

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043574.D
 Acq On : 8 Nov 2019 18:02
 Operator : JU
 Sample : K5742-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-(4-6)

Quant Time: Nov 11 00:33:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

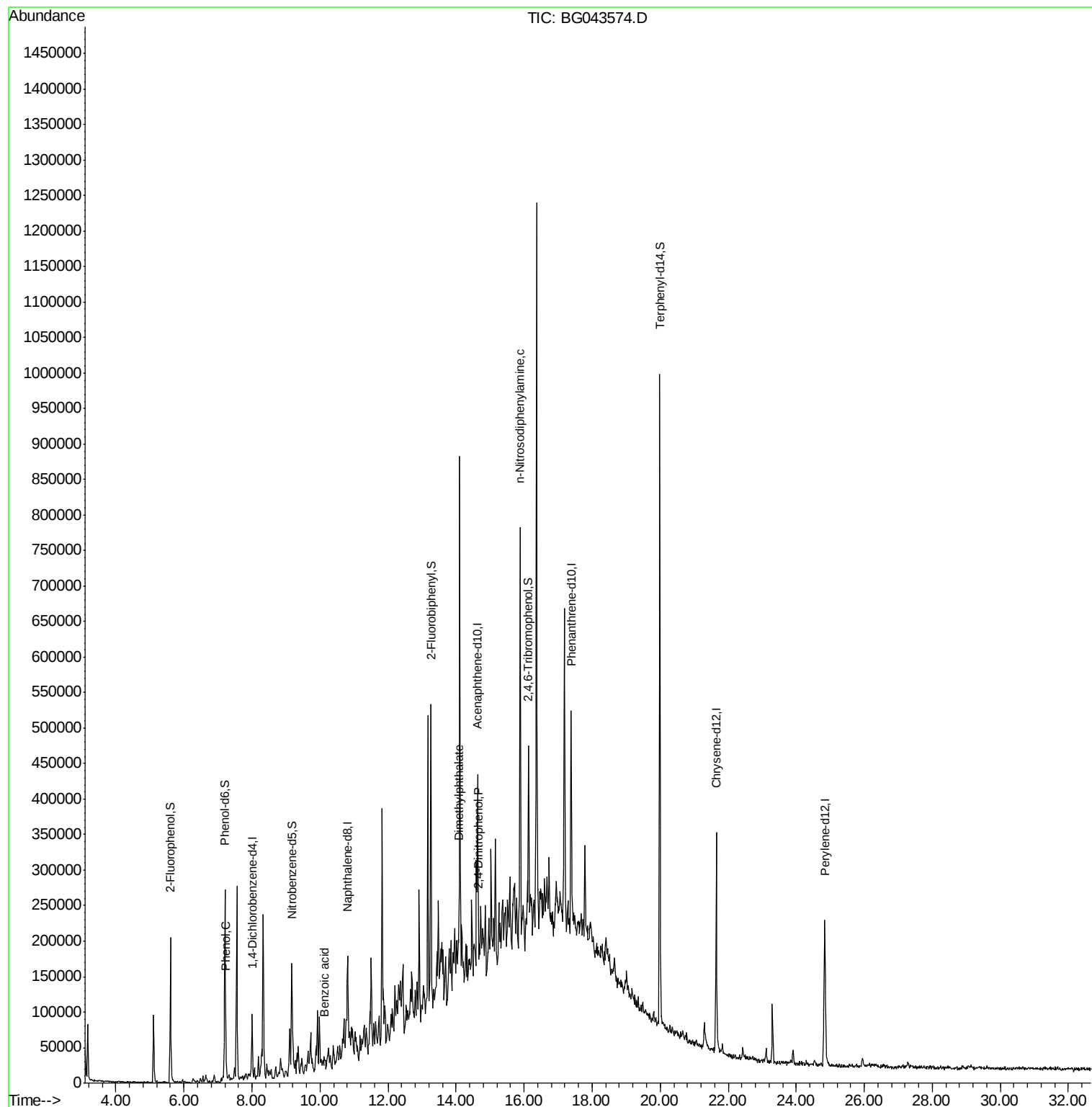
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28412	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107224	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	79316	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	191511	20.00	ng	0.00
76) Chrysene-d12	21.65	240	204902	20.00	ng	0.00
87) Perylene-d12	24.84	264	236244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	100864	65.05	ng	0.01
7) Phenol-d6	7.21	99	178028	79.80	ng	0.01
23) Nitrobenzene-d5	9.17	82	105134	50.55	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	63607	42.14	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	253546	44.17	ng	0.00
79) Terphenyl-d14	19.99	244	512034	46.88	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11205	5.497	ng	81
32) Benzoic acid	10.14	122	62	9.097	ng	# 1
50) Dimethylphthalate	14.09	163	28603	4.656	ng	# 97
54) 2,4-Dinitrophenol	14.66	184	58	7.346	ng	# 1
66) n-Nitrosodiphenylamine	15.89	169	14982	2.771	ng	# 44

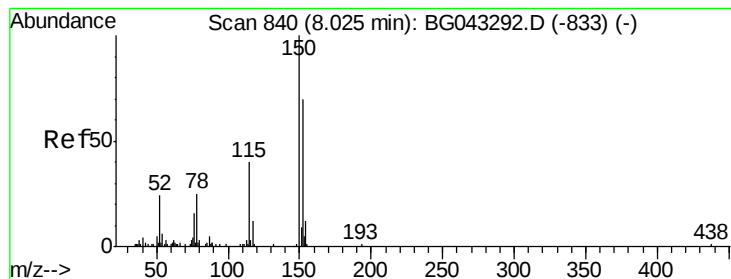
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

