

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045319.D
 Acq On : 12 May 2020 7:23
 Operator : CG/JU
 Sample : L2531-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15A

Quant Time: May 12 08:17:36 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

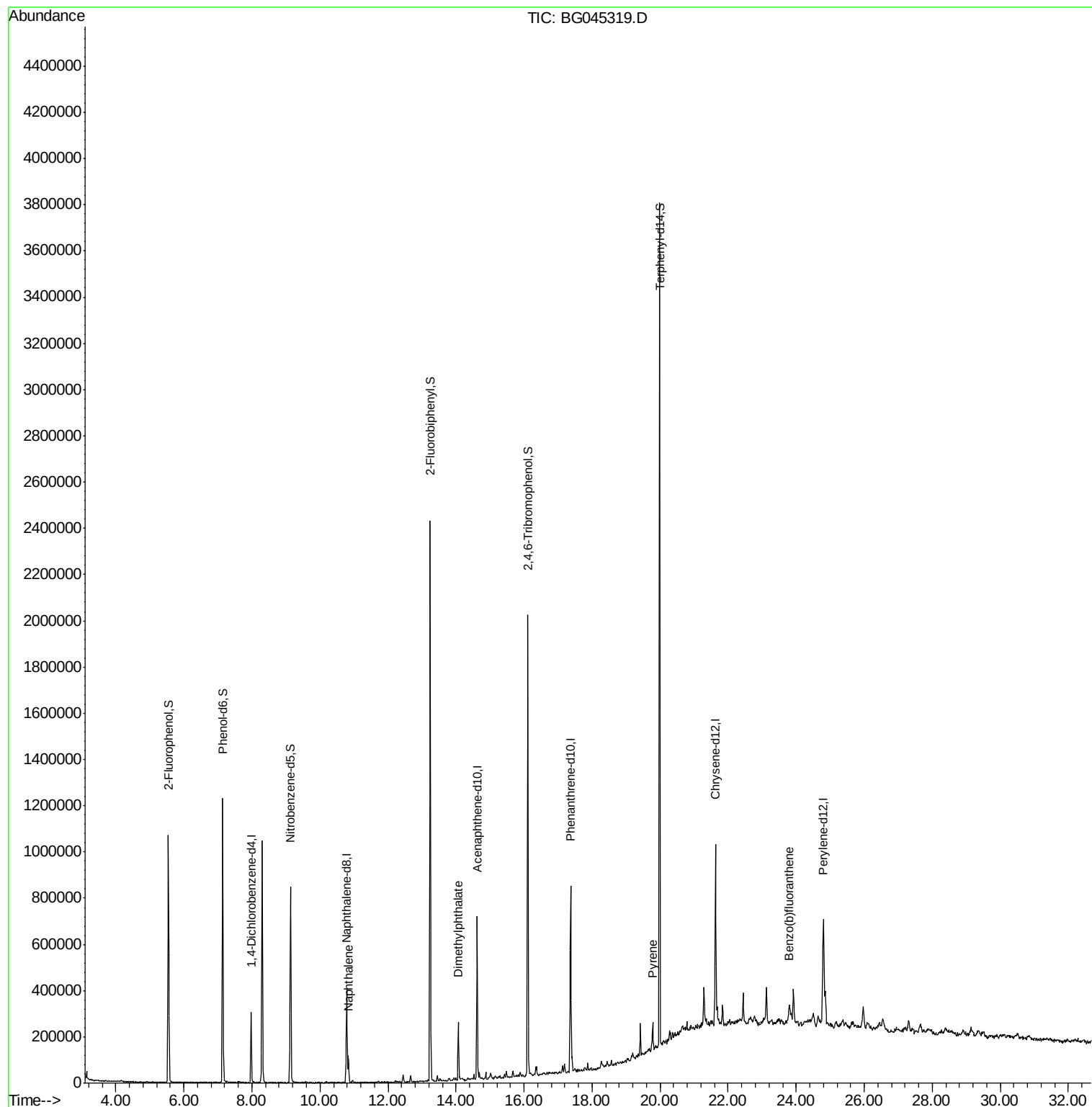
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	88740	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	377305	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	265461	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	536359	20.00	ng	0.00
76) Chrysene-d12	21.63	240	461856	20.00	ng	-0.01
87) Perylene-d12	24.79	264	508921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	515837	95.97	ng	0.00
7) Phenol-d6	7.14	99	820567	102.75	ng	0.00
23) Nitrobenzene-d5	9.13	82	568350	68.73	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	406220	99.05	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1325101	73.19	ng	0.00
79) Terphenyl-d14	19.98	244	1735590	81.91	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.83	128	102995	4.99	ng	99
50) Dimethylphthalate	14.07	163	171834	7.95	ng	97
78) Pyrene	19.78	202	77101	2.42	ng	97
88) Benzo(b)fluoranthene	23.79	252	79017	2.48	ng	# 88

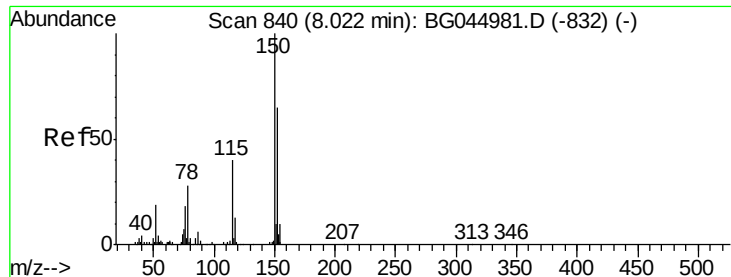
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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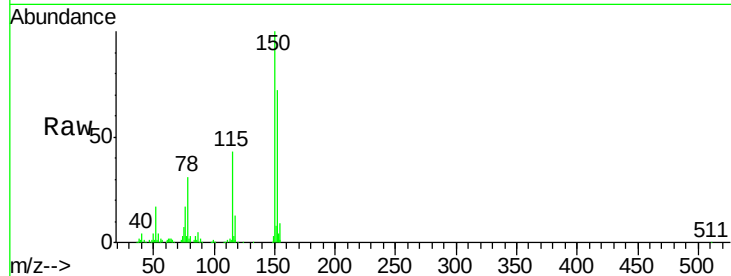


