

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043267.D
 Acq On : 17 Oct 2019 18:22
 Operator : JU
 Sample : K5355-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-32

Quant Time: Oct 18 02:03:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

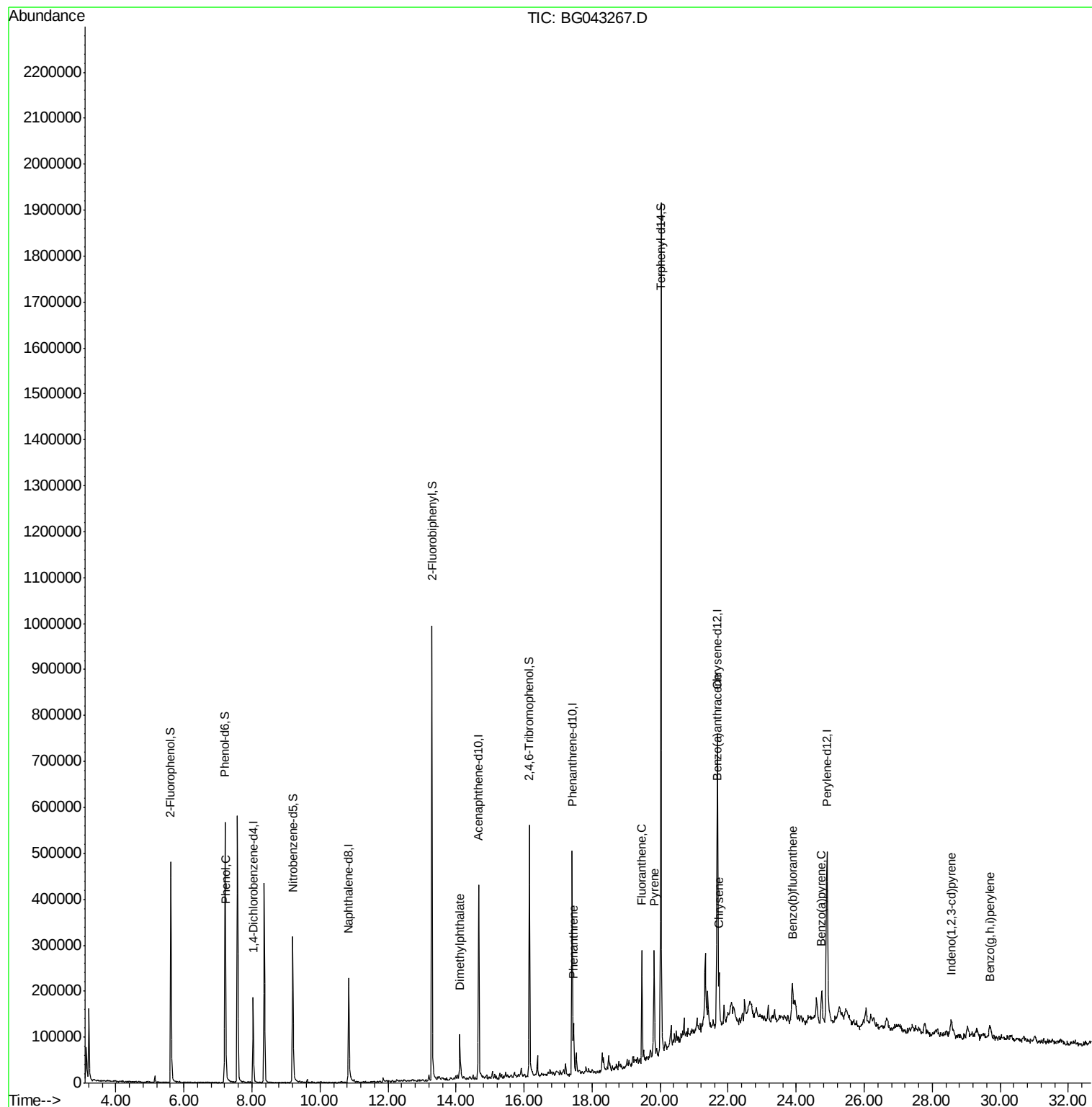
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57804	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	221958	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	158332	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	344959	20.00	ng	0.00
76) Chrysene-d12	21.68	240	370333	20.00	ng	0.00
87) Perylene-d12	24.90	264	440703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	218727	67.53	ng	-0.02
7) Phenol-d6	7.21	99	362847	77.79	ng	-0.02
23) Nitrobenzene-d5	9.20	82	220771	48.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	138697	50.94	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	565664	51.79	ng	-0.02
79) Terphenyl-d14	20.02	244	957664	55.10	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14406	3.366	ng	Qvalue 83
50) Dimethylphthalate	14.11	163	70588	5.950	ng	98
71) Phenanthrene	17.45	178	64548	3.833	ng	96
75) Fluoranthene	19.46	202	170714	7.664	ng	97
78) Pyrene	19.82	202	162685	7.360	ng	98
81) Benzo(a)anthracene	21.67	228	93365	4.046	ng	97
83) Chrysene	21.73	228	83787	3.742	ng	97
86) Indeno(1,2,3-cd)pyrene	28.56	276	64222	2.304	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	123333	4.946	ng	# 88
90) Benzo(a)pyrene	24.75	252	86902	3.694	ng	# 91
92) Benzo(g,h,i)perylene	29.70	276	62021	2.653	ng	98

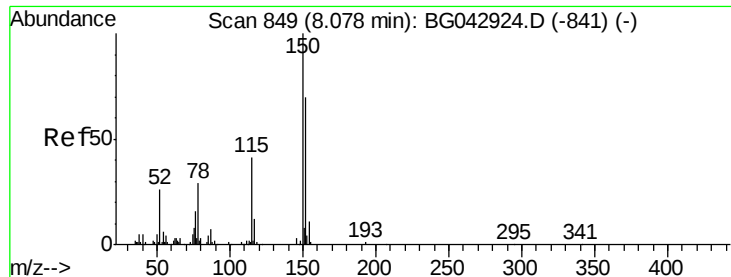
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-32

Quant Time: Oct 18 02:03:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



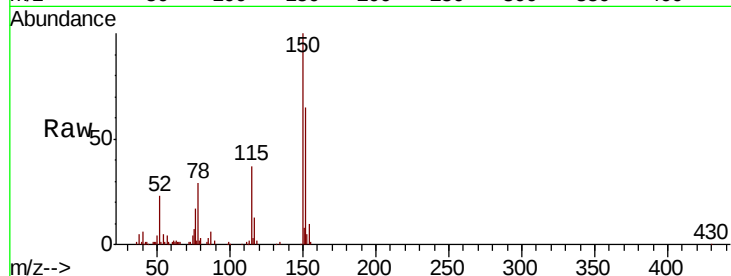


#1

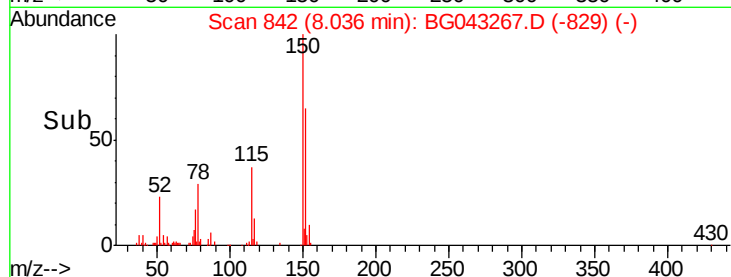
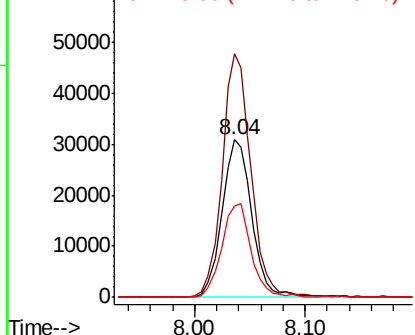
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tot Ion:152 Resp: 57804
Ion Ratio Lower Upper
152 100
150 154.3 115.0 172.4
115 57.7 47.0 70.6



