

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031079.D
 Acq On : 17 Nov 2017 12:59
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02064

Quant Time: Nov 18 00:32:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 04:52:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33270	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	144770	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	106166	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	313050	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	409801	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	398524	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.57	165	52700	19.29	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	225979	20.47	ng/ul	0.00
10) Fluorene-d10	15.74	176	177494	20.01	ng/ul	0.00
15) Anthracene-d10	17.59	188	309822	19.77	ng/ul	0.00
19) Pyrene-d10	19.87	212	425109	22.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	389154	19.74	ng/ul	0.00

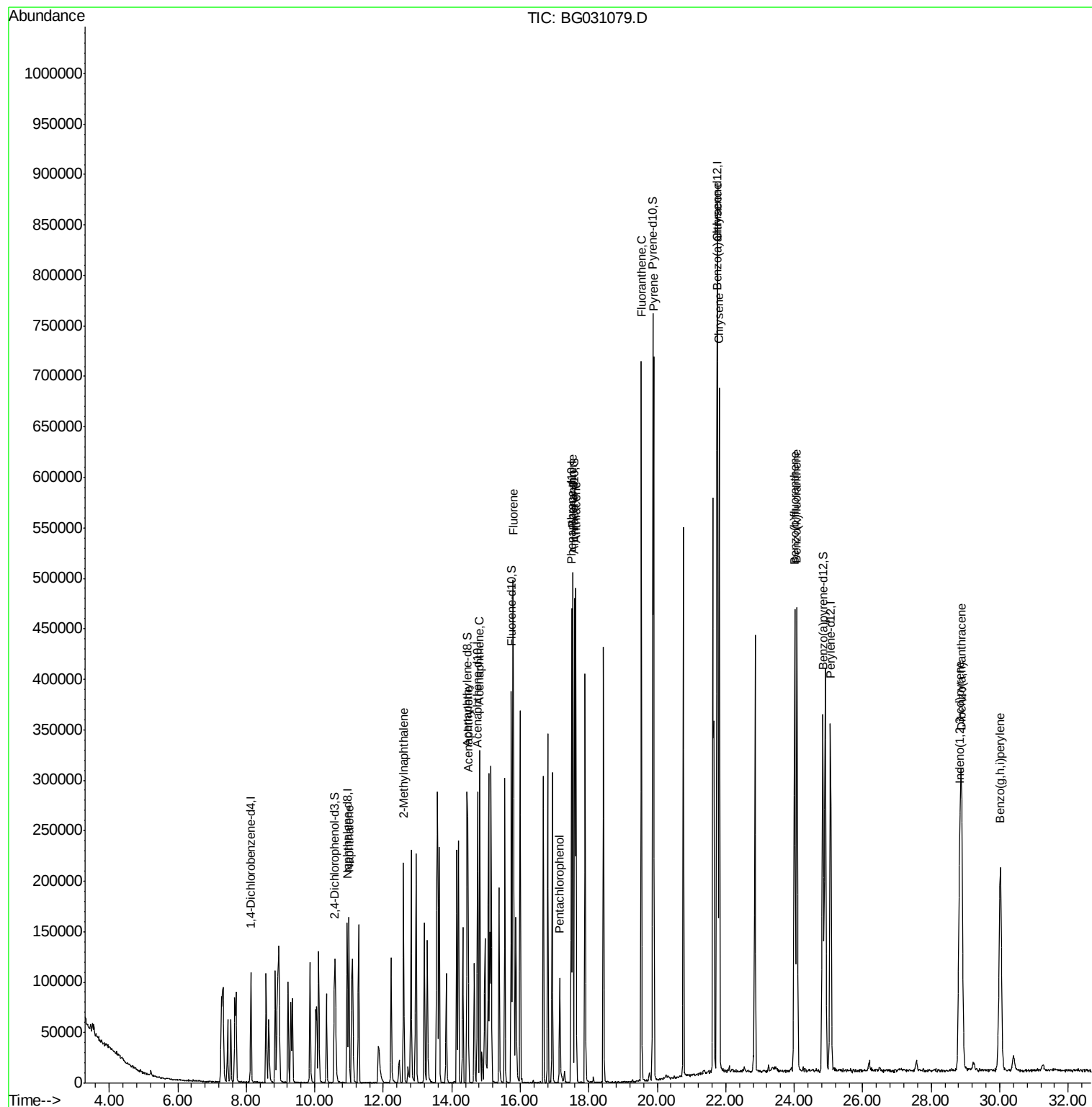
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	11.00	128	144318	20.83	ng/ul	100
5) 2-Methylnaphthalene	12.60	142	113603	19.87	ng/ul	99
8) Acenaphthylene	14.48	152	200345	20.72	ng/ul	98
9) Acenaphthene	14.82	153	141276	20.25	ng/ul	99
11) Fluorene	15.80	166	175896	19.90	ng/ul	96
13) Pentachlorophenol	17.15	266	28268	15.48	ng/uL	97
14) Phenanthrene	17.54	178	333303	19.84	ng/ul	98
16) Anthracene	17.62	178	339185	19.88	ng/ul	100
17) Fluoranthene	19.53	202	481343	20.59	ng/ul#	86
20) Pyrene	19.90	202	487052	22.39	ng/ul#	84
21) Benzo(a)anthracene	21.74	228	523569	20.97	ng/ul	98
22) Chrysene	21.81	228	490072	20.64	ng/ul	97
24) Benzo(b)fluoranthene	24.01	252	495687	20.59	ng/ul#	95
25) Benzo(k)fluoranthene	24.08	252	473007	19.94	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.83	276	524853	19.95	ng/ul#	89
29) Dibenzo(a,h)anthracene	28.89	278	439798	20.19	ng/ul#	90
30) Benzo(g,h,i)perylene	30.02	276	439947	20.09	ng/ul#	87

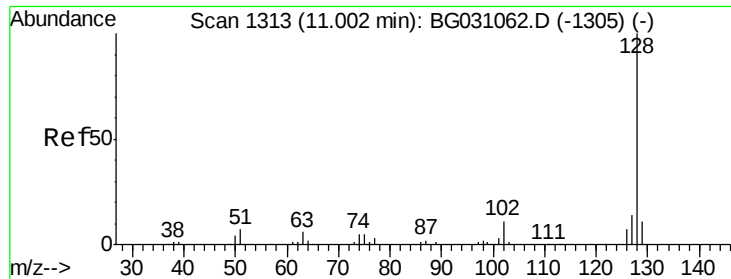
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
Data File : BG031079.D
Acq On : 17 Nov 2017 12:59
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02064

Quant Time: Nov 18 00:32:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 17 04:52:45 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 20.83 ng/ul

