

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043578.D
 Acq On : 8 Nov 2019 20:37
 Operator : JU
 Sample : K5742-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-(14-15)

Quant Time: Nov 11 10:10:30 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

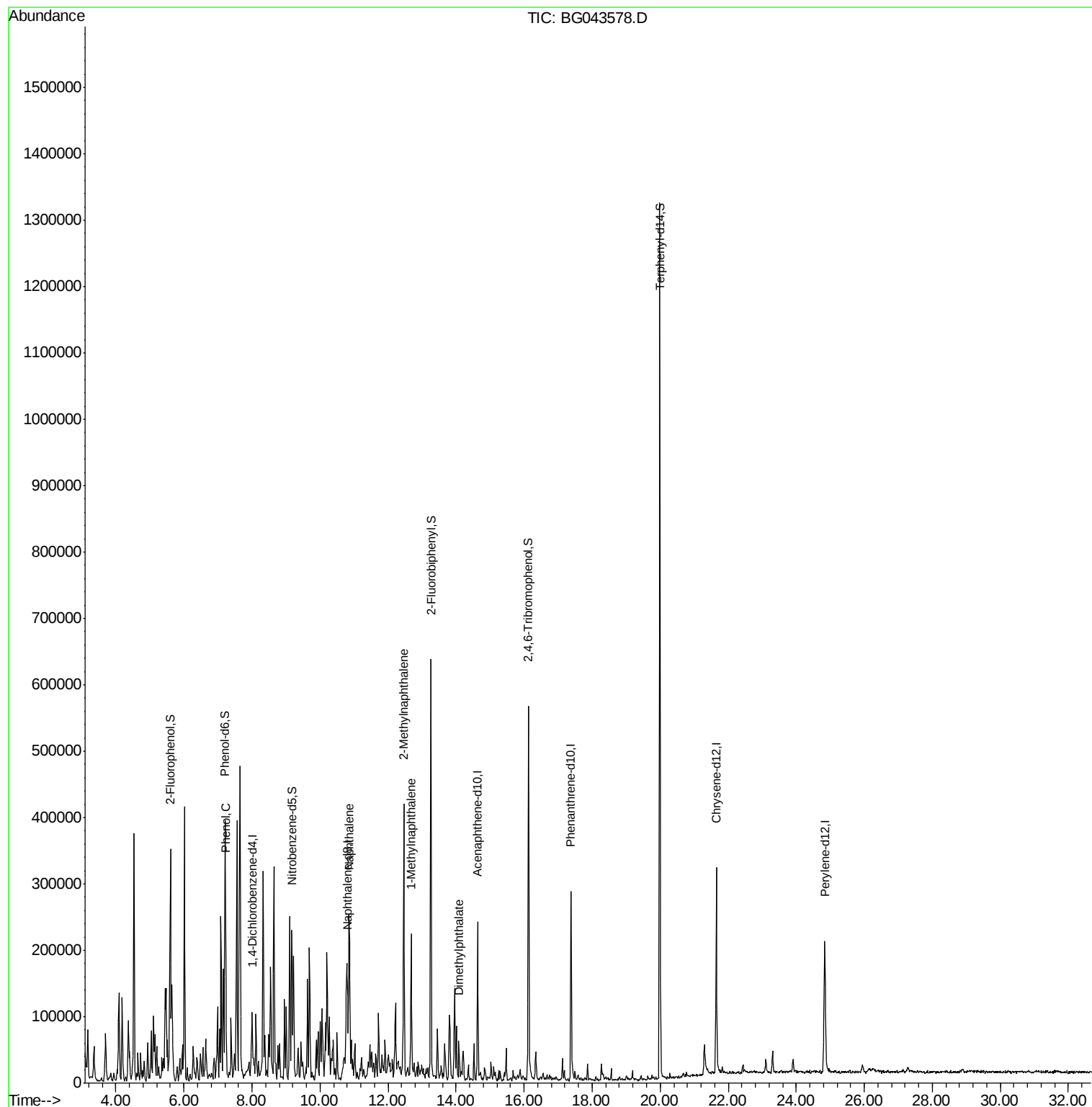
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31735	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	118090	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	85696	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	206459	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	208828	20.00	ng	0.00
87) Perylene-d12	24.84	264	239987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	155913	90.03	ng	0.01
7) Phenol-d6	7.21	99	221710	88.98	ng	0.01
23) Nitrobenzene-d5	9.17	82	137690	60.11	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	139090	85.29	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	362873	58.51	ng	0.00
79) Terphenyl-d14	19.99	244	715879	64.31	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8085	3.551	ng	Qvalue # 38
31) Naphthalene	10.86	128	149411	24.926	ng	98
37) 2-Methylnaphthalene	12.47	142	212540	46.212	ng	99
38) 1-Methylnaphthalene	12.68	142	103252	23.595	ng	99
50) Dimethylphthalate	14.09	163	40042	6.032	ng	# 95

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

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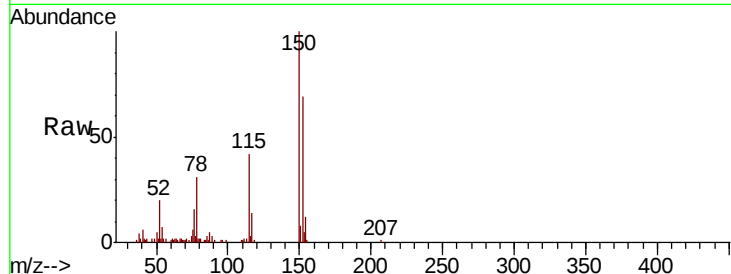