#1

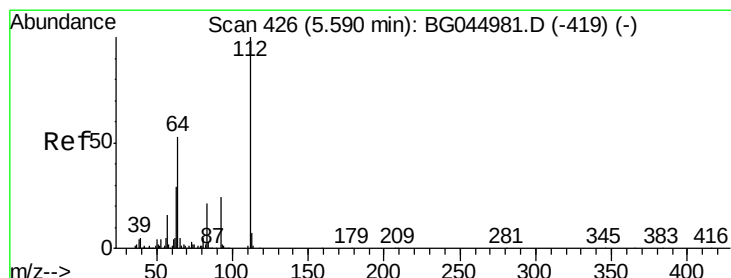
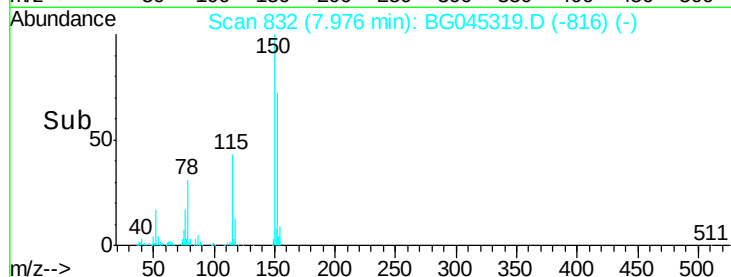
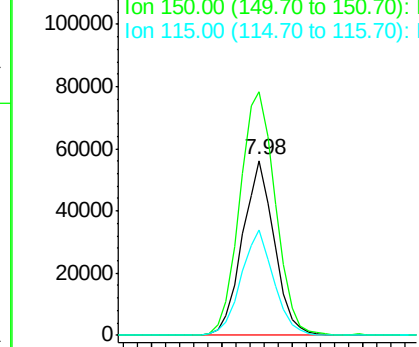
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:152 Resp: 88740
Ion Ratio Lower Upper
152 100
150 139.2 123.6 185.4
115 60.3 49.1 73.7



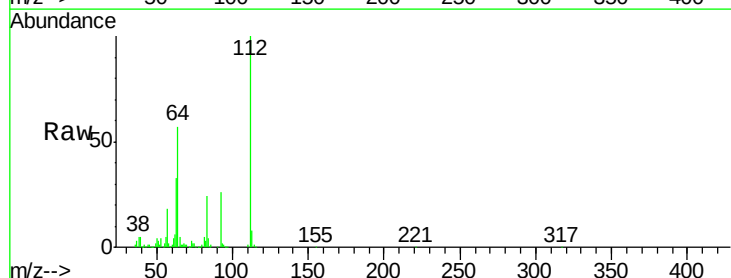
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



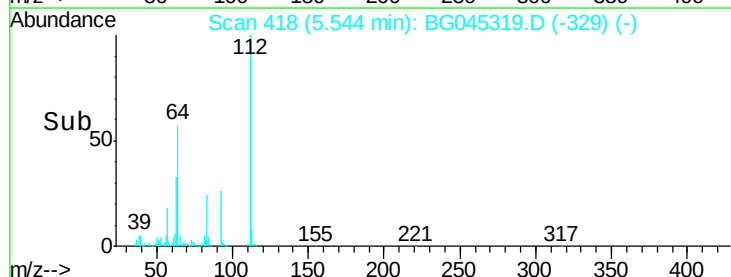
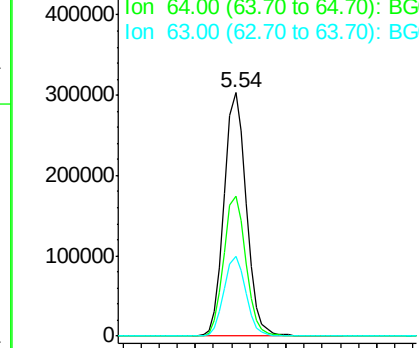
#5

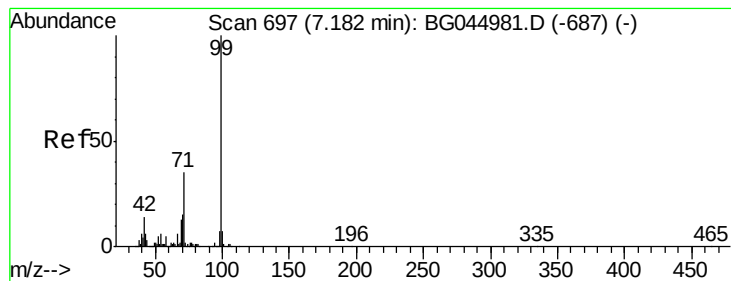
2-Fluorophenol
Concen: 95.97 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:112 Resp: 515837
Ion Ratio Lower Upper
112 100
64 57.4 42.4 63.6
63 32.7 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: 102.75 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

Instrument :

BNA_G

ClientSampleId :

