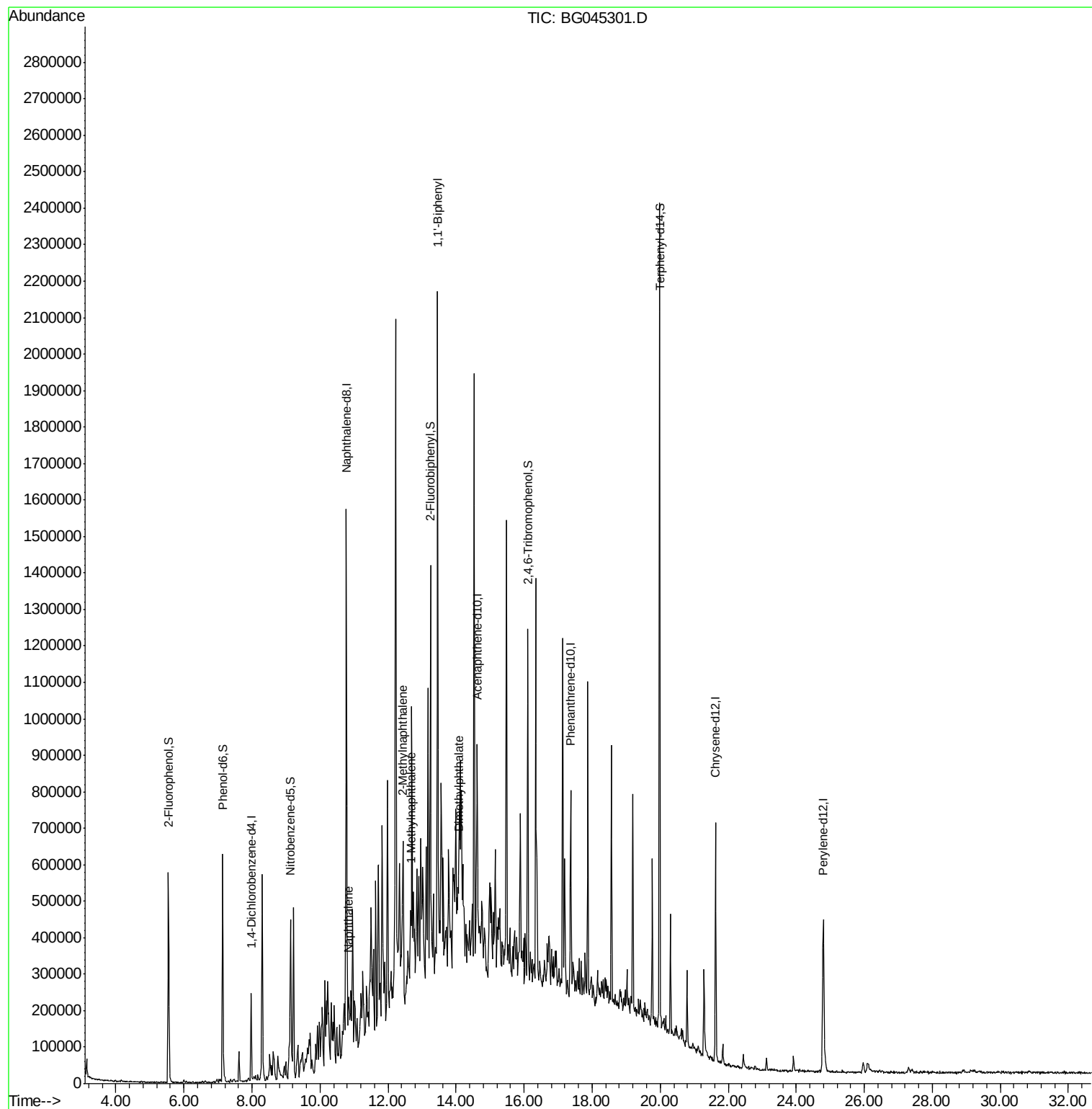
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	63398	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	224225	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	155497	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	354598	20.00	ng	0.00
76) Chrysene-d12	21.63	240	404763	20.00	ng	-0.01
87) Perylene-d12	24.79	264	475384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	295927	77.06	ng	0.00
7) Phenol-d6	7.14	99	420061	73.62	ng	0.00
23) Nitrobenzene-d5	9.13	82	283634	57.72	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	185630	77.27	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	622672	58.72	ng	0.00
79) Terphenyl-d14	19.98	244	1117737	60.19	ng	0.00
Target Compounds						
31) Naphthalene	10.84	128	34054	2.78	ng	Qvalue # 91
37) 2-Methylnaphthalene	12.45	142	111858	11.75	ng	95
38) 1-Methylnaphthalene	12.66	142	69593	7.74	ng	# 92
46) 1,1'-Biphenyl	13.46	154	32601	2.76	ng	92
50) Dimethylphthalate	14.07	163	65368	5.16	ng	# 93

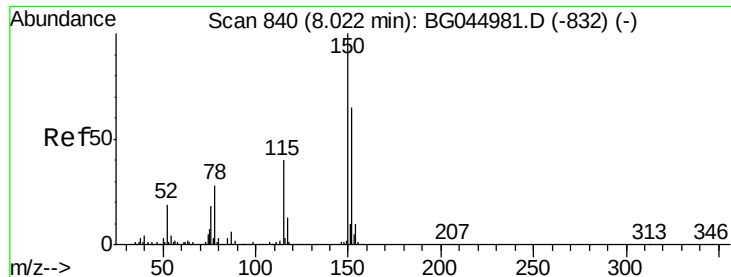
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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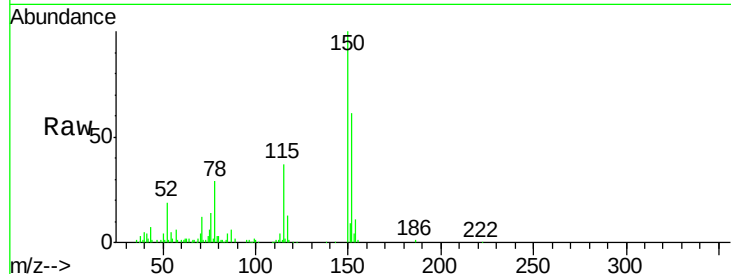