#1

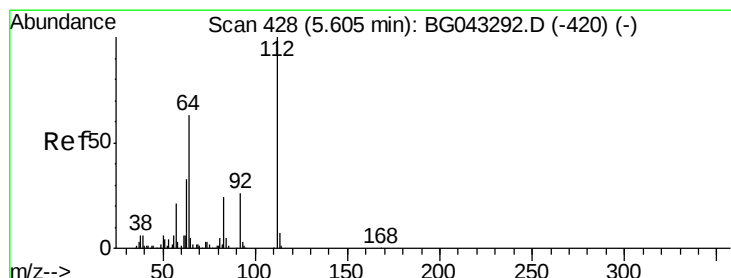
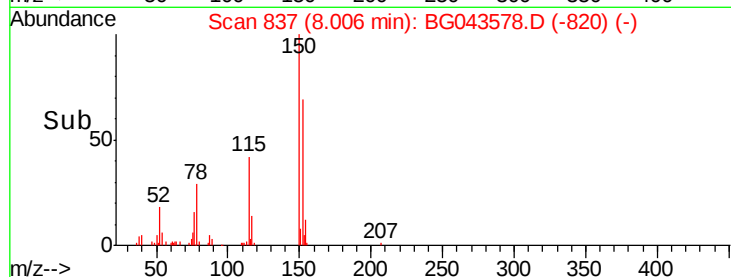
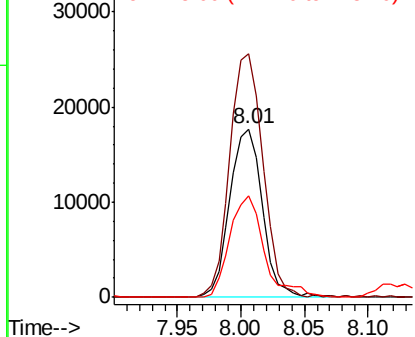
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tot Ion:152 Resp: 31735
Ion Ratio Lower Upper
152 100
150 144.3 129.4 194.0
115 60.3 48.8 73.2



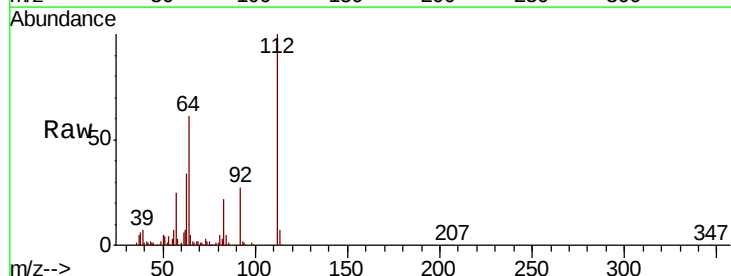
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



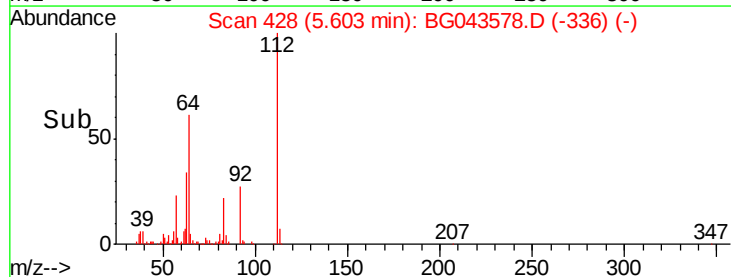
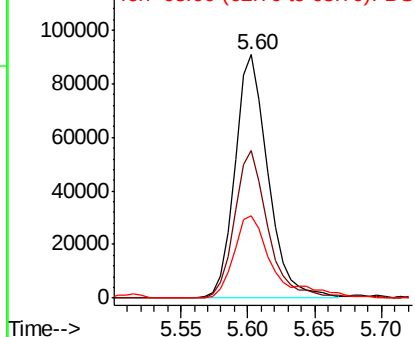
#5

2-Fluorophenol
Concen: 90.028 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:112 Resp: 155913
Ion Ratio Lower Upper
112 100
64 60.7 50.0 75.0
63 33.6 26.6 40.0



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





#7

Phenol-d6

Concen: 88.979 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043578.D

Acq: 8 Nov 2019 20:37

Instrument :

BNA_G

ClientSampleId :

SB-22-(14-15)

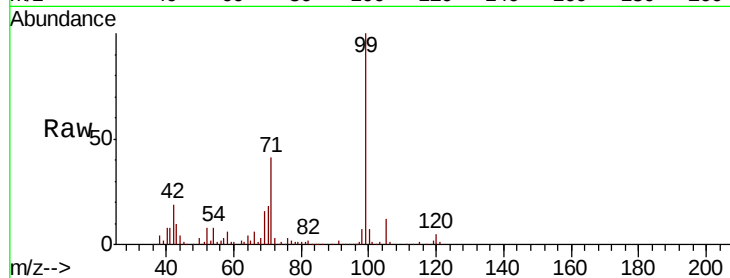
Tot Ion: 99 Resp: 221710

Ion Ratio Lower Upper

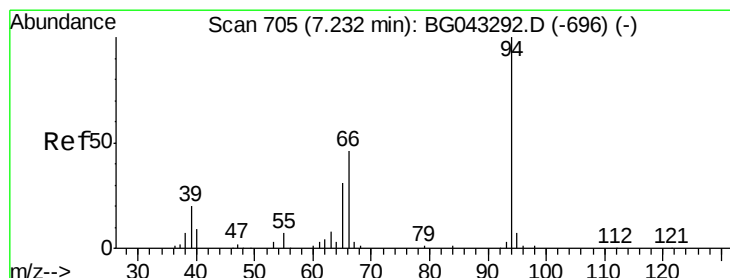
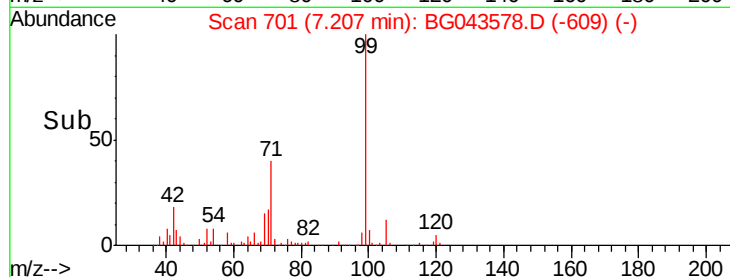
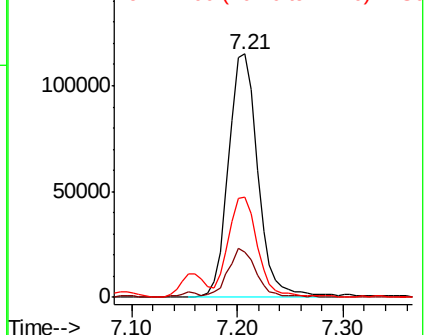
99 100