RT: 11.00 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SSTD02064

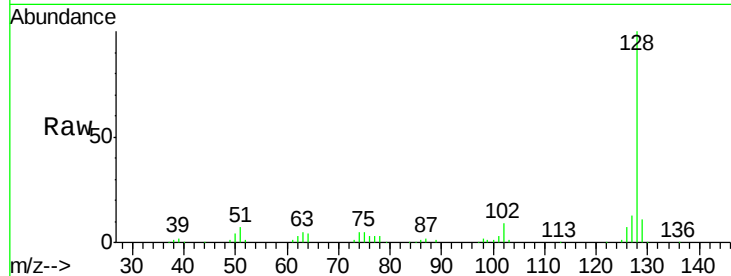
Tot Ion:128 Resp: 144318

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

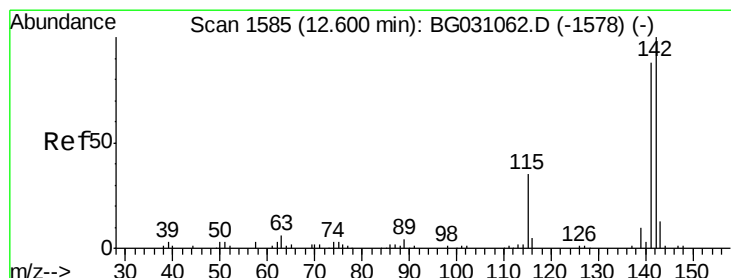
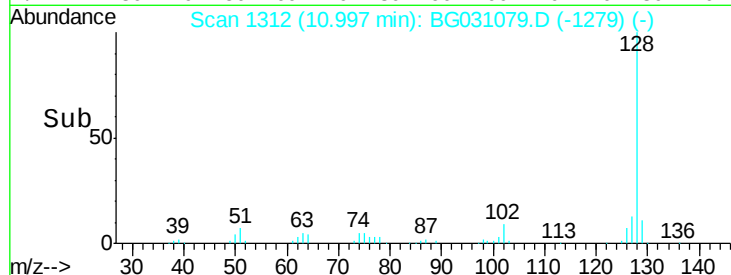
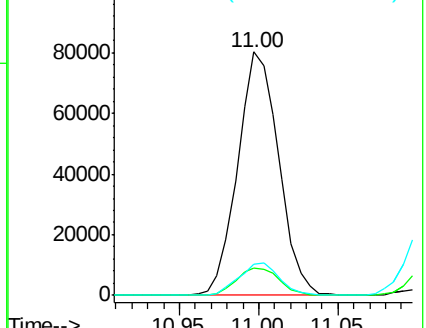
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 19.87 ng/ul

RT: 12.60 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BG031079.D

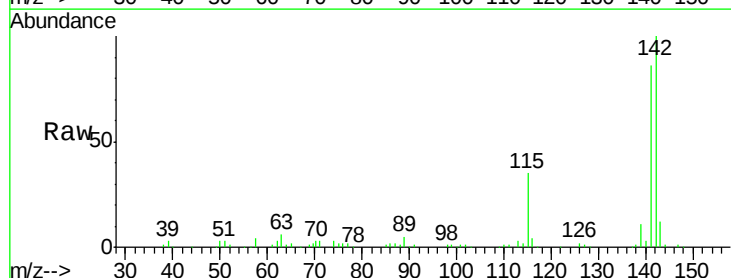
Acq: 17 Nov 2017 12:59

Tgt Ion:142 Resp: 113603

Ion Ratio Lower Upper

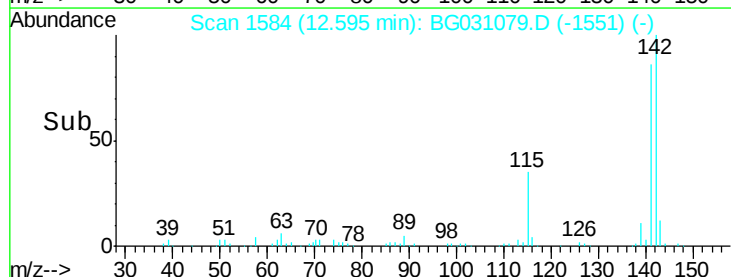
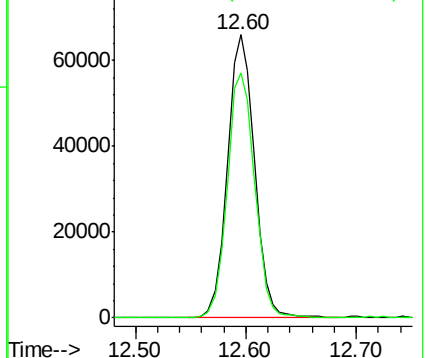
142 100

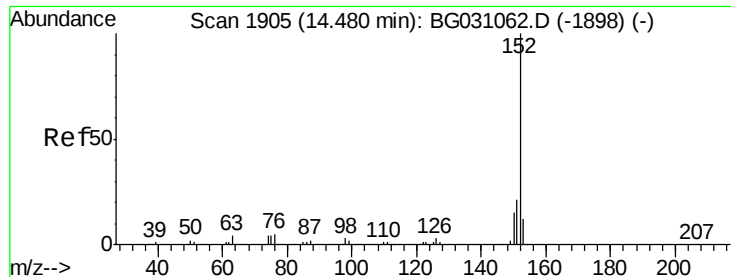
141 86.4 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

