

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042417.D
 Acq On : 23 Aug 2019 1:24
 Operator : HP/JU
 Sample : K4421-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 SUNSET-PARK-SB-1-COMP

Quant Time: Aug 23 14:10:25 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

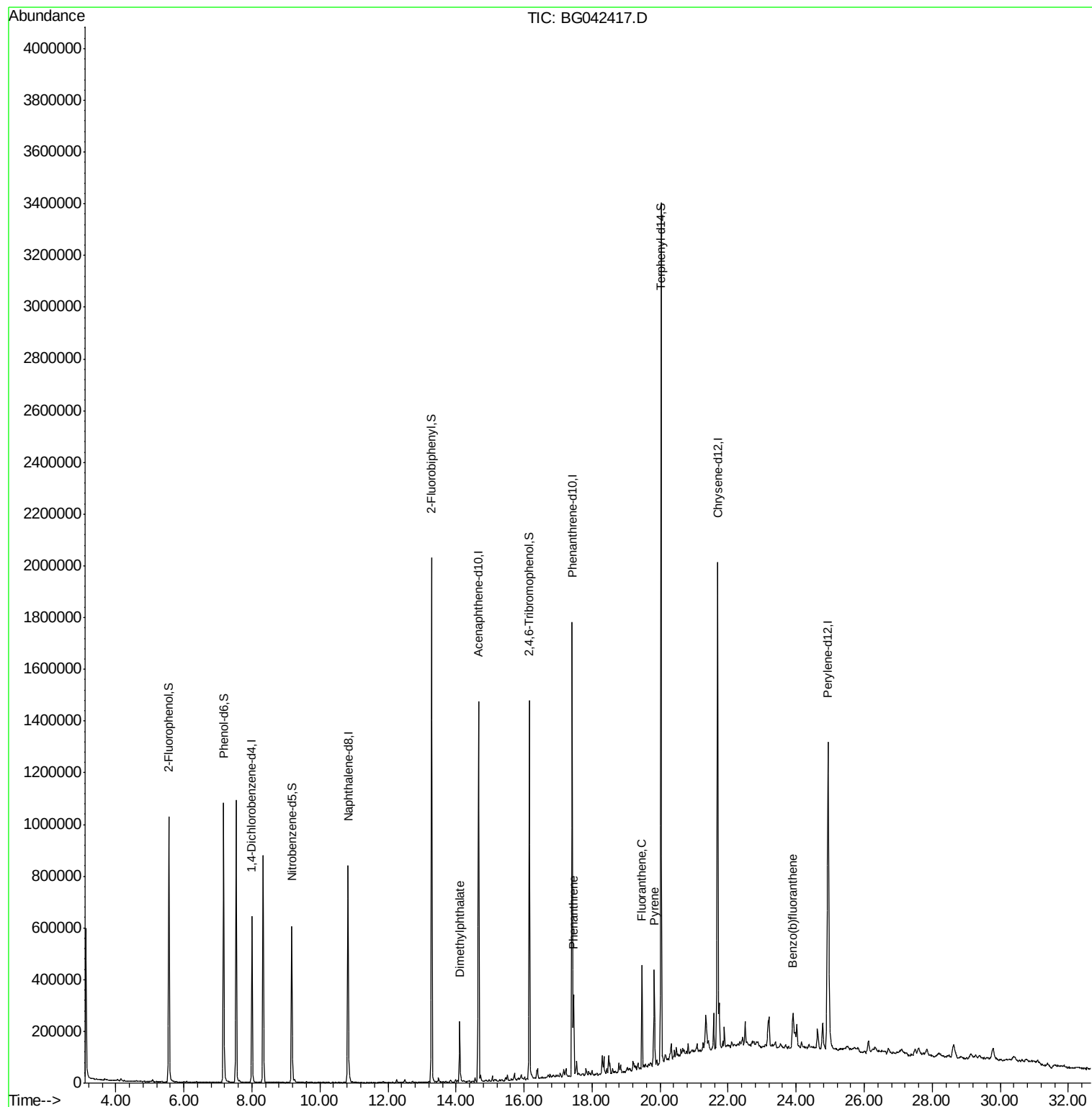
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	210034	40.00	ng	0.00
21) Naphthalene-d8	10.82	136	857266	40.00	ng	0.00
39) Acenaphthene-d10	14.66	164	583492	40.00	ng	0.00
64) Phenanthrene-d10	17.41	188	1138815	40.00	ng	0.00
76) Chrysene-d12	21.69	240	1100366	40.00	ng	0.00
87) Perylene-d12	24.93	264	1321901	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	544799	105.07	ng	0.00
7) Phenol-d6	7.17	99	767845	109.63	ng	0.00
23) Nitrobenzene-d5	9.17	82	422664	68.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	328497	79.22	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	1174525	68.09	ng	0.00
79) Terphenyl-d14	20.03	244	1650187	64.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	198464	9.428	ng	99
71) Phenanthrene	17.46	178	208059	7.356	ng	99
75) Fluoranthene	19.47	202	257659	7.465	ng	96
78) Pyrene	19.83	202	245109	7.266	ng	97
81) Benzo(a)anthracene	21.67	228	131533	3.930	ng	100
83) Chrysene	21.73	228	124130	3.846	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	62842	3.411	ng	97
88) Benzo(b)fluoranthene	23.91	252	164784	4.535	ng	# 95
90) Benzo(a)pyrene	24.78	252	119785	3.474	ng	# 98
92) Benzo(g,h,i)perylene	29.79	276	93885	2.689	ng	# 94

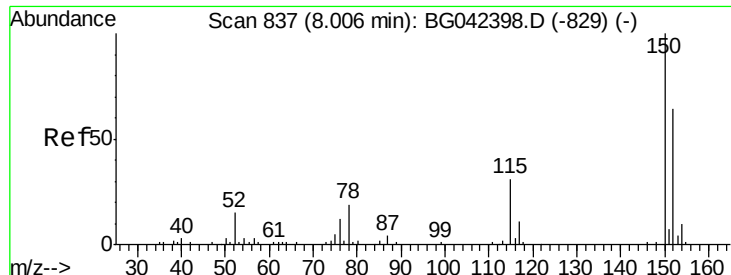
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042417.D
Acq On : 23 Aug 2019 1:24
Operator : HP/JU
Sample : K4421-13
Misc :
ALS Vial : 14 Sample Multiplier: 2

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMP

Quant Time: Aug 23 14:10:25 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



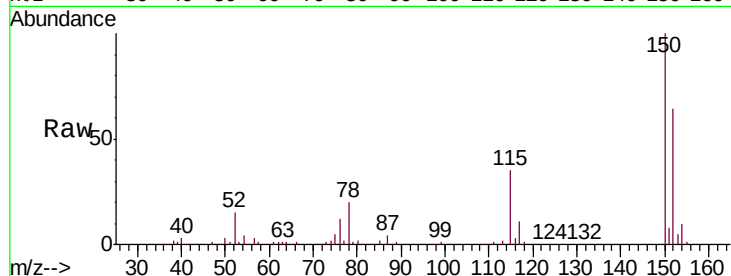


#1

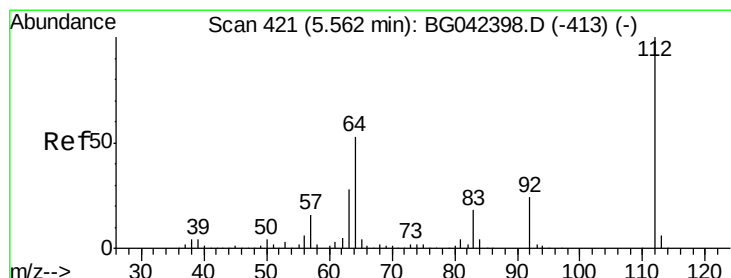
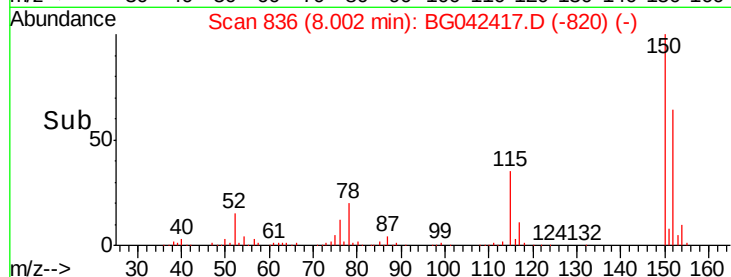
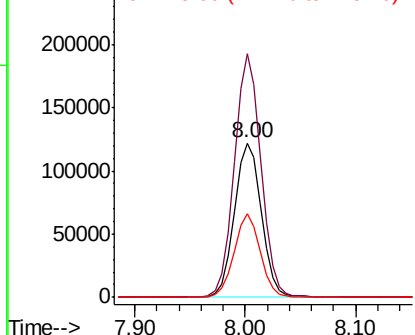
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMP

Tot Ion:152 Resp: 210034
Ion Ratio Lower Upper
152 100
150 157.5 125.4 188.0
115 54.5 38.5 57.7



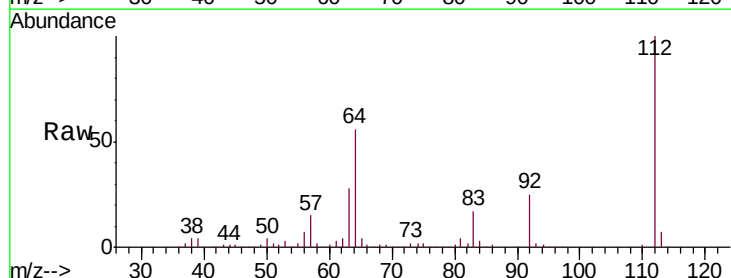
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



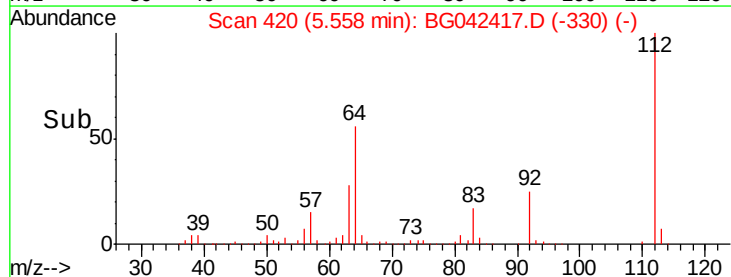
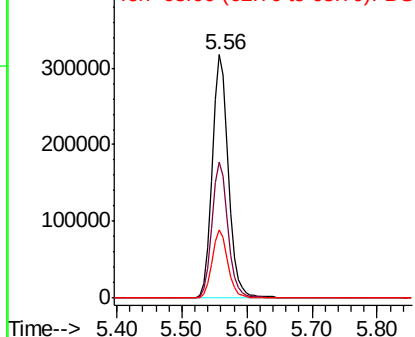
#5

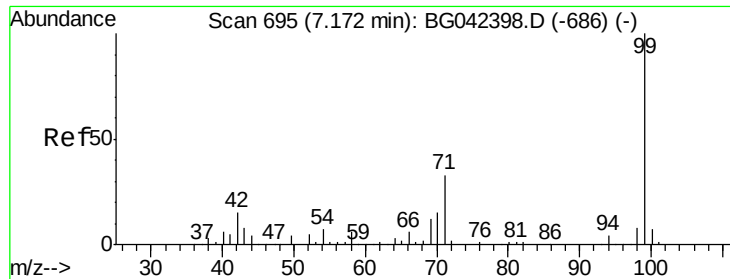
2-Fluorophenol
Concen: 105.066 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Tgt Ion:112 Resp: 544799
Ion Ratio Lower Upper
112 100
64 55.7 42.8 64.2
63 27.9 22.7 34.1



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: 109.627 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Instrument :

BNA_G

ClientSampleId :

SUNSET-PARK-SB-1-COMP

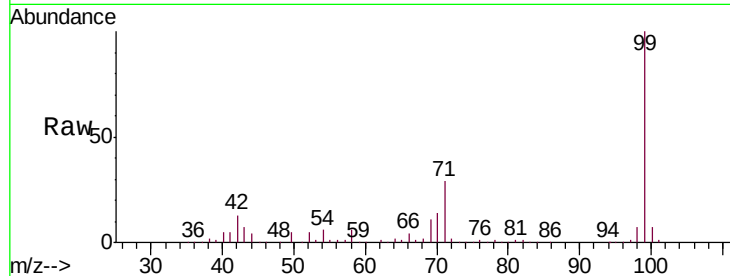
Tot Ion: 99 Resp: 767845

Ion Ratio Lower Upper

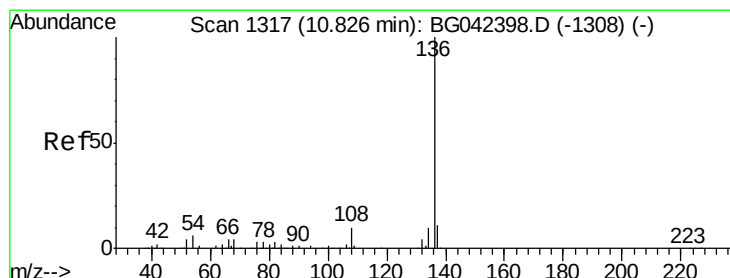
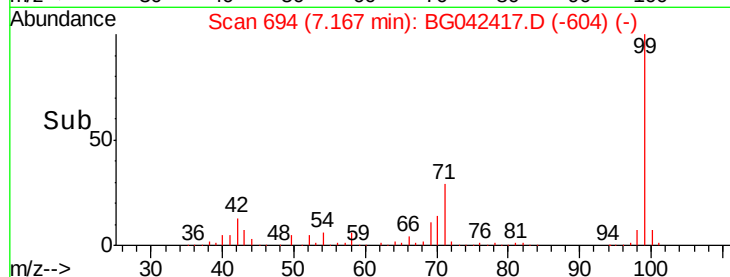
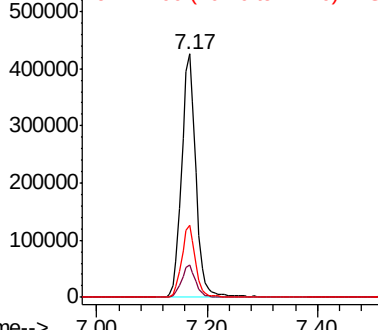
99 100

42 13.1 12.0 18.0

71 29.5 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



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Tgt Ion: 136 Resp: 857266

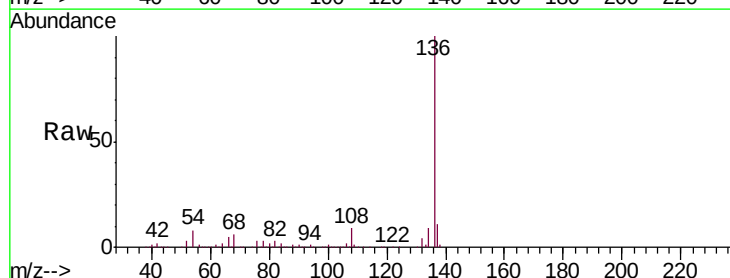
Ion Ratio Lower Upper

136 100

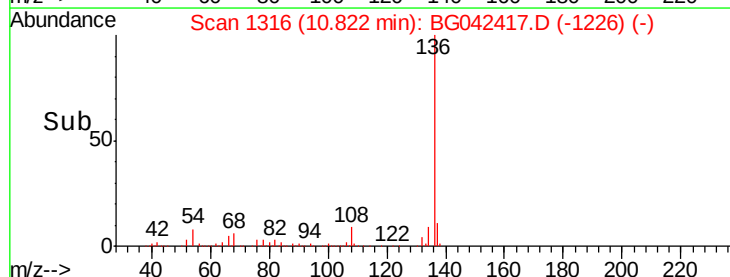
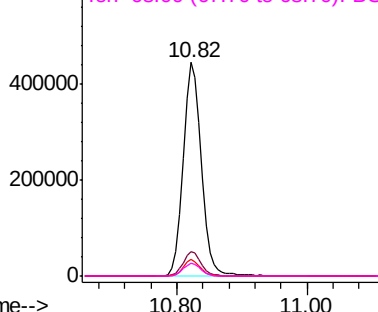
137 11.4 8.7 13.1