42 18.6 14.6 21.8

71 41.1 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: 3.551 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043578.D

Acq: 8 Nov 2019 20:37

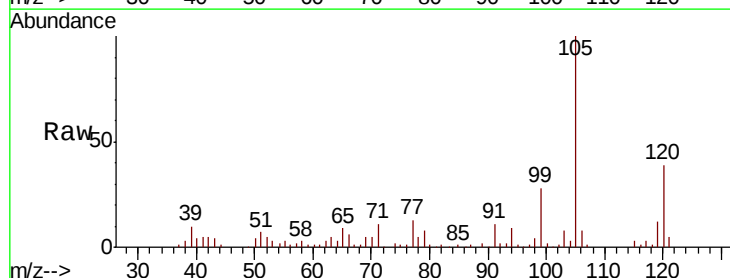
Tgt Ion: 94 Resp: 8085

Ion Ratio Lower Upper

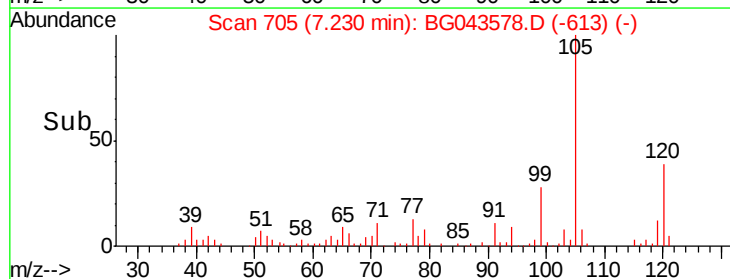
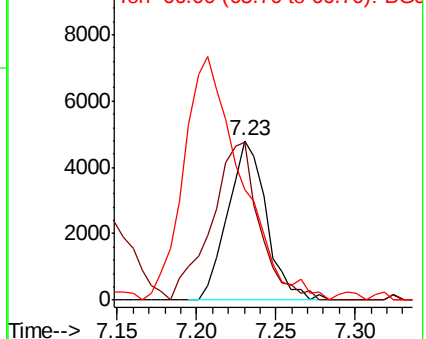
94 100

65 99.0 12.6 52.6#

66 69.2 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: BG043578.D

Acq: 8 Nov 2019 20:37

Instrument :

BNA_G

ClientSampleId :

SB-22-(14-15)

Tot Ion:136 Resp: 118090

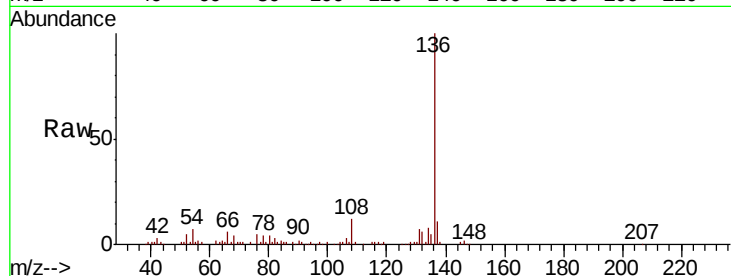
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.8 5.4 8.2

68 3.9 3.0 4.4

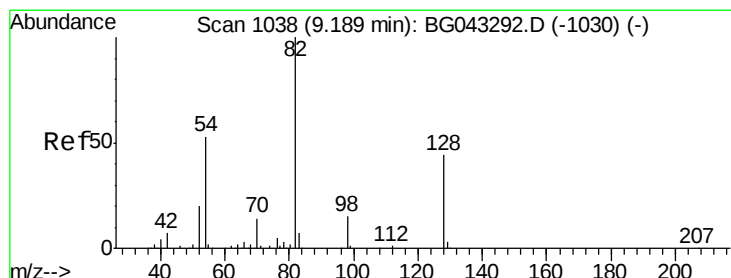
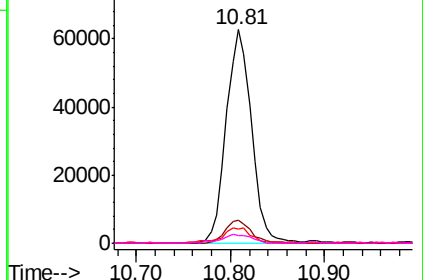
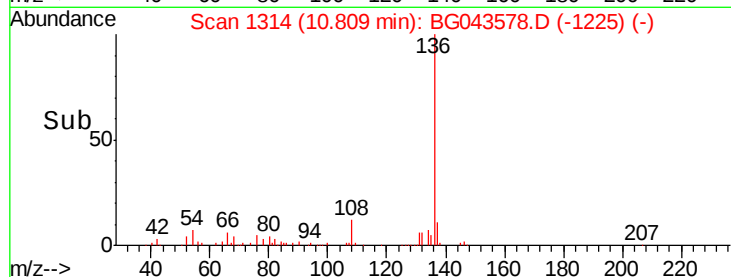


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.111 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG043578.D

