

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042583.D
 Acq On : 30 Aug 2019 2:36
 Operator : HP/JU
 Sample : K4567-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-D

Quant Time: Aug 30 05:38:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

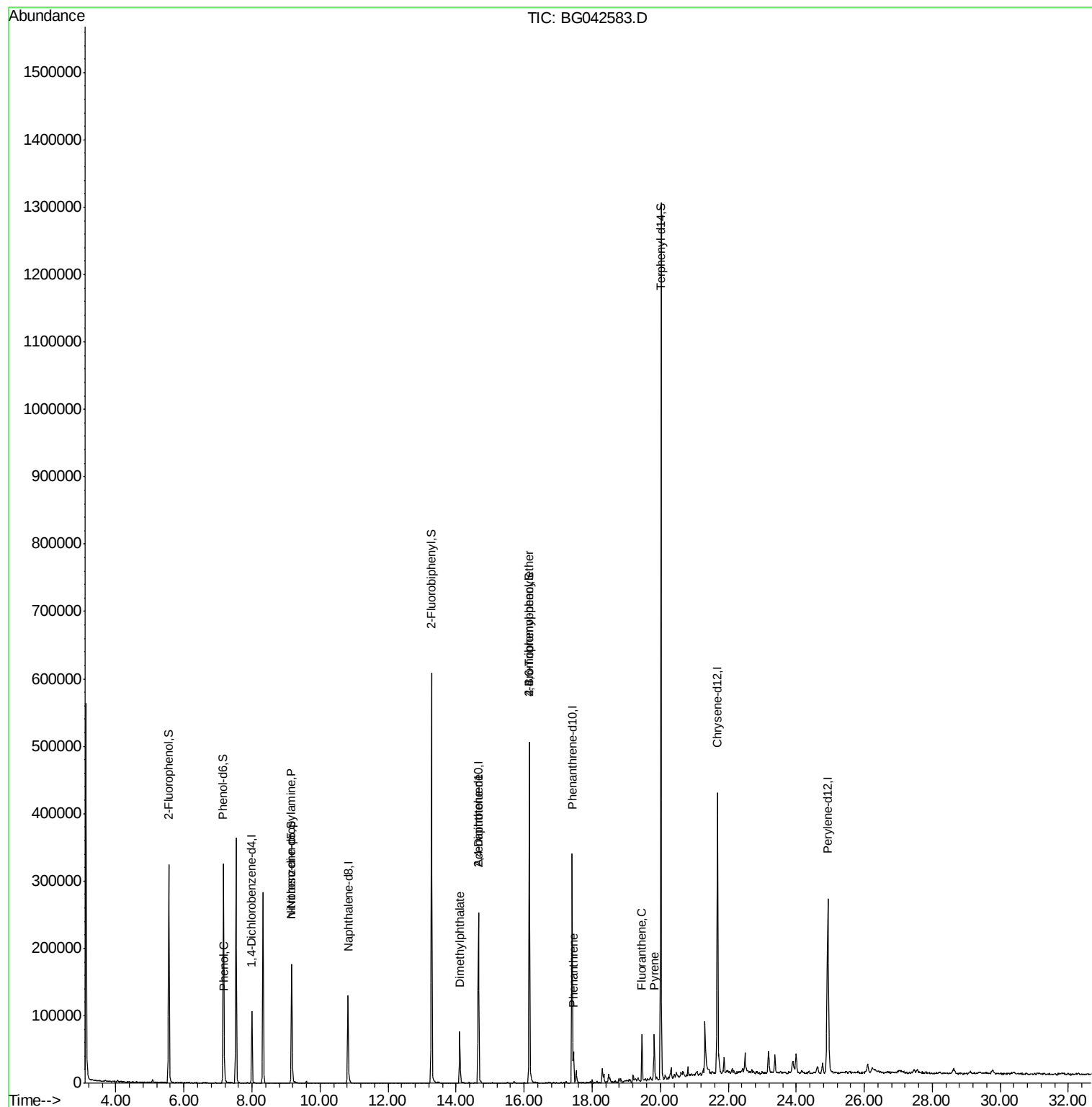
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35754	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	141100	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	106232	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	247131	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	260200	20.00	ng	-0.01
87) Perylene-d12	24.93	264	310271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	166579	94.36	ng	0.00
7) Phenol-d6	7.16	99	220461	92.45	ng	-0.01
23) Nitrobenzene-d5	9.16	82	123644	60.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	129707	85.90	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	373280	59.43	ng	0.00
79) Terphenyl-d14	20.02	244	678922	56.41	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5983	2.468	ng	82
19) n-Nitroso-di-n-propylamine	9.16	70	15737	10.186	ng	# 75
50) Dimethylphthalate	14.10	163	73050	9.530	ng	# 97
57) 2,4-Dinitrotoluene	14.66	165	13553	5.327	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	8623	2.751	ng	# 1
71) Phenanthrene	17.45	178	34527	2.813	ng	98
75) Fluoranthene	19.46	202	50057	3.341	ng	95
78) Pyrene	19.83	202	47590	2.983	ng	96

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

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QLast Update : Thu Aug 22 14:29:15 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

Instrument :

BNA_G

ClientSampleId :

TP-8-D

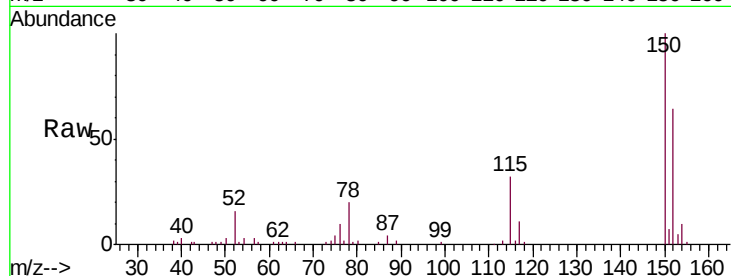
Tgt Ion:152 Resp: 35754

Ion Ratio Lower Upper

152 100

150 157.0 125.4 188.0

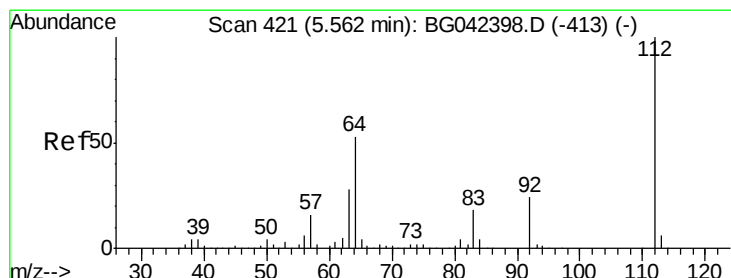
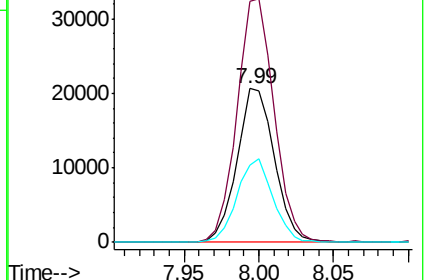
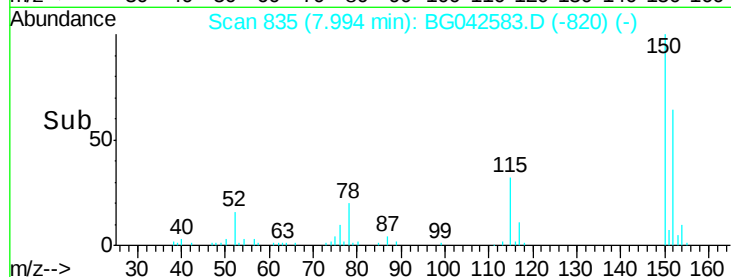
115 50.2 38.5 57.7