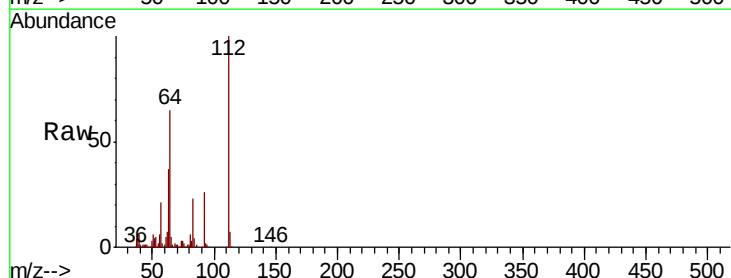
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



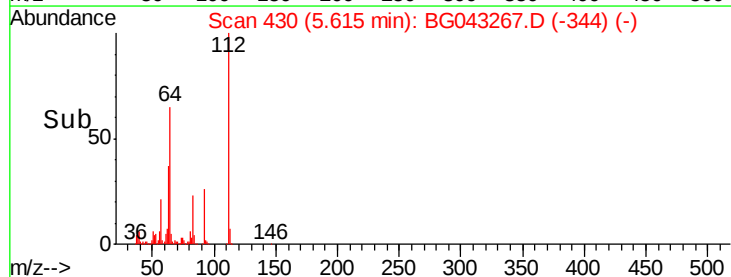
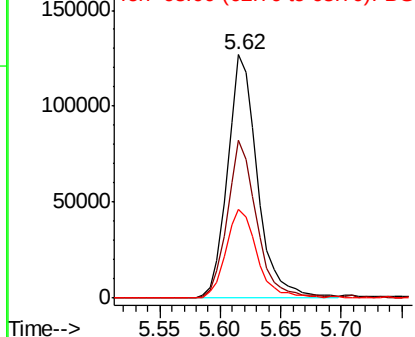
#5

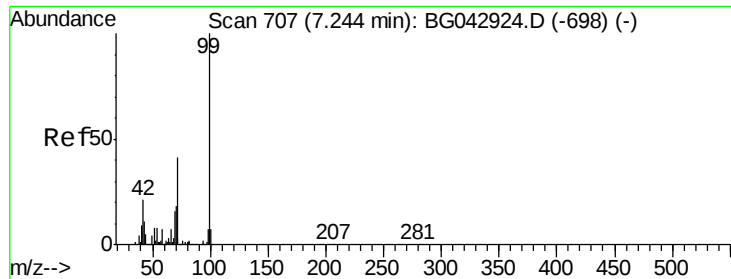
2-Fluorophenol
Concen: 67.529 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:112 Resp: 218727
Ion Ratio Lower Upper
112 100
64 65.0 56.6 84.8
63 36.6 35.1 52.7



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: 77.791 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

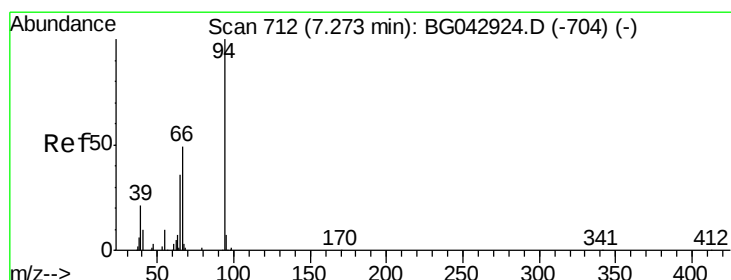
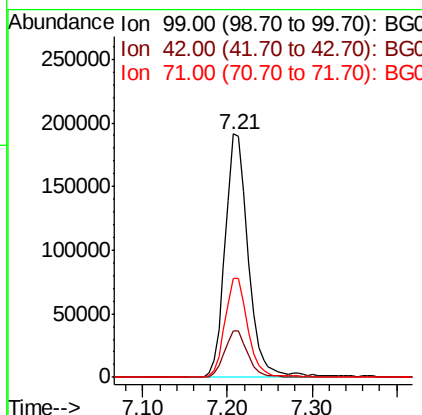
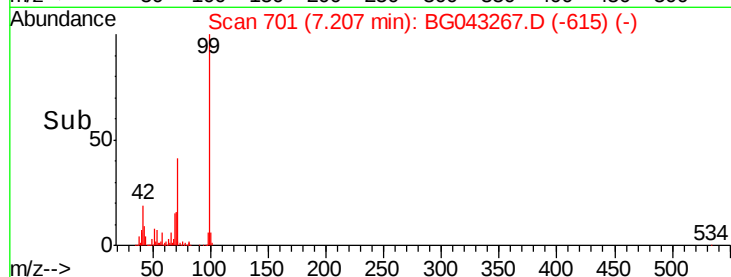
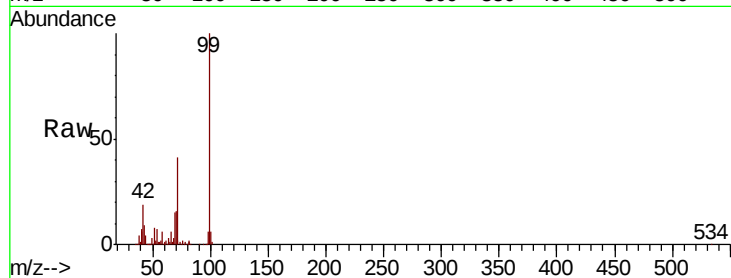
Tot Ion: 99 Resp: 362847

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	40.9	33.1	49.7

99 100

42 19.0 17.2 25.8

71 40.9 33.1 49.7



#10

Phenol

Concen: 3.366 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

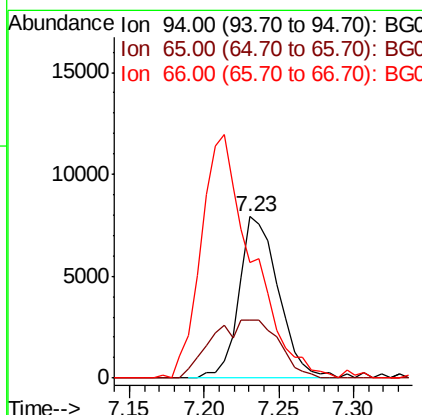
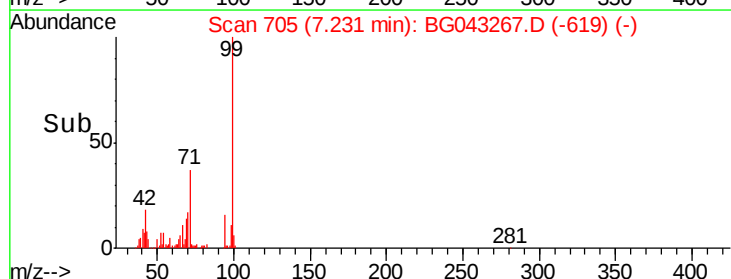
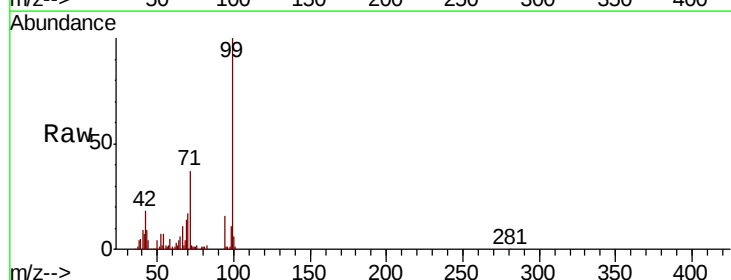
Tgt Ion: 94 Resp: 14406

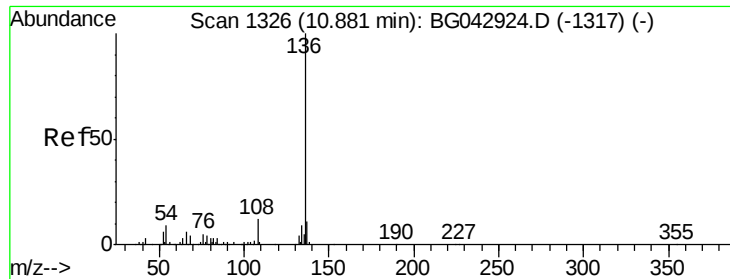
Ion	Ratio	Lower	Upper
94	100		
65	36.2	16.6	56.6
66	71.9	32.4	72.4