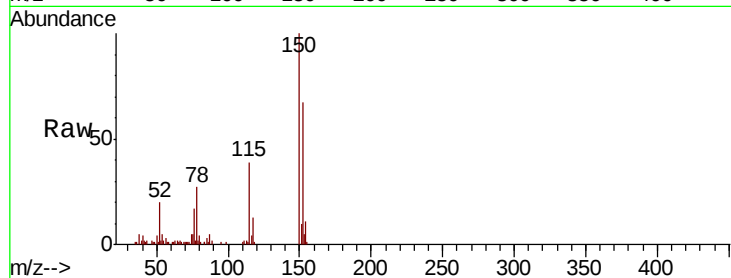
Tot Ion:152 Resp: 28412

Ion Ratio Lower Upper

152 100

150 148.4 129.4 194.0

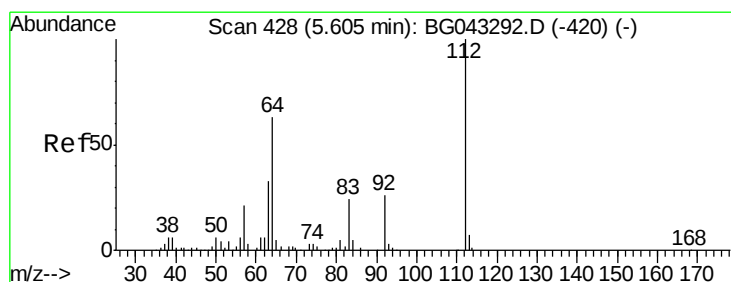
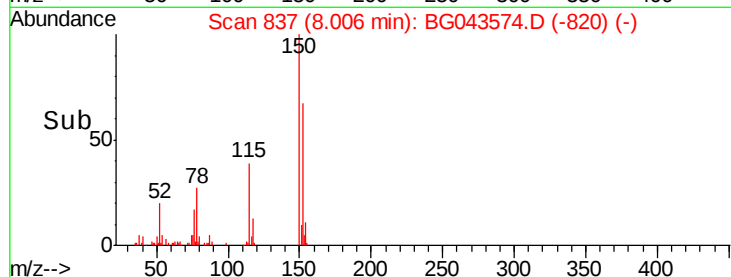
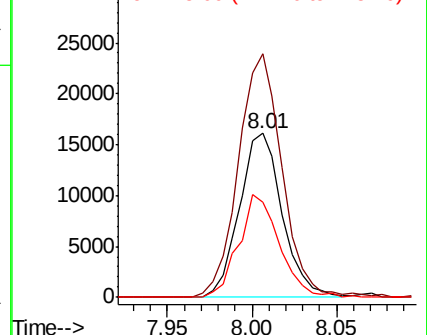
115 57.8 48.8 73.2



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: 65.053 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

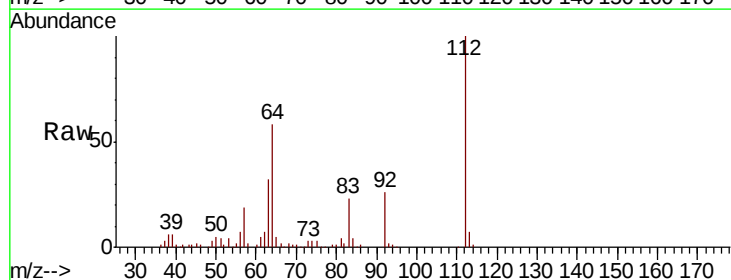
Tgt Ion:112 Resp: 100864

Ion Ratio Lower Upper

112 100

64 57.6 50.0 75.0

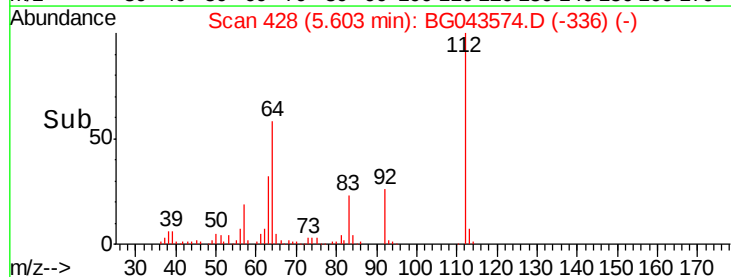
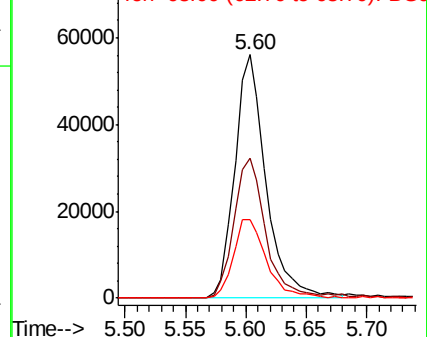
63 32.1 26.6 40.0

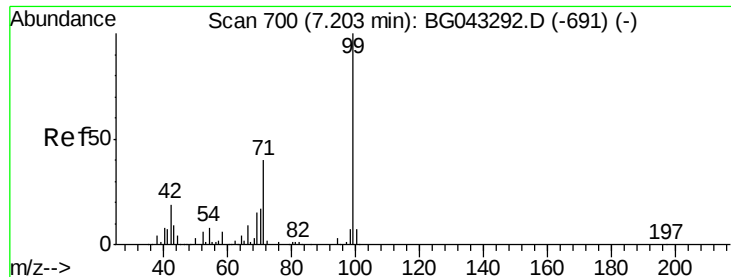


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.805 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