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: 94.359 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

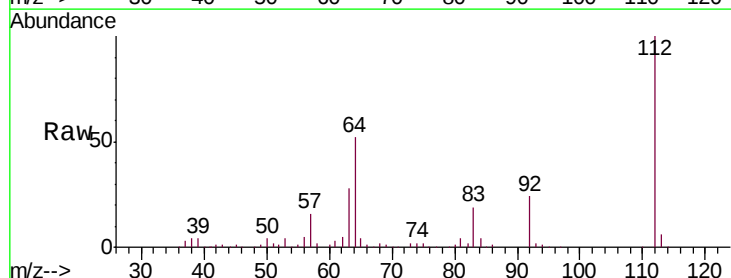
Tgt Ion:112 Resp: 166579

Ion Ratio Lower Upper

112 100

64 51.9 42.8 64.2

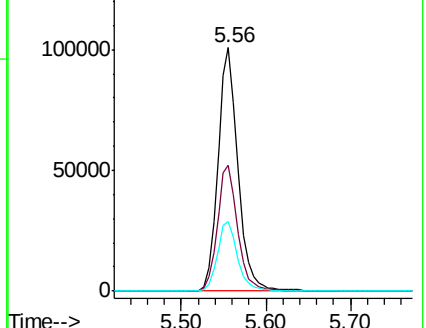
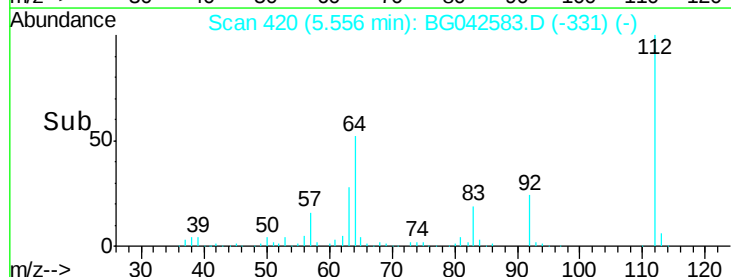
63 28.4 22.7 34.1

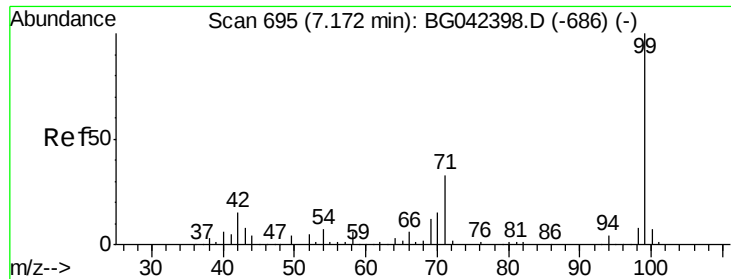


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.451 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

Instrument :

BNA_G

ClientSampleId :

TP-8-D

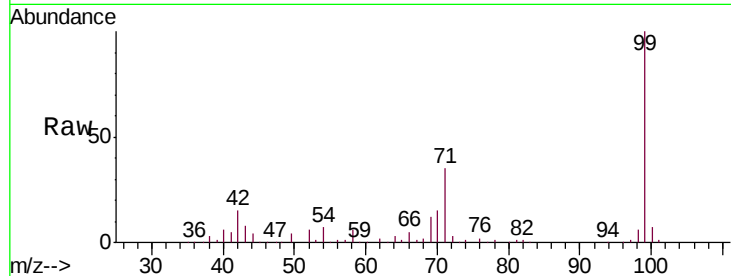
Tgt Ion: 99 Resp: 220461

Ion Ratio Lower Upper

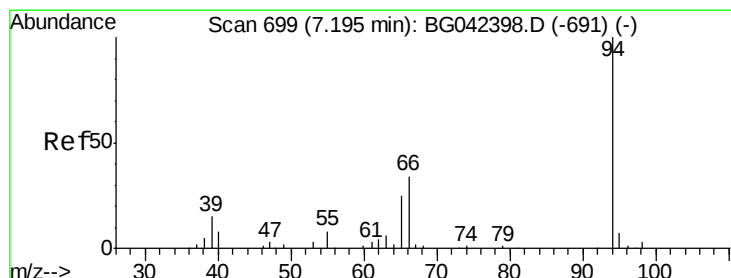
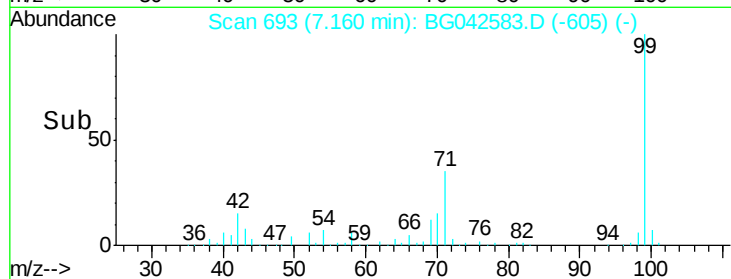
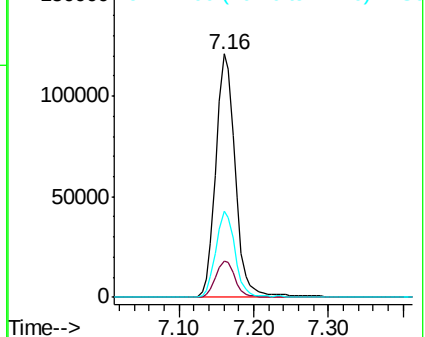
99 100