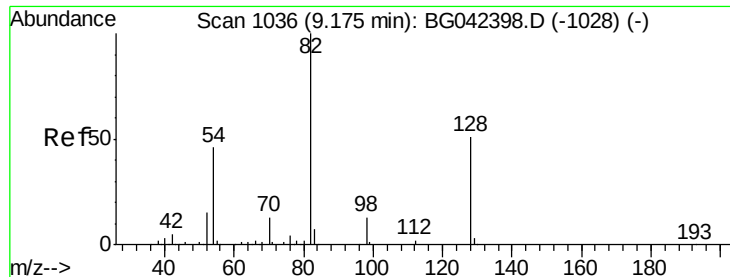
54 7.5 4.9 7.3#

68 6.1 3.6 5.4#



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

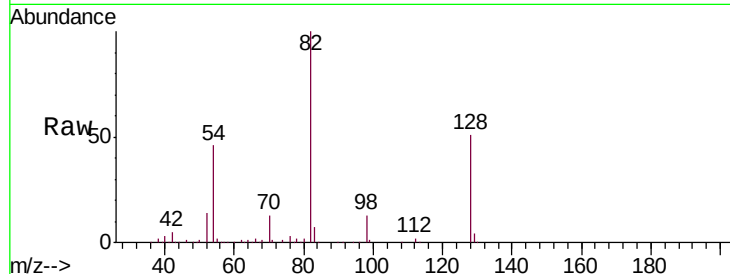




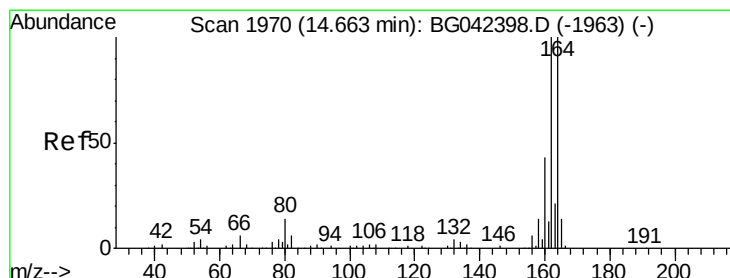
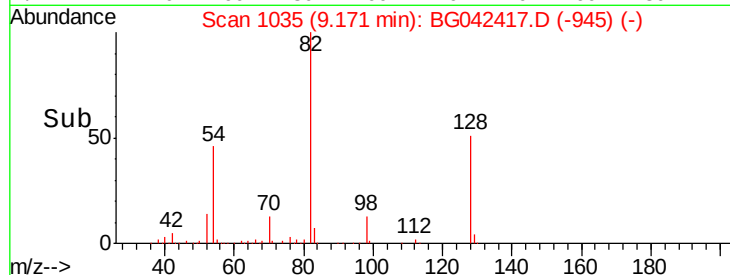
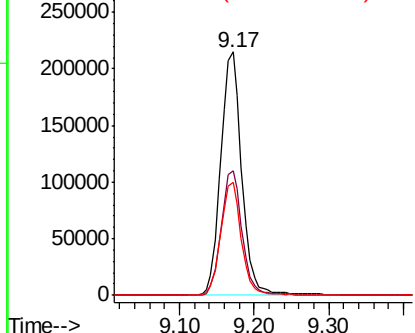
#23
Nitrobenzene-d5
Concen: 68.142 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMP

Tot Ion	82	Resp	422664
Ion Ratio	Lower	Upper	
82	100		
128	51.1	40.7	61.1
54	46.2	36.3	54.5

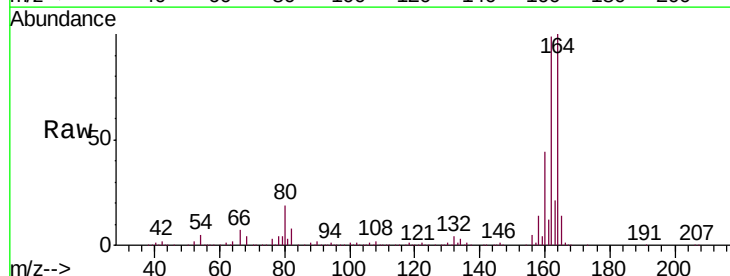


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

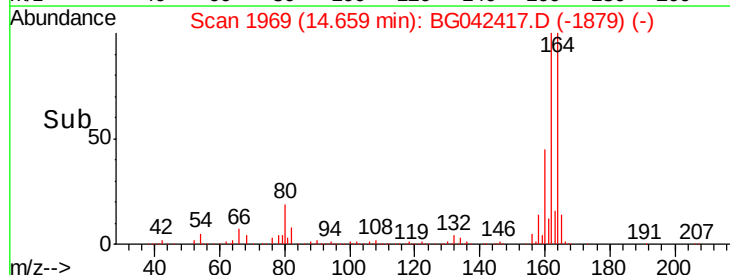
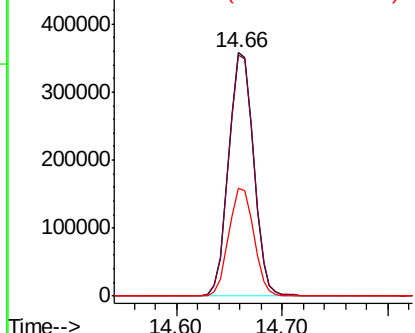


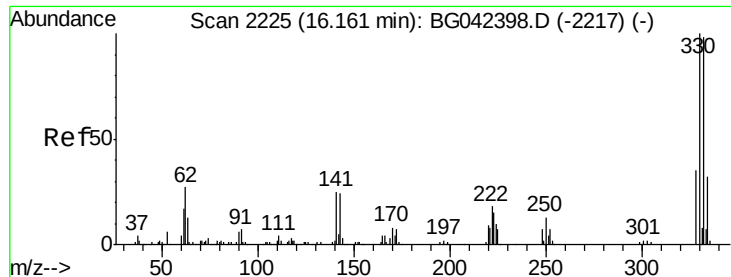
#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Tgt Ion	164	Resp	583492
Ion Ratio	Lower	Upper	
164	100		
162	99.0	79.9	119.9
160	44.3	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

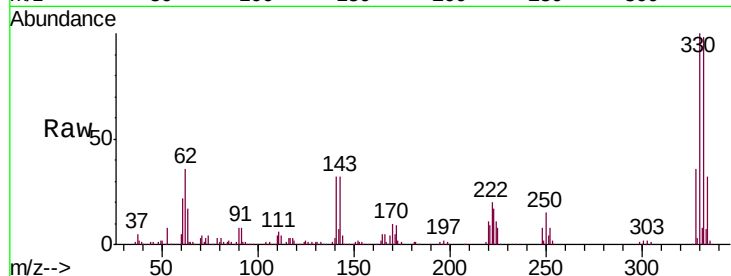




#42
 2,4,6-Tribromophenol
 Concen: 79.219 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042417.D
 Acq: 23 Aug 2019 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SUNSET-PARK-SB-1-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	30.9	21.4	32.0