TP-15A

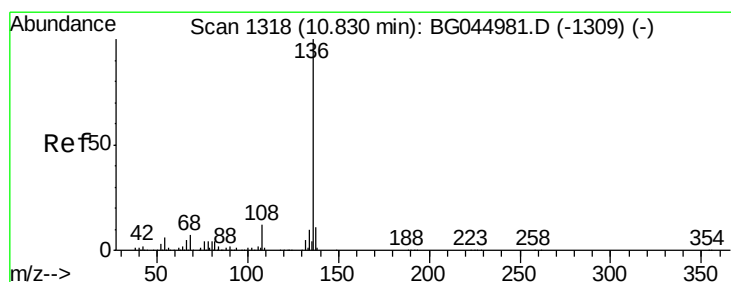
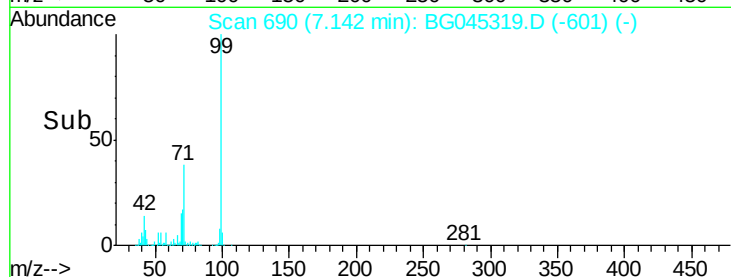
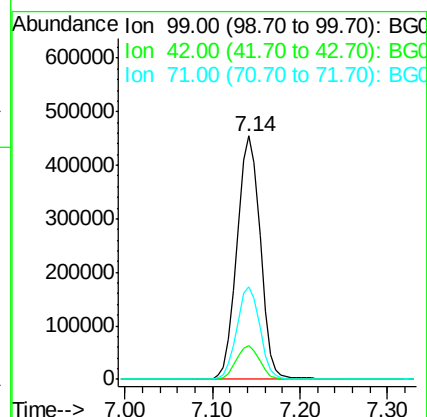
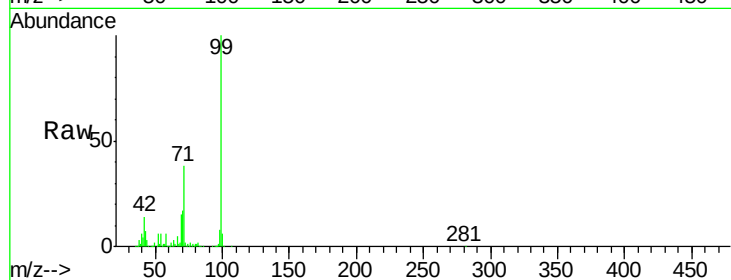
Tgt Ion: 99 Resp: 820567

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

71 37.8 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: BG045319.D

Acq: 12 May 2020 7:23

Tgt Ion: 136 Resp: 377305

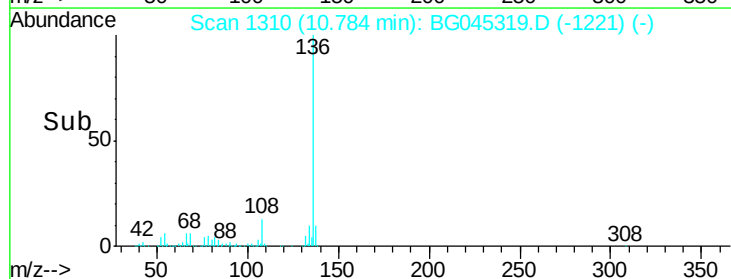
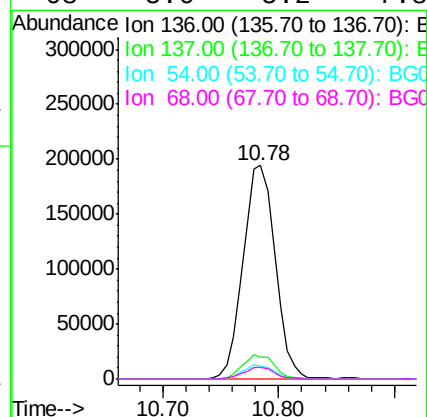
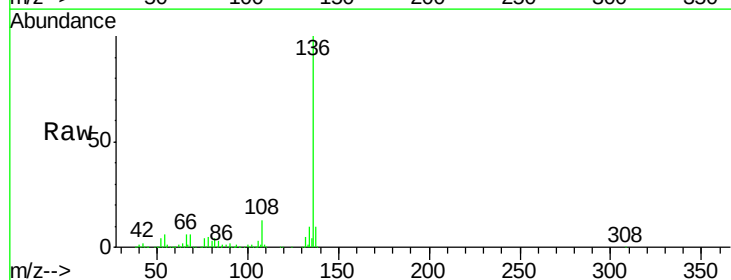
Ion Ratio Lower Upper