42 15.1 12.0 18.0

71 35.3 26.3 39.5



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



#10

Phenol

Concen: 2.468 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

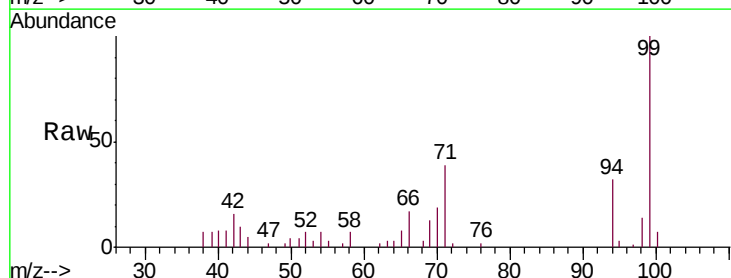
Tgt Ion: 94 Resp: 5983

Ion Ratio Lower Upper

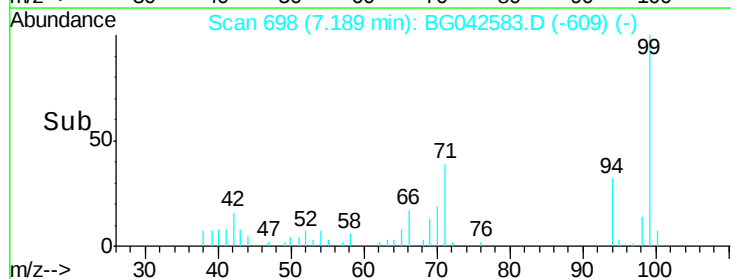
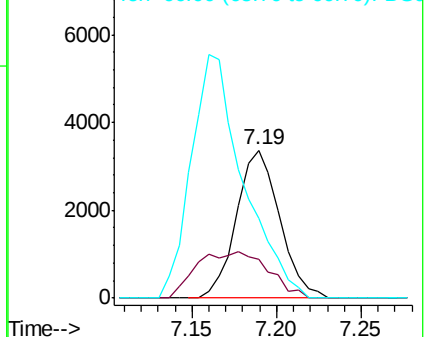
94 100

65 26.1 5.6 45.6

66 53.5 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

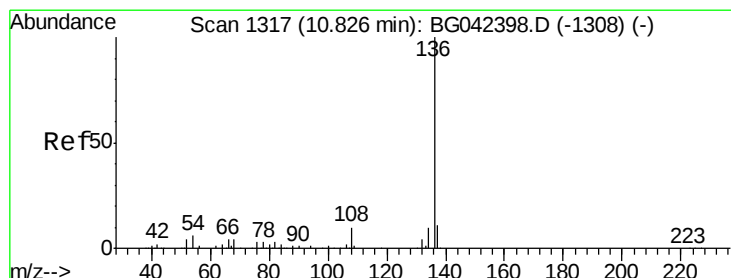
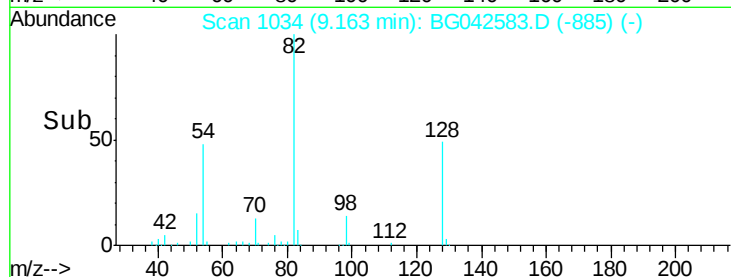
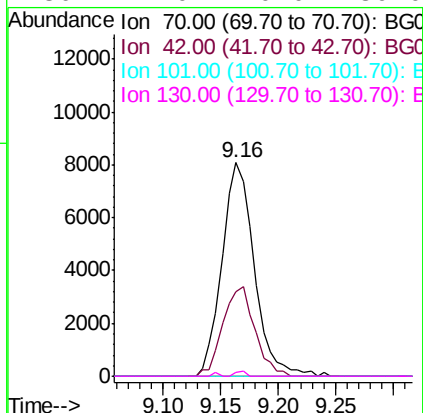
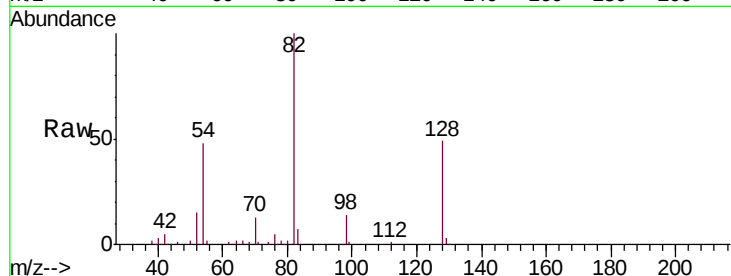




#19
n-Nitroso-di-n-propylamine
Concen: 10.186 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

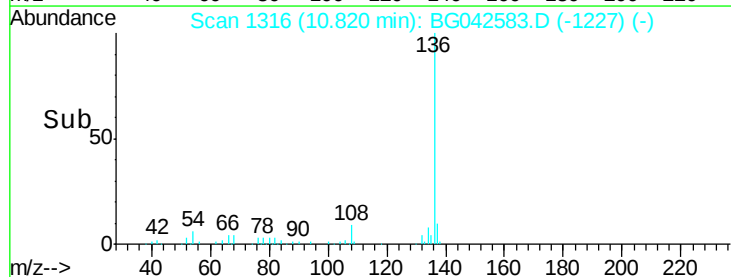
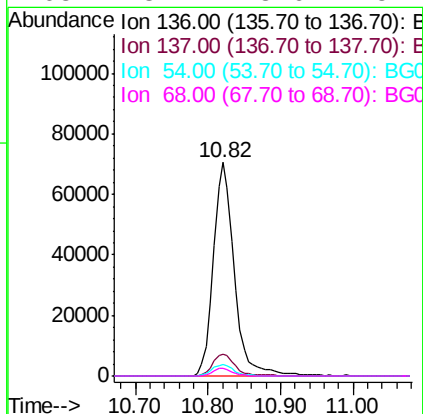
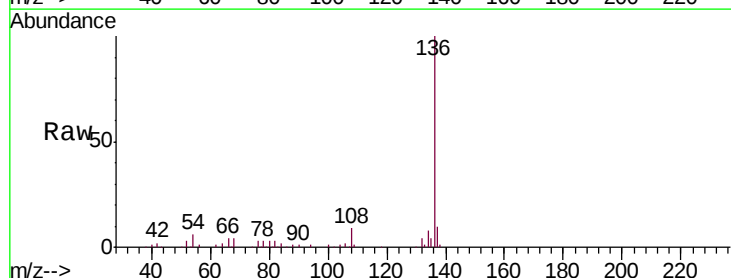
Instrument :
BNA_G
ClientSampleId :
TP-8-D

Tgt Ion: 70 Resp: 15737
Ion Ratio Lower Upper
70 100
42 39.8 38.8 58.2
101 0.0 9.0 13.6#
130 2.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

Tgt Ion: 136 Resp: 141100
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 5.6 4.9 7.3
68 3.7 3.6 5.4