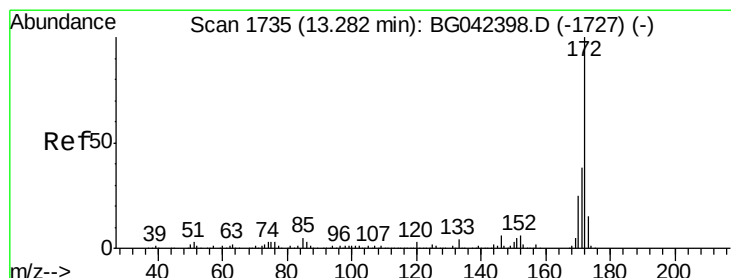
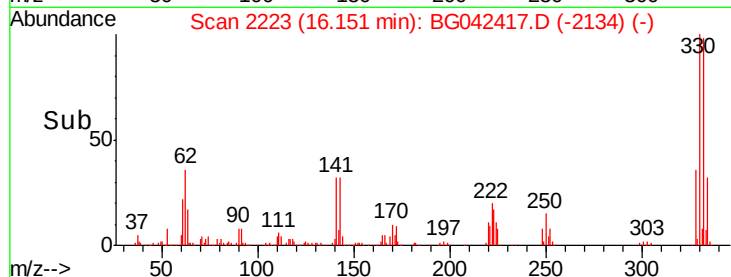
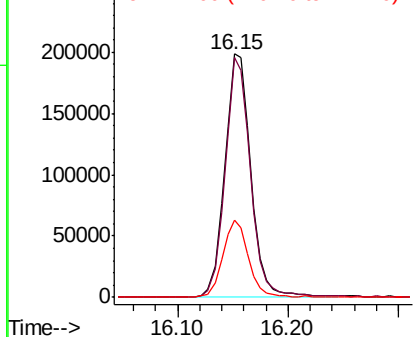


Abundance

Ion 329.80 (329.50 to 330.50): E

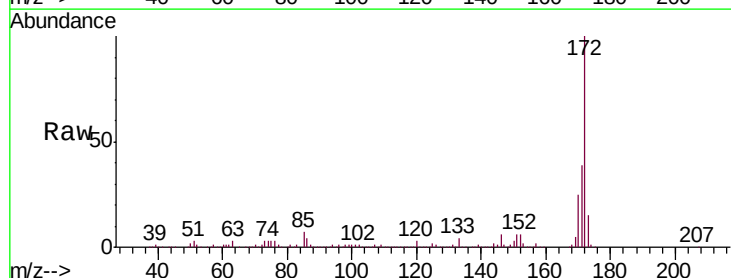
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.089 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042417.D
 Acq: 23 Aug 2019 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.3	20.2	30.2

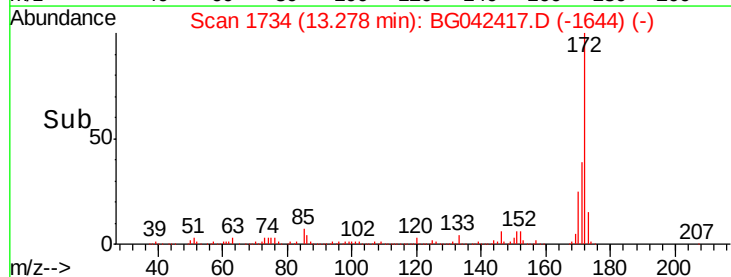
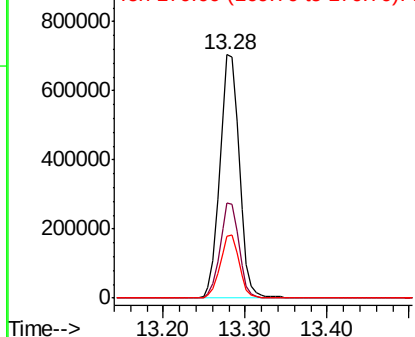


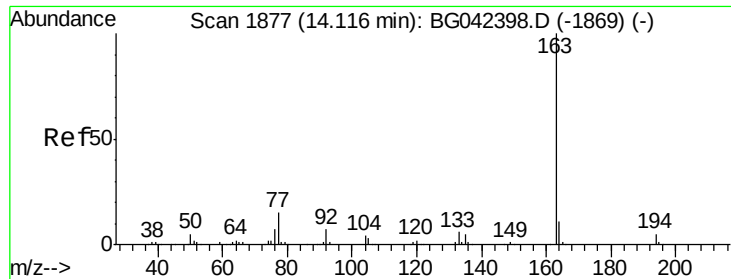
Abundance

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: 9.428 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Instrument :

BNA_G

ClientSampleId :

SUNSET-PARK-SB-1-COMP

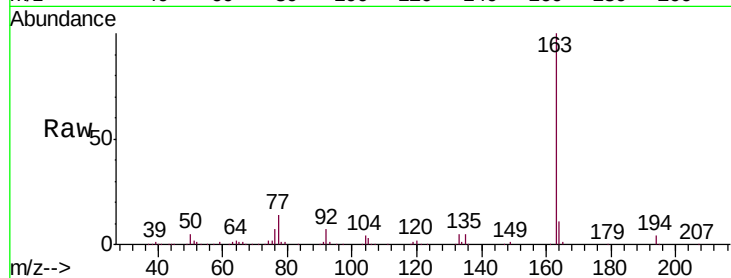
Tot Ion:163 Resp: 198464

Ion Ratio Lower Upper

163 100

194 4.5 4.2 6.2

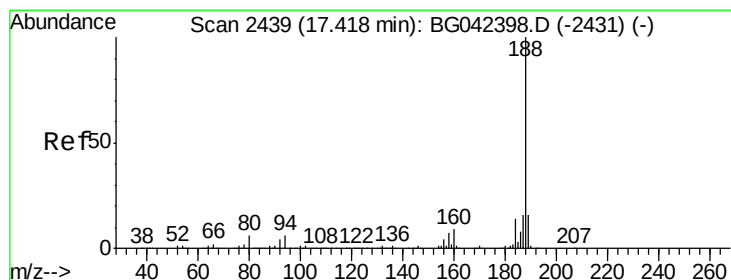
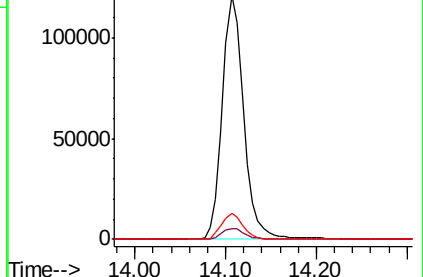
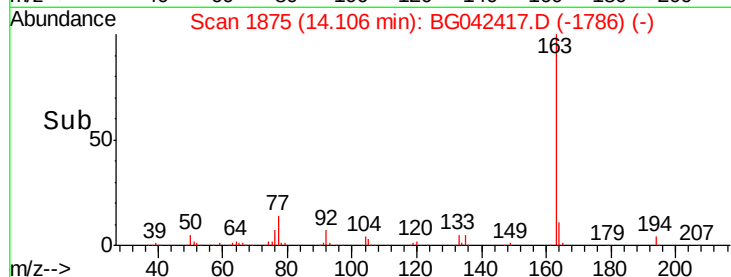
164 10.7 8.8 13.2



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



#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

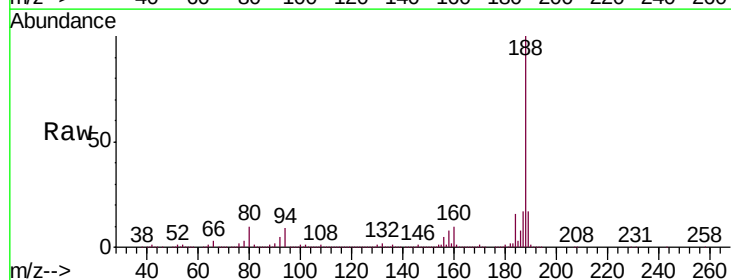
Tgt Ion:188 Resp: 1138815

Ion Ratio Lower Upper

188 100

94 9.0 4.5 6.7#

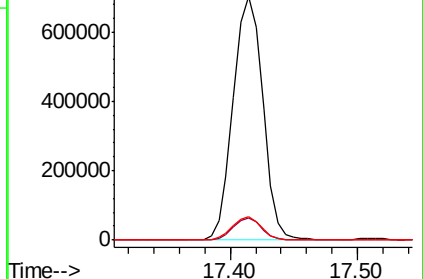
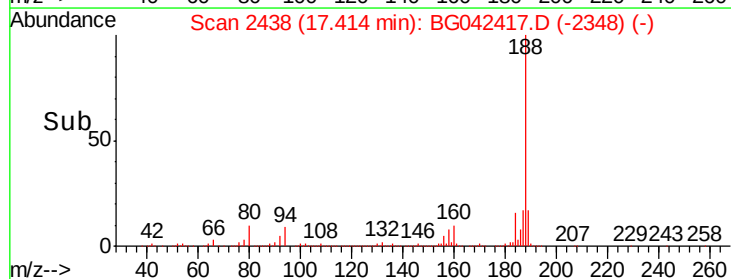
80 9.6 4.9 7.3#