94 100

65 36.2 16.6 56.6

66 71.9 32.4 72.4

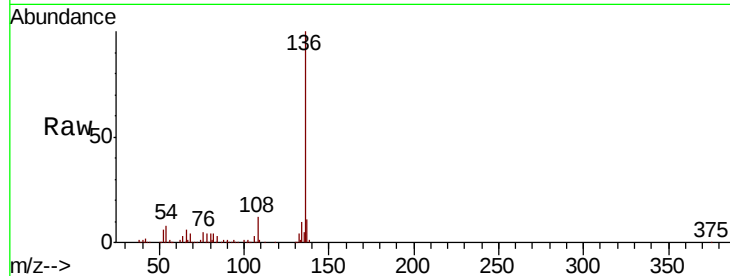




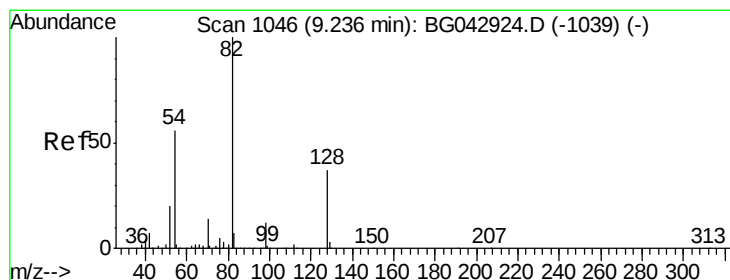
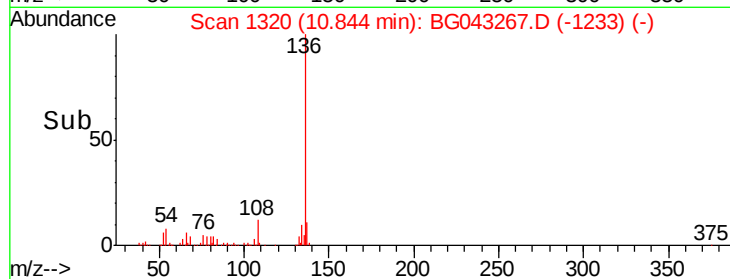
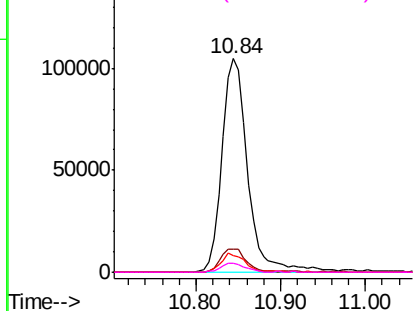
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tot Ion:136	Resp:	221958
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 7.9	7.4	11.2
68 4.4	3.6	5.4

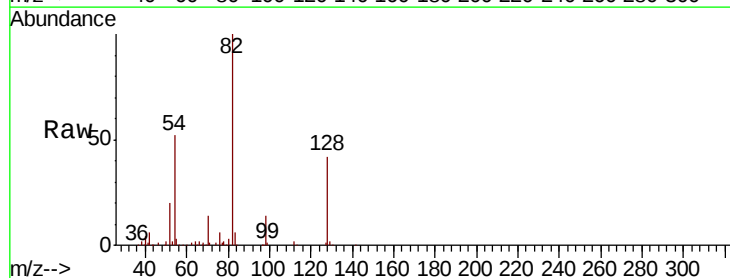


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

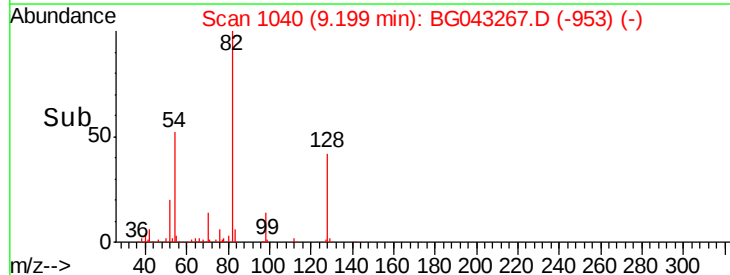
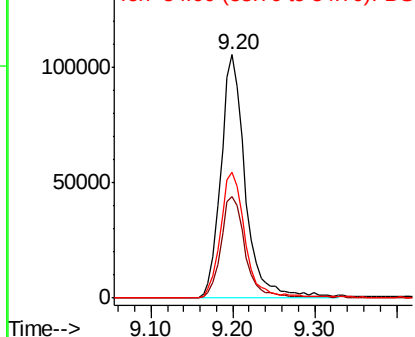


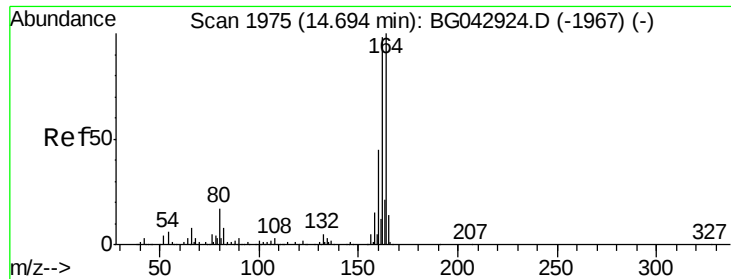
#23
Nitrobenzene-d5
Concen: 48.345 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion: 82	Resp: 220771
Ion Ratio	Lower Upper
82 100	
128 41.8	29.5 44.3
54 51.9	44.6 67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

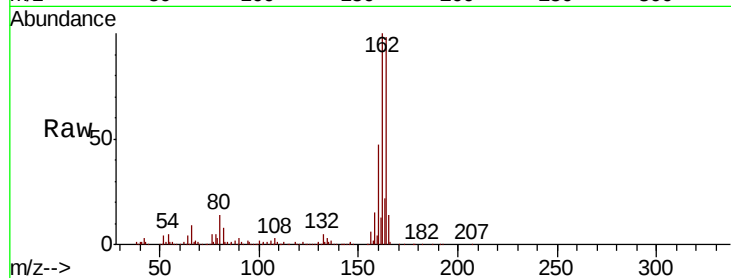
Tot Ion:164 Resp: 158332

Ion Ratio Lower Upper

164 100

162 102.0 78.5 117.7

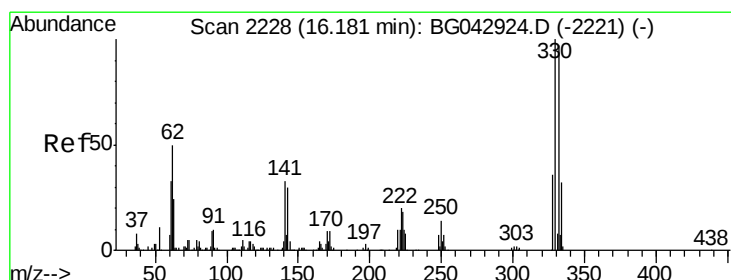
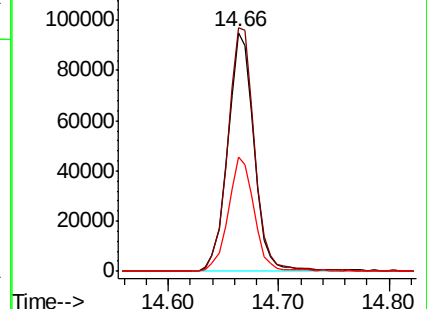
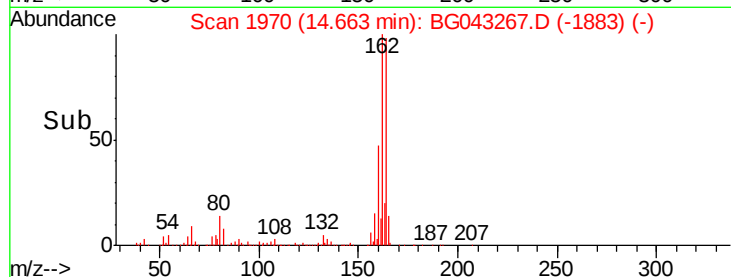
160 47.7 35.9 53.9