Acq: 8 Nov 2019 20:37

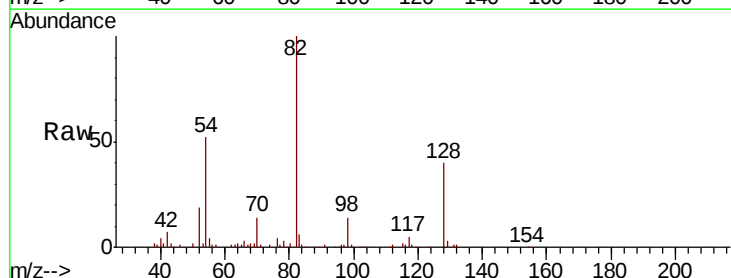
Tgt Ion: 82 Resp: 137690

Ion Ratio Lower Upper

82 100

128 39.6 35.0 52.6

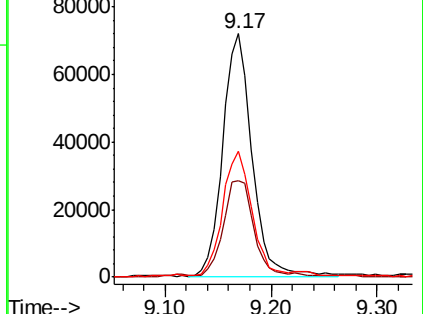
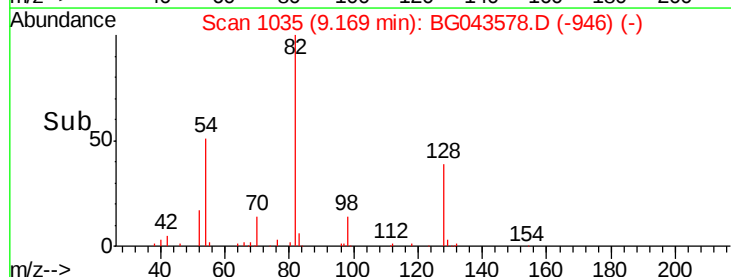
54 51.6 40.2 60.2

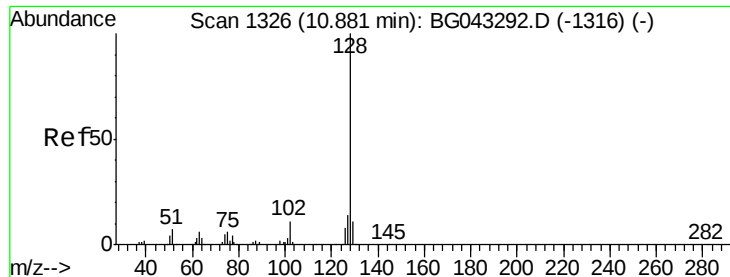


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

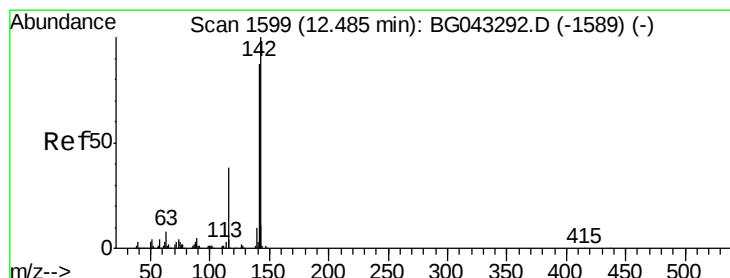
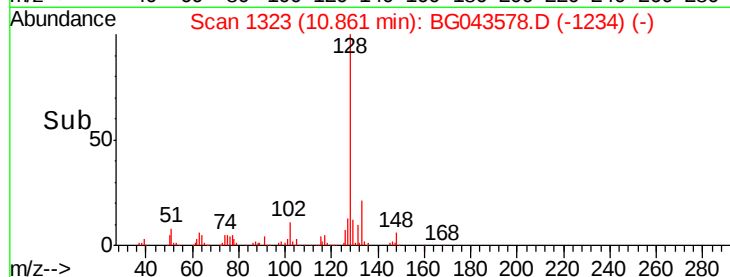
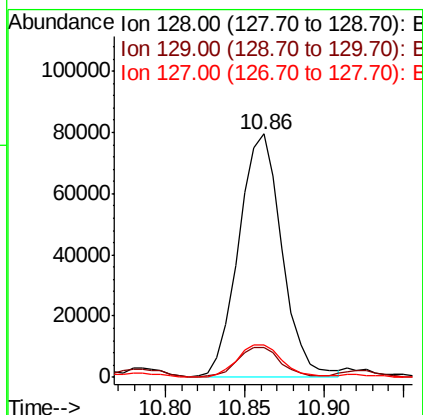
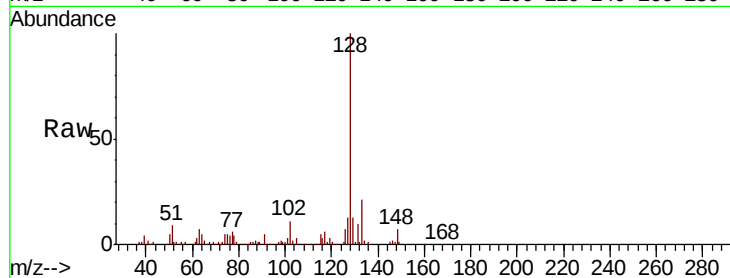




#31
Naphthalene
Concen: 24.926 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