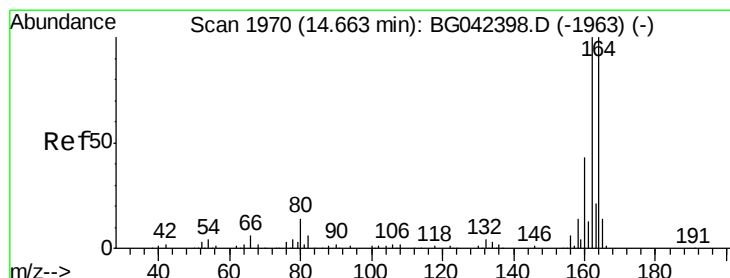
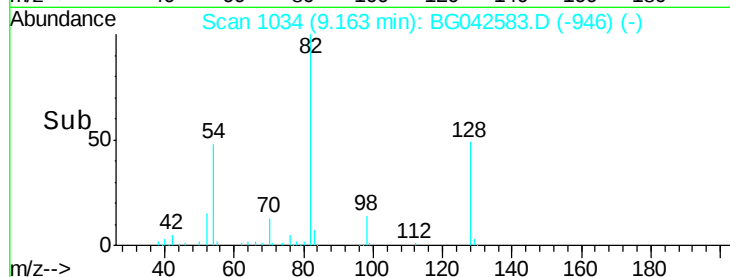
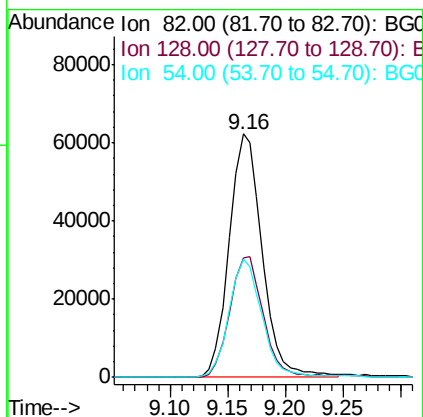
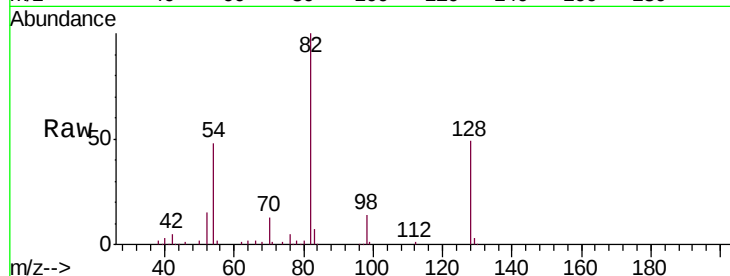




#23
Nitrobenzene-d5
Concen: 60.555 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

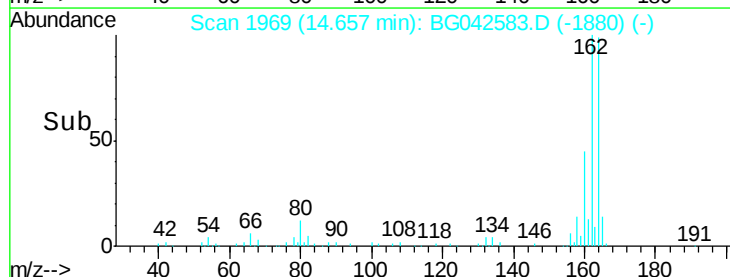
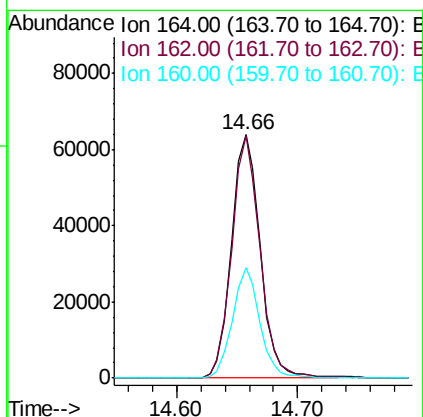
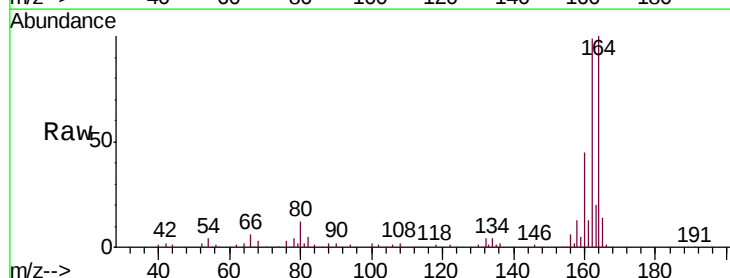
Instrument :
BNA_G
ClientSampleId :
TP-8-D

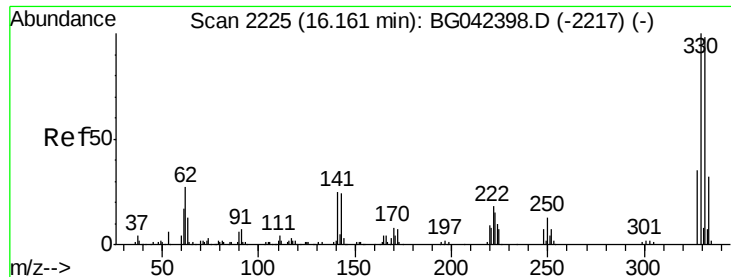
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	48.3	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	45.2	34.3	51.5

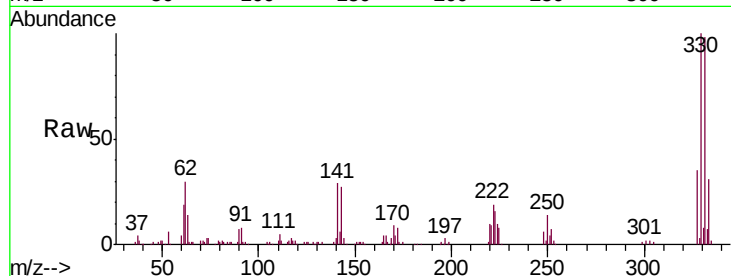




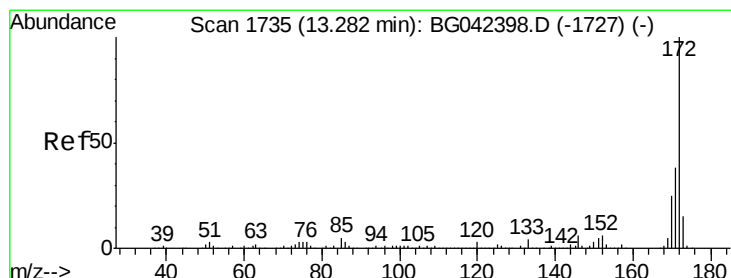
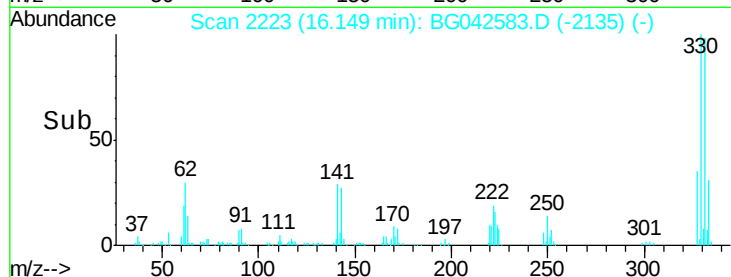
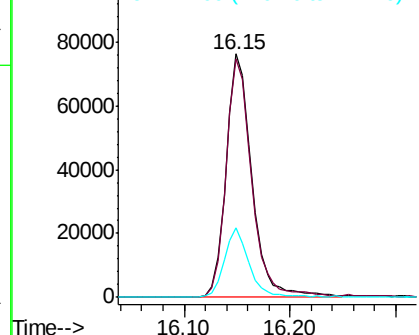
#42
 2,4,6-Tribromophenol
 Concen: 85.904 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042583.D
 Acq: 30 Aug 2019 2:36