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: 50.943 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

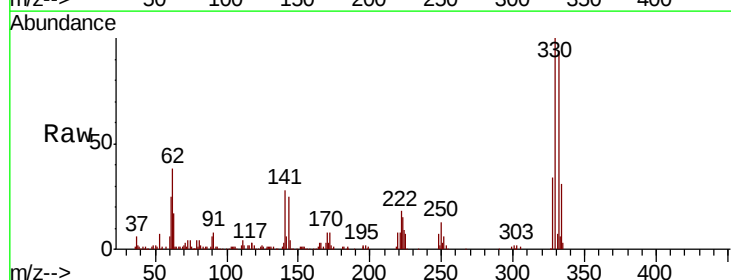
Tgt Ion:330 Resp: 138697

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.2

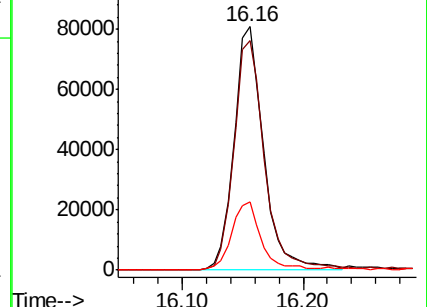
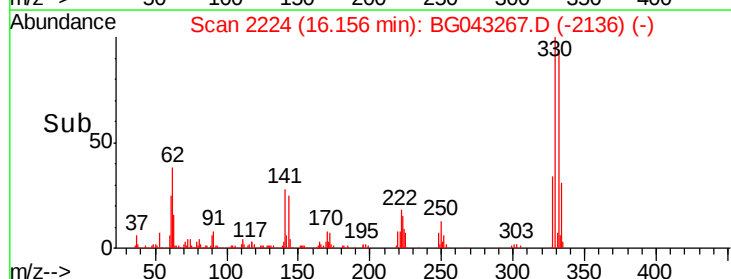
141 27.9 26.0 39.0

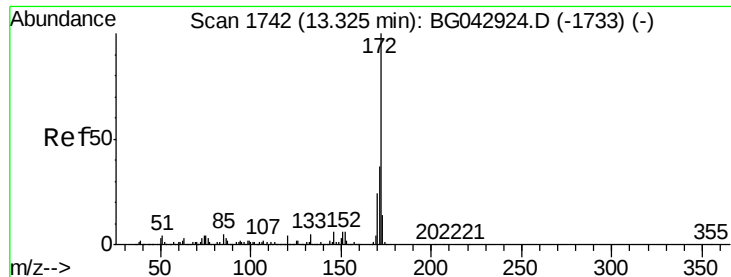


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

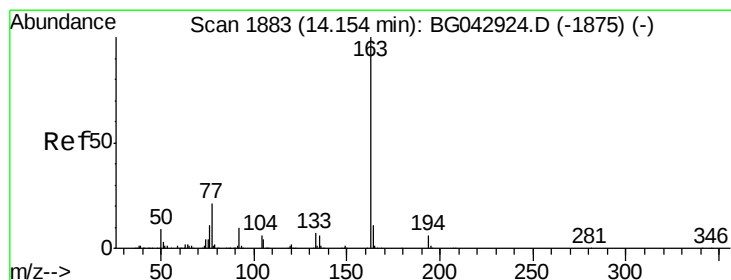
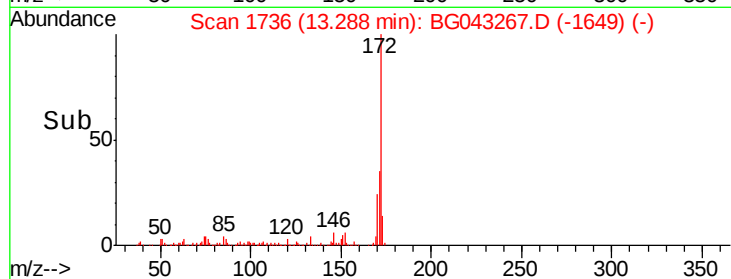
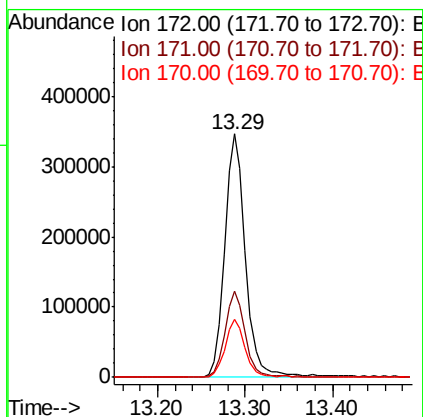
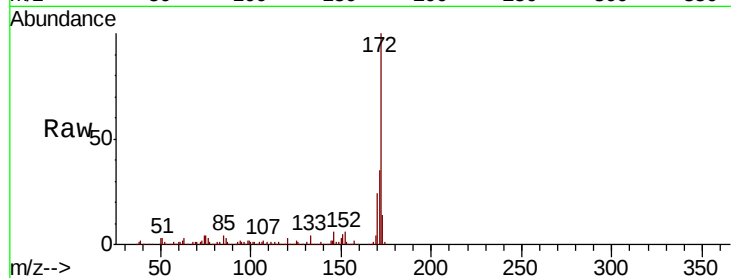




#45
2-Fluorobiphenyl
Concen: 51.793 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

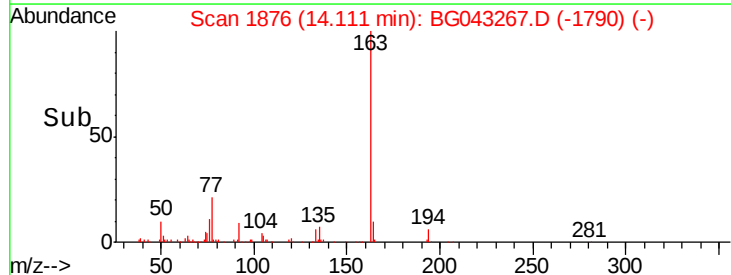
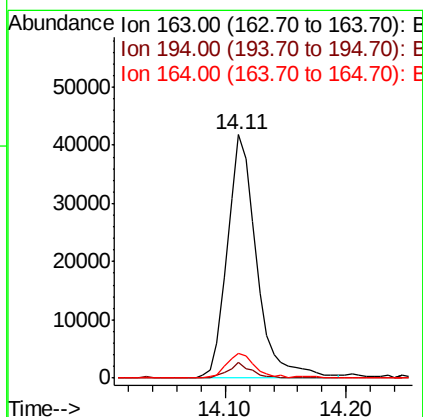
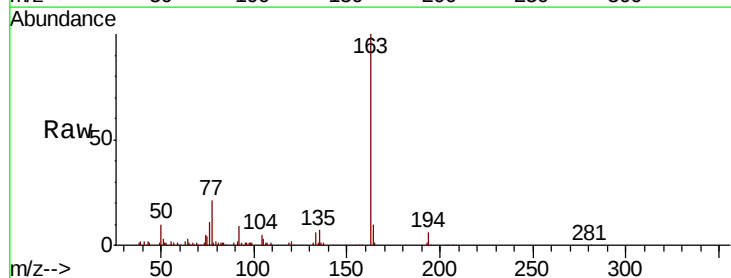
Instrument :
BNA_G
ClientSampleId :
COMP-32

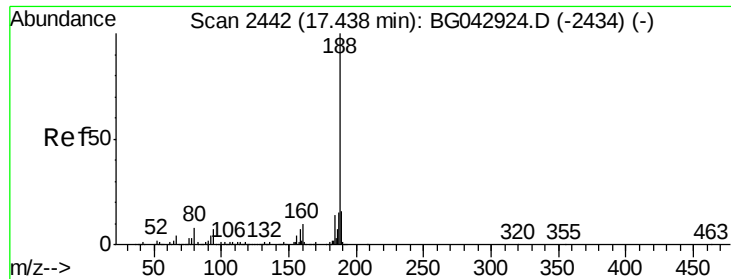
Tot Ion:172 Resp: 565664
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.9 19.6 29.4