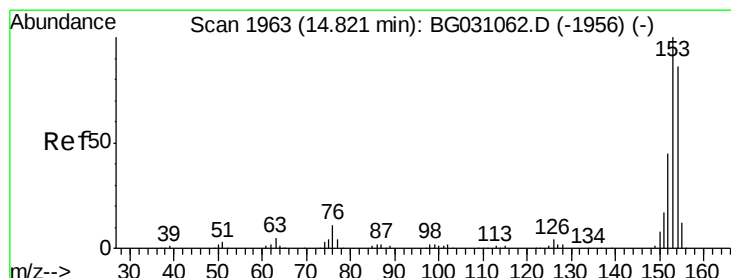
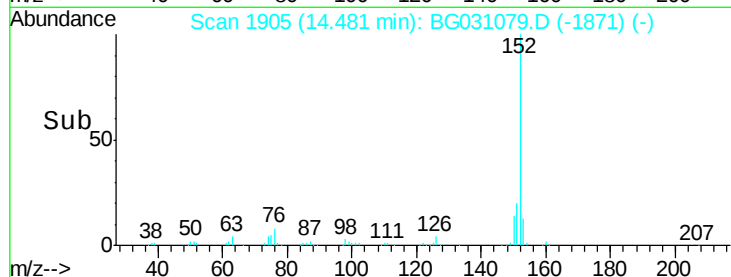
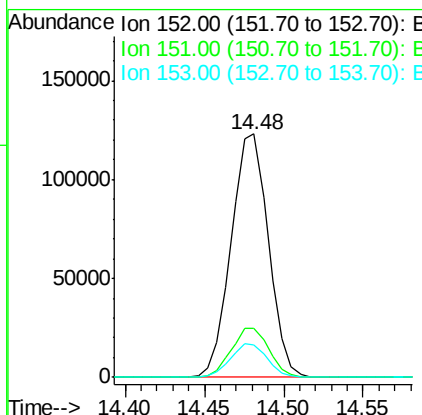
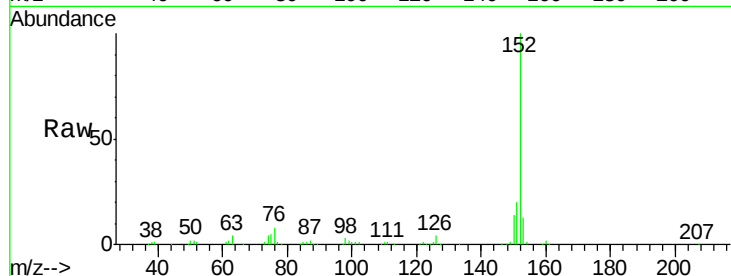




#8
Acenaphthylene
Concen: 20.72 ng/ul
RT: 14.48 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

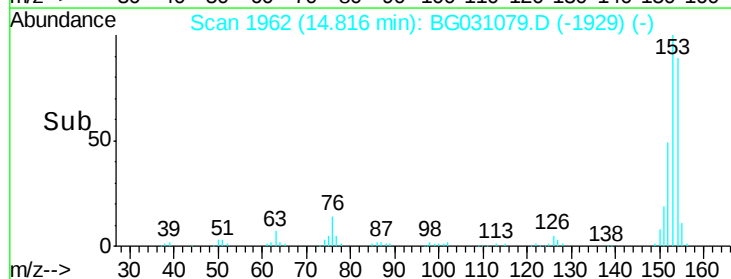
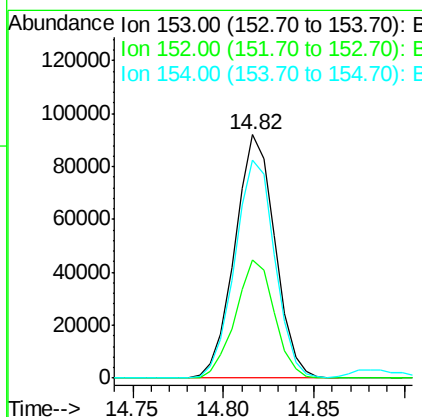
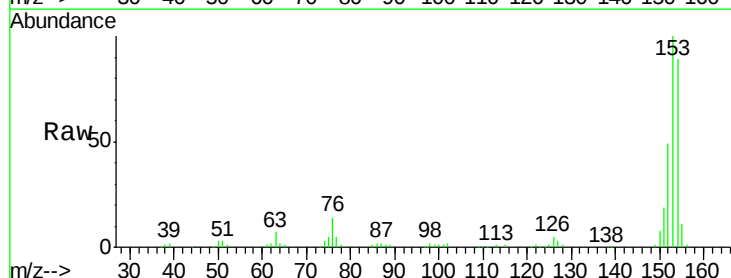
Instrument :
BNA_G
ClientSampleId :
SSTD02064

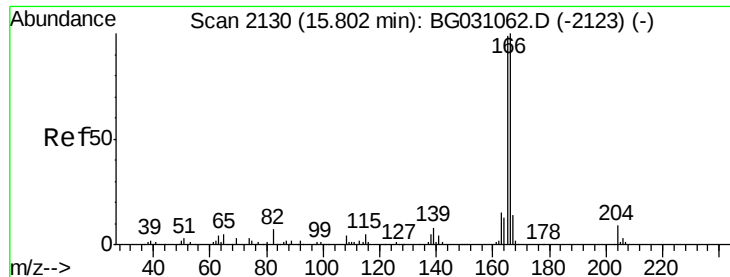
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.5	26.3
153	13.3	10.6	16.0



#9
Acenaphthene
Concen: 20.25 ng/ul
RT: 14.82 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.9	56.9
154	89.5	71.6	107.4





#11

Fluorene

Concen: 19.90 ng/ul

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SSTD02064

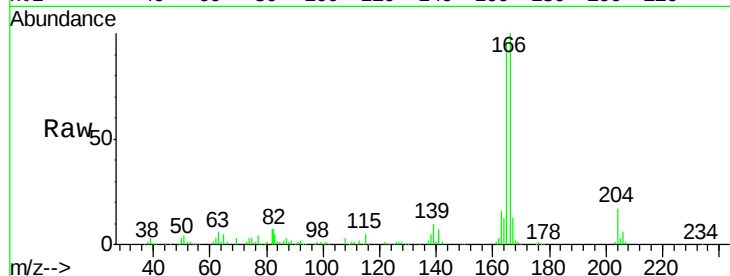
Tot Ion:166 Resp: 175896

Ion Ratio Lower Upper

166 100

165 96.1 80.0 120.0

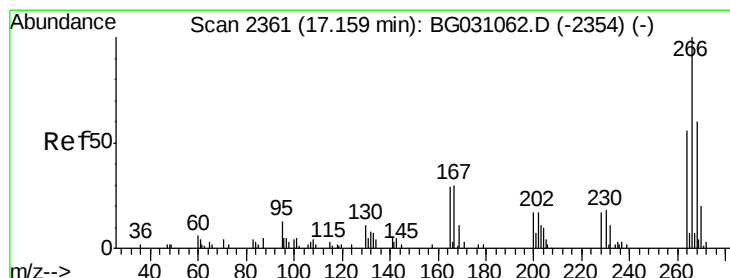
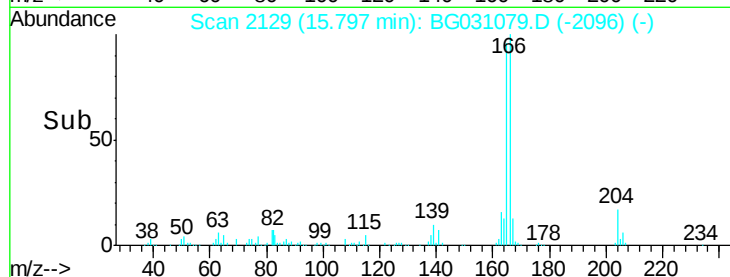
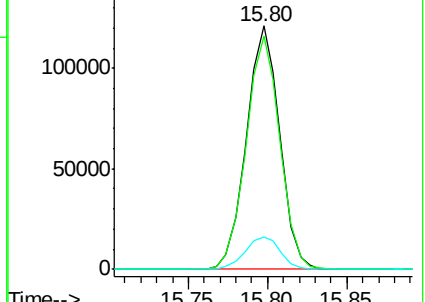
167 13.5 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 15.48 ng/uL