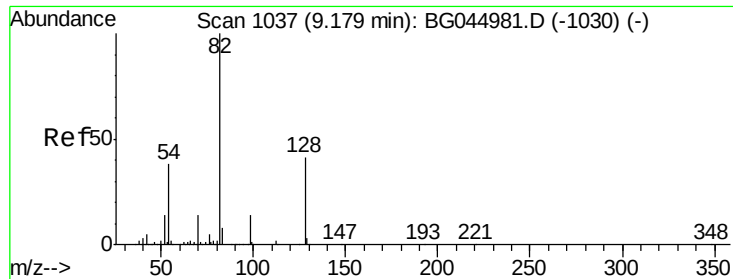
136 100

137 10.5 8.6 13.0

54 6.3 4.8 7.2

68 5.6 5.2 7.8

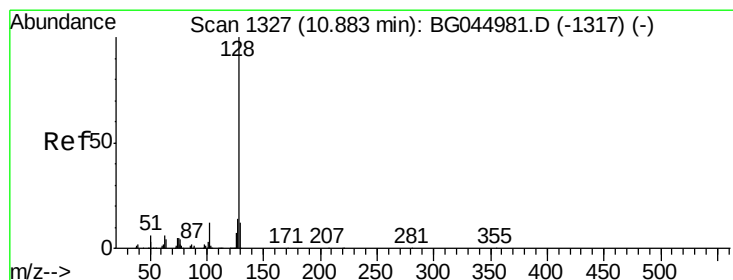
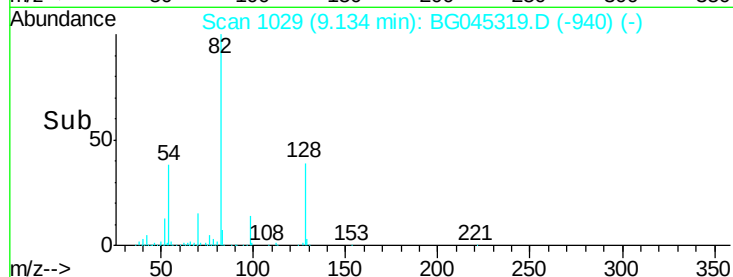
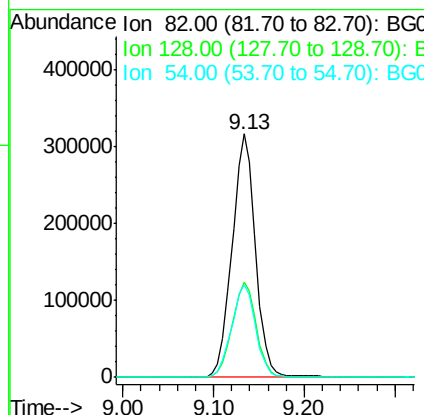
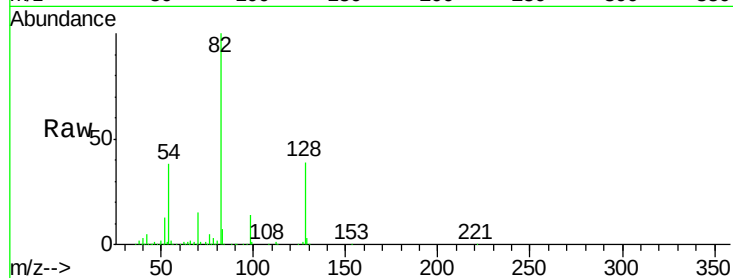




#23
 Nitrobenzene-d5
 Concen: 68.73 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045319.D
 Acq: 12 May 2020 7:23

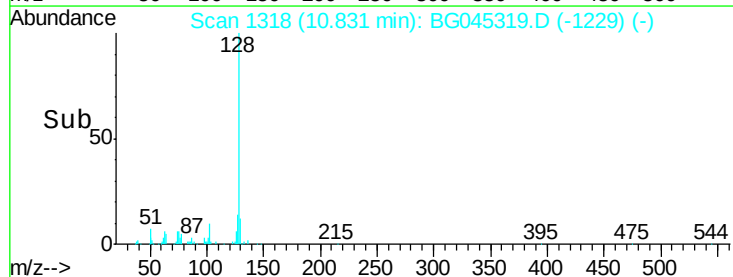
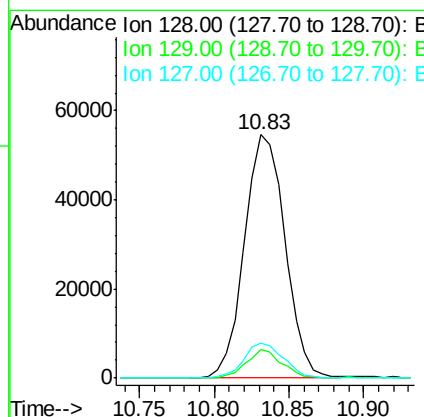
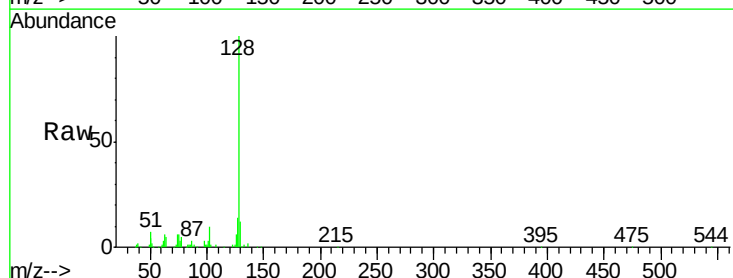
Instrument :
 BNA_G
 ClientSampleId :
 TP-15A

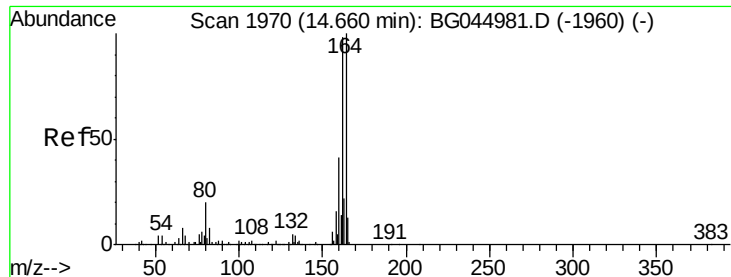
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.4
54	37.8	30.4	45.6



#31
 Naphthalene
 Concen: 4.99 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG045319.D
 Acq: 12 May 2020 7:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.4	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

Instrument :

BNA_G

ClientSampleId :