Instrument :
 BNA_G
 ClientSampled :
 TP-8-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	27.5	21.4	32.0

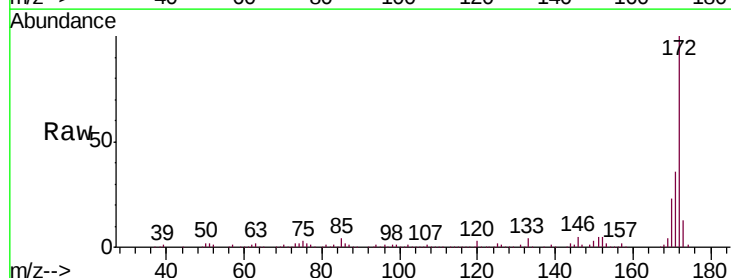


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

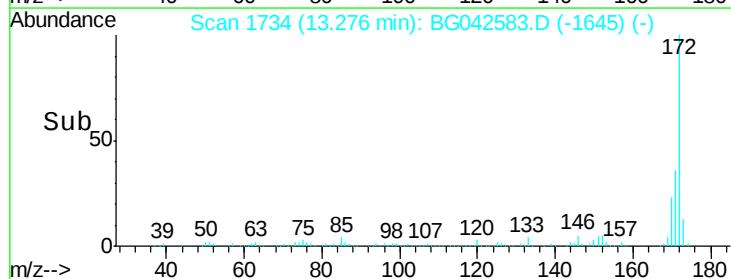
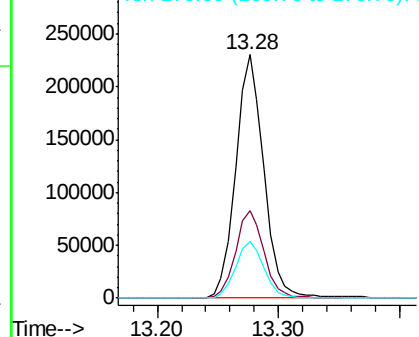


#45
 2-Fluorobiphenyl
 Concen: 59.429 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042583.D
 Acq: 30 Aug 2019 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.4	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.530 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

Instrument :

BNA_G

ClientSampled :

TP-8-D

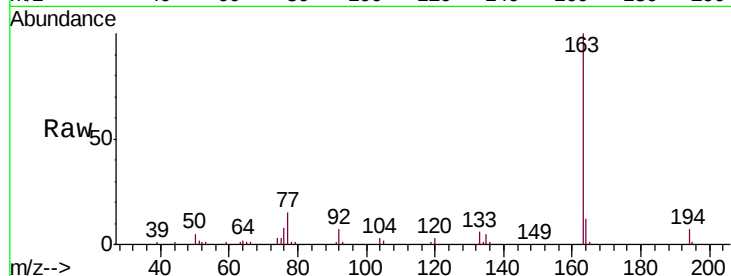
Tgt Ion:163 Resp: 73050

Ion Ratio Lower Upper

163 100

194 6.6 4.2 6.2#

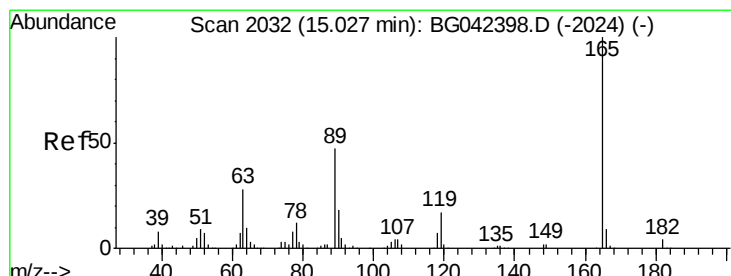
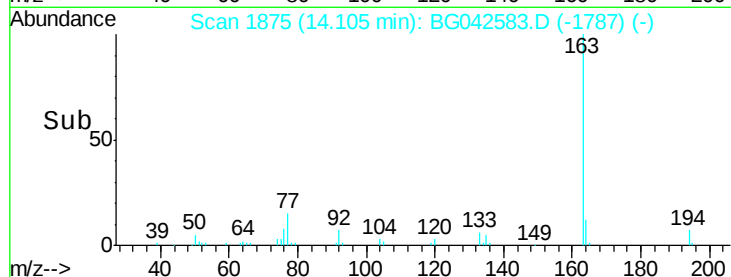
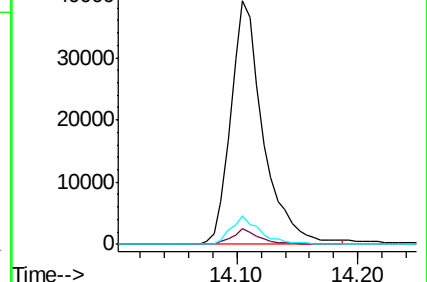
164 11.7 8.8 13.2



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



#57

2,4-Dinitrotoluene

Concen: 5.327 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

Tgt Ion:165 Resp: 13553

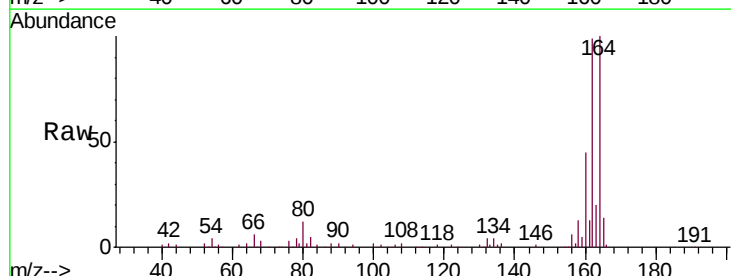
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

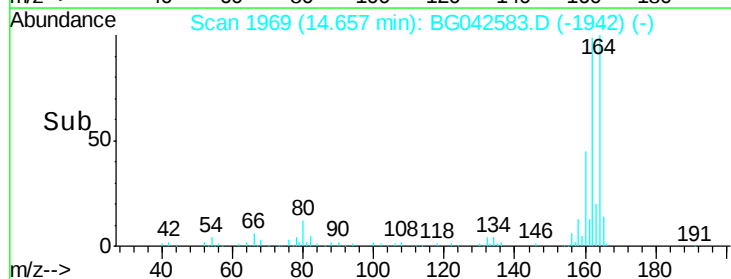
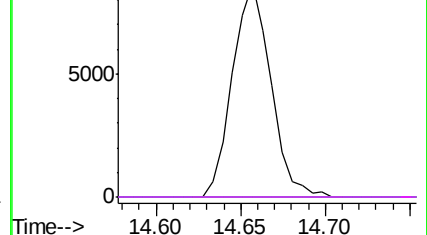