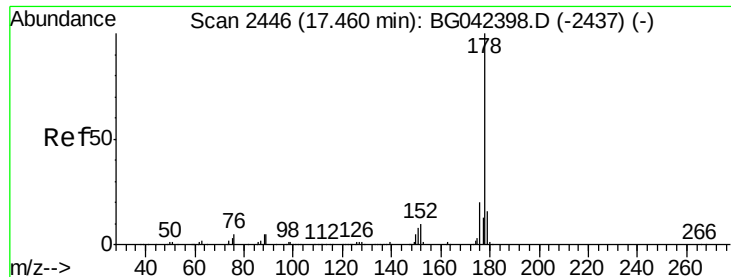


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

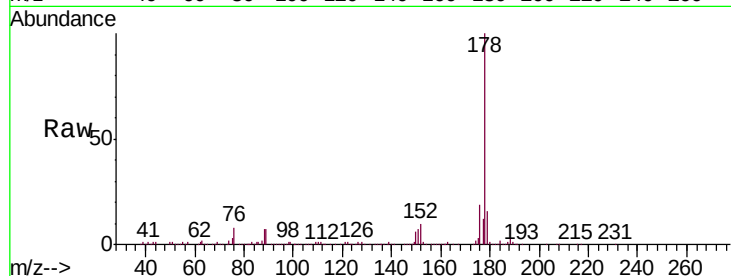




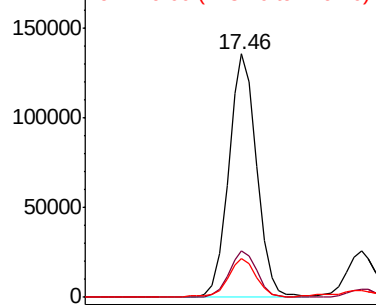
#71
Phenanthrene
Concen: 7.356 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMP

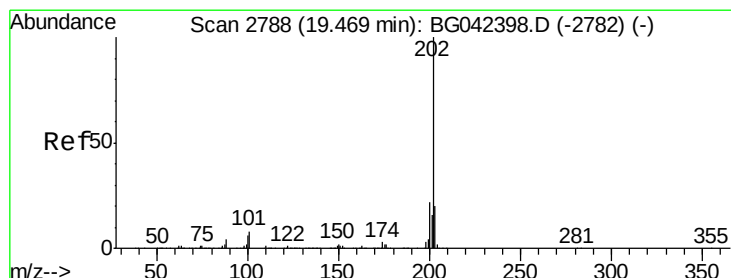
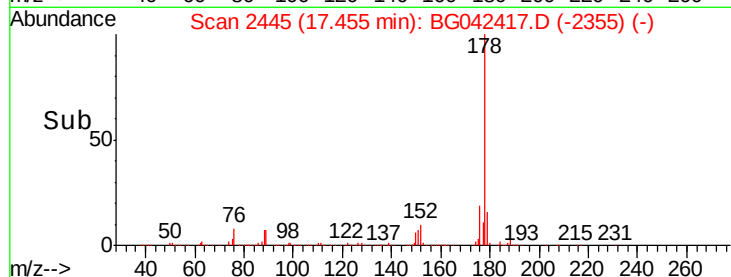
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.9	12.7	19.1



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

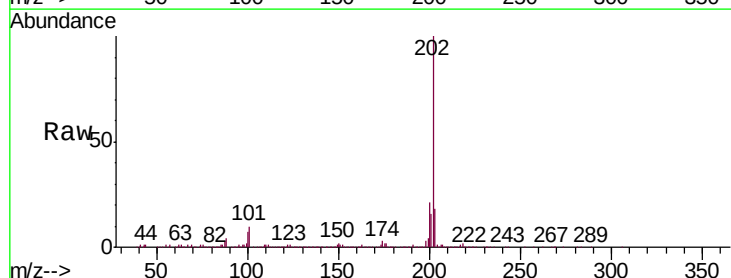


Time-->

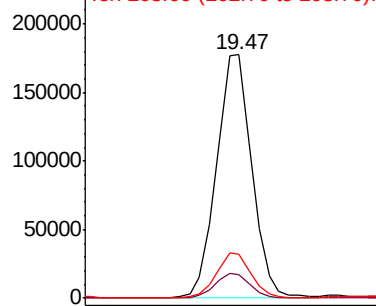


#75
Fluoranthene
Concen: 7.465 ng
RT: 19.47 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

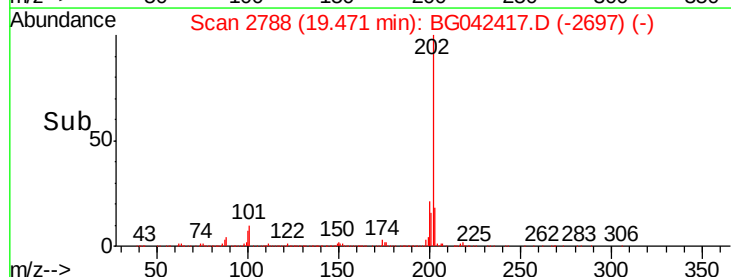
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	28.3
203	17.8	0.0	39.6

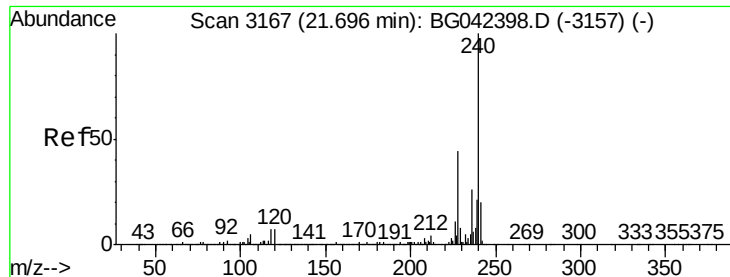


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#76

Chrysene-d12

Concen: 40.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Instrument :

BNA_G

ClientSampleId :