RT: 17.15 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

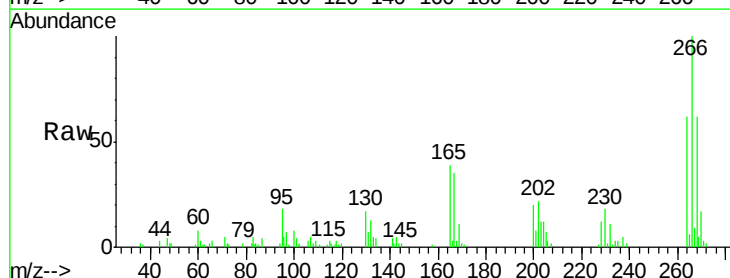
Tgt Ion:266 Resp: 28268

Ion Ratio Lower Upper

266 100

264 61.9 52.0 78.0

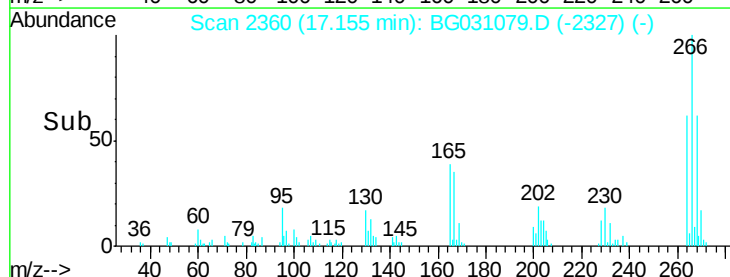
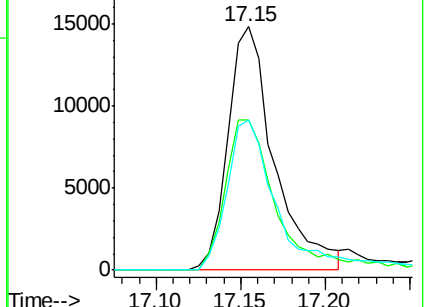
268 61.8 51.2 76.8

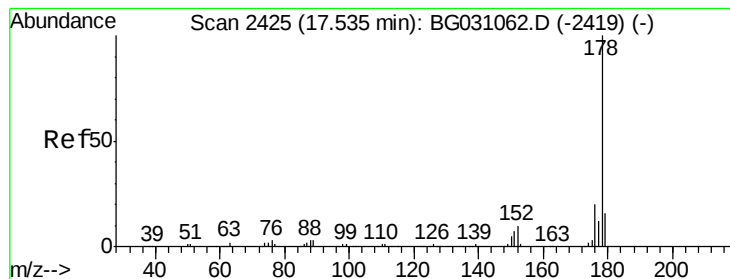


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 19.84 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SSTD02064

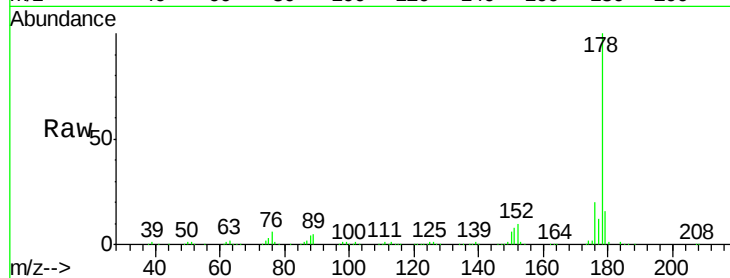
Tot Ion:178 Resp: 333303

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

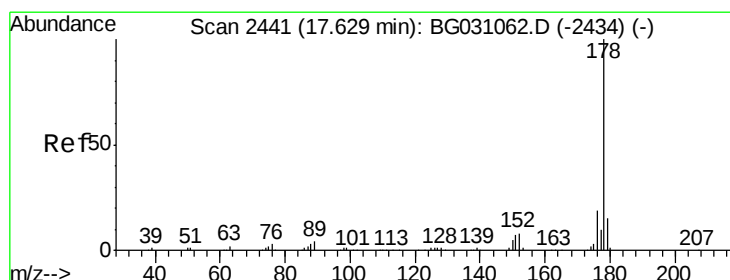
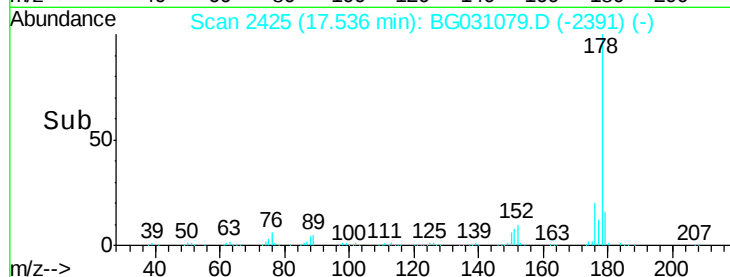
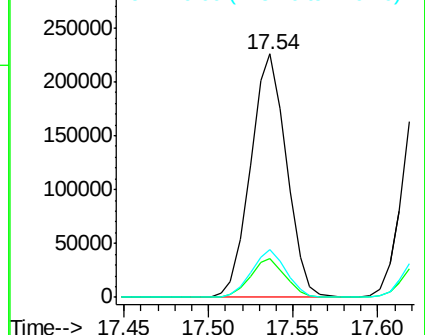
176 19.7 16.4 24.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Anthracene