TP-15A

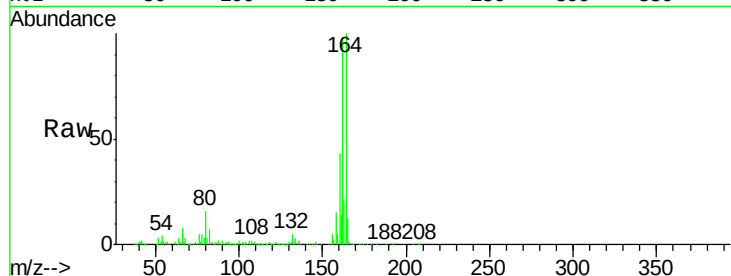
Tgt Ion:164 Resp: 265461

Ion Ratio Lower Upper

164 100

162 98.1 78.7 118.1

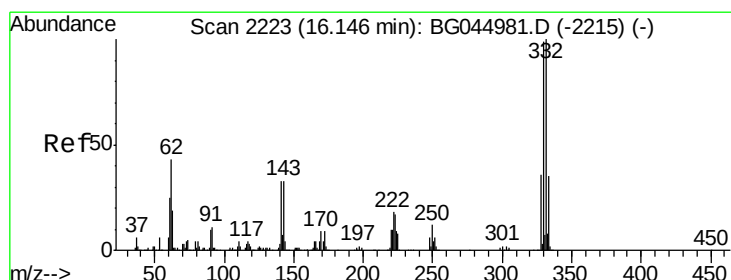
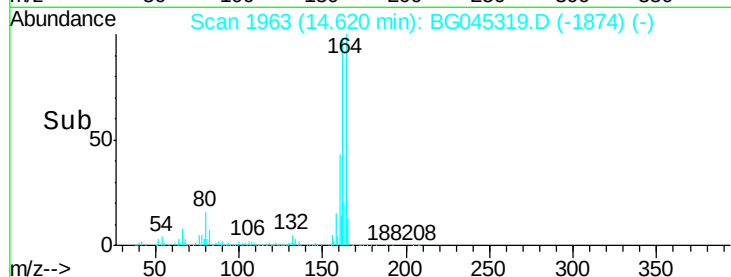
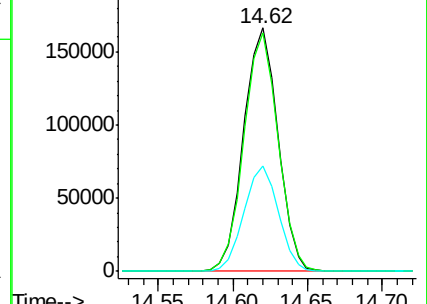
160 43.2 32.8 49.2



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: 99.05 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

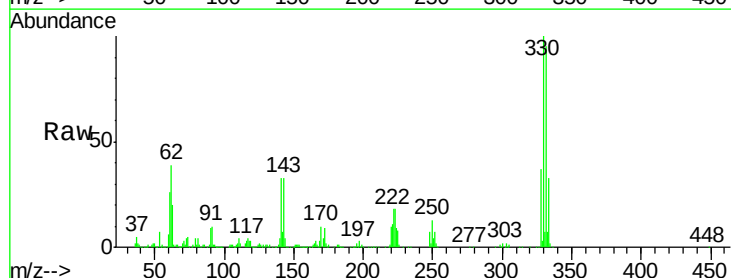
Tgt Ion:330 Resp: 406220

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

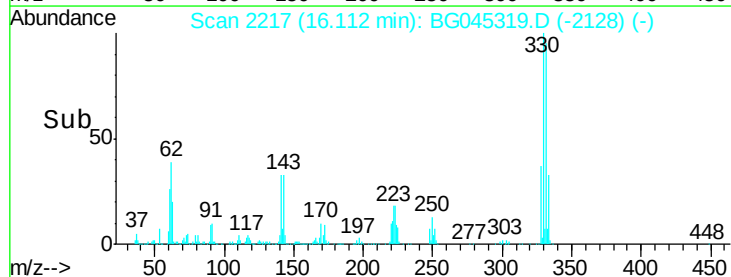
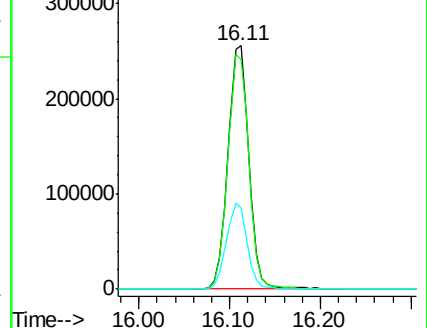
141 35.1 27.1 40.7

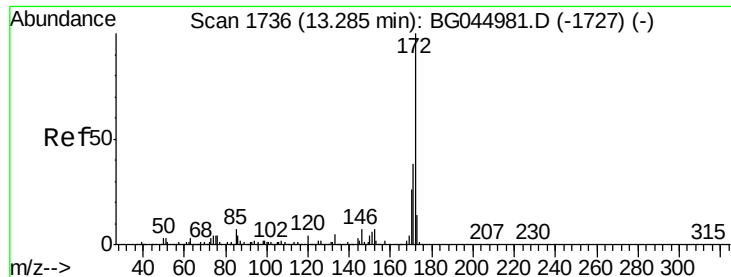


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

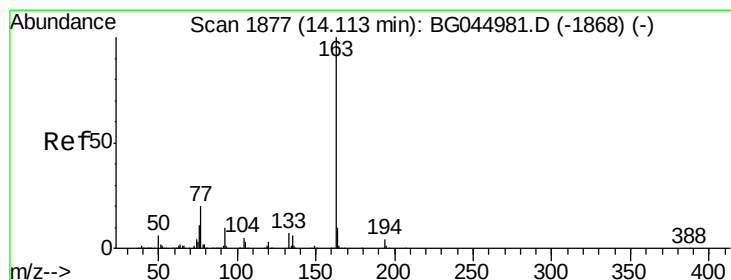
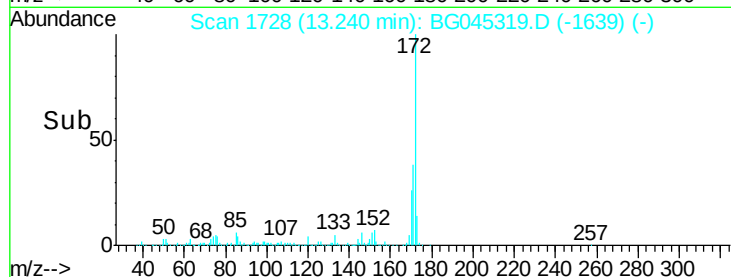
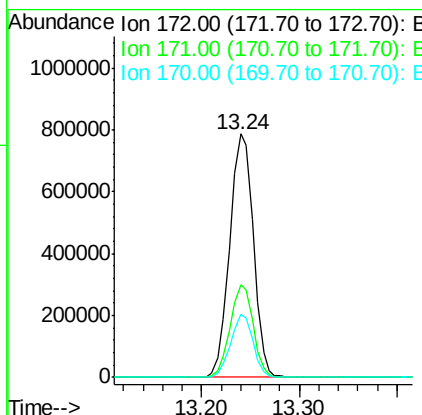
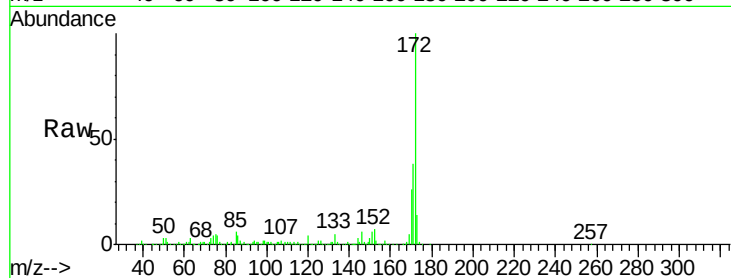