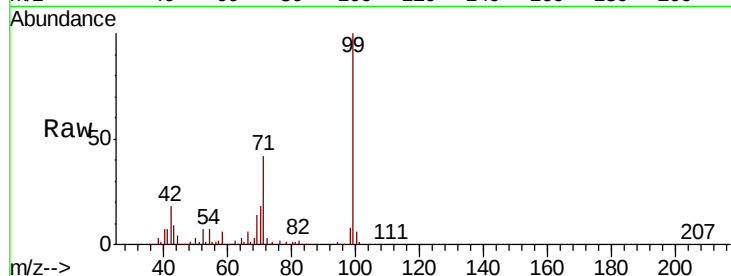
Tot Ion: 99 Resp: 178028

Ion Ratio Lower Upper

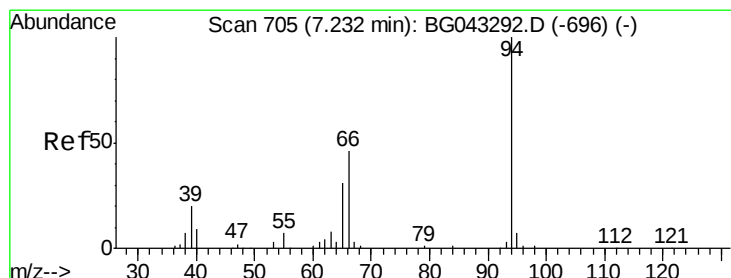
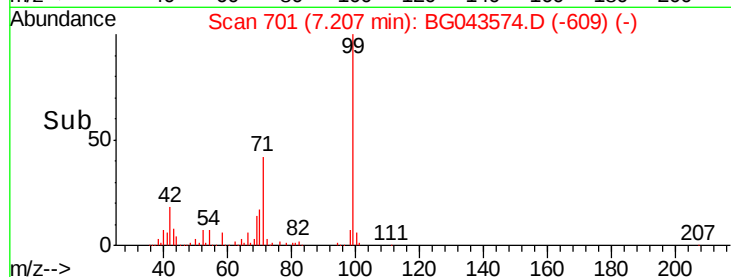
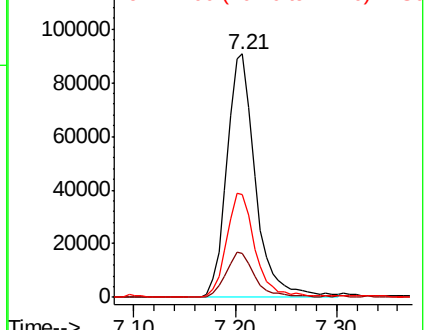
99 100

42 18.0 14.6 21.8

71 42.4 32.5 48.7



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: 5.497 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

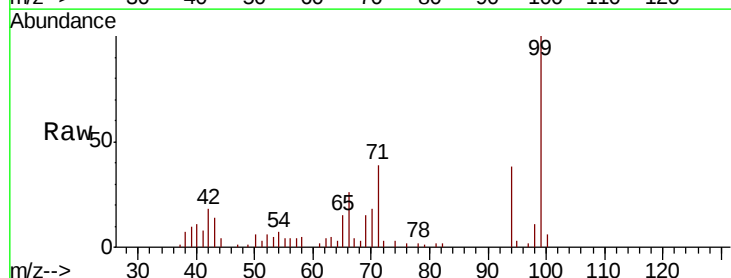
Tgt Ion: 94 Resp: 11205

Ion Ratio Lower Upper

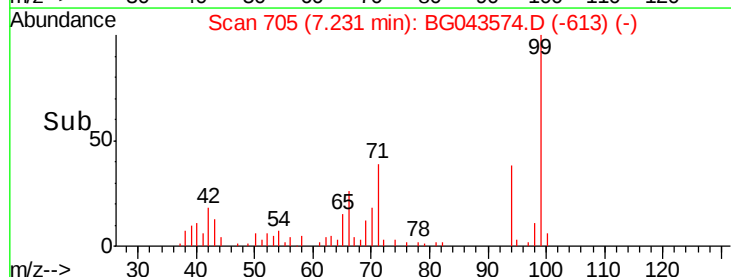
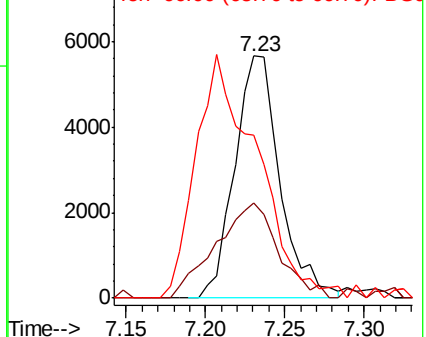
94 100

65 39.1 12.6 52.6

66 67.2 30.7 70.7



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

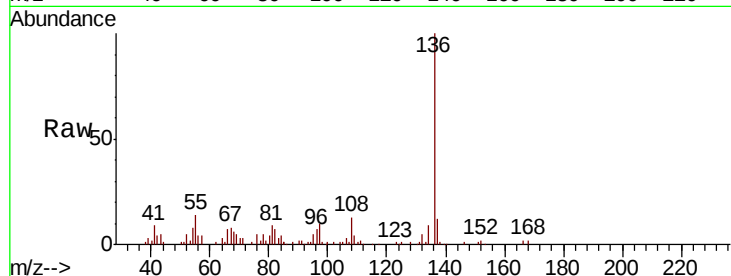




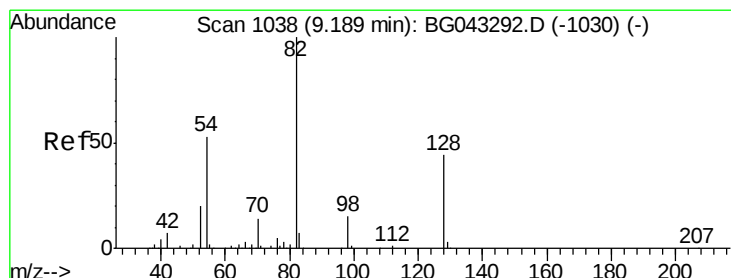
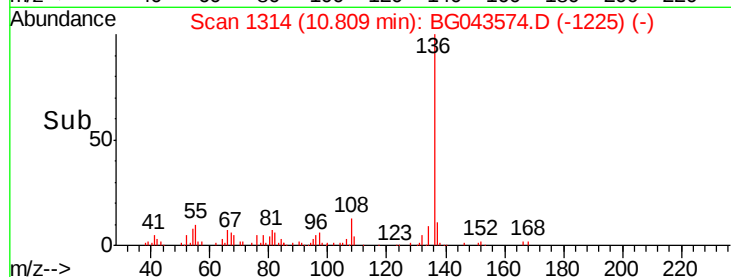
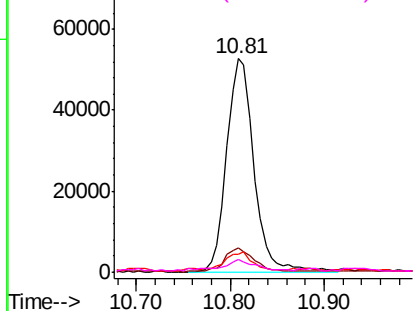
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Tot Ion:136	Resp:	107224
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.7 13.1
54	8.2	5.4 8.2#
68	5.8	3.0 4.4#