#50
Dimethylphthalate
Concen: 5.950 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:163 Resp: 70588
Ion Ratio Lower Upper
163 100
194 6.3 4.4 6.6
164 10.0 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampled :

COMP-32

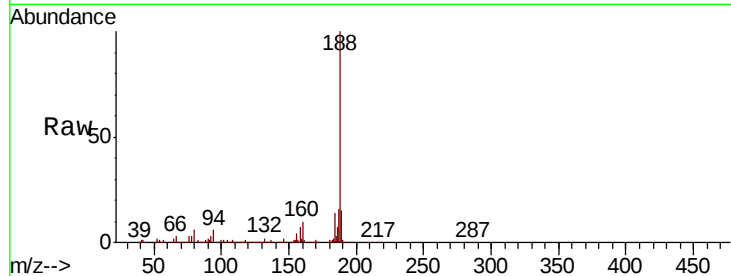
Tot Ion:188 Resp: 344959

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

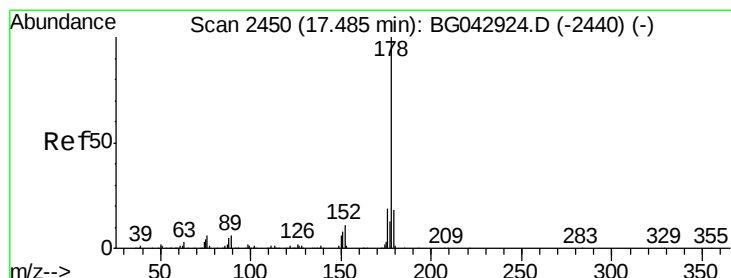
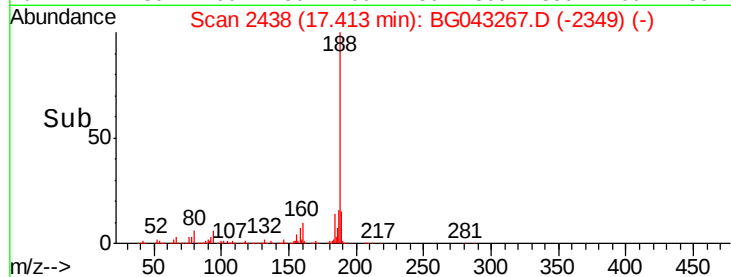
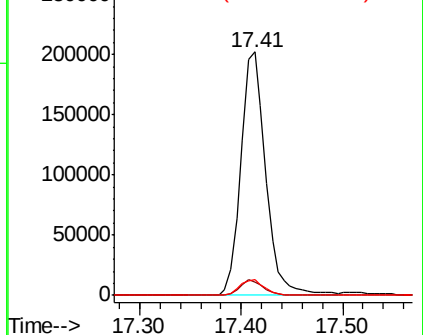
80 6.4 6.5 9.7#



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



#71

Phenanthrene

Concen: 3.833 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

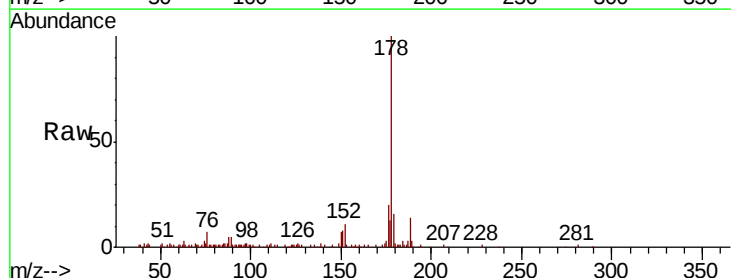
Tgt Ion:178 Resp: 64548

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

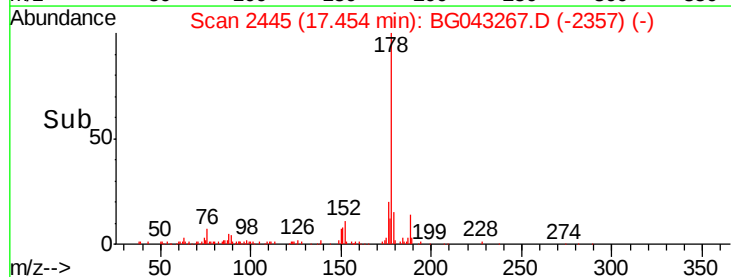
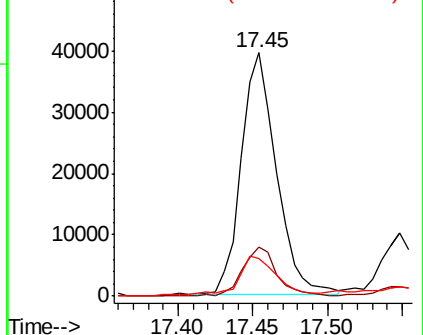
179 15.6 14.1 21.1

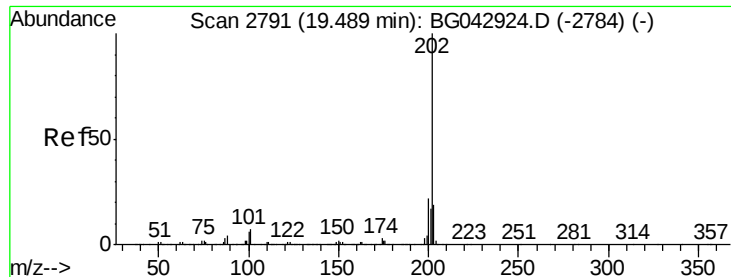


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.664 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

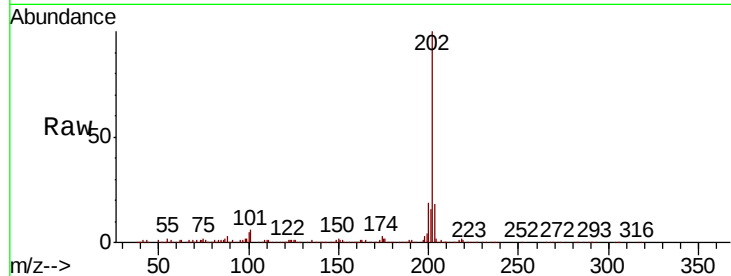
Tot Ion:202 Resp: 170714

Ion Ratio Lower Upper

202 100

101 5.6 0.0 27.3

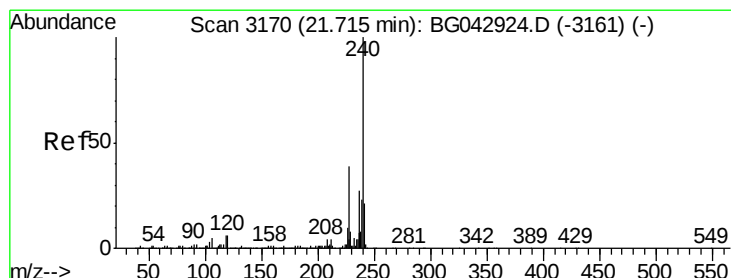
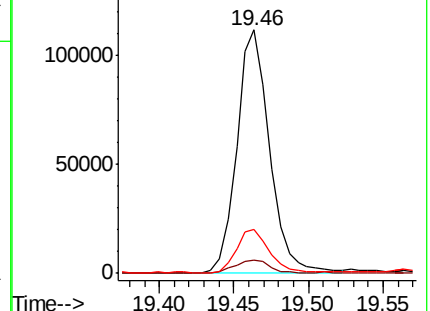
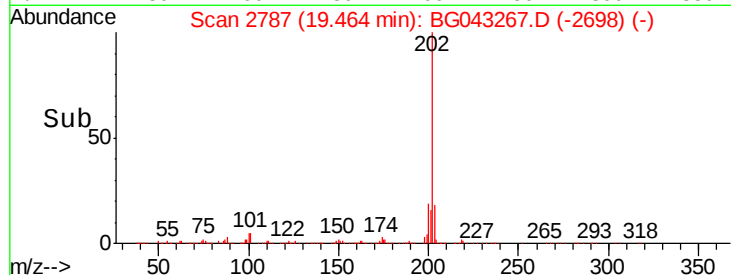
203 18.2 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