#45
2-Fluorobiphenyl
Concen: 73.19 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

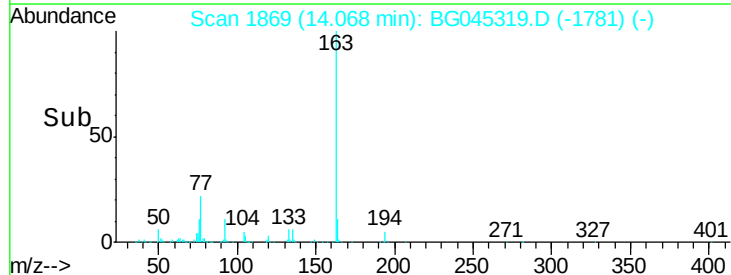
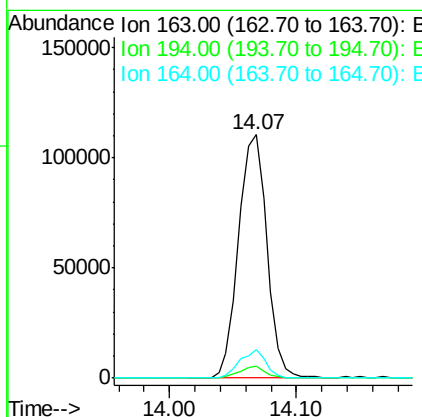
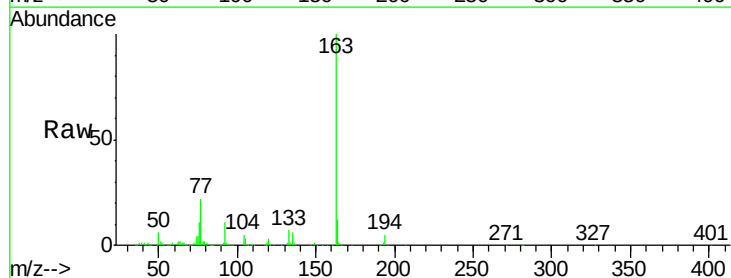
Instrument :
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ClientSampleId :
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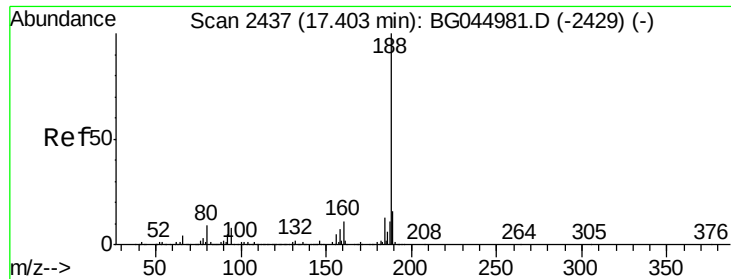
Tgt Ion:172 Resp: 1325101
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 25.8 20.5 30.7



#50
Dimethylphthalate
Concen: 7.95 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:163 Resp: 171834
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 11.5 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

Instrument :

BNA_G

ClientSampleId :

TP-15A

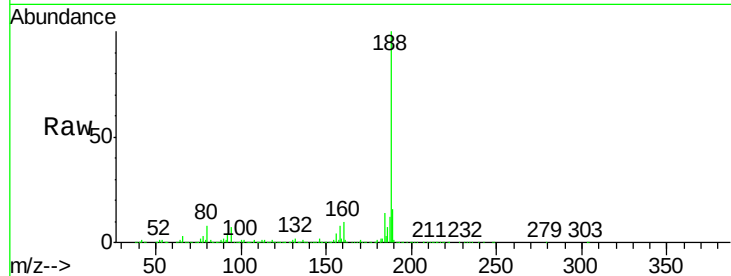
Tgt Ion:188 Resp: 536359

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

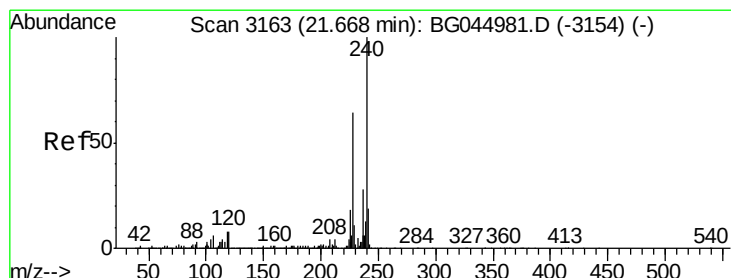
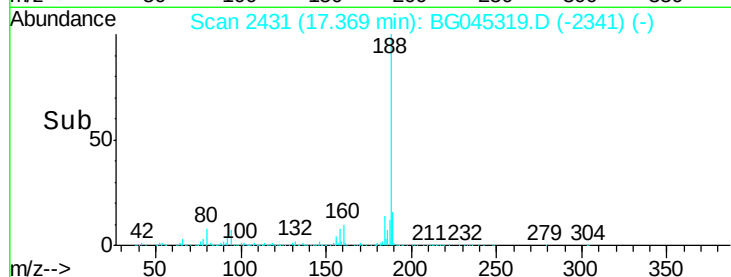
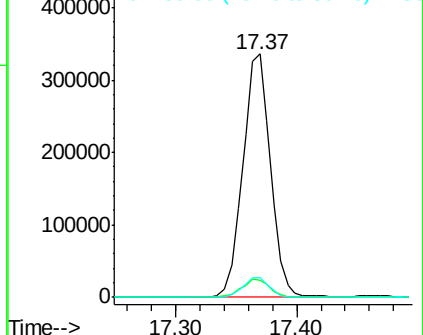
80 8.2 7.0 10.6