Concen: 19.88 ng/ul

RT: 17.62 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

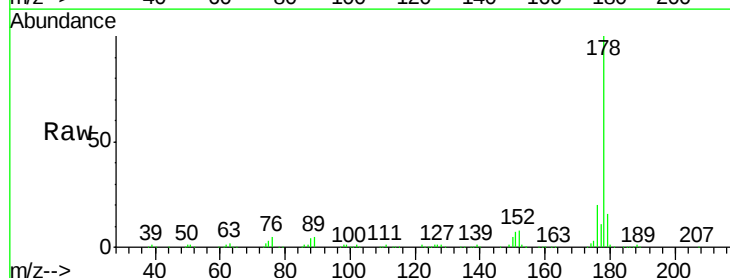
Tgt Ion:178 Resp: 339185

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

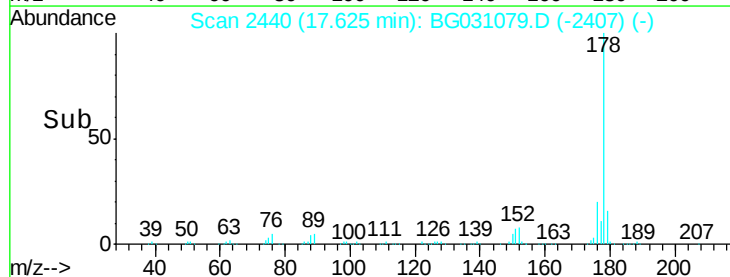
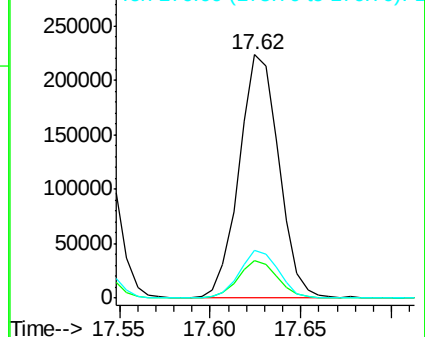
176 19.7 15.8 23.8

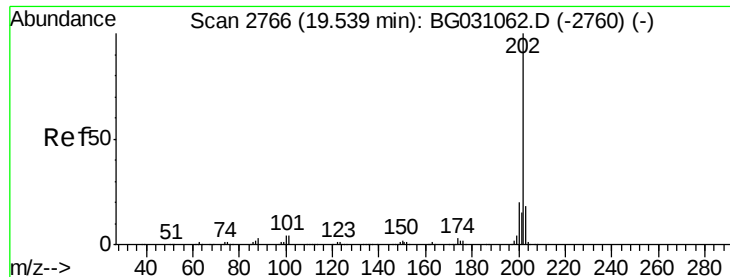


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

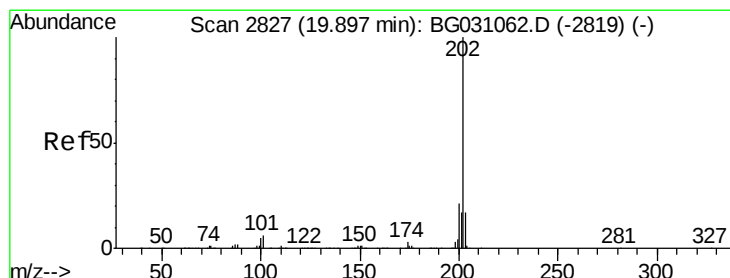
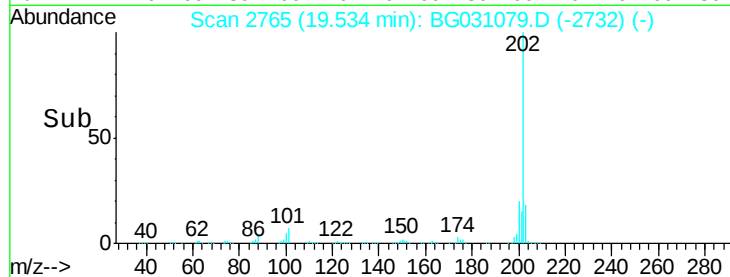
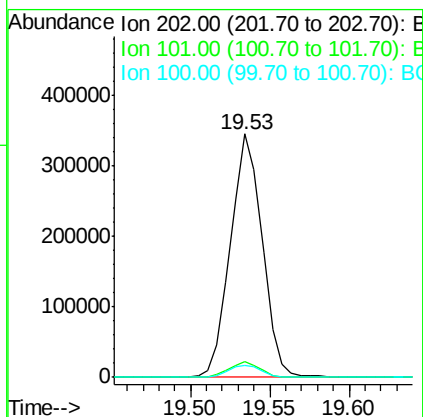
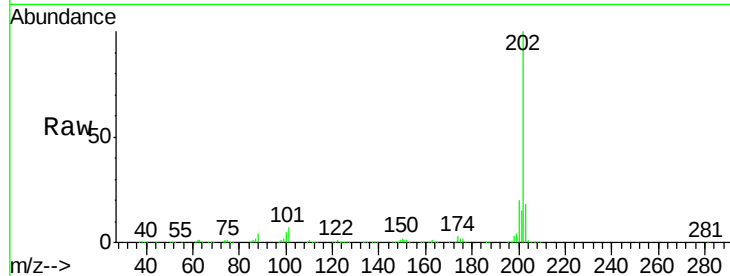




#17
Fluoranthene
 Concen: 20.59 ng/ul
 RT: 19.53 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BG031079.D
 Acq: 17 Nov 2017 12:59

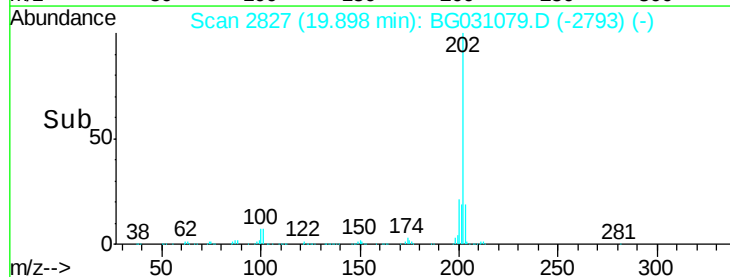
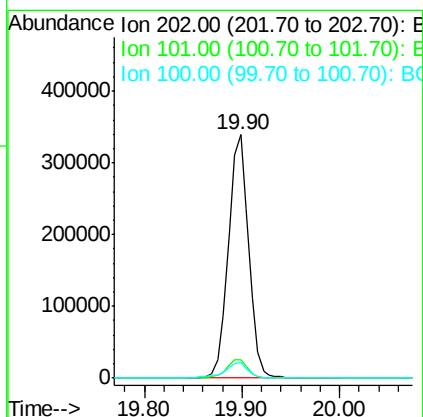
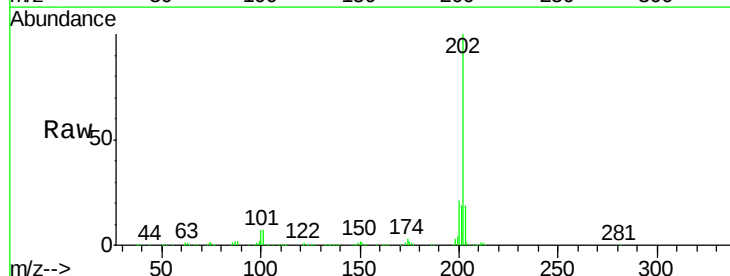
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02064