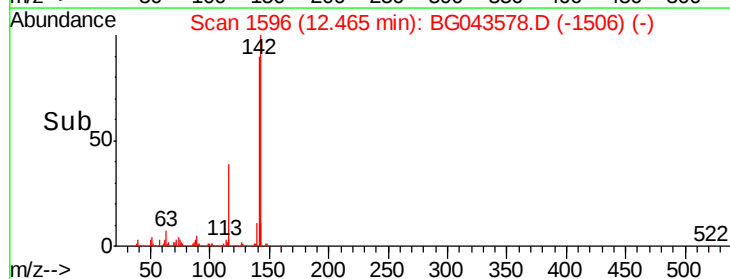
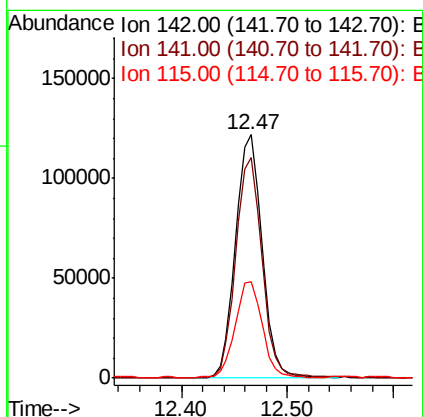
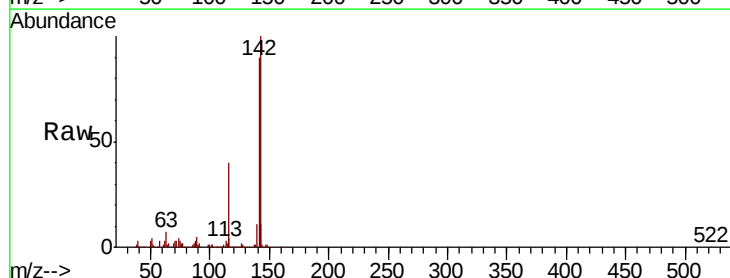
Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

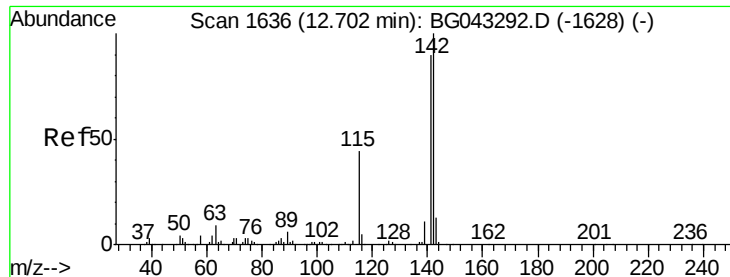
Tot Ion:128 Resp: 149411
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.4 11.1 16.7



#37
2-Methylnaphthalene
Concen: 46.212 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:142 Resp: 212540
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2
115 39.8 33.2 49.8

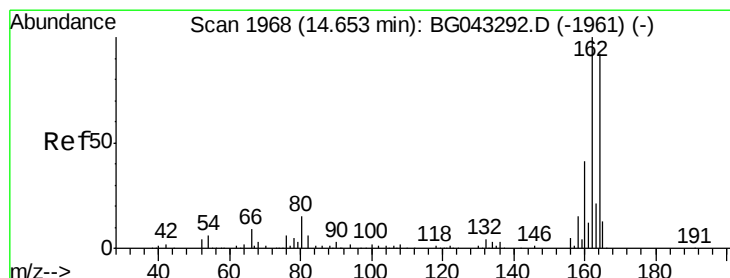
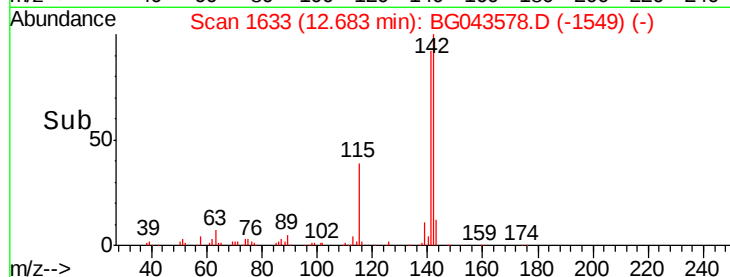
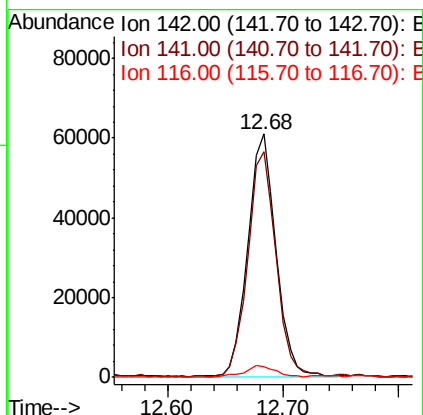
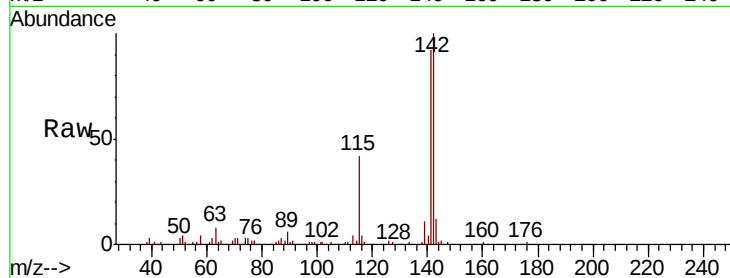




#38
1-Methylnaphthalene
Concen: 23.595 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

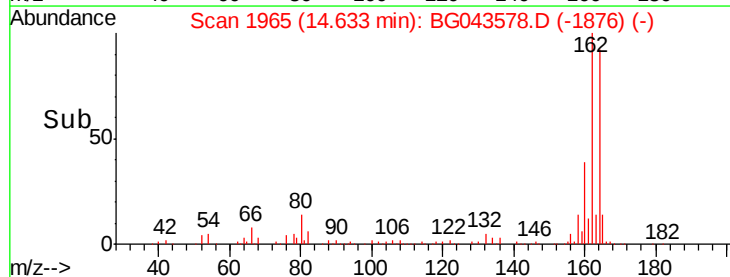
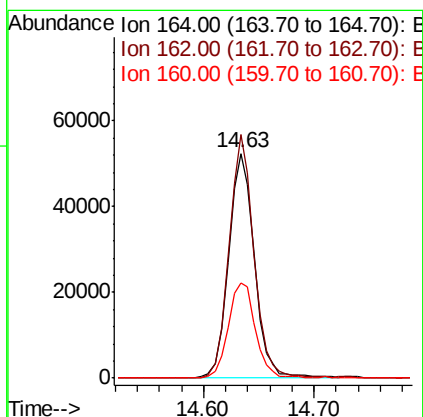
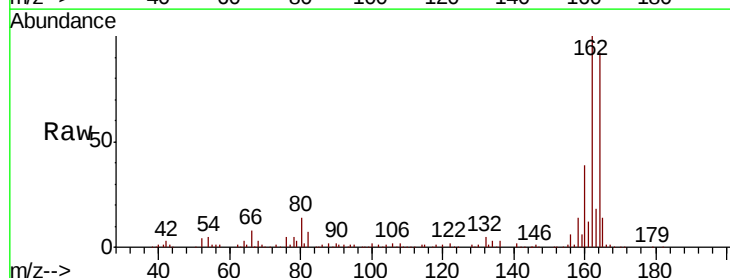
Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