#1

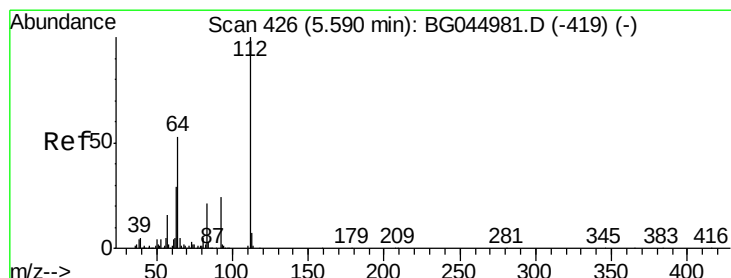
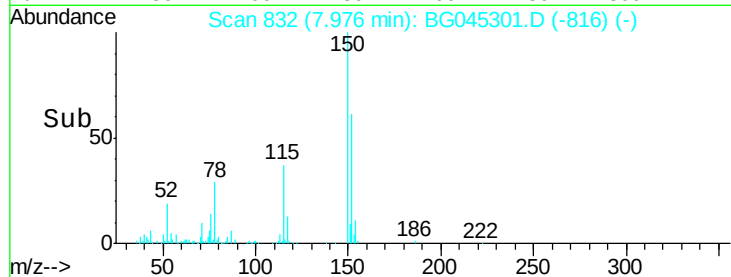
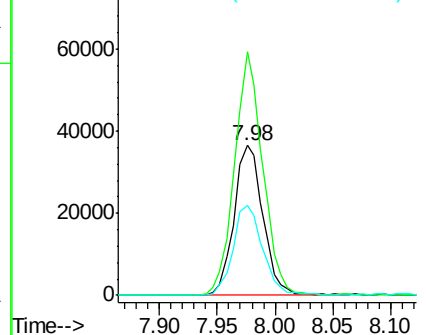
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.6	185.4
115	59.7	49.1	73.7



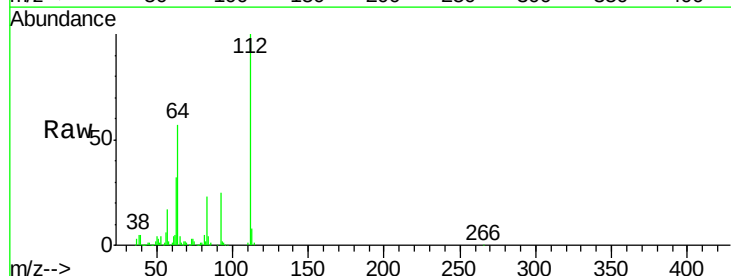
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



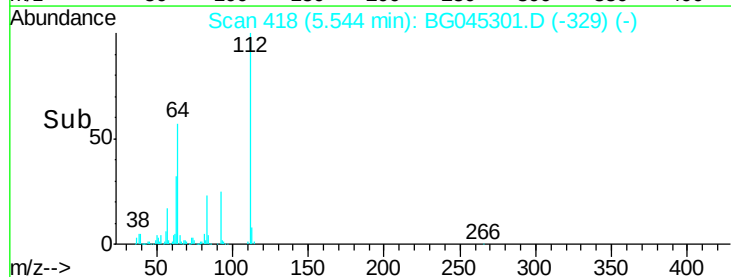
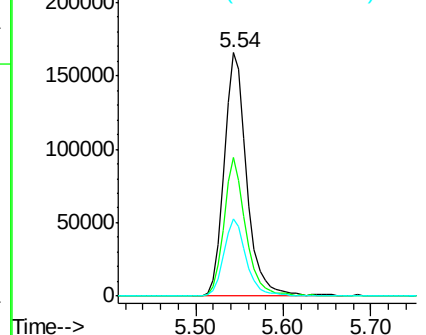
#5

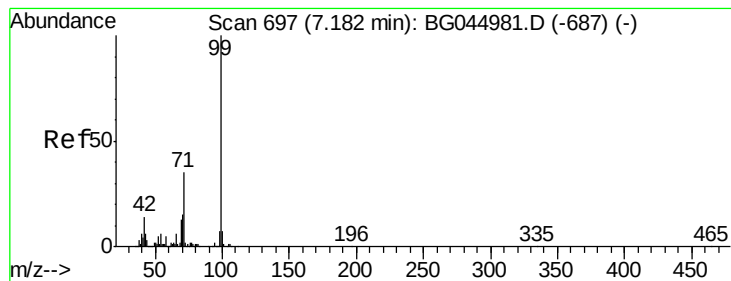
2-Fluorophenol
Concen: 77.06 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	42.4	63.6
63	31.8	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 73.62 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

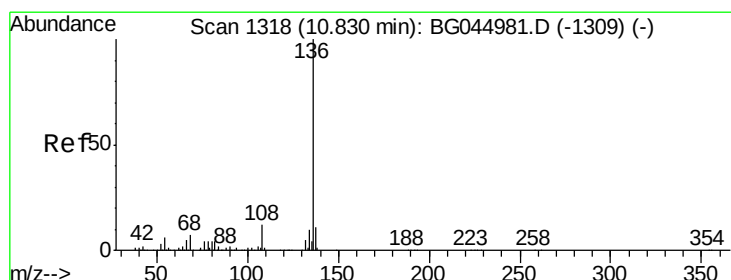
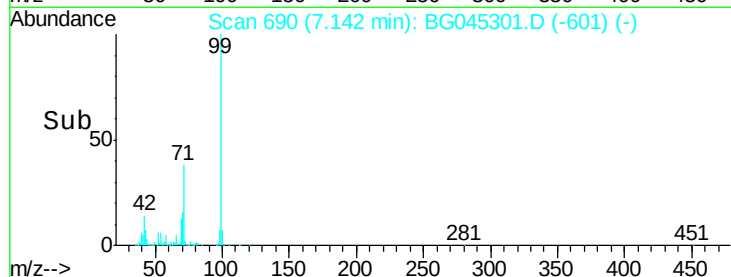
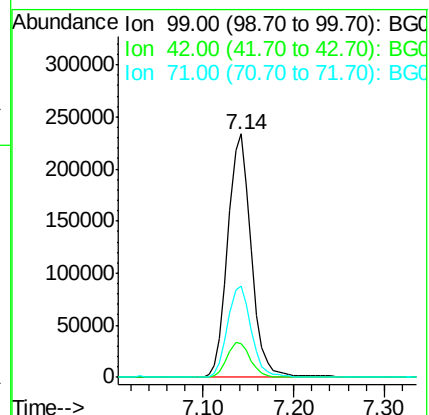
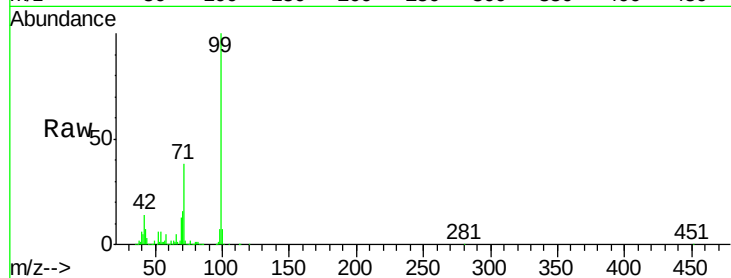
Tgt Ion: 99 Resp: 420061