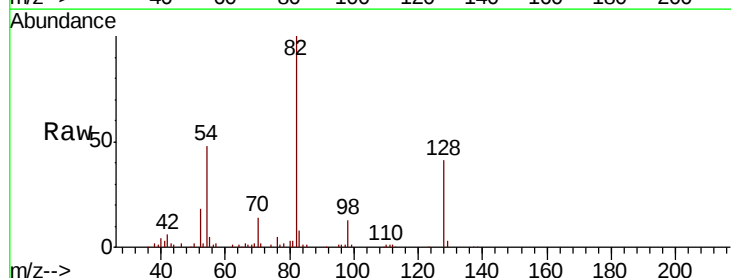


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

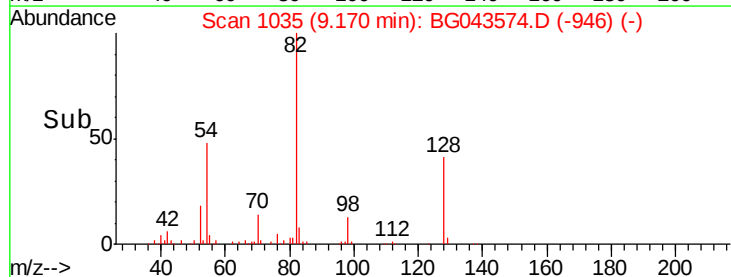
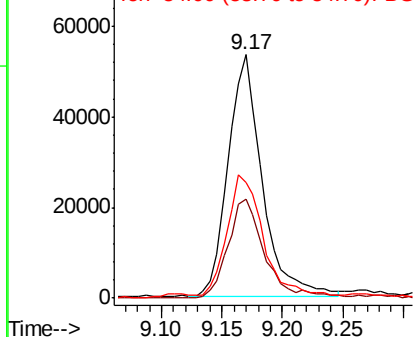


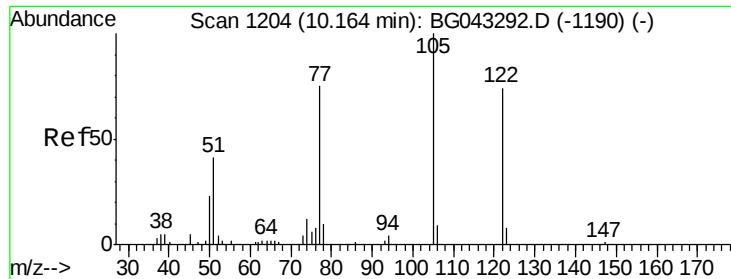
#23
Nitrobenzene-d5
Concen: 50.550 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion: 82	Resp:	105134
Ion	Ratio	Lower Upper
82	100	
128	40.9	35.0 52.6
54	47.7	40.2 60.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

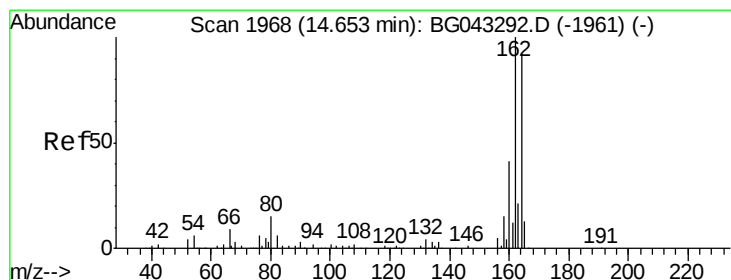
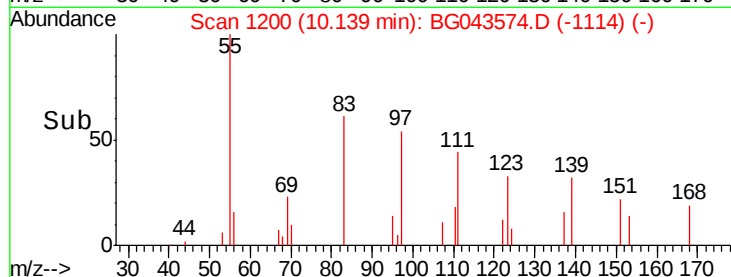
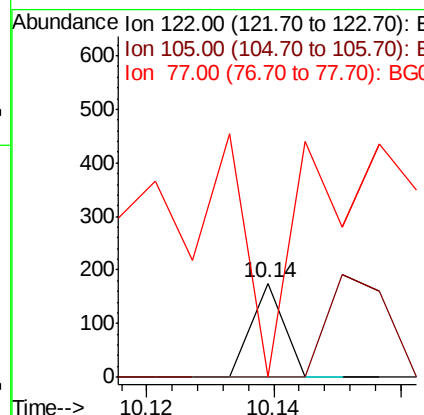
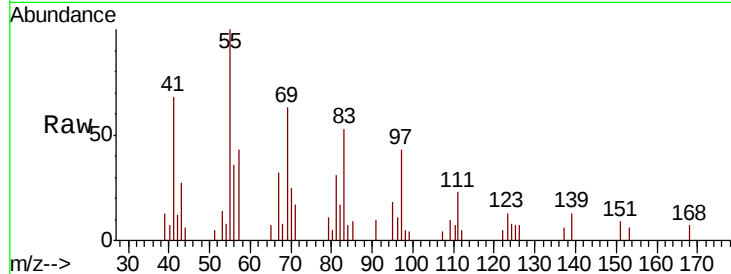




#32
Benzoic acid
Concen: 9.097 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