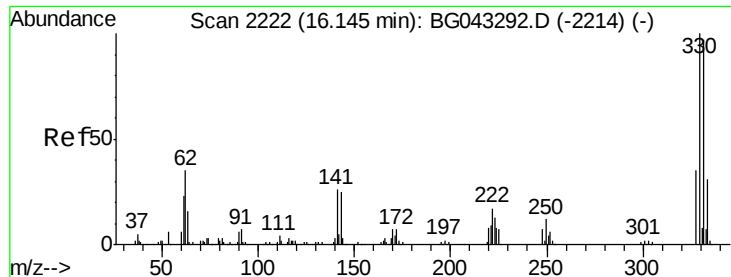
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
116	4.2	3.6	5.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.5	125.3
160	42.6	36.5	54.7

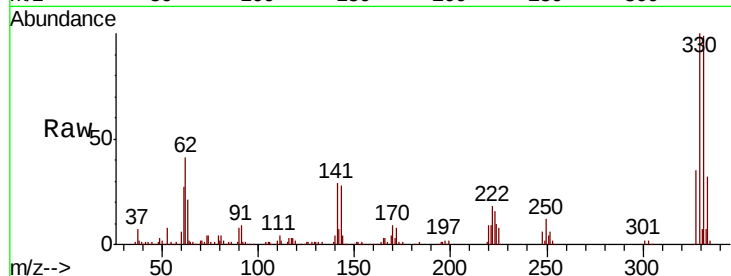




#42
 2,4,6-Tribromophenol
 Concen: 85.290 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043578.D
 Acq: 8 Nov 2019 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-(14-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	28.7	22.8	34.2

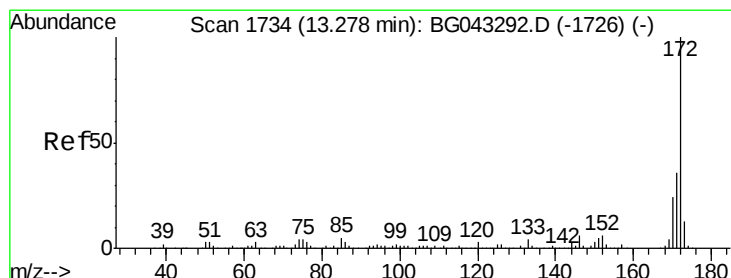
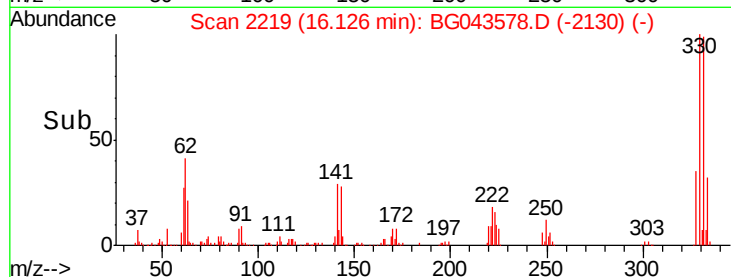
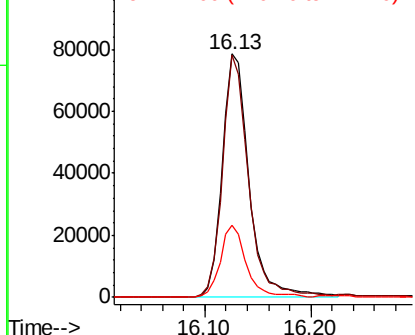


Abundance

Ion 329.80 (329.50 to 330.50): E

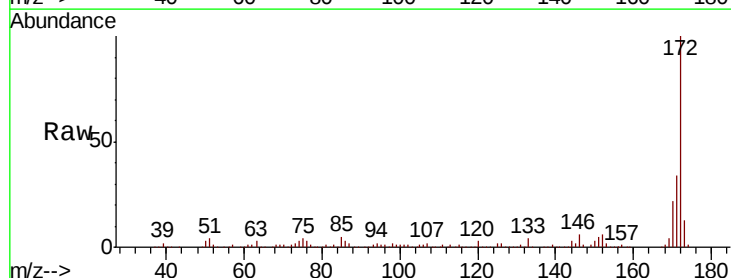
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.511 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043578.D
 Acq: 8 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	21.7	18.5	27.7

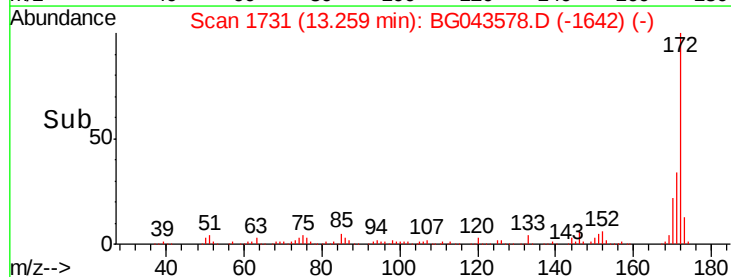
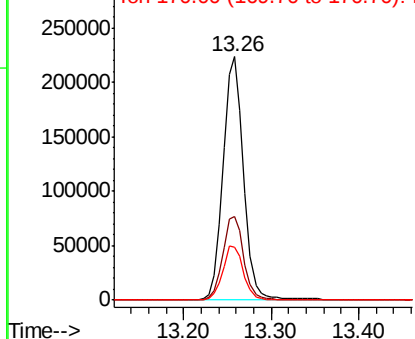