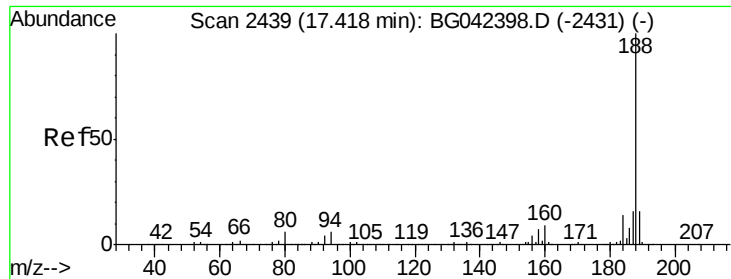
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

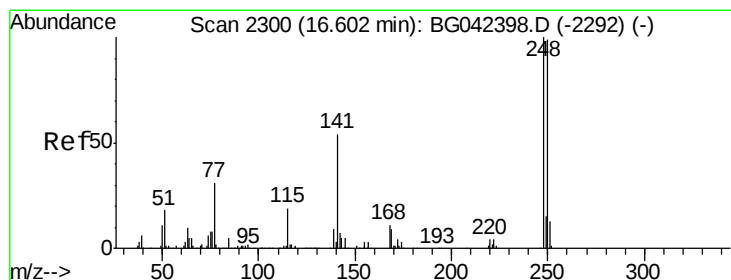
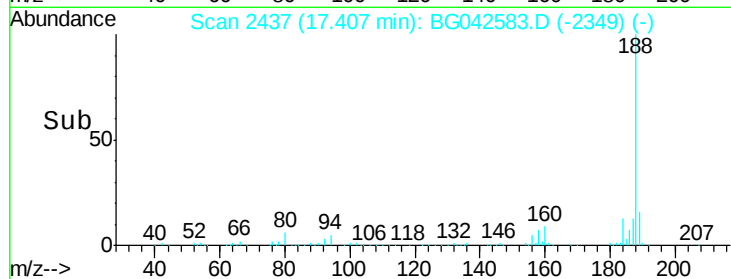
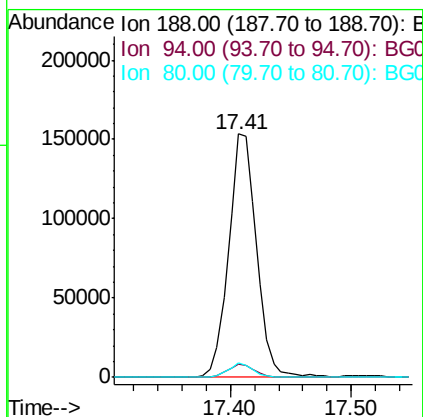
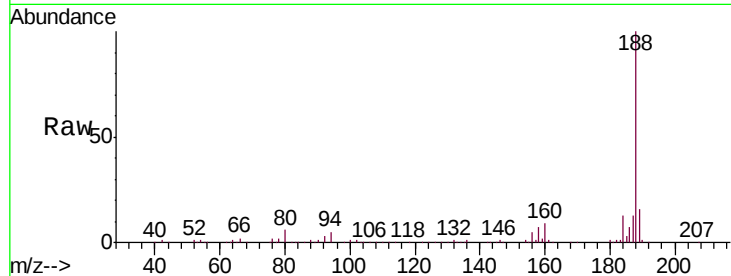




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

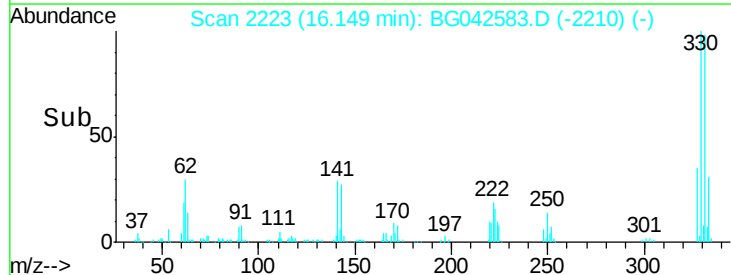
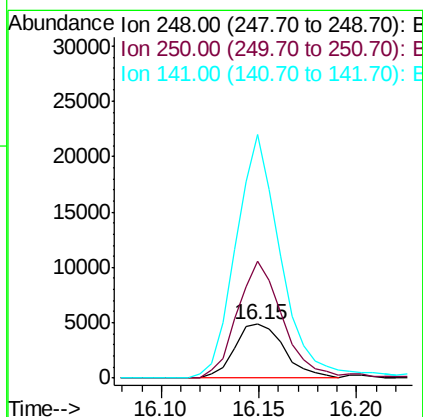
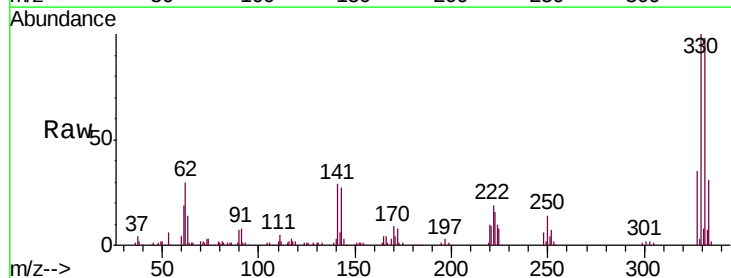
Instrument :
BNA_G
ClientSampleId :
TP-8-D

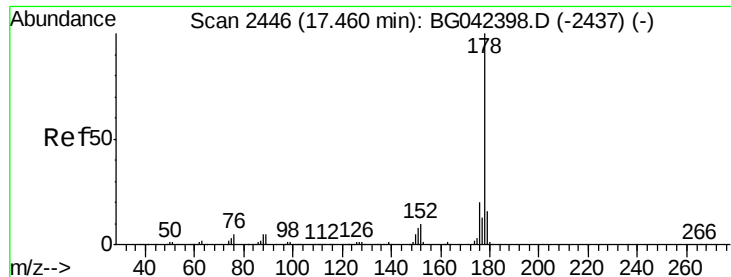
Tgt Ion:188 Resp: 247131
Ion Ratio Lower Upper
188 100
94 5.4 4.5 6.7
80 5.7 4.9 7.3



#67
4-Bromophenyl-phenylether
Concen: 2.751 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

Tgt Ion:248 Resp: 8623
Ion Ratio Lower Upper
248 100
250 216.5 78.9 118.3#
141 450.3 43.3 64.9#