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 37.7 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

Tgt Ion: 136 Resp: 224225

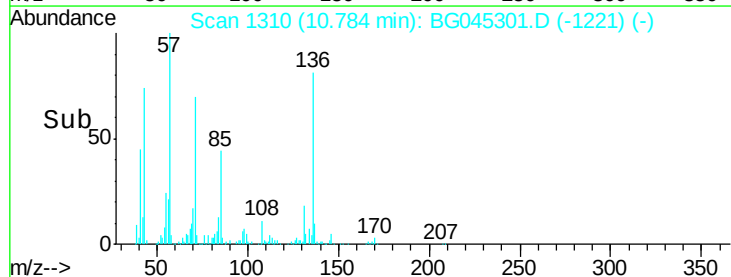
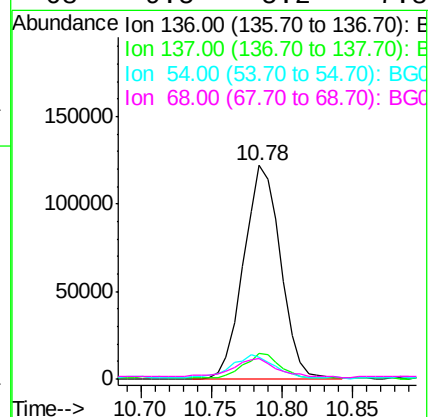
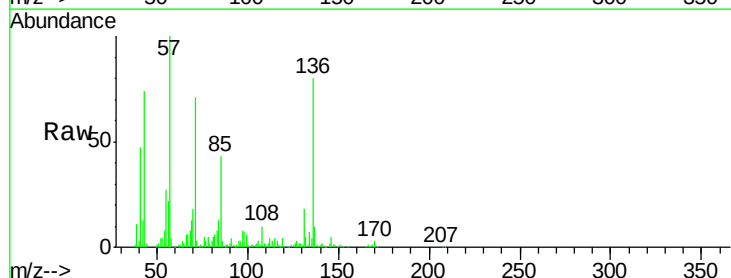
Ion Ratio Lower Upper

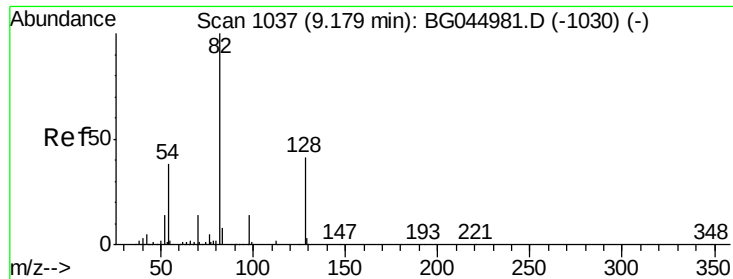
136 100

137 12.1 8.6 13.0

54 10.4 4.8 7.2#

68 9.5 5.2 7.8#

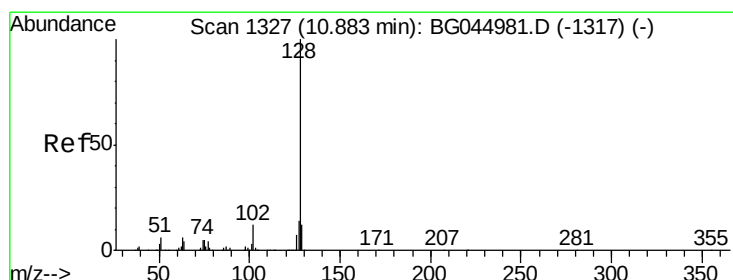
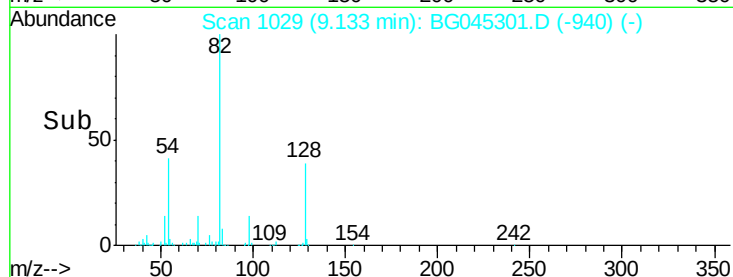
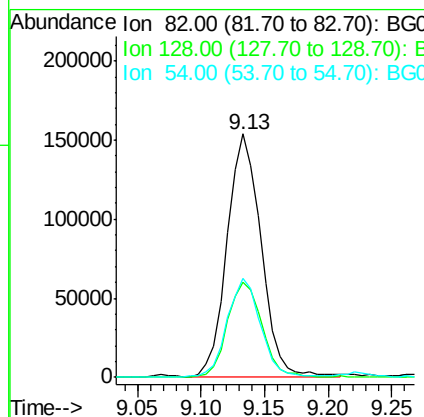
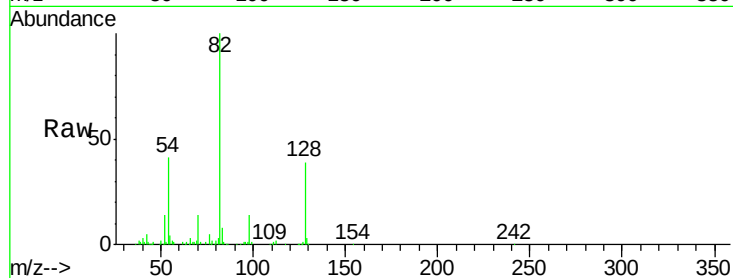




