

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101117\
 Data File : BG029157.D
 Acq On : 11 Oct 2017 3:21
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02075

Quant Time: Oct 11 04:17:58 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:16:53 2017
 Response via : Initial Calibration

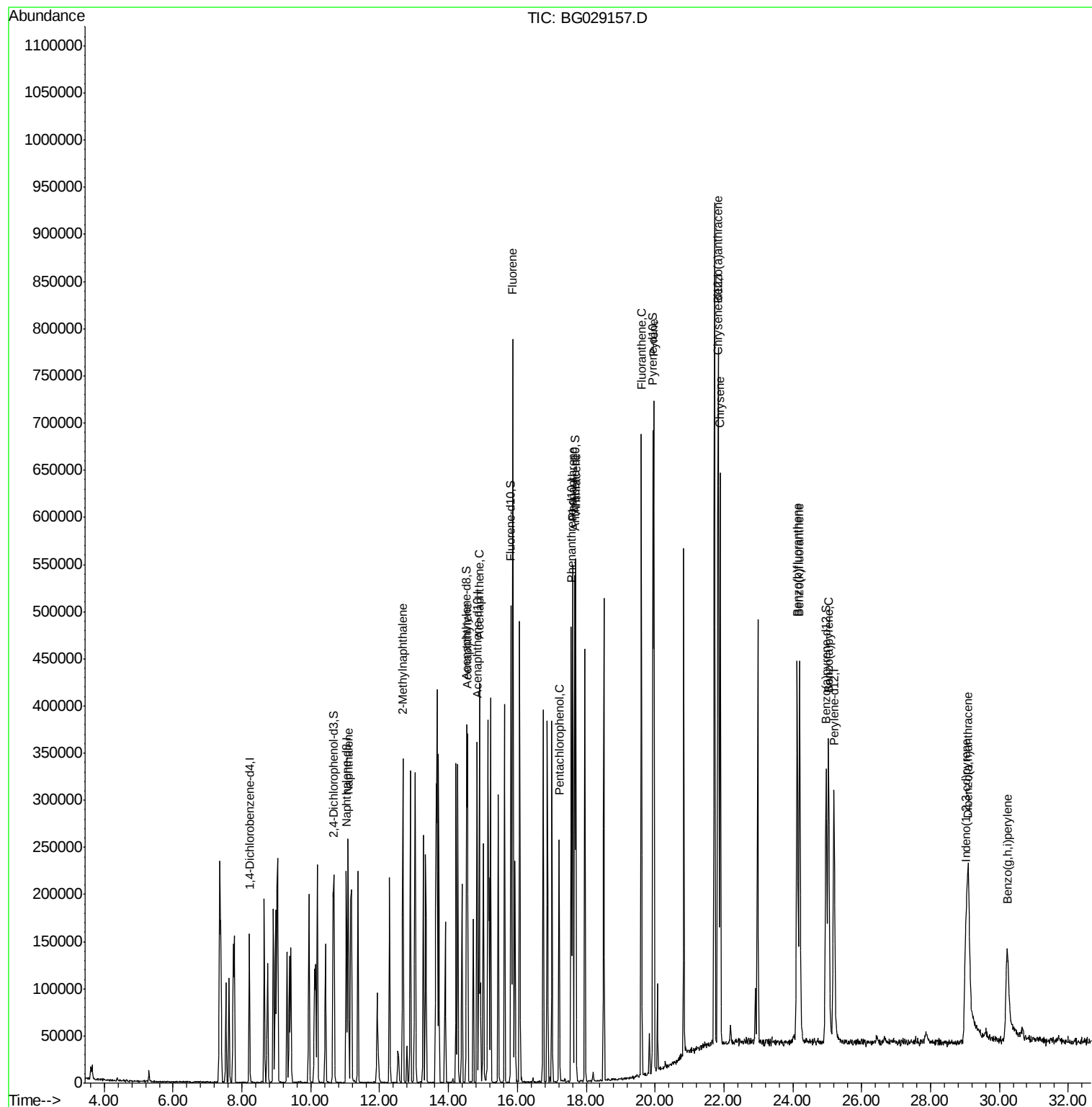
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	43213	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	184487	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	127092	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	302665	20.00	ng/ul	0.00
18) Chrysene-d12	21.85	240	328964	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	326070	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	75103	21.30	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	278394	21.85	ng/ul	0.00
10) Fluorene-d10	15.82	176	218405	21.85	ng/ul	0.00
15) Anthracene-d10	17.67	188	320802	21.44	ng/ul	0.00
19) Pyrene-d10	19.93	212	385878	22.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	354584	21.74	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.09	128	206837	21.329	ng/ul	98
5) 2-Methylnaphthalene	12.67	142	163327	22.015	ng/ul	97
8) Acenaphthylene	14.55	152	263992	21.707	ng/ul	100
9) Acenaphthene	14.89	153	185690	21.666	ng/ul	99
11) Fluorene	15.87	166	215992	21.871	ng/ul	96
13) Pentachlorophenol	17.21	266	50502	20.074	ng/ul	98
14) Phenanthrene	17.61	178	349395	21.312	ng/ul	99
16) Anthracene	17.70	178	363169	21.609	ng/ul	99
17) Fluoranthene	19.60	202	437361	22.671	ng/ul	99
20) Pyrene	19.96	202	448824	22.503	ng/ul	98
21) Benzo(a)anthracene	21.83	228	449949	22.449	ng/ul	98
22) Chrysene	21.90	228	402946	22.273	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	437149	21.757	ng/ul	99
25) Benzo(k)fluoranthene	24.20	252	431533	21.803	ng/ul	97
27) Benzo(a)pyrene	25.04	252	421492	21.495	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	29.04	276	410350	21.955	ng/ul	94
29) Dibenzo(a,h)anthracene	29.10	278	343469	20.707	ng/ul#	92
30) Benzo(g,h,i)perylene	30.24	276	270561	20.761	ng/ul	99