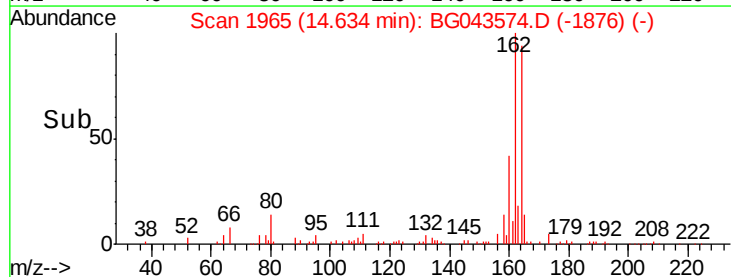
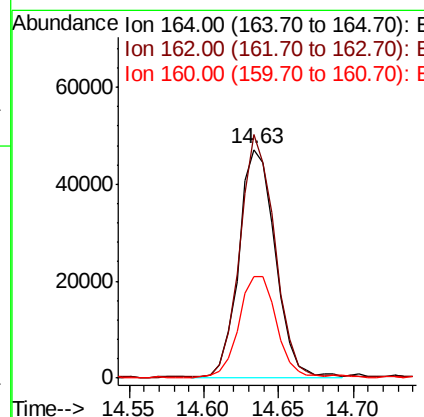
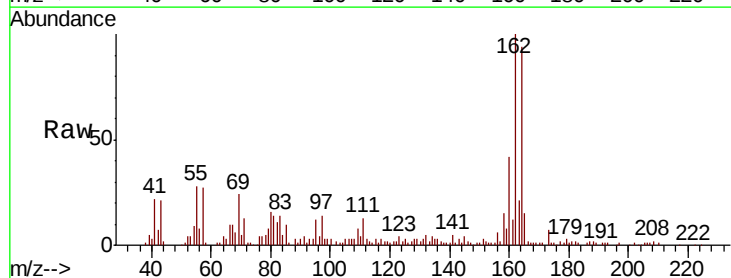
Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

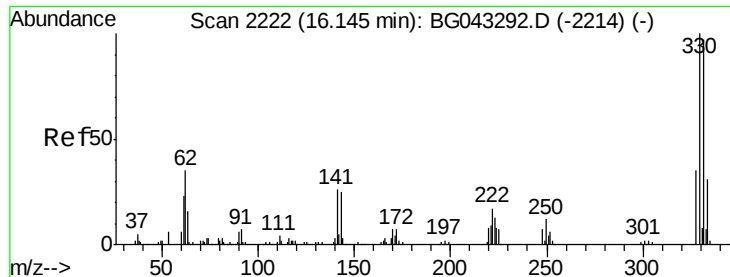
Tot Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 84.9 124.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion:164 Resp: 79316
Ion Ratio Lower Upper
164 100
162 106.4 83.5 125.3
160 44.6 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 42.141 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

SB-10-(4-6)

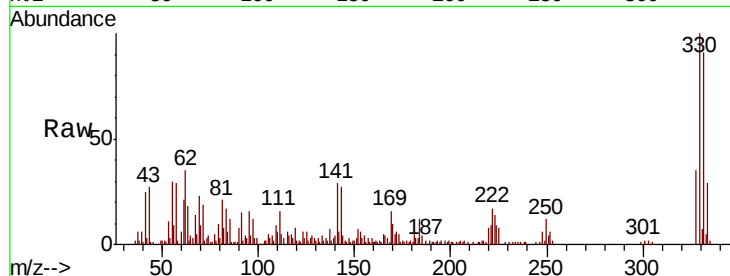
Tot Ion:330 Resp: 63607

Ion Ratio Lower Upper

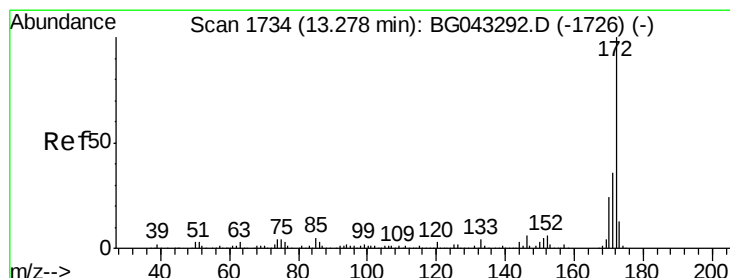
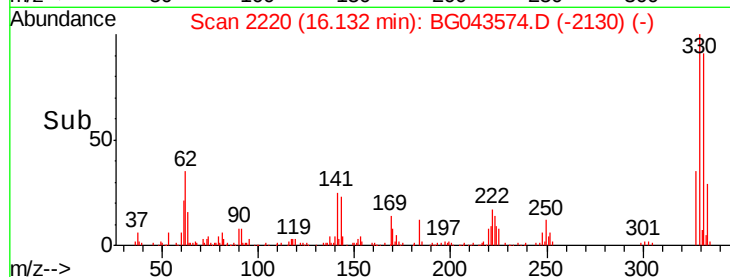
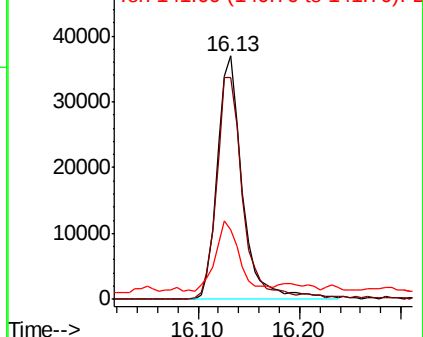
330 100