#23
Nitrobenzene-d5
Concen: 57.72 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

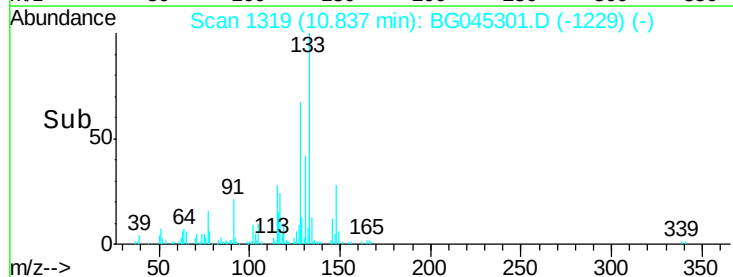
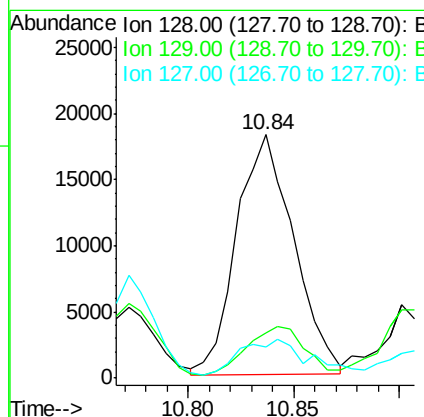
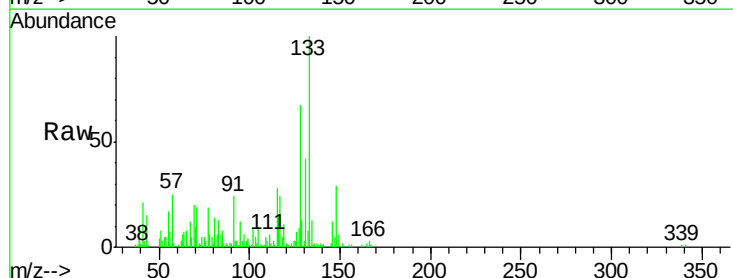
Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

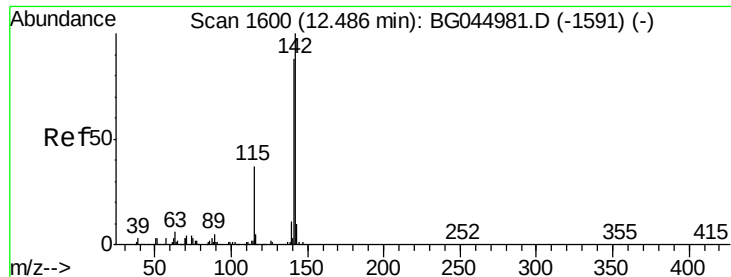
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.4
54	40.9	30.4	45.6



#31
Naphthalene
Concen: 2.78 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.4	14.2#
127	13.0	10.8	16.2





#37

2-Methylnaphthalene

Concen: 11.75 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

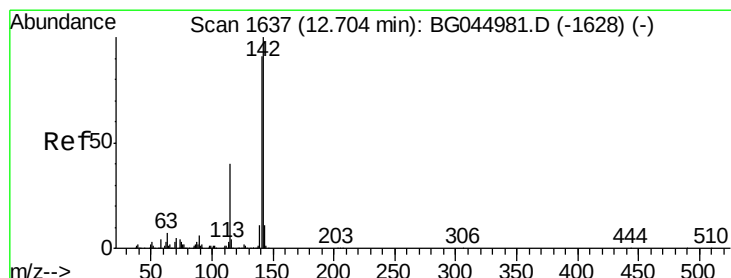
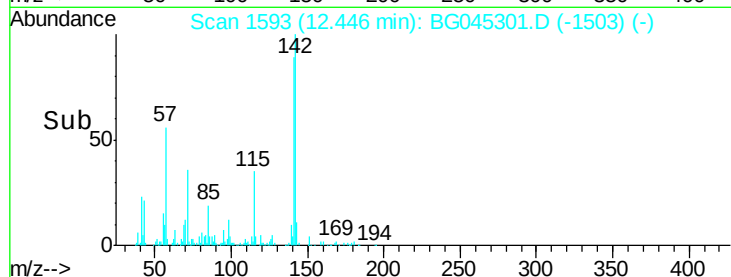
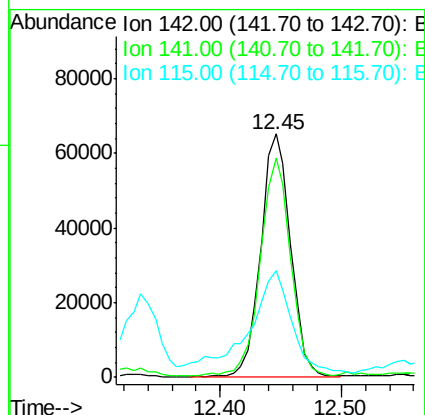
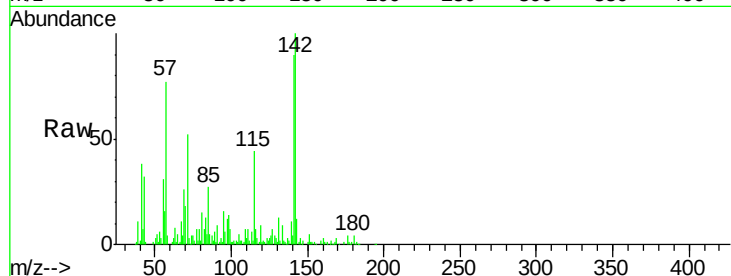
Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

Tgt Ion:	142	Resp:	111858
Ion Ratio		Lower	Upper
142	100		
141	90.1	70.3	105.5
115	43.7	29.8	44.6