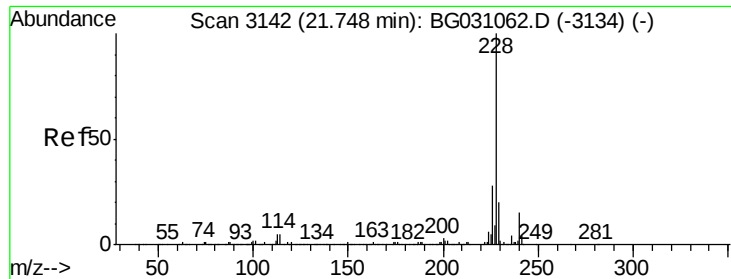
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	9.8	14.8#
100	4.7	7.5	11.3#



#20
Pyrene
 Concen: 22.39 ng/ul
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG031079.D
 Acq: 17 Nov 2017 12:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	11.2	16.8#
100	6.5	9.8	14.6#

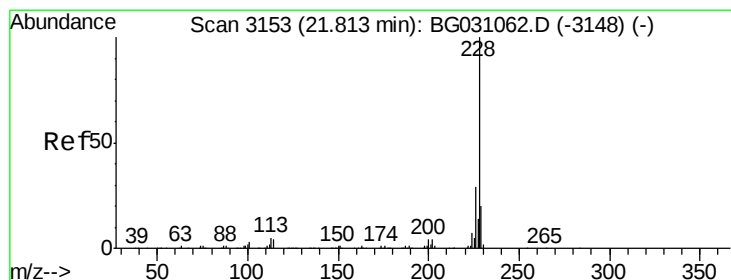
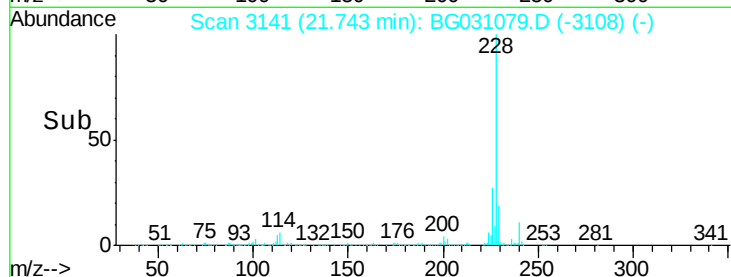
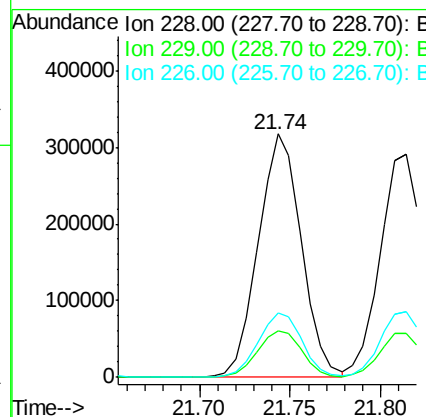
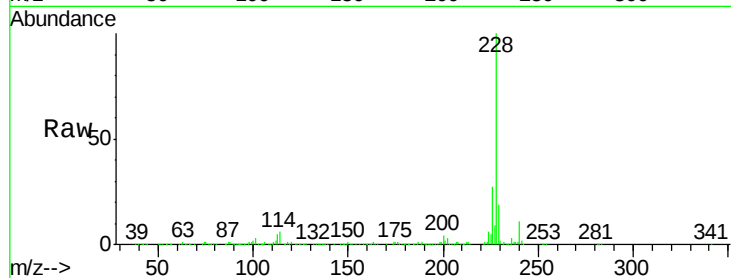




#21
Benzo(a)anthracene
Concen: 20.97 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

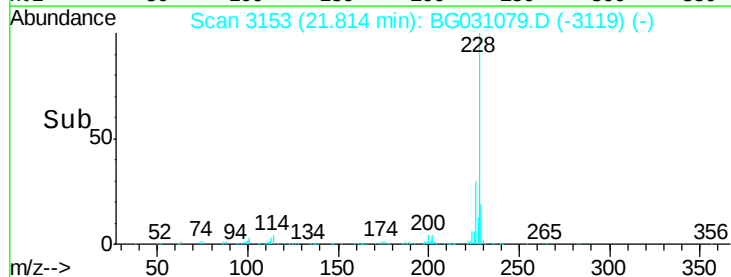
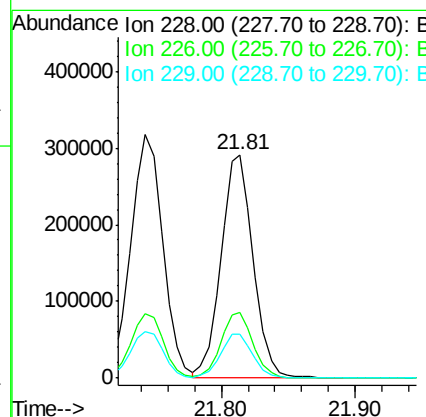
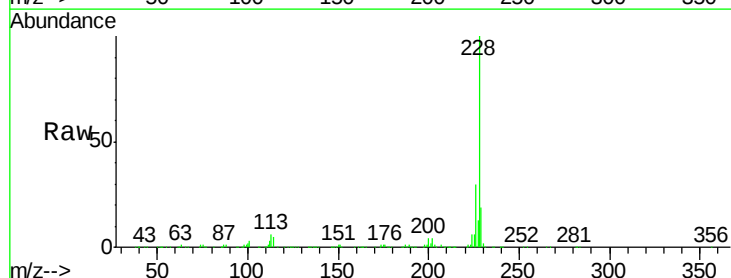
Instrument :
BNA_G
ClientSampleId :
SSTD02064

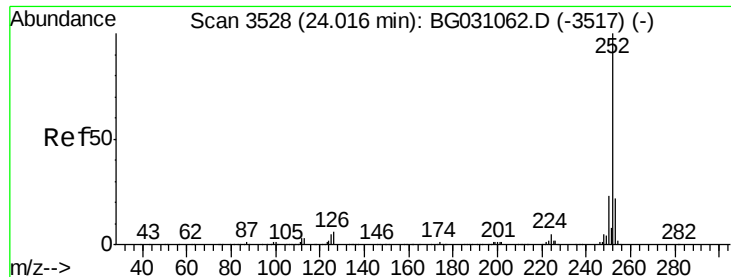
Tot Ion:228 Resp: 523569
Ion Ratio Lower Upper
228 100
229 19.3 15.9 23.9
226 26.5 22.1 33.1



#22
Chrysene
Concen: 20.64 ng/ul
RT: 21.81 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