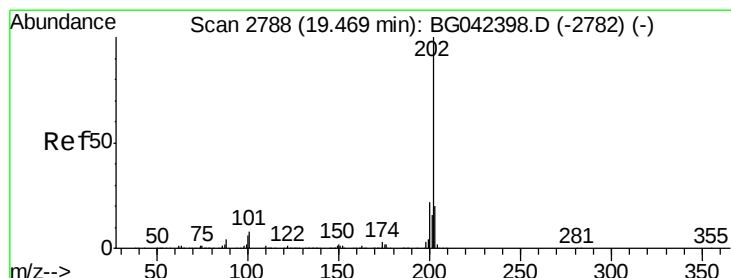
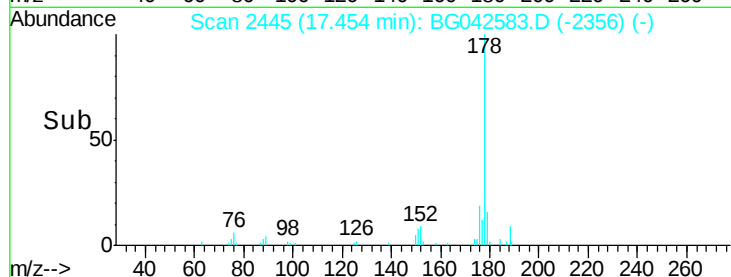
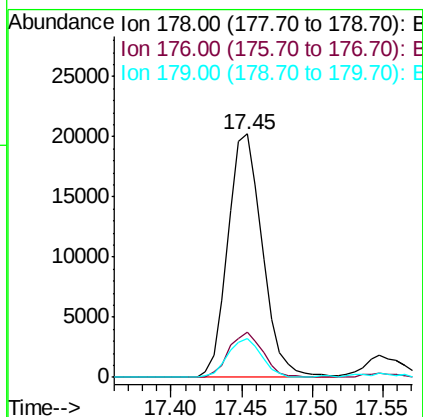
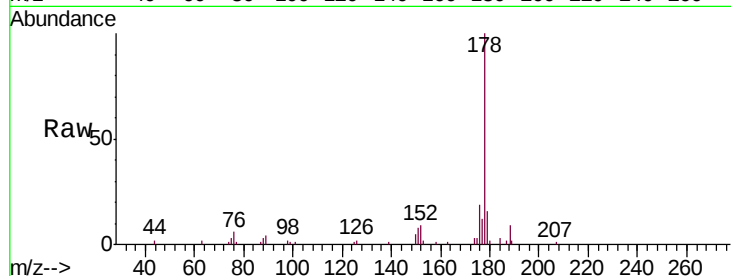




#71
Phenanthrene
Concen: 2.813 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

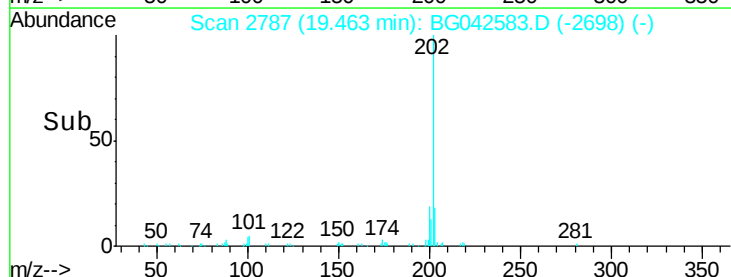
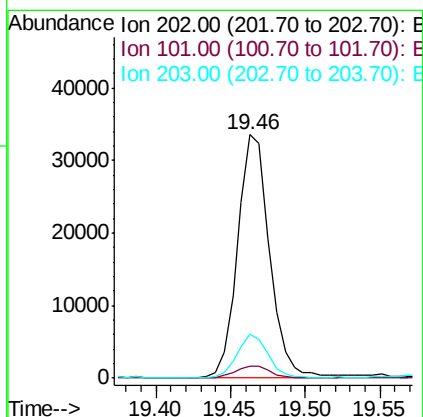
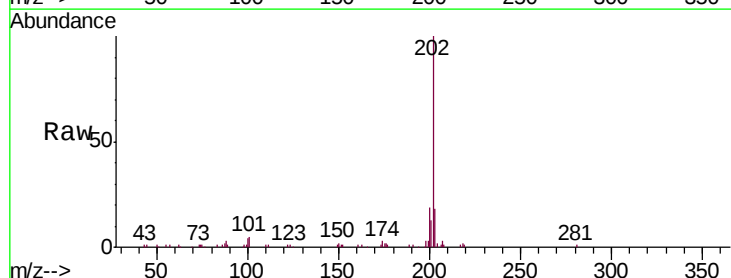
Instrument :
BNA_G
ClientSampleId :
TP-8-D

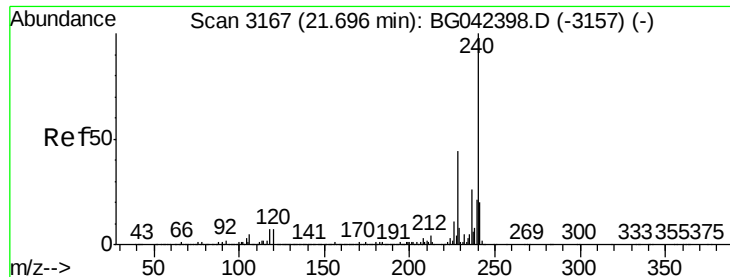
Tgt Ion:178 Resp: 34527
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 16.1 12.7 19.1



#75
Fluoranthene
Concen: 3.341 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

Tgt Ion:202 Resp: 50057
Ion Ratio Lower Upper
202 100
101 5.0 0.0 28.3
203 18.1 0.0 39.6

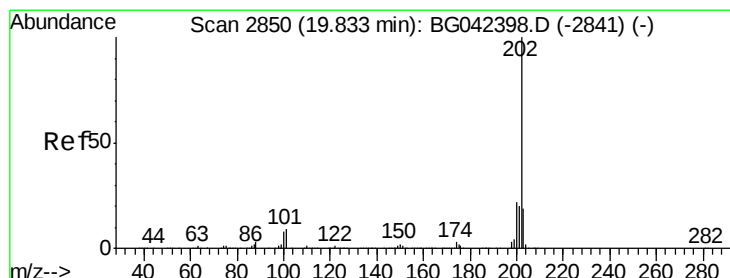
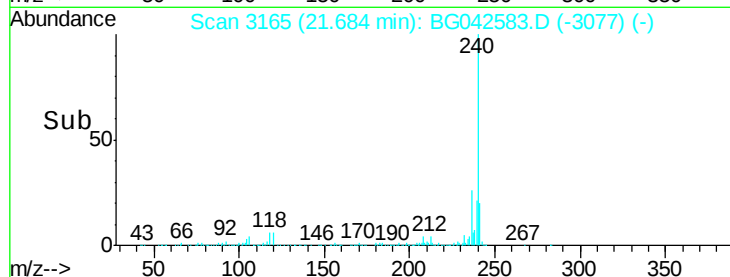
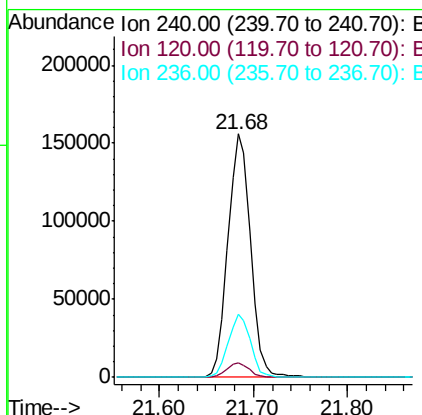
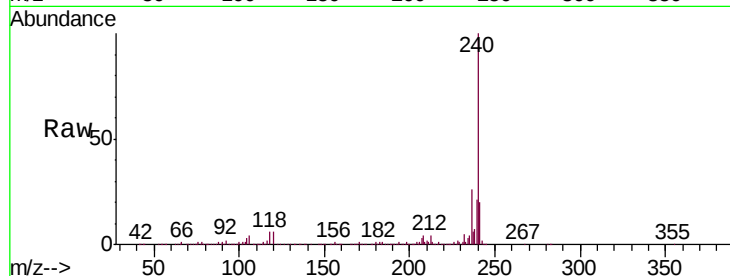