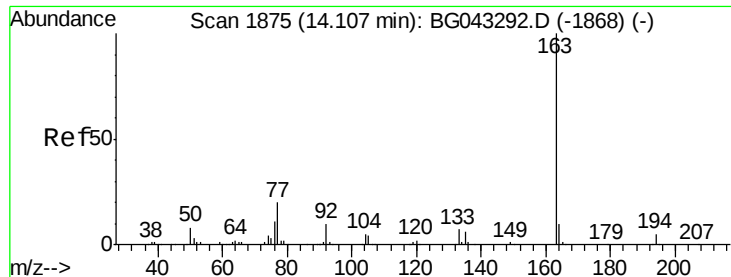
Abundance

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

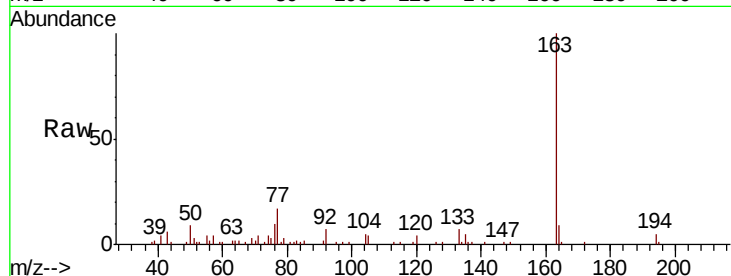




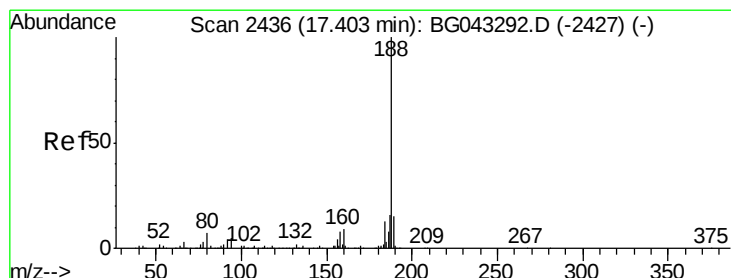
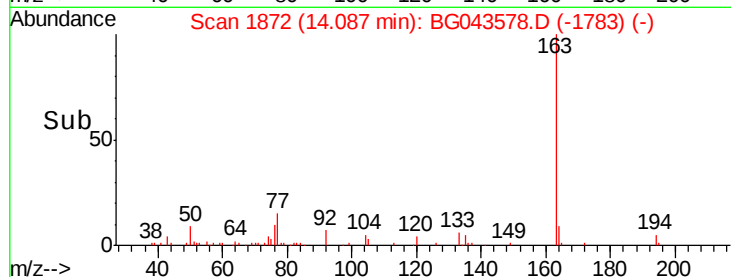
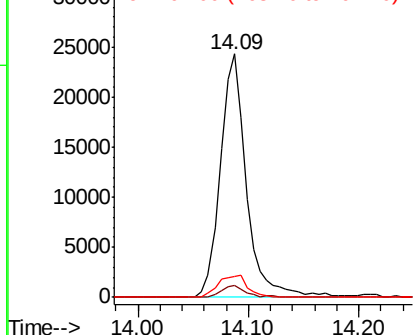
#50
Dimethylphthalate
Concen: 6.032 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tot Ion:163 Resp: 40042
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 8.7 8.9 13.3#

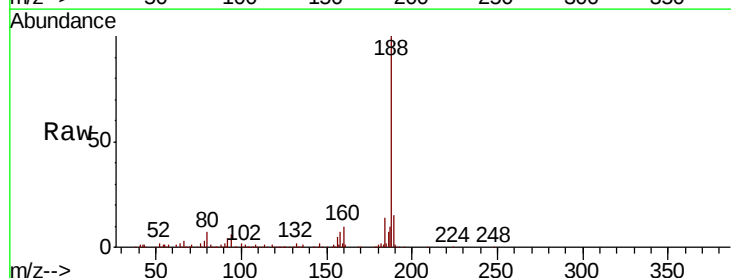


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

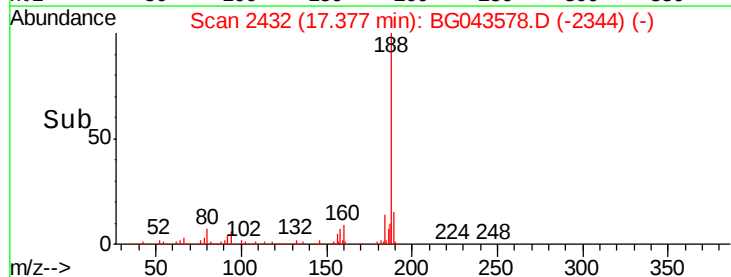
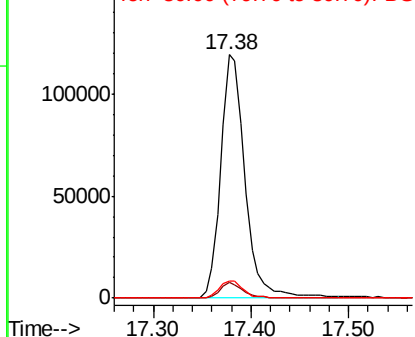


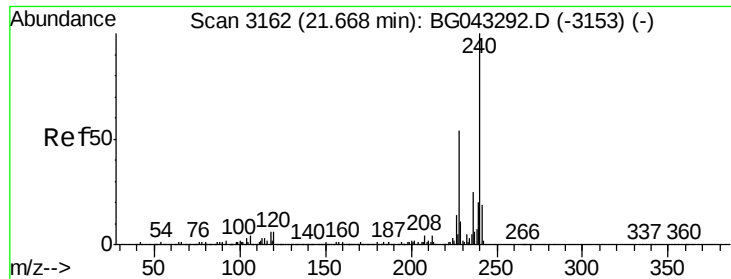
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:188 Resp: 206459
Ion Ratio Lower Upper
188 100
94 6.3 4.2 6.4
80 6.8 4.5 6.7#