332 94.1 77.4 116.0

141 27.3 22.8 34.2



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: 44.172 ng

RT: 13.26 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

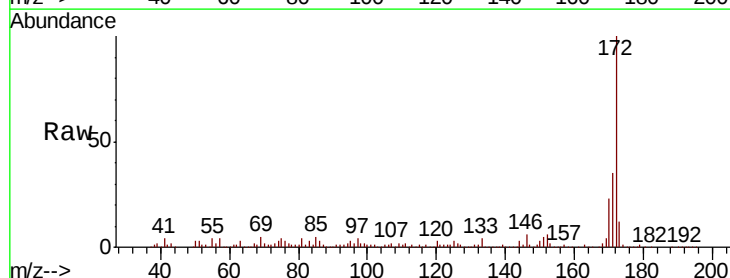
Tgt Ion:172 Resp: 253546

Ion Ratio Lower Upper

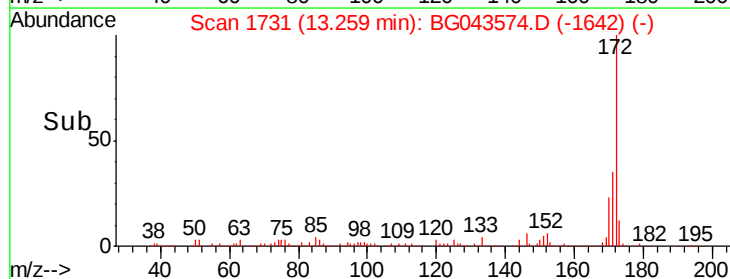
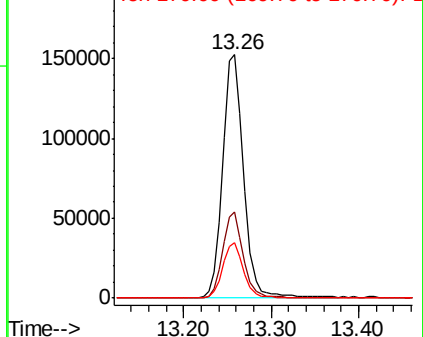
172 100

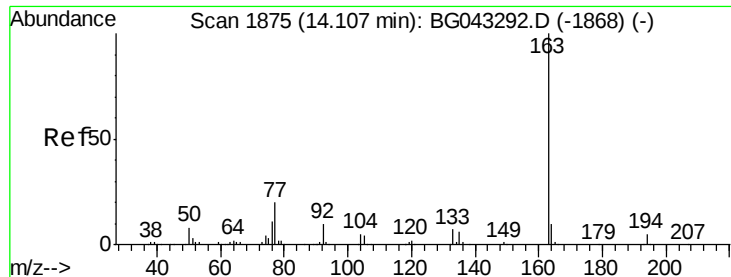
171 35.2 28.9 43.3

170 22.6 18.5 27.7



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: 4.656 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

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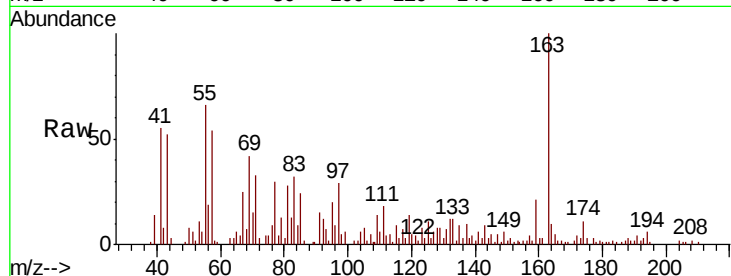
Tot Ion:163 Resp: 28603

Ion Ratio Lower Upper

163 100

194 5.8 3.8 5.6#

164 10.1 8.9 13.3

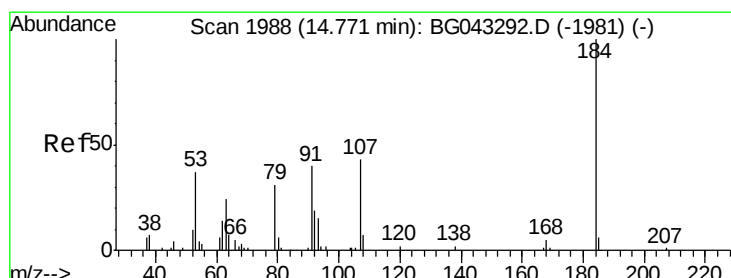
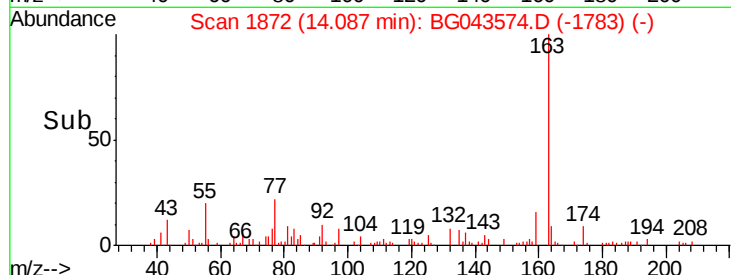
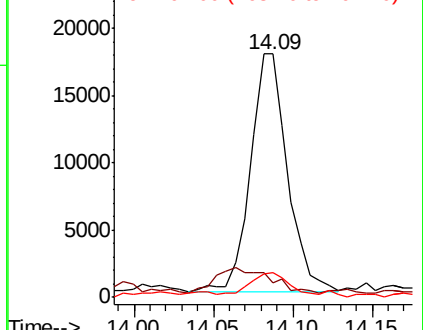


Abundance

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



#54

2,4-Dinitrophenol

Concen: 7.346 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.10 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

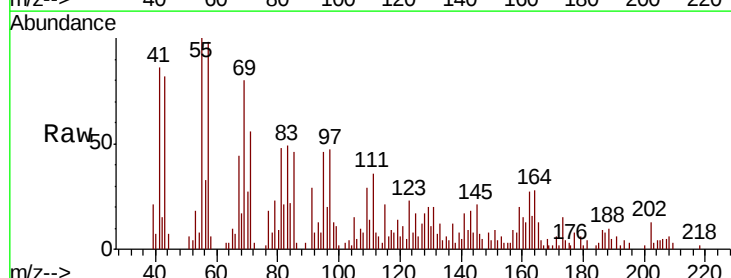
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 144.2 51.3 76.9#

154 169.7 55.4 83.0#

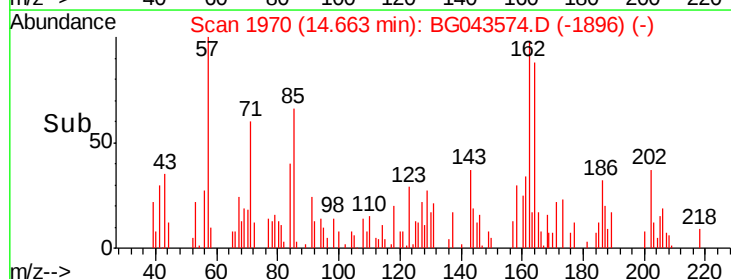
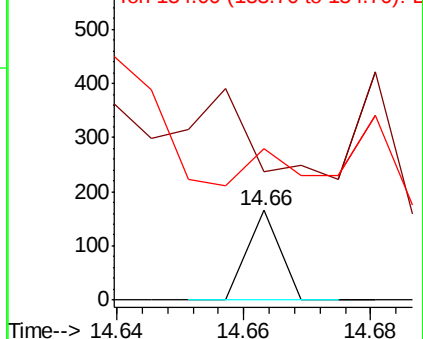