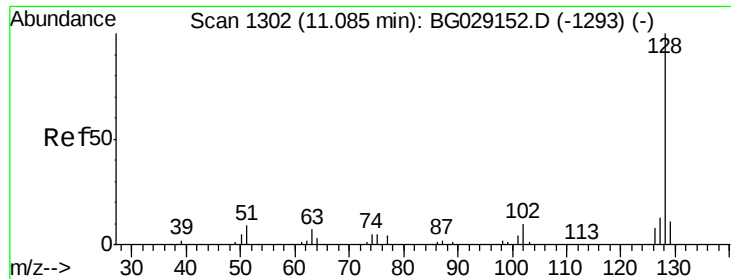
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101117\
Data File : BG029157.D
Acq On : 11 Oct 2017 3:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
SSTD02075

Quant Time: Oct 11 04:17:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:16:53 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 21.329 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

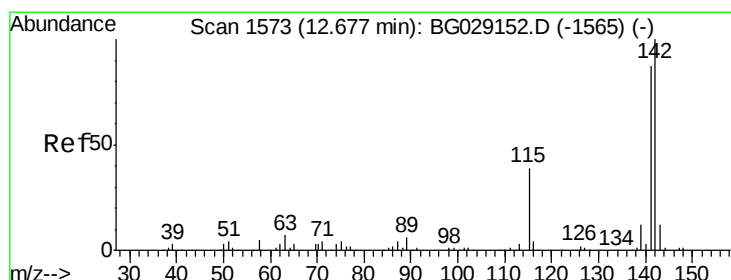
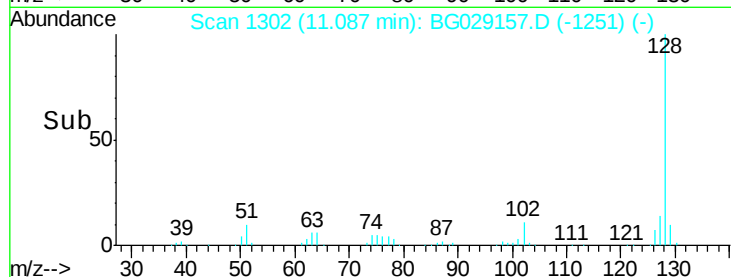
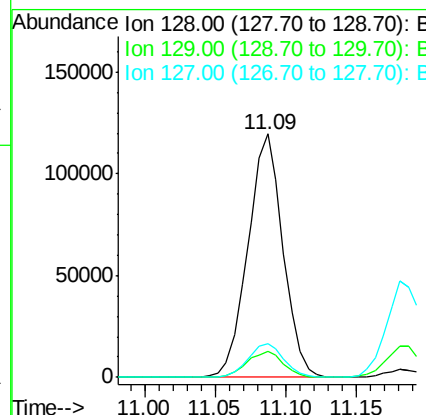
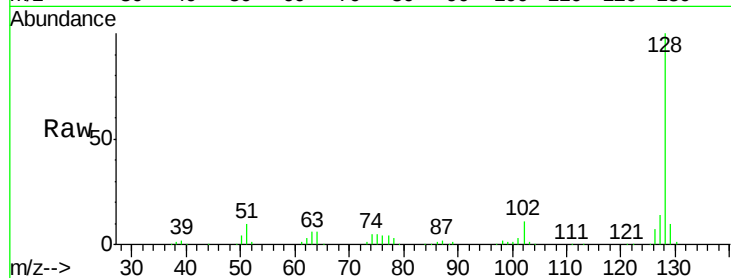
Instrument :

BNA_G

ClientSampleId :

SSTD02075

Tgt Ion:	128	Resp:	206837
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	13.7	10.6	15.8