SUNSET-PARK-SB-1-COMP

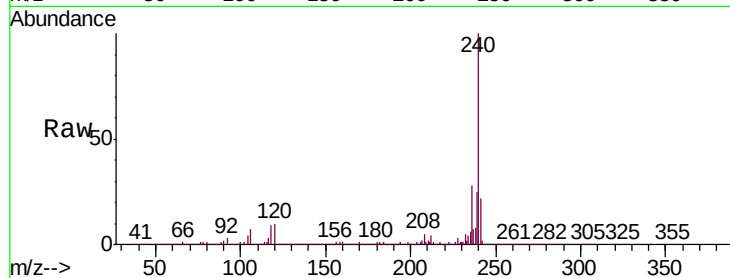
Tot Ion:240 Resp: 1100366

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

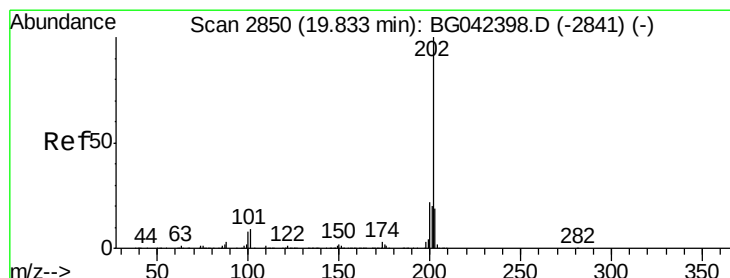
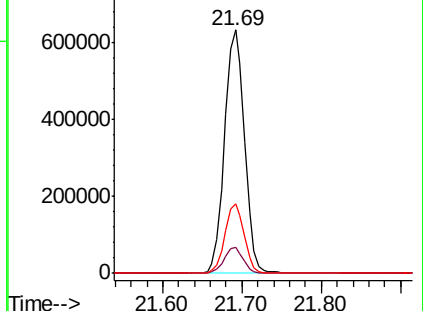
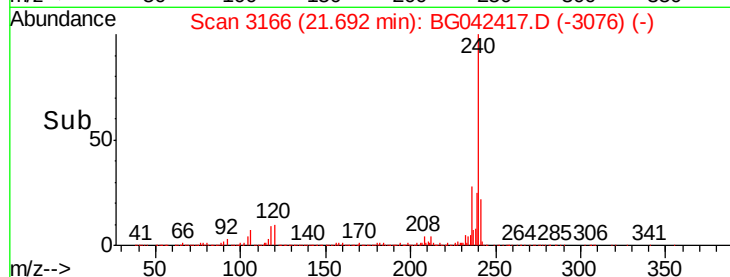
236 28.5 21.0 31.4



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: 7.266 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

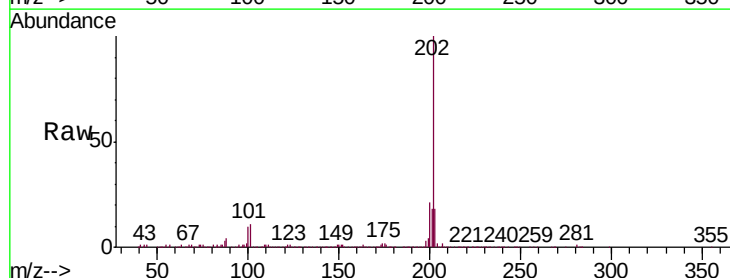
Tgt Ion:202 Resp: 245109

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

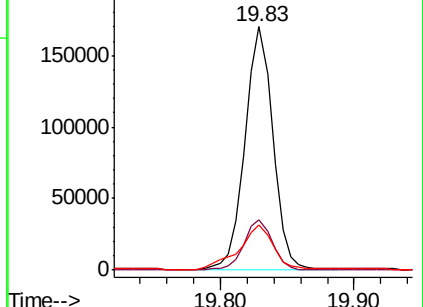
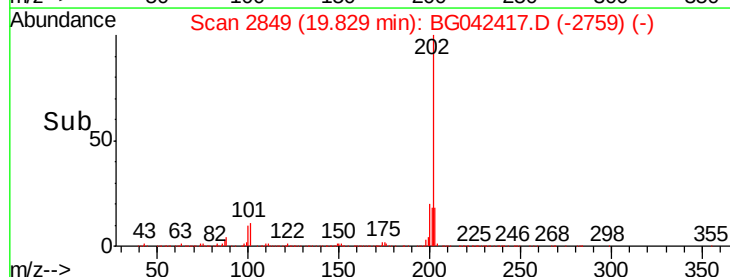
203 18.5 15.5 23.3

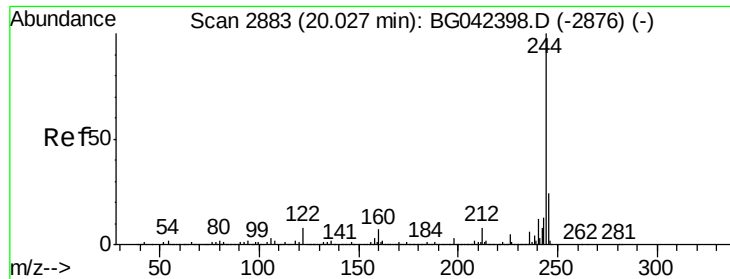


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.843 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Instrument :

BNA_G

ClientSampleId :

SUNSET-PARK-SB-1-COMP

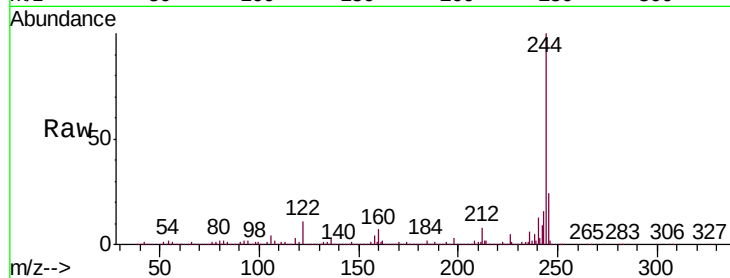
Tot Ion:244 Resp: 1650187

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

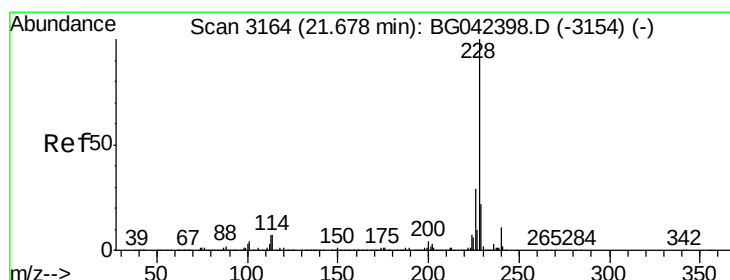
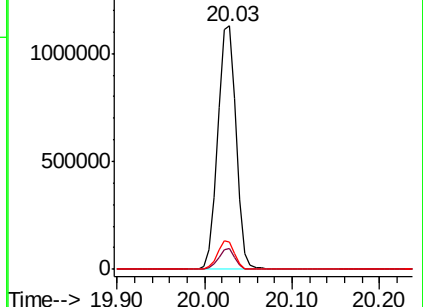
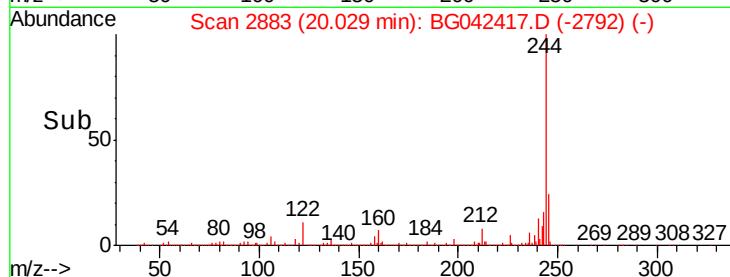
122 11.3 6.7 10.1#



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



#81

Benzo(a)anthracene

Concen: 3.930 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

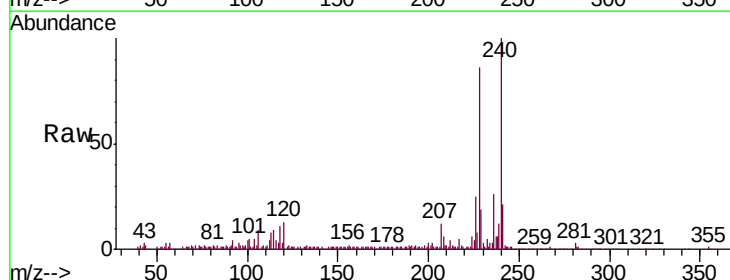
Tgt Ion:228 Resp: 131533

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

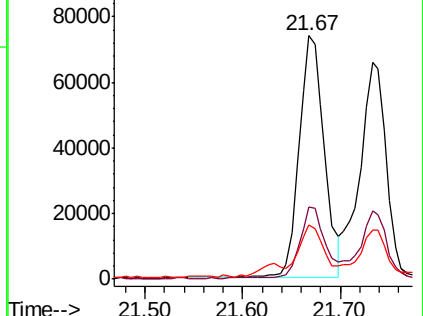
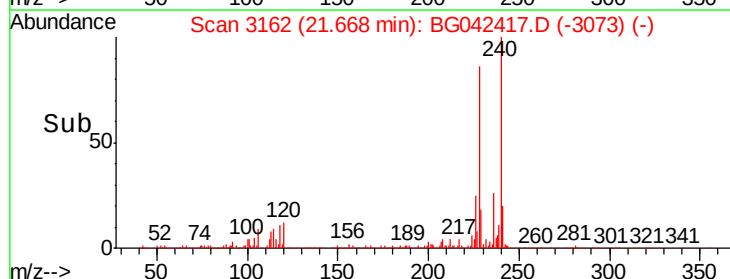
229 22.1 17.4 26.2