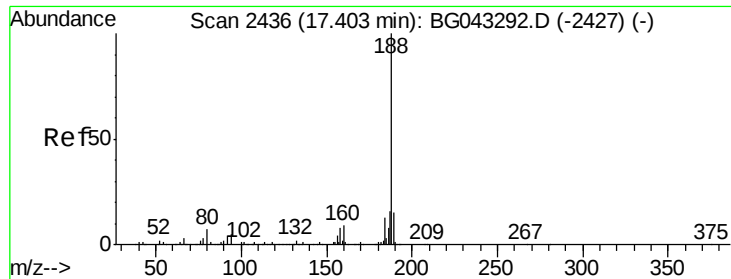
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

Instrument :

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SB-10-(4-6)

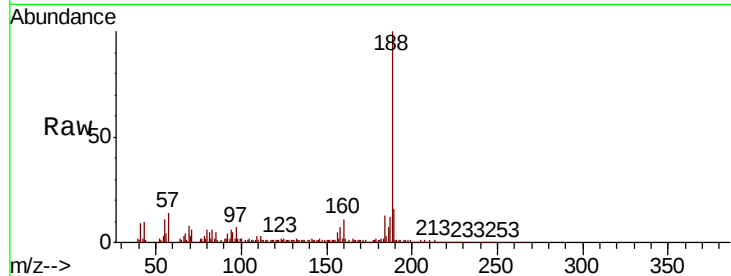
Tot Ion:188 Resp: 191511

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

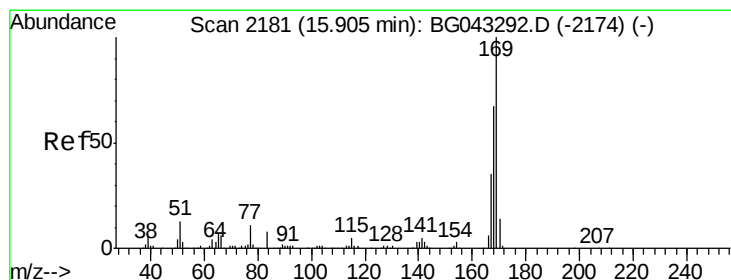
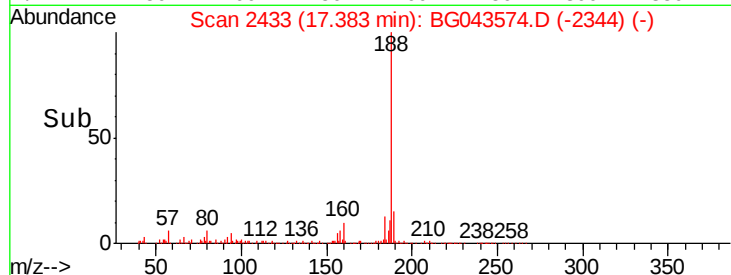
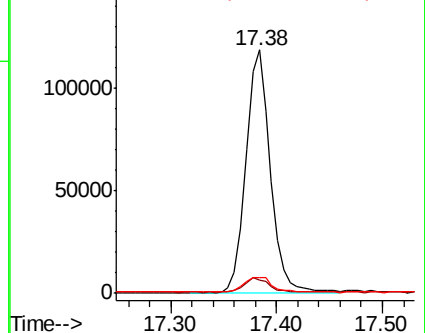
80 6.3 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

n-Nitrosodiphenylamine

Concen: 2.771 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043574.D

Acq: 8 Nov 2019 18:02

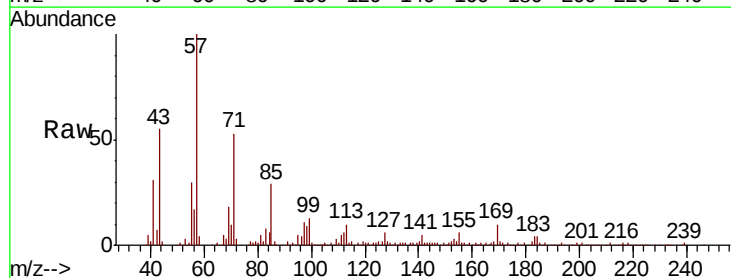
Tgt Ion:169 Resp: 14982

Ion Ratio Lower Upper

169 100

168 17.1 53.8 80.6#

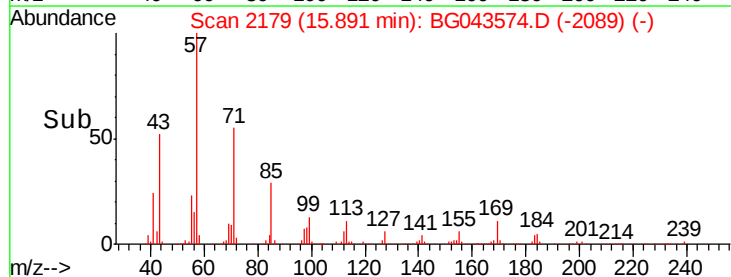
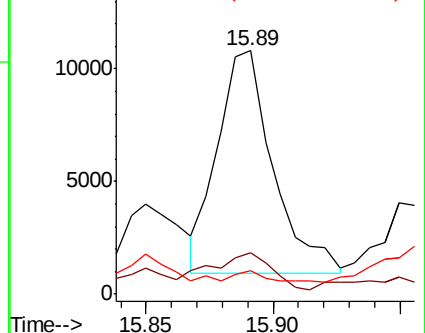
167 9.4 27.5 41.3#