#38

1-Methylnaphthalene

Concen: 7.74 ng

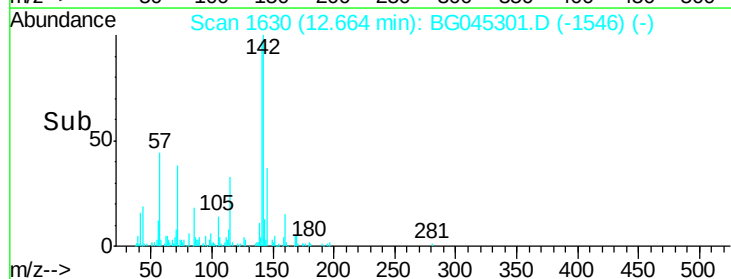
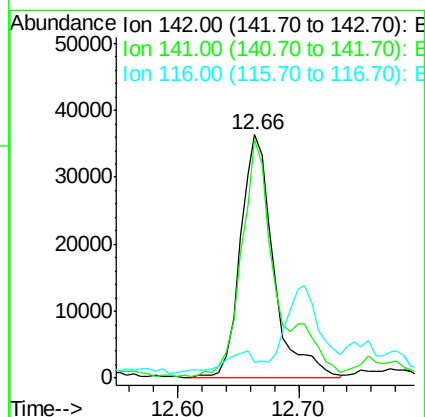
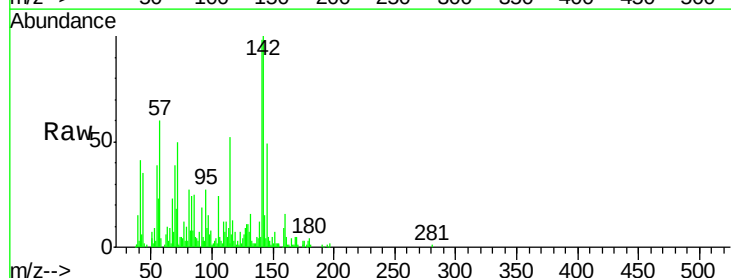
RT: 12.66 min Scan# 1630

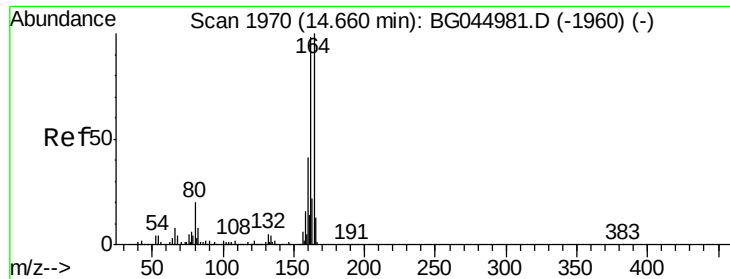
Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

Tgt Ion:	142	Resp:	69593
Ion Ratio		Lower	Upper
142	100		
141	98.1	72.7	109.1
116	6.4	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

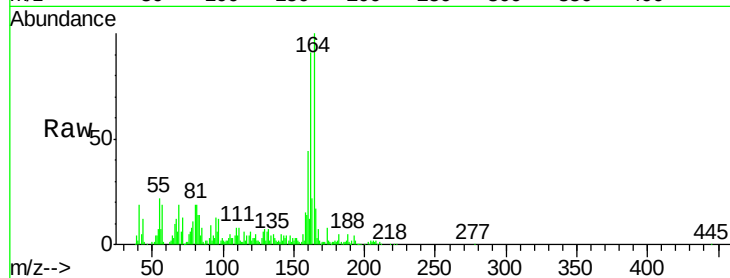
Tgt Ion:164 Resp: 155497

Ion Ratio Lower Upper

164 100

162 91.3 78.7 118.1

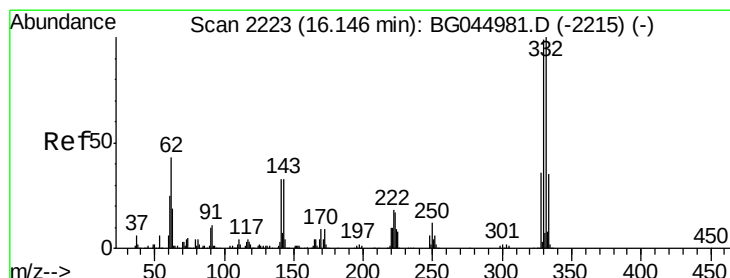
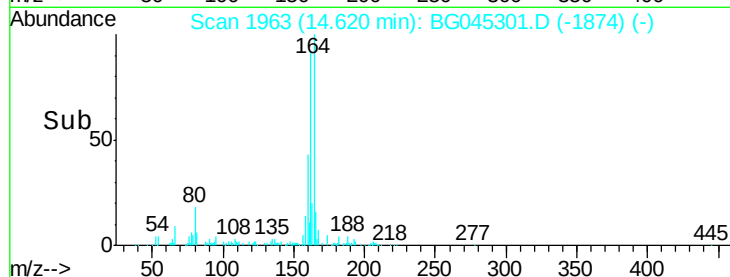
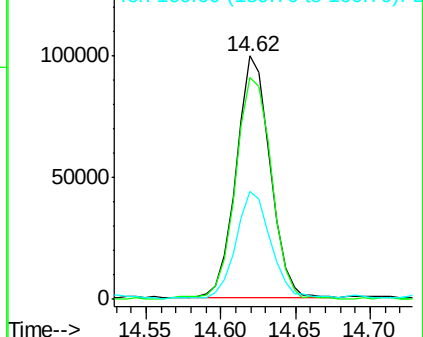
160 44.3 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 77.27 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