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: BG045319.D

Acq: 12 May 2020 7:23

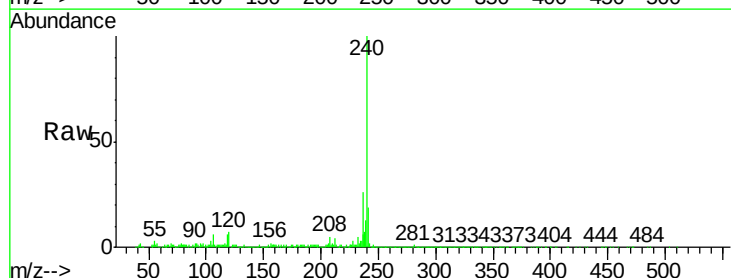
Tgt Ion:240 Resp: 461856

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

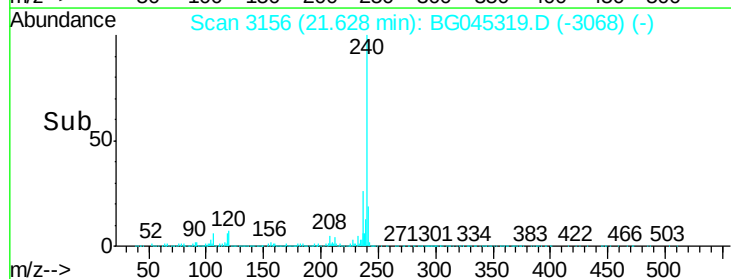
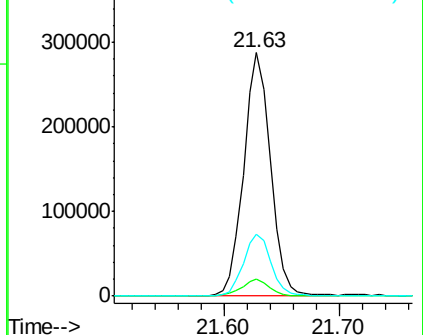
236 25.6 22.2 33.2

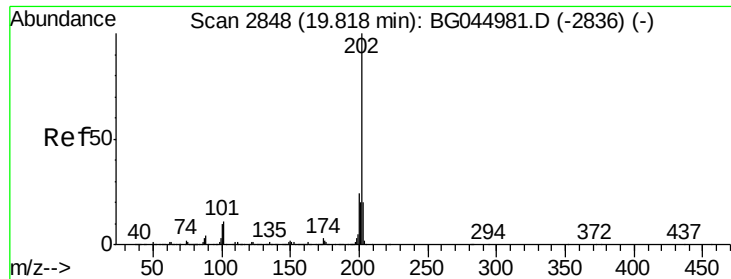


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.42 ng

RT: 19.78 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

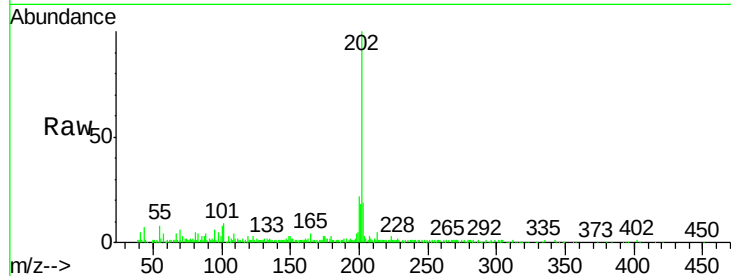
Instrument :

BNA_G

ClientSampleId :

TP-15A

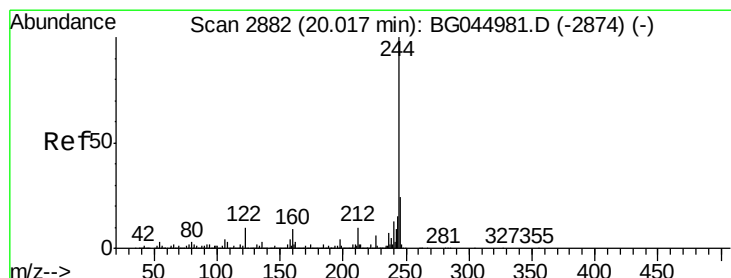
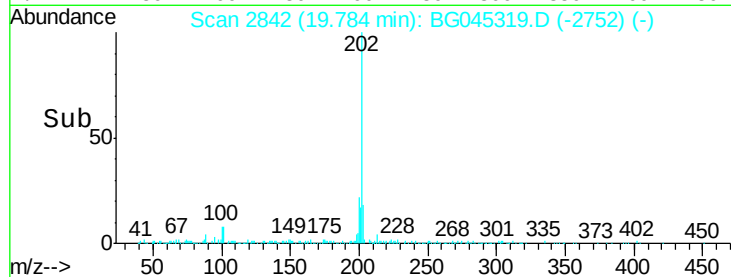
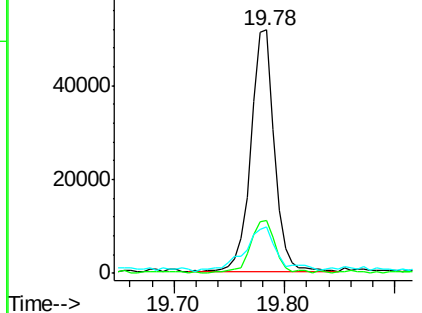
Tgt Ion:	202	Resp:	77101
Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.0	28.6
203	19.1	16.1	24.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 81.91 ng