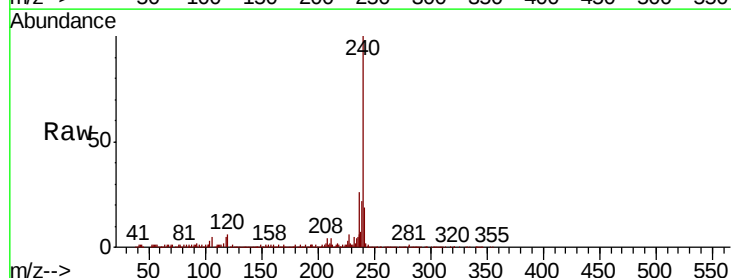
Tgt Ion:240 Resp: 370333

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

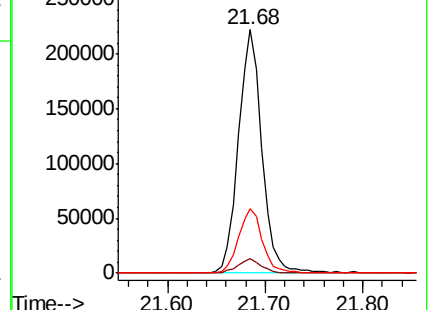
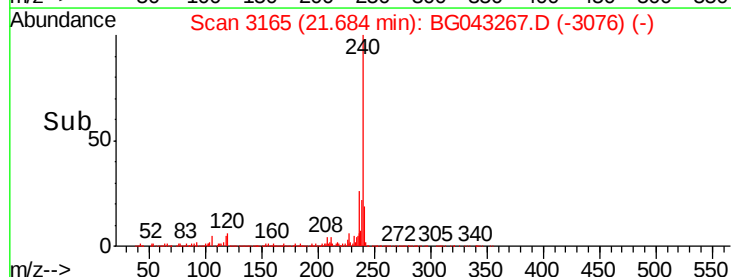
236 26.4 21.4 32.0

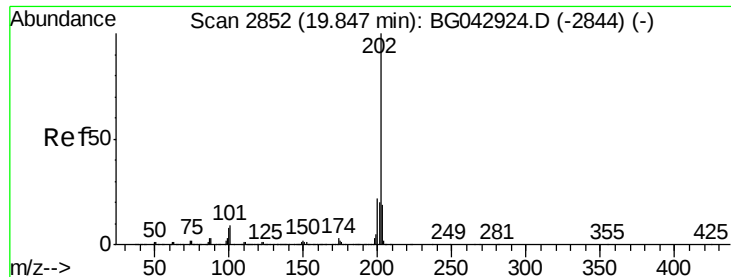


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 7.360 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

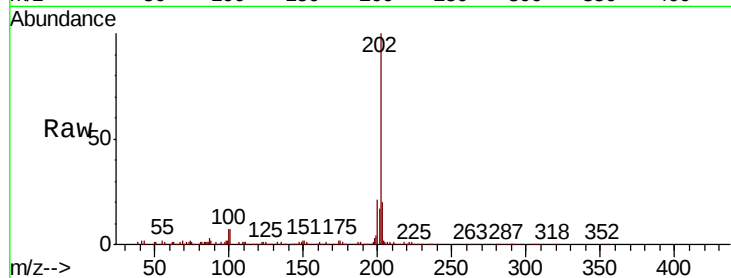
Tot Ion:202 Resp: 162685

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

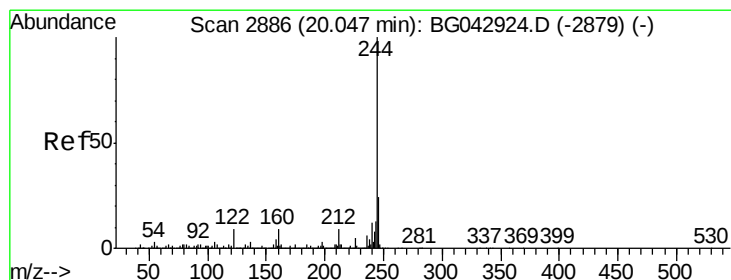
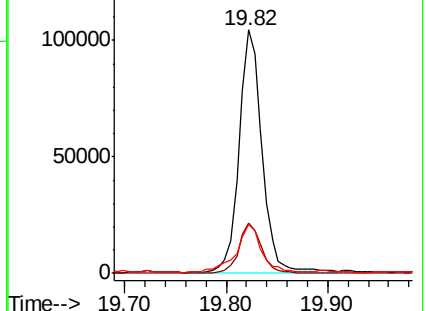
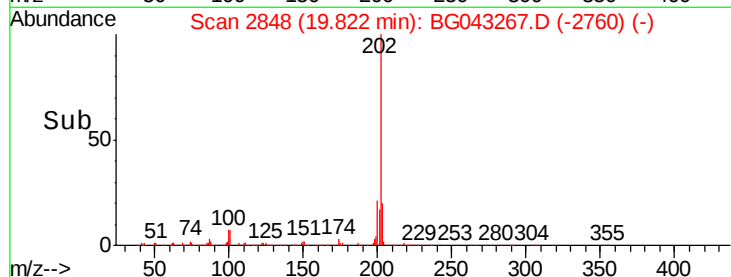
203 20.0 15.2 22.8



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: 55.104 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

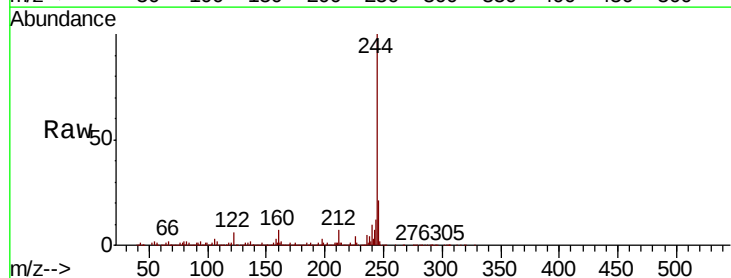
Tgt Ion:244 Resp: 957664

Ion Ratio Lower Upper

244 100

212 6.9 7.4 11.0#

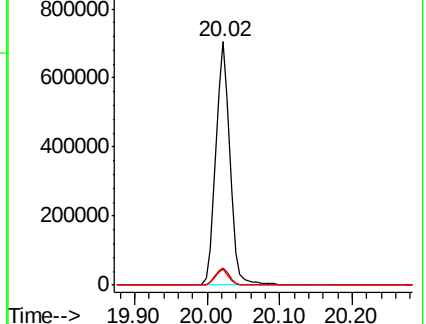
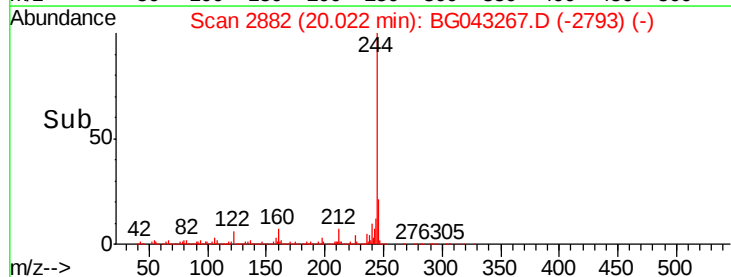
122 6.4 7.0 10.4#

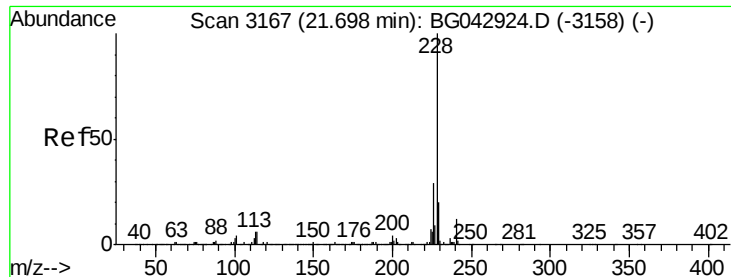


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 4.046 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