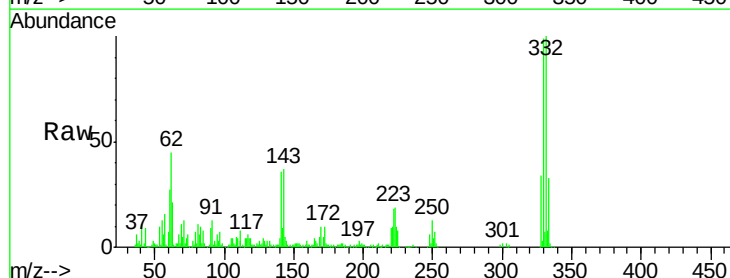
Tgt Ion:330 Resp: 185630

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

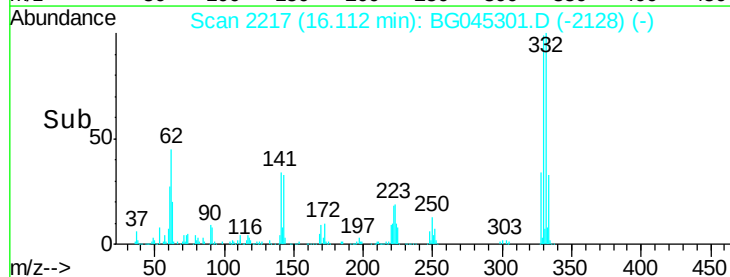
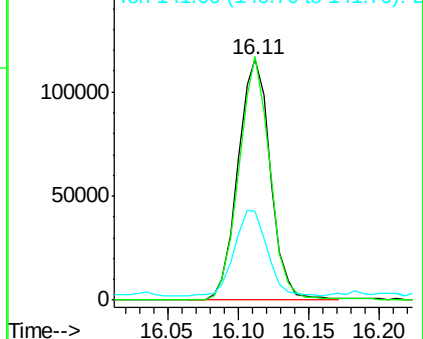
141 35.6 27.1 40.7

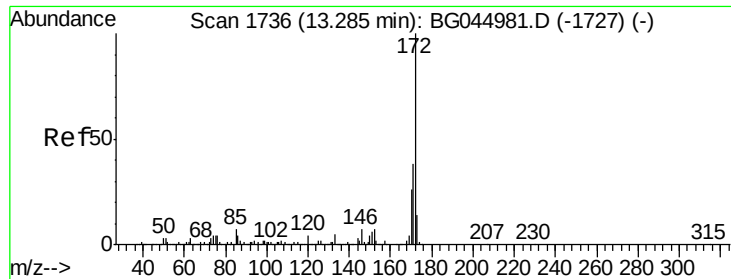


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

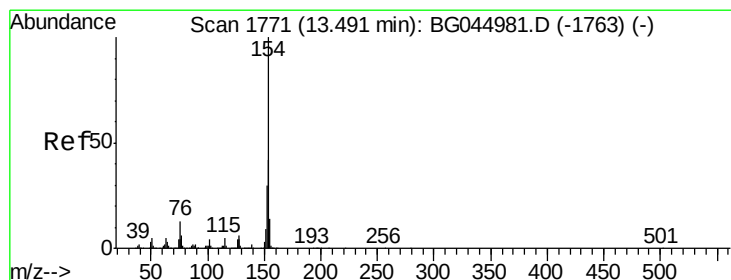
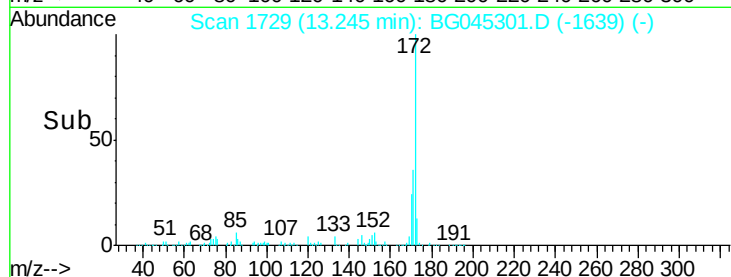
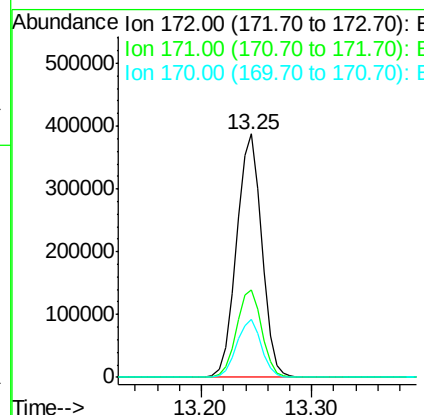
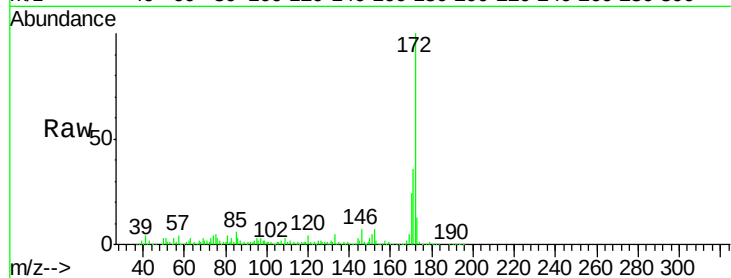




#45
2-Fluorobiphenyl
Concen: 58.72 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

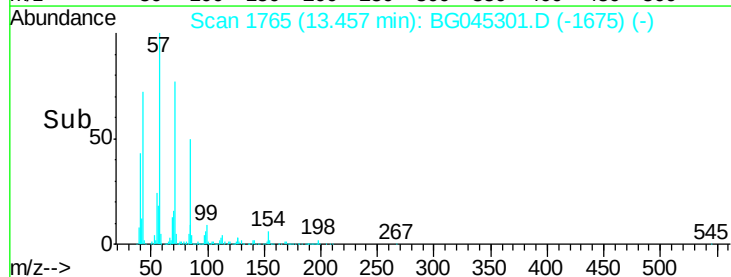
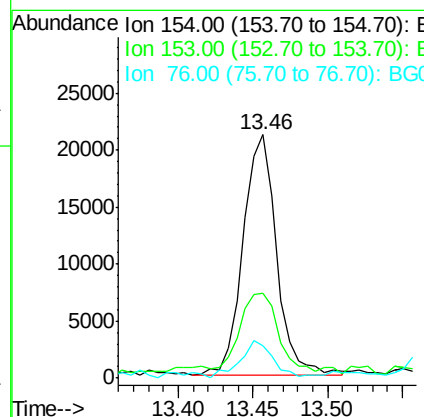
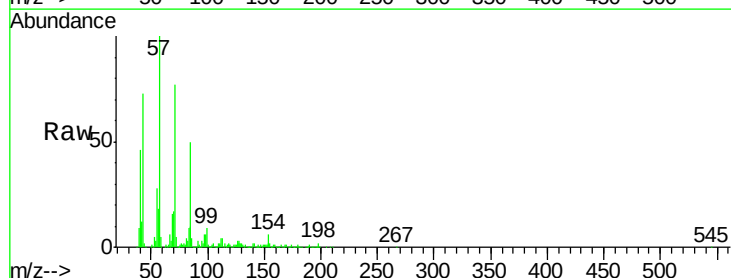
Instrument :
BNA_G
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DRUM-1-1