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

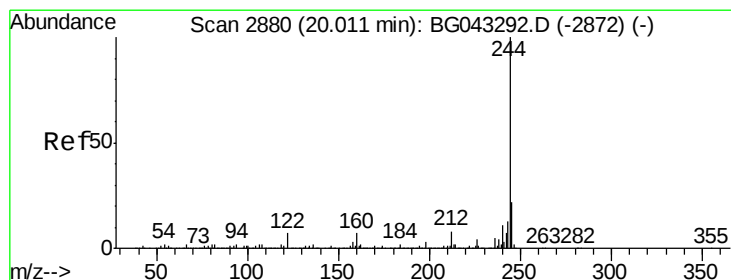
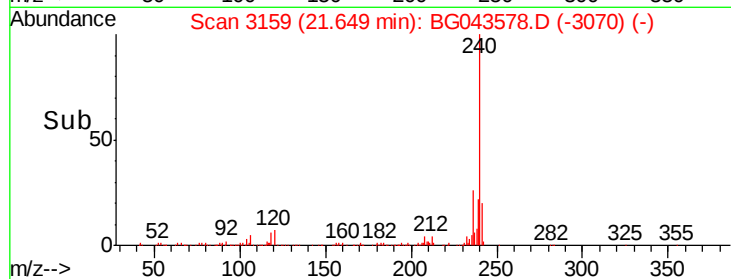
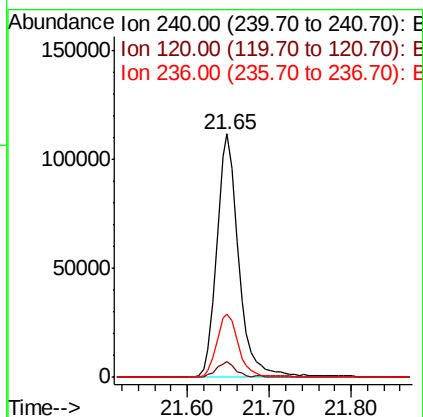
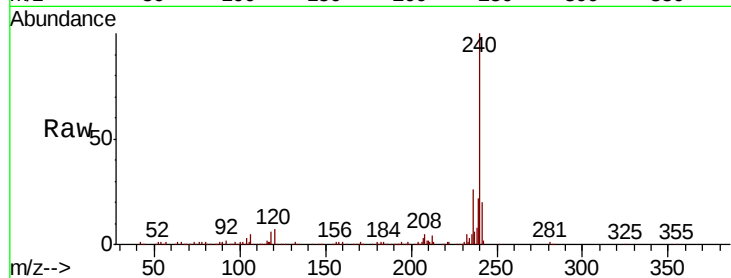




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG043578.D
 Acq: 8 Nov 2019 20:37

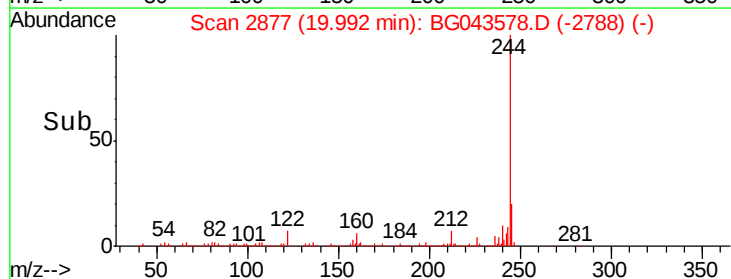
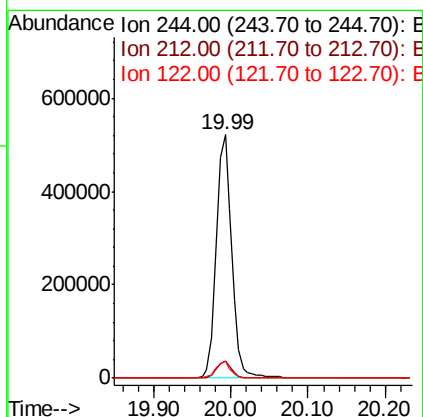
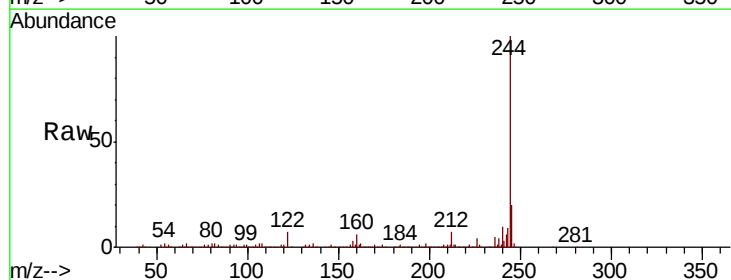
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-(14-15)

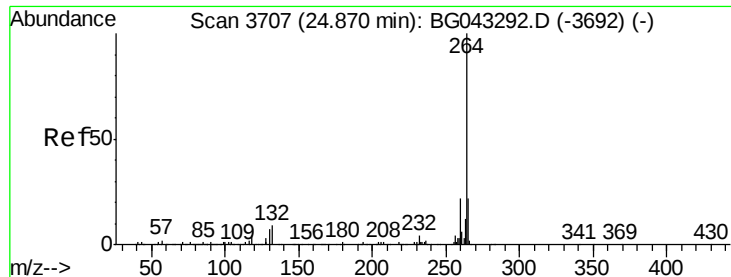
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	6.8
236	25.8	19.8	29.8



#79
 Terphenyl-d14
 Concen: 64.313 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043578.D
 Acq: 8 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.8	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: BG043578.D
 Acq: 8 Nov 2019 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-(14-15)

Tot Ion:	264	Resp:	239987
Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	21.4	17.4	26.0