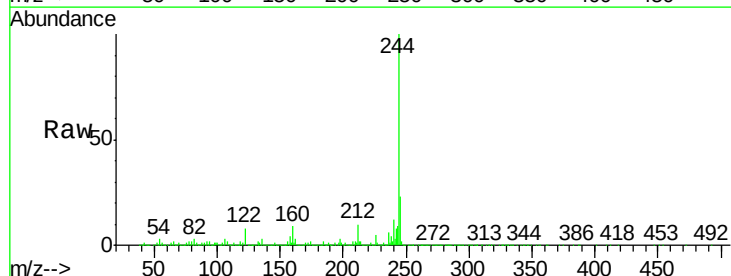
RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045319.D

Acq: 12 May 2020 7:23

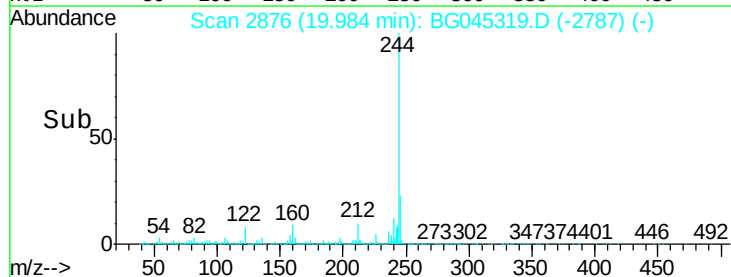
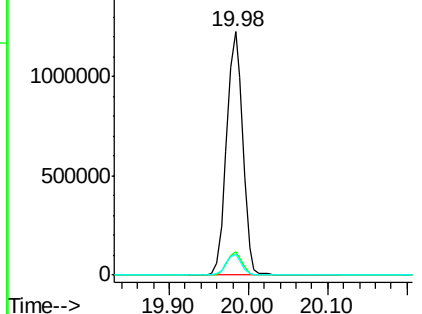
Tgt Ion:	244	Resp:	1735590
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.5	7.7	11.5

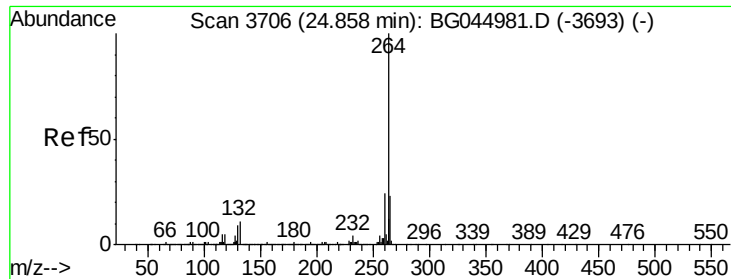


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

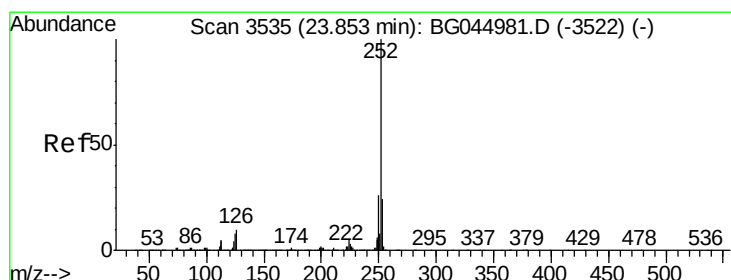
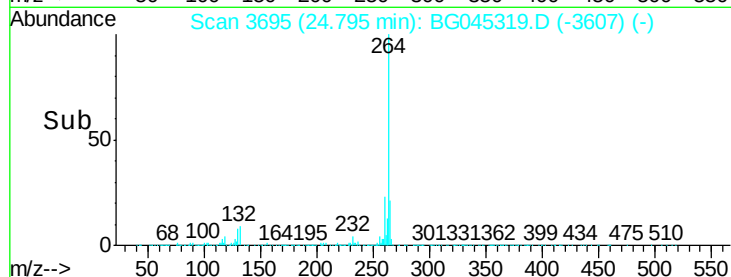
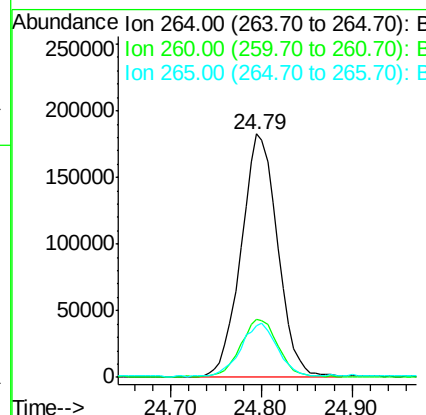
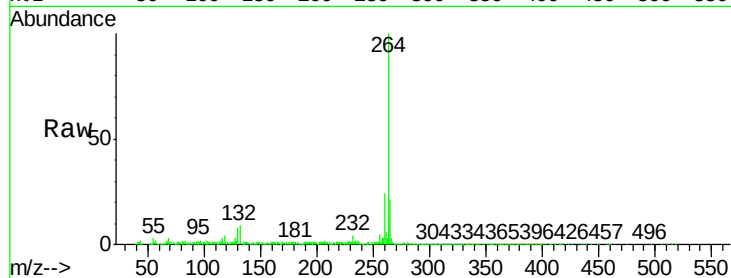




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:	264	Resp:	508921
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.5	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 2.48 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.02 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:	252	Resp:	79017
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.8	28.2#
125	11.3	6.2	9.4#