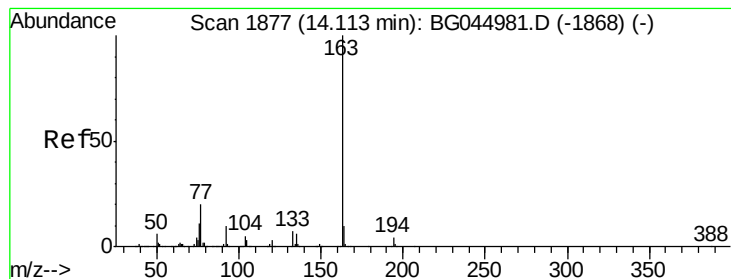
Tgt Ion:	172	Resp:	622672
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	23.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 2.76 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Tgt Ion:	154	Resp:	32601
Ion	Ratio	Lower	Upper
154	100		
153	35.1	21.9	61.9
76	13.1	0.0	33.1





#50

Dimethylphthalate

Concen: 5.16 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

Instrument :

BNA_G

ClientSampleId :

DRUM-1-1

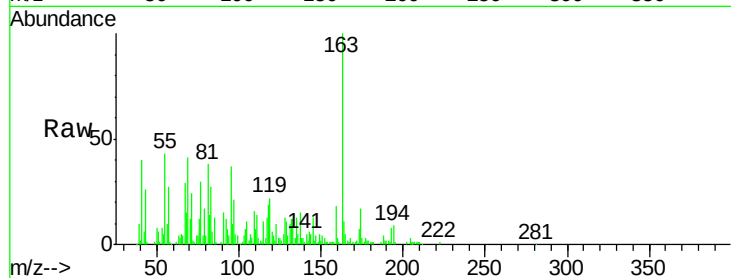
Tgt Ion:163 Resp: 65368

Ion Ratio Lower Upper

163 100

194 9.4 3.5 5.3#

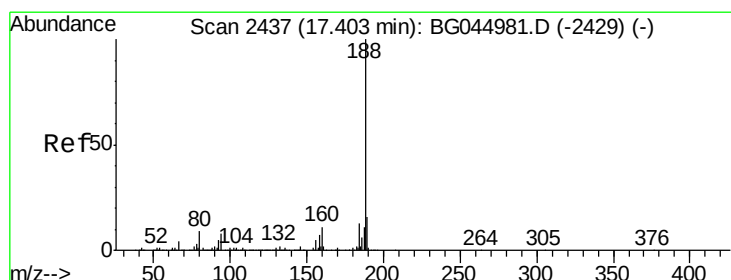
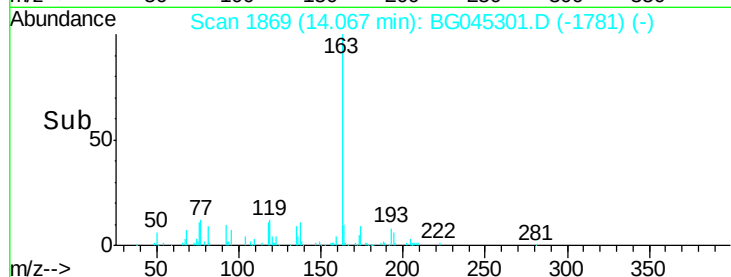
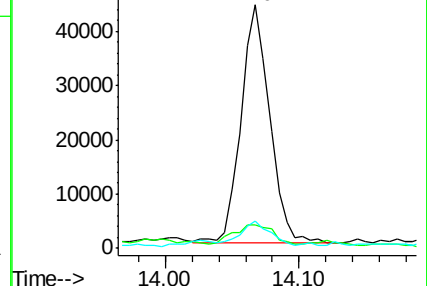
164 11.3 8.2 12.4



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: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045301.D

Acq: 11 May 2020 18:04

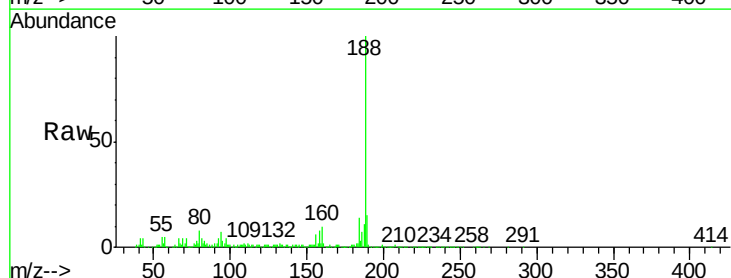
Tgt Ion:188 Resp: 354598

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

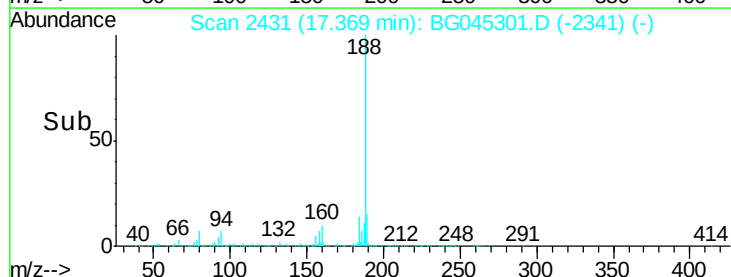
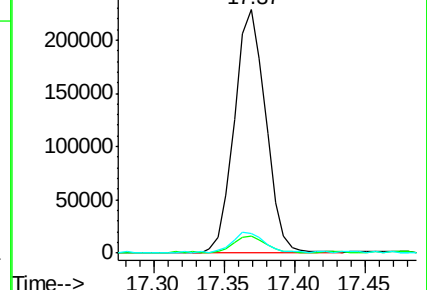
80 7.8 7.0 10.6