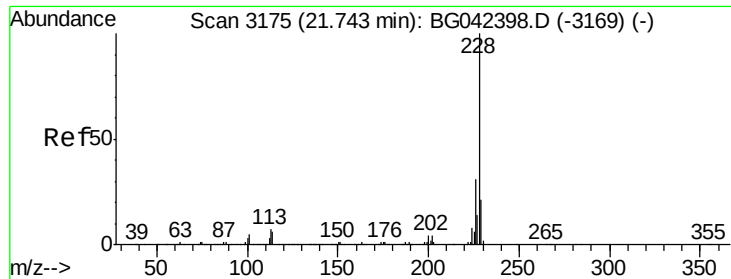


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

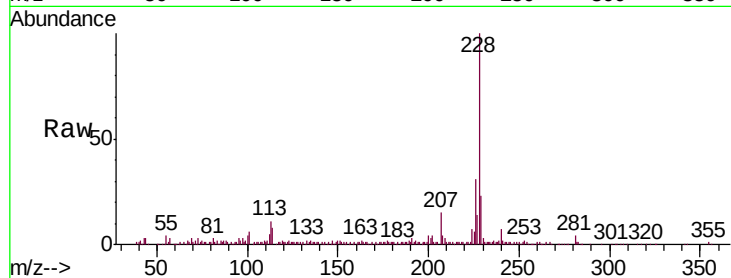




#83
 Chrysene
 Concen: 3.846 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042417.D
 Acq: 23 Aug 2019 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SUNSET-PARK-SB-1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.7	16.9	25.3

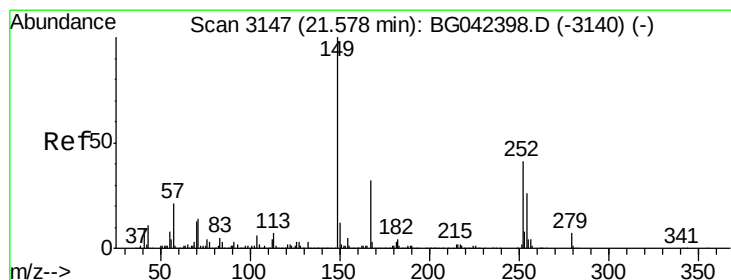
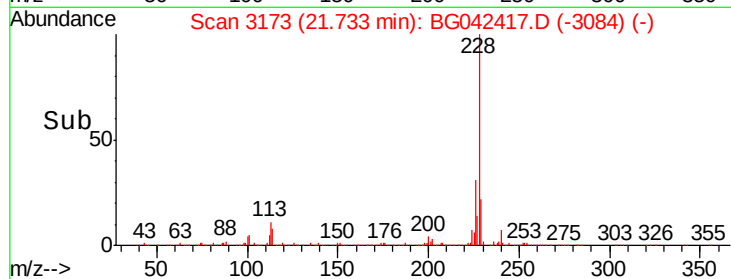
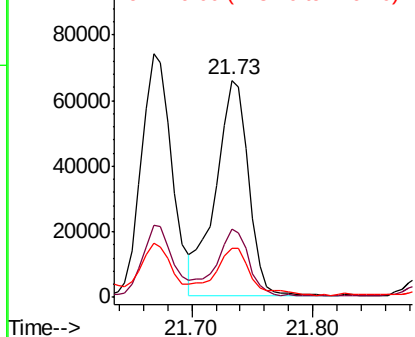


Abundance

Ion 228.00 (227.70 to 228.70): E

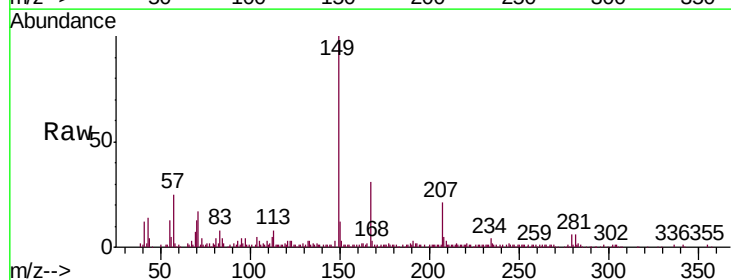
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.411 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG042417.D
 Acq: 23 Aug 2019 1:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	26.0	39.0
279	6.0	5.4	8.0

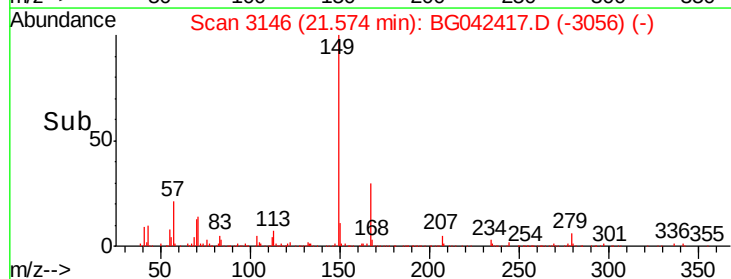
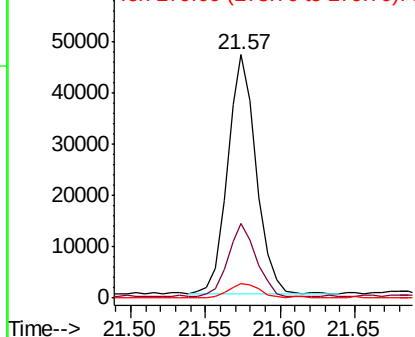


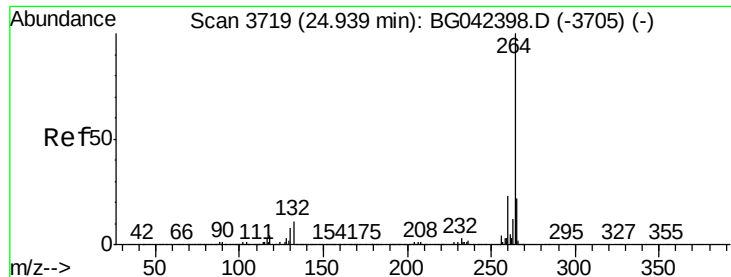
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 40.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

Instrument :

BNA_G

ClientSampleId :