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

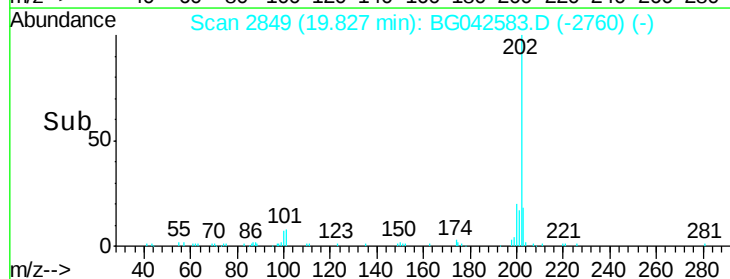
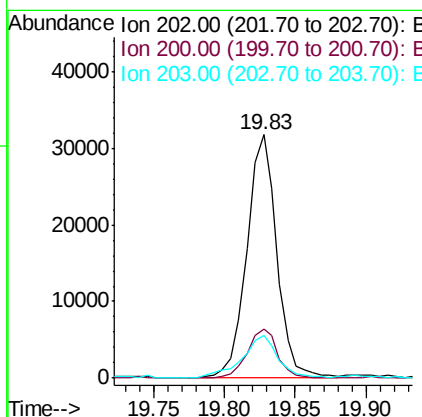
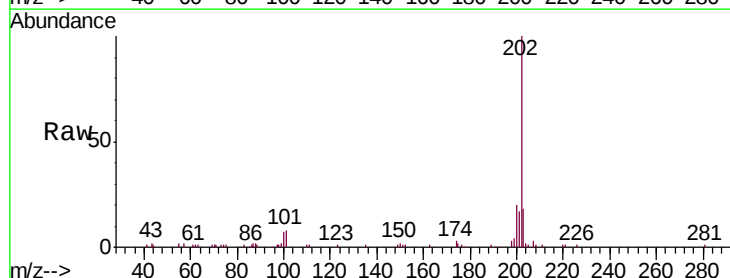
Instrument :
BNA_G
ClientSampleId :
TP-8-D

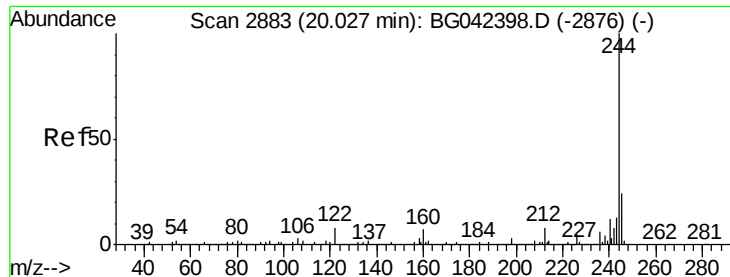
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	26.0	21.0	31.4



#78
Pyrene
Concen: 2.983 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042583.D
Acq: 30 Aug 2019 2:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.5	15.5	23.3





#79

Terphenyl-d14

Concen: 56.409 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

Instrument :

BNA_G

ClientSampleId :

TP-8-D

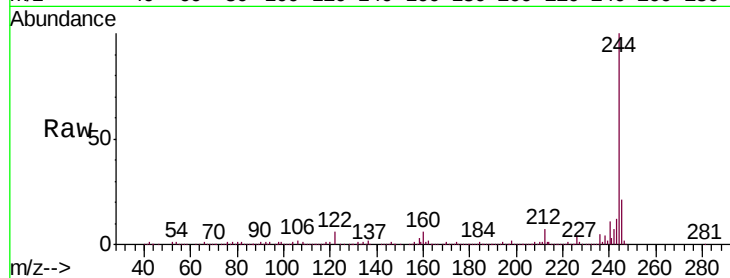
Tgt Ion:244 Resp: 678922

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

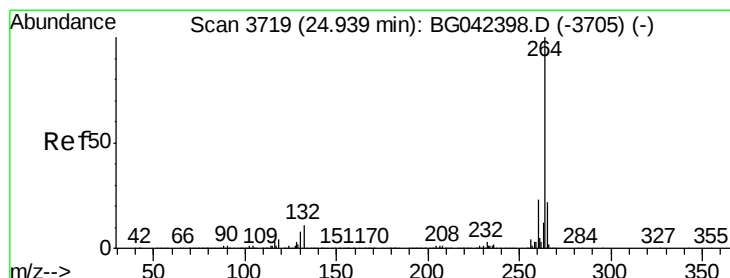
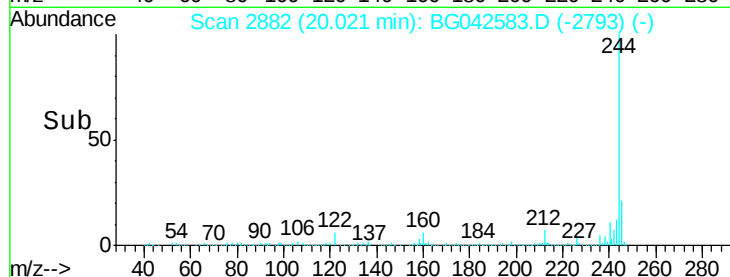
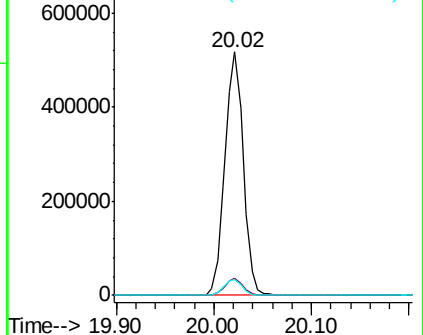
122 6.3 6.7 10.1#



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: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042583.D

Acq: 30 Aug 2019 2:36

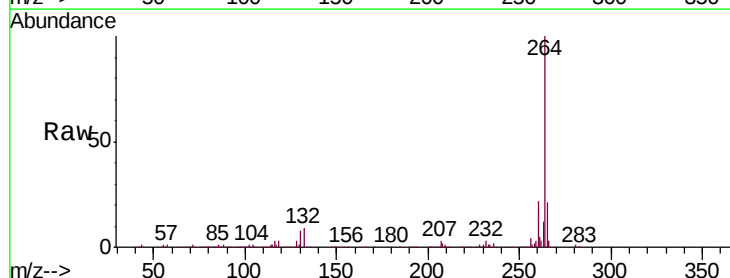
Tgt Ion:264 Resp: 310271

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 21.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