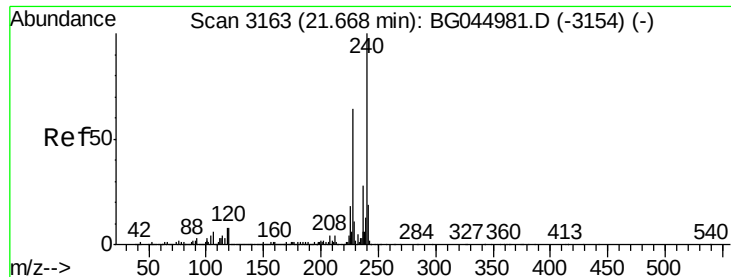


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

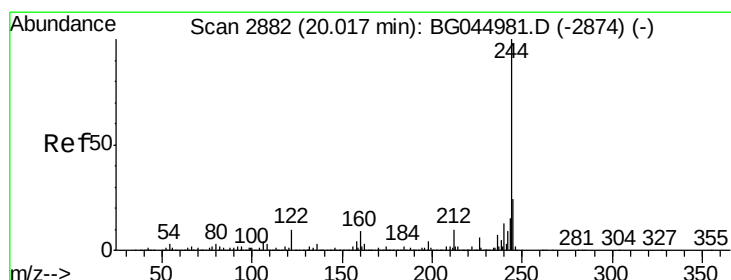
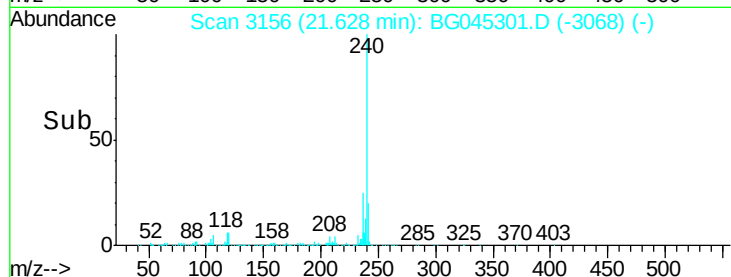
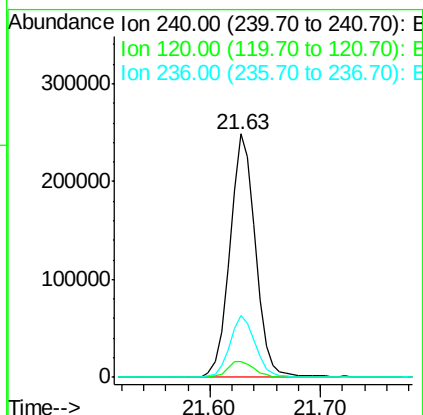
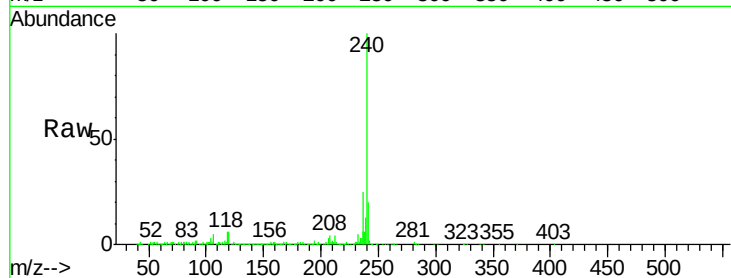




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

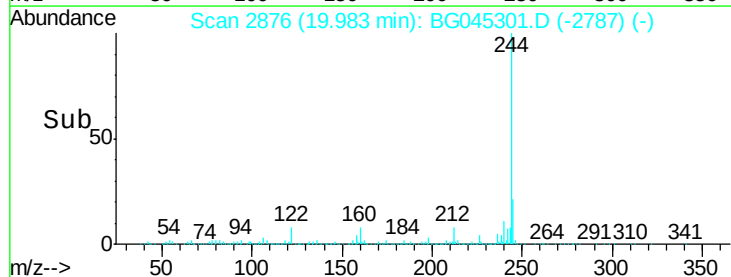
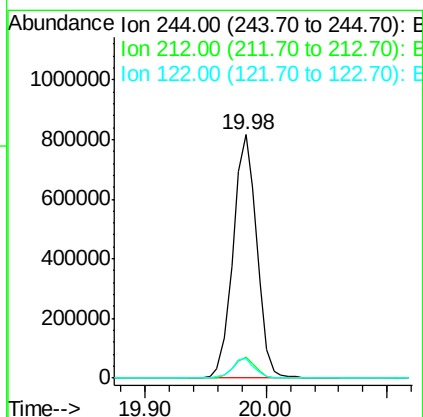
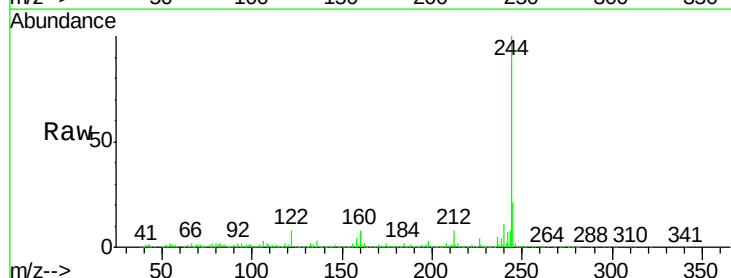
Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

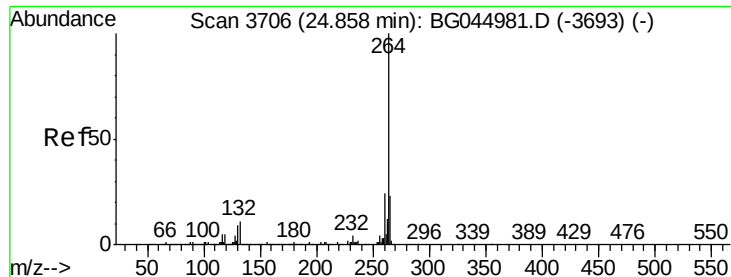
Tgt Ion:240 Resp: 404763
Ion Ratio Lower Upper
240 100
120 6.4 6.6 10.0#
236 25.4 22.2 33.2



#79
Terphenyl-d14
Concen: 60.19 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Tgt Ion:244 Resp: 1117737
Ion Ratio Lower Upper
244 100
212 8.4 7.9 11.9
122 8.0 7.7 11.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045301.D
Acq: 11 May 2020 18:04

Instrument :
BNA_G
ClientSampleId :
DRUM-1-1

Tgt Ion:	264	Resp:	475384
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	19.0	28.4