Tgt Ion:228 Resp: 490072
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.6
229 19.4 16.6 25.0





#24

Benzo(b)fluoranthene

Concen: 20.59 ng/ul

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SSTD02064

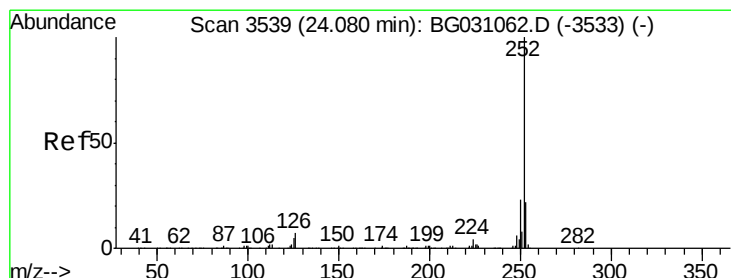
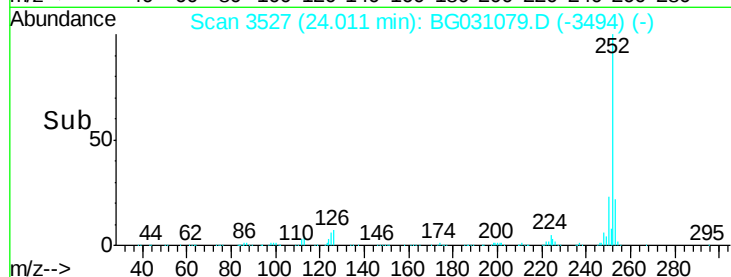
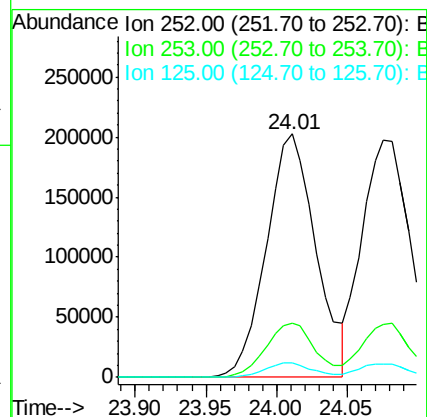
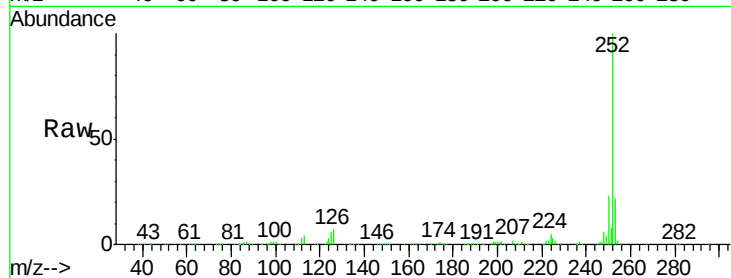
Tot Ion:252 Resp: 495687

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 5.8 9.4 14.0#



#25

Benzo(k)fluoranthene

Concen: 19.94 ng/ul

RT: 24.08 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

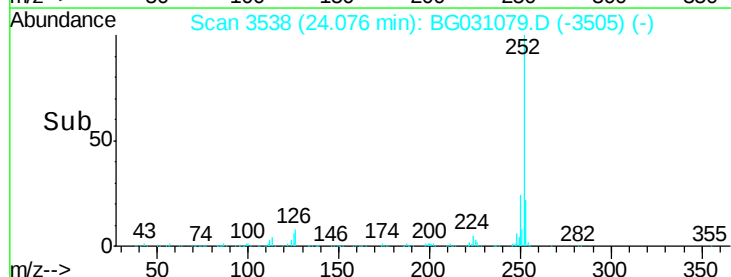
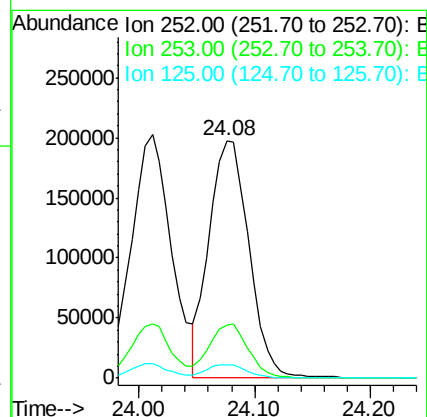
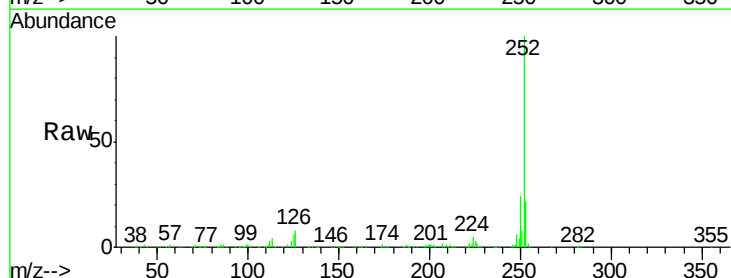
Tgt Ion:252 Resp: 473007

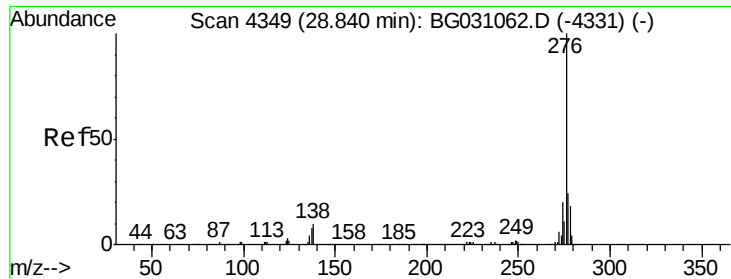
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 5.8 8.8 13.2#