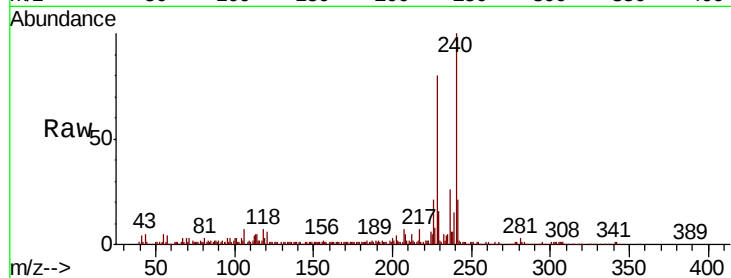
Tot Ion:228 Resp: 93365

Ion Ratio Lower Upper

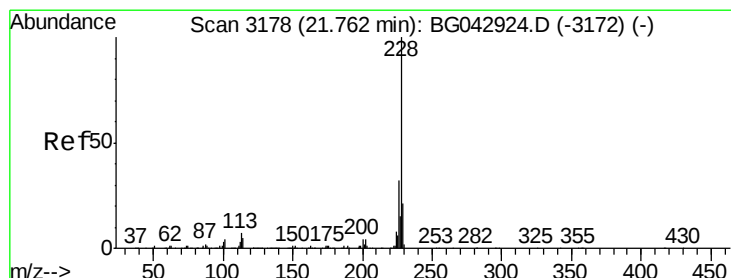
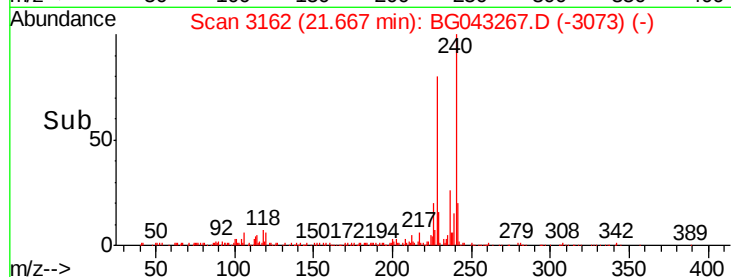
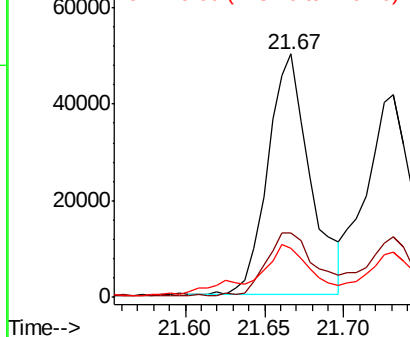
228 100

226 26.5 23.0 34.4

229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.742 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

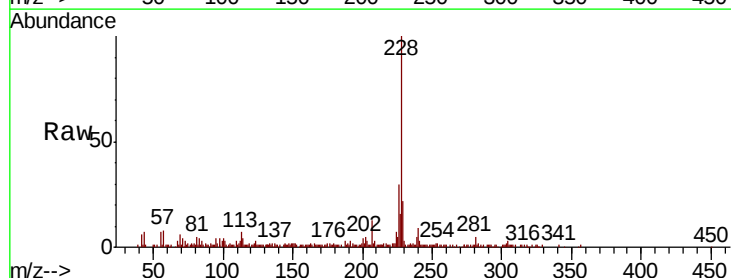
Tgt Ion:228 Resp: 83787

Ion Ratio Lower Upper

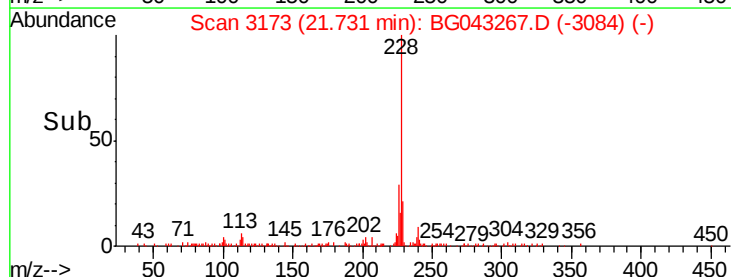
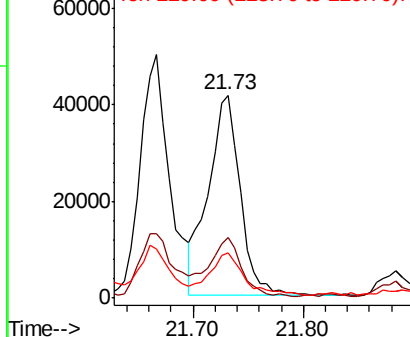
228 100

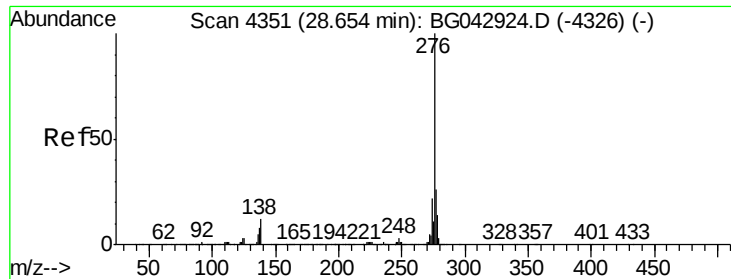
226 29.8 25.6 38.4

229 22.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.304 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.02 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

Instrument :

BNA_G

ClientSampleId :

COMP-32

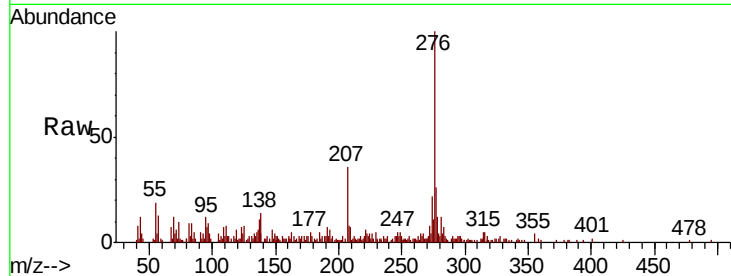
Tot Ion:276 Resp: 64222

Ion Ratio Lower Upper

276 100

138 7.0 7.0 10.6#

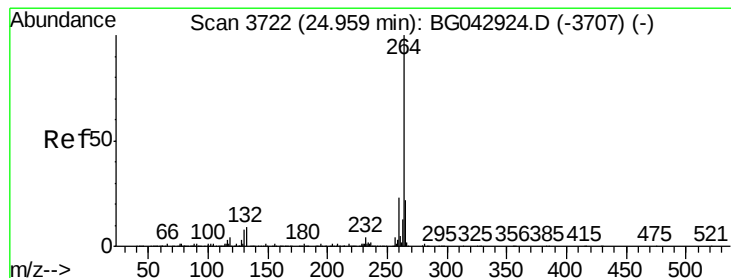
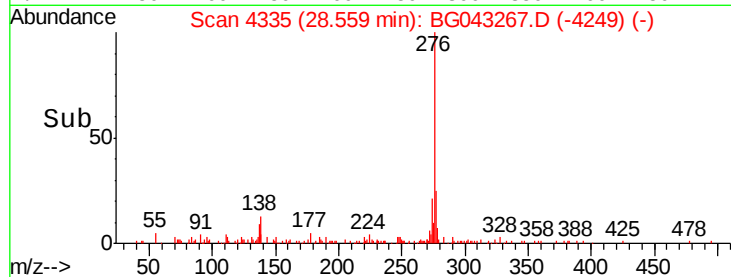
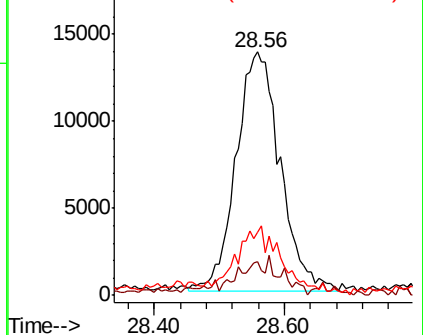
277 25.1 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG043267.D