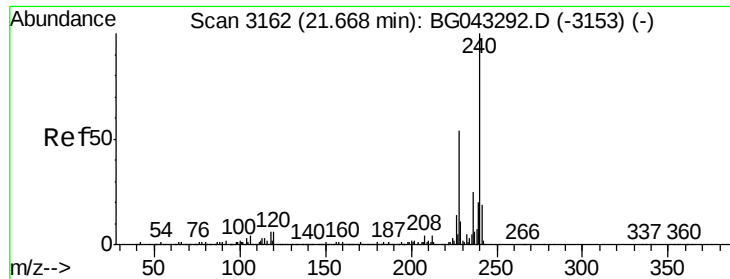


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

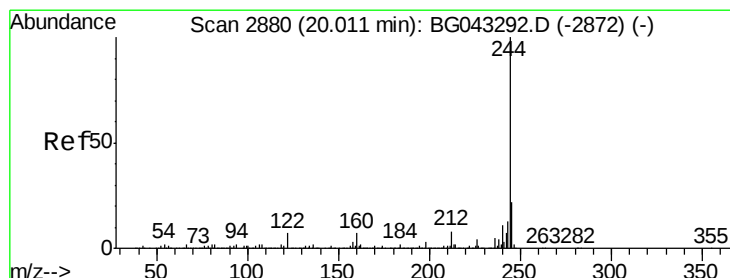
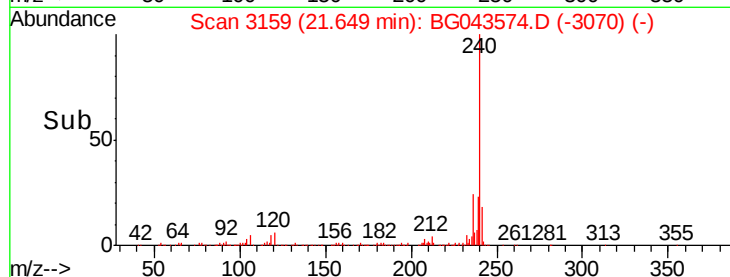
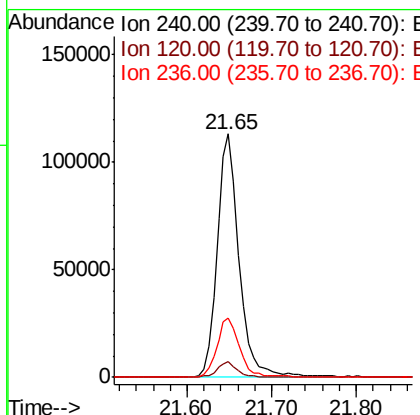
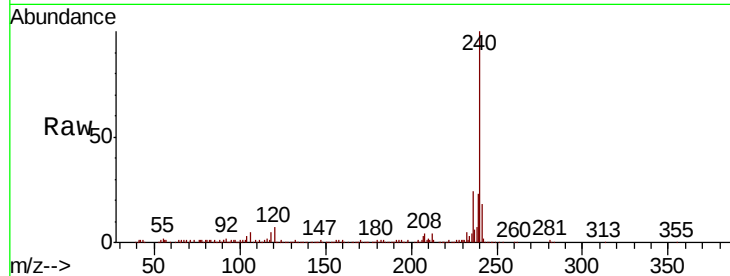




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

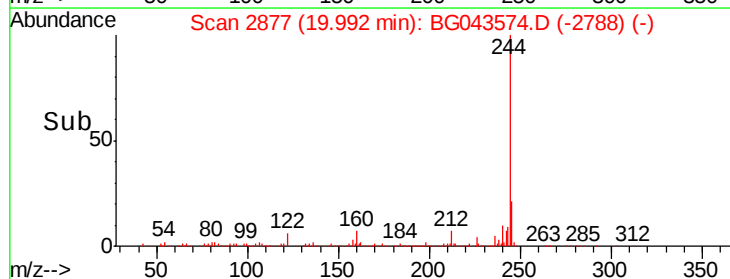
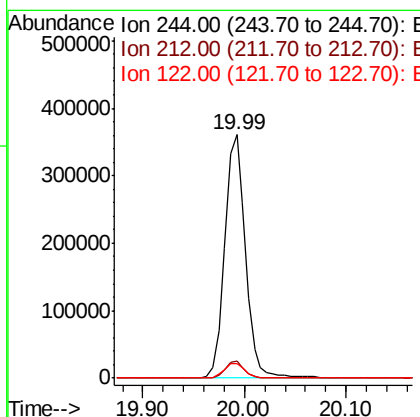
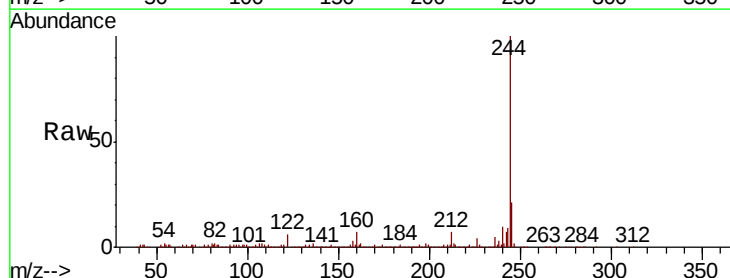
Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

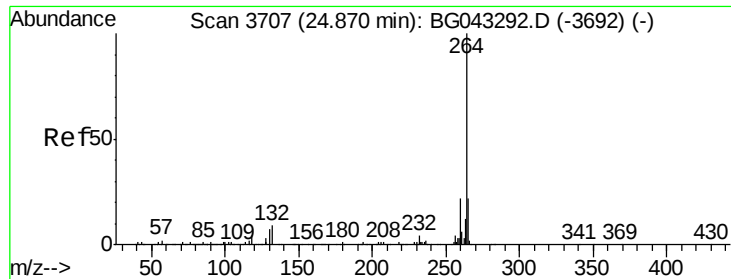
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	6.8
236	24.3	19.8	29.8



#79
Terphenyl-d14
Concen: 46.881 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.0	5.4	8.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043574.D
Acq: 8 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
SB-10-(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	19.7	17.4	26.0