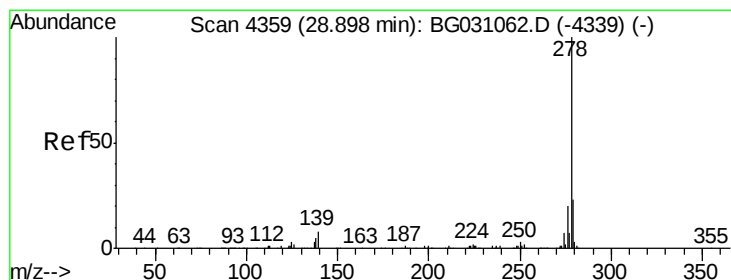
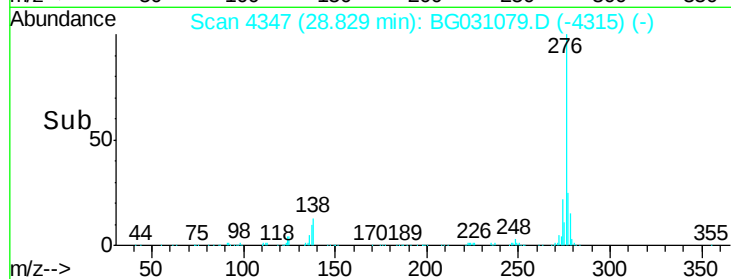
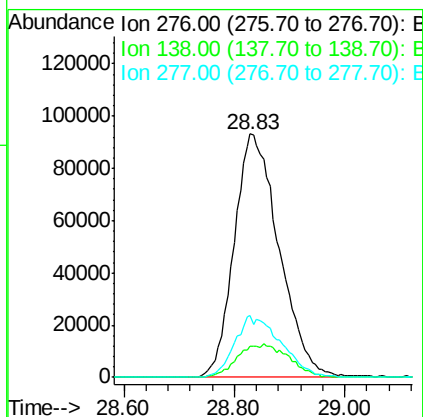
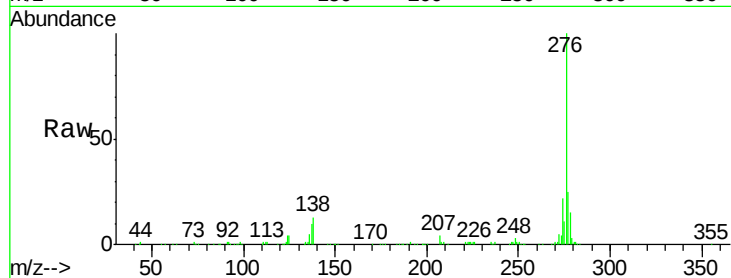


#28

Indeno(1,2,3-cd)pyrene
Concen: 19.95 ng/ul
RT: 28.83 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

Instrument :
BNA_G
ClientSampleId :
SSTD02064

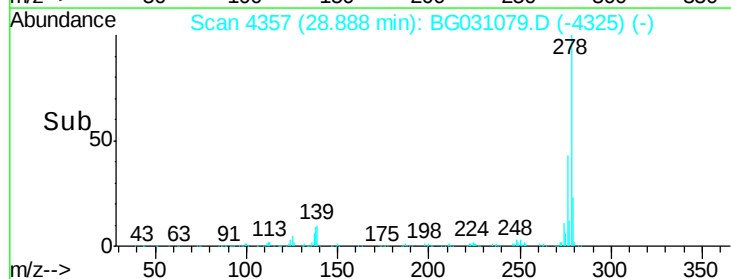
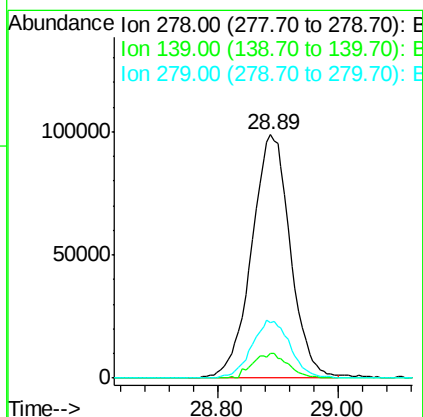
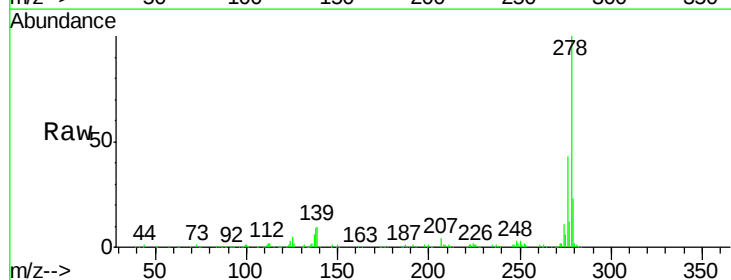
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.7	17.8	26.6#
277	25.3	19.4	29.0

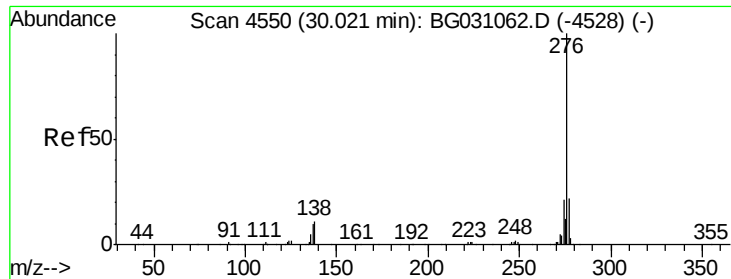


#29

Dibenzo(a,h)anthracene
Concen: 20.19 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG031079.D
Acq: 17 Nov 2017 12:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.9	14.0	21.0#
279	23.0	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 20.09 ng/ul

RT: 30.02 min Scan# 4550

Delta R.T. 0.00 min

Lab File: BG031079.D

Acq: 17 Nov 2017 12:59

Instrument :

BNA_G

ClientSampleId :

SSTD02064

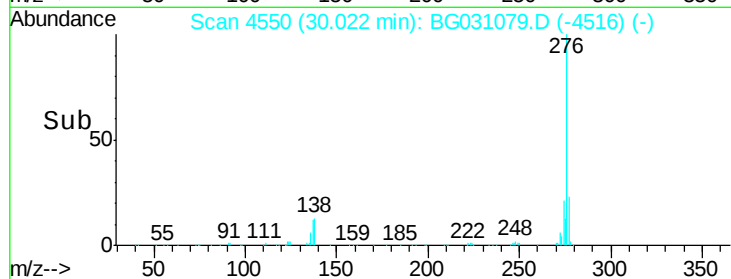
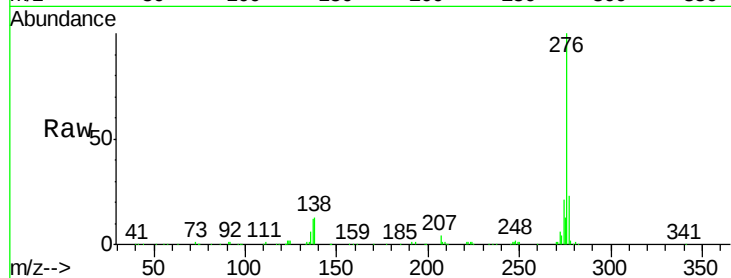
Tot Ion:276 Resp: 439947

Ion Ratio Lower Upper

276 100

138 12.5 19.0 28.4#

277 23.1 19.7 29.5



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