Acq: 17 Oct 2019 18:22

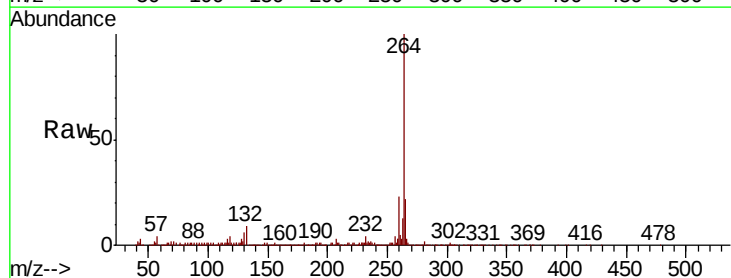
Tgt Ion:264 Resp: 440703

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

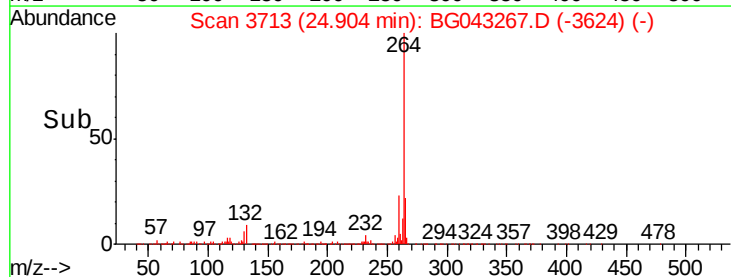
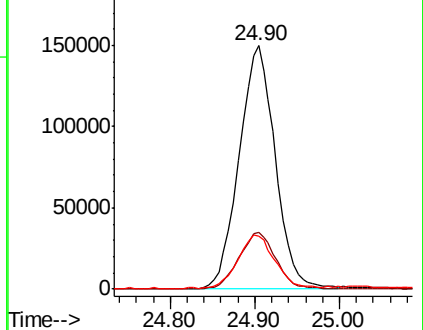
265 22.0 17.7 26.5

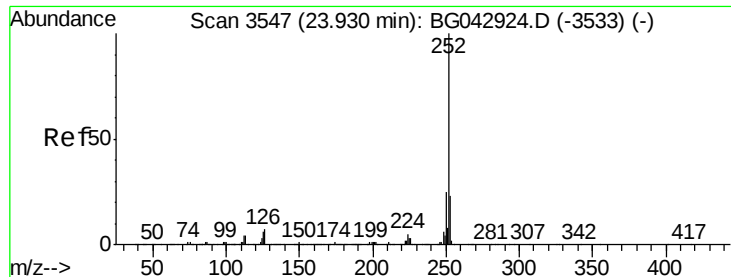


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

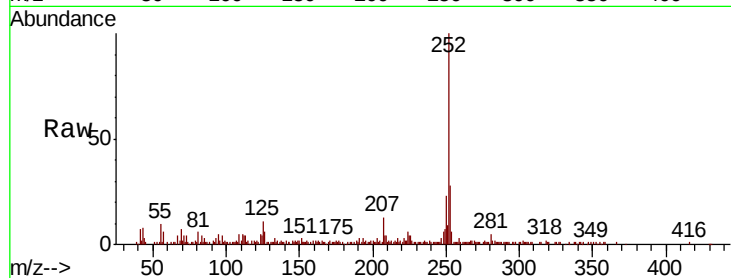




#88
Benzo(b)fluoranthene
Concen: 4.946 ng
RT: 23.89 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2
125	11.1	4.6	7.0

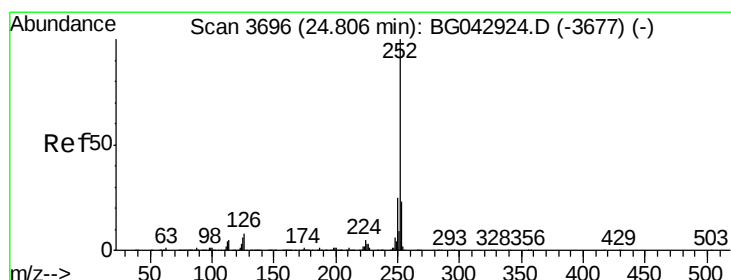
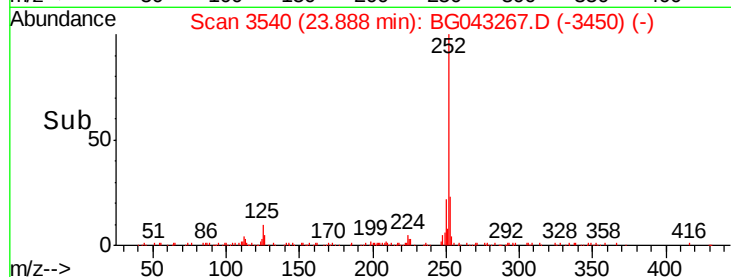
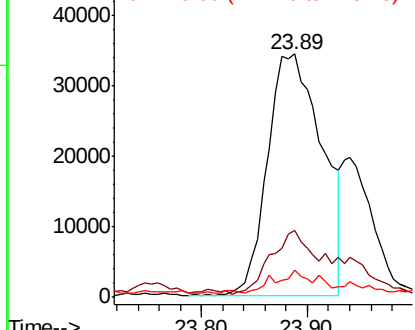


Abundance

Ion 252.00 (251.70 to 252.70): E

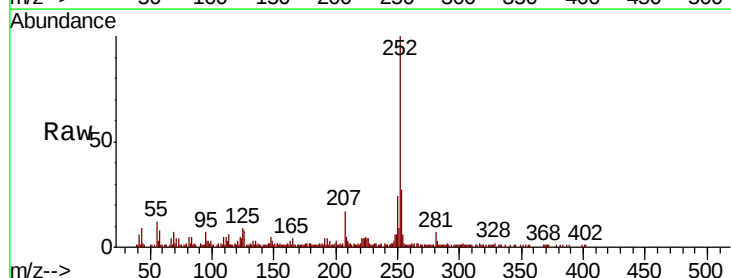
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 3.694 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.4
125	9.4	5.0	7.6

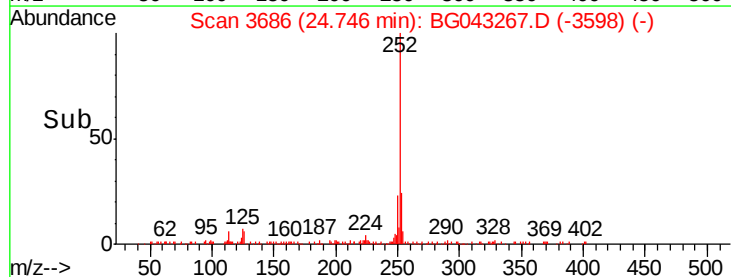
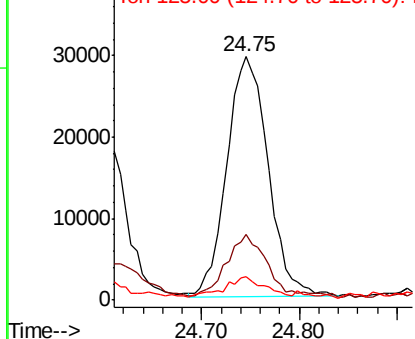


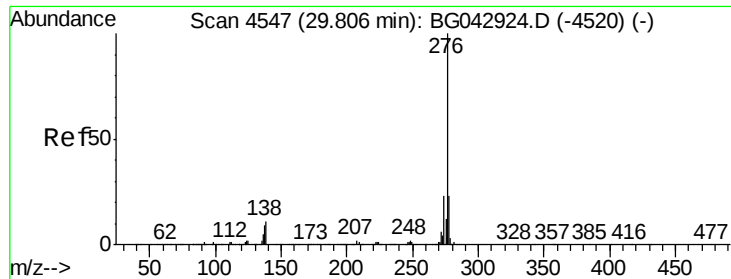
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 2.653 ng
 RT: 29.70 min Scan# 4530
 Delta R.T. -0.02 min
 Lab File: BG043267.D
 Acq: 17 Oct 2019 18:22

Instrument :
 BNA_G
 ClientSampleId :
 COMP-32

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.4	27.6
138	9.9	8.6	12.8