SUNSET-PARK-SB-1-COMP

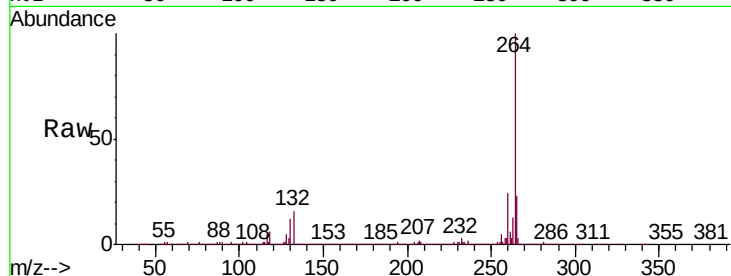
Tot Ion:264 Resp: 1321901

Ion Ratio Lower Upper

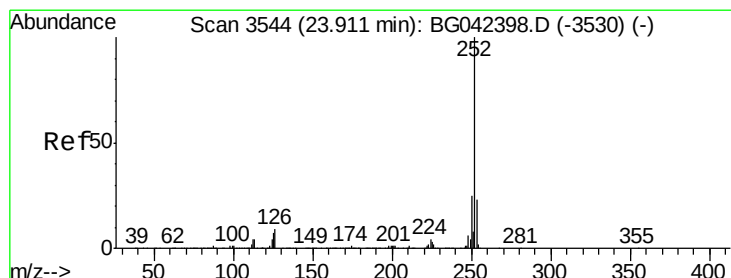
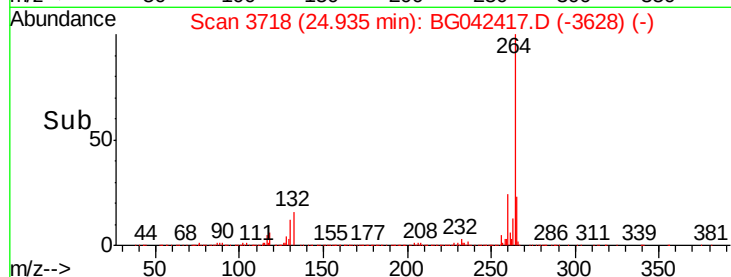
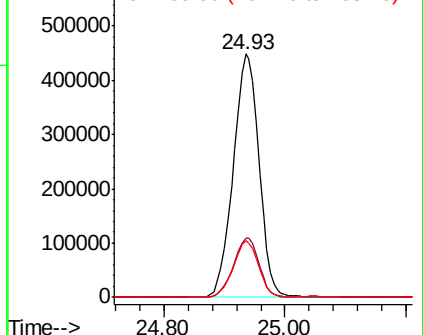
264 100

260 24.4 18.5 27.7

265 23.3 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



#88

Benzo(b)fluoranthene

Concen: 4.535 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG042417.D

Acq: 23 Aug 2019 1:24

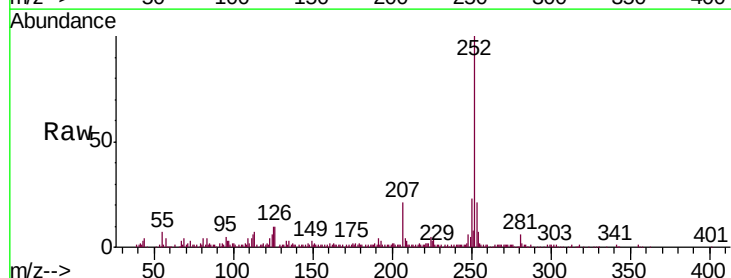
Tgt Ion:252 Resp: 164784

Ion Ratio Lower Upper

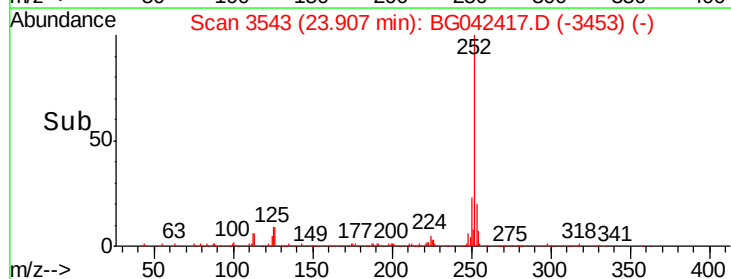
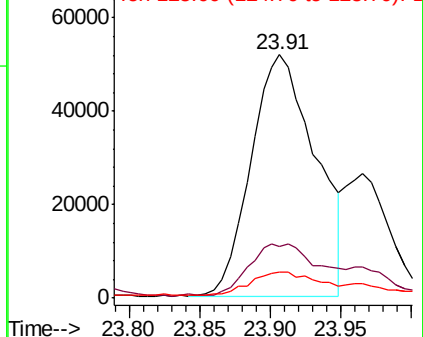
252 100

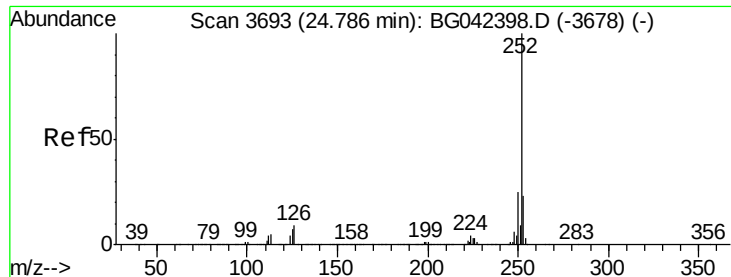
253 21.3 18.6 27.8

125 10.5 5.6 8.4#



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

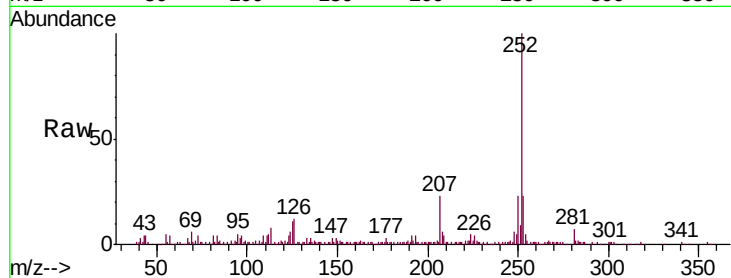




#90
Benzo(a)pyrene
Concen: 3.474 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	10.8	6.0	9.0

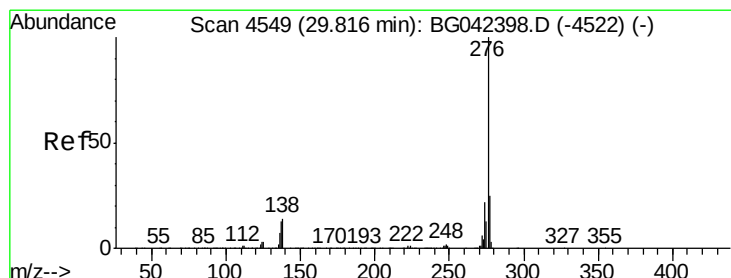
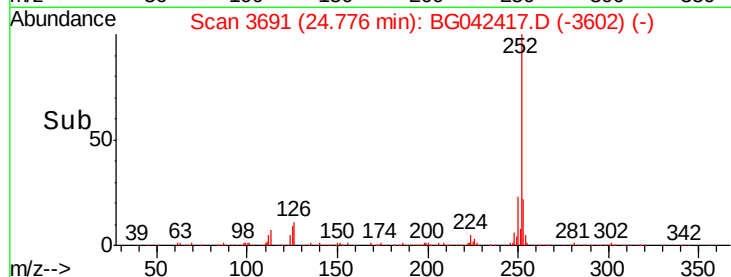
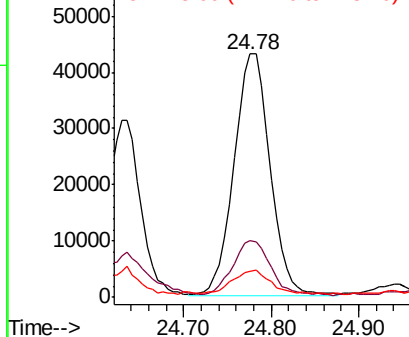


Abundance

Ion 252.00 (251.70 to 252.70): E

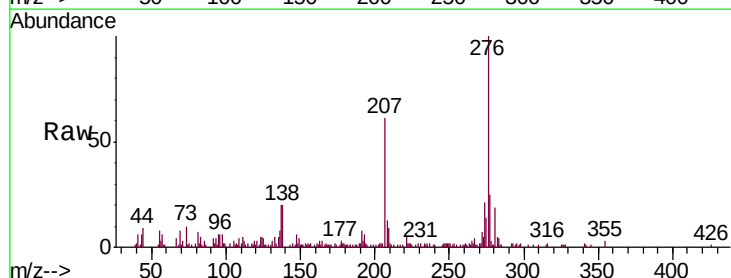
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.689 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042417.D
Acq: 23 Aug 2019 1:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	20.4	11.4	17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