#5

2-Methylnaphthalene

Concen: 22.015 ng/ul

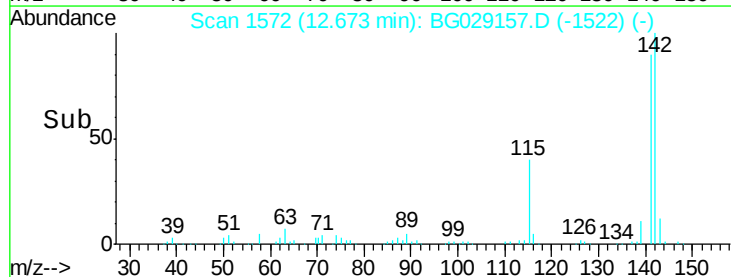
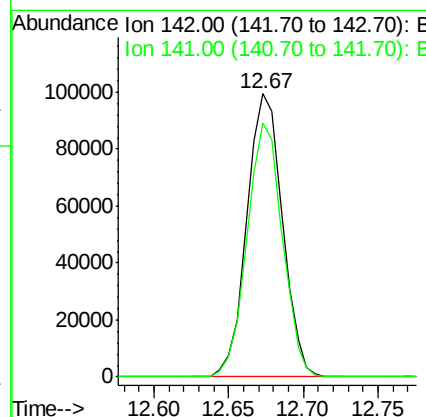
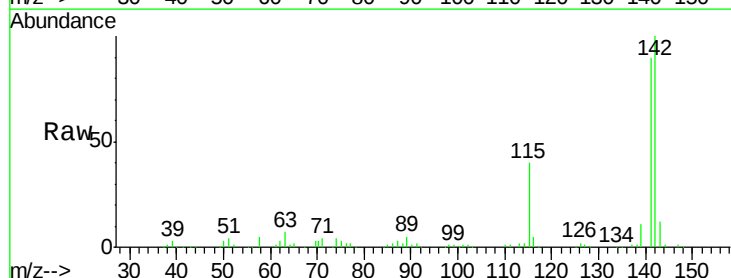
RT: 12.67 min Scan# 1572

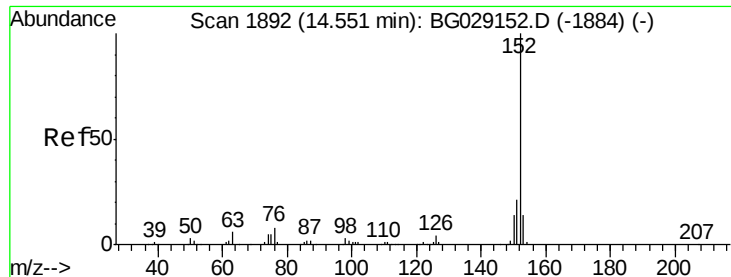
Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Tgt Ion:	142	Resp:	163327
Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.8	104.8





#8

Acenaphthylene

Concen: 21.707 ng/ul

RT: 14.55 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

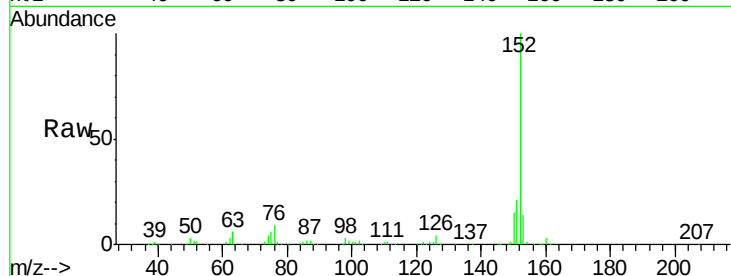
Tgt Ion:152 Resp: 263992

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

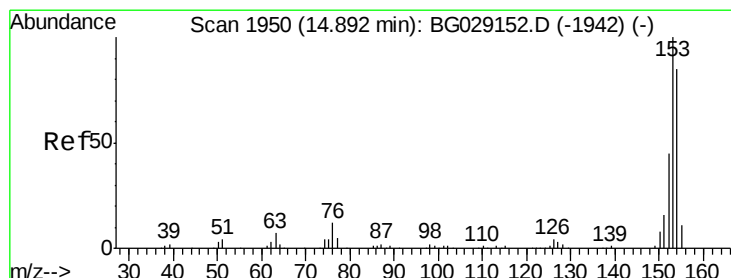
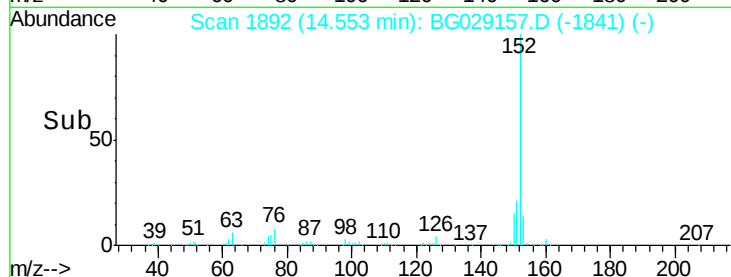
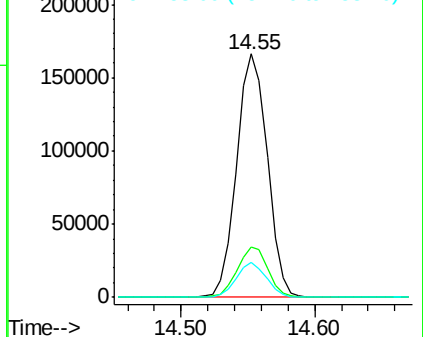
153 14.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 21.666 ng/ul

RT: 14.89 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

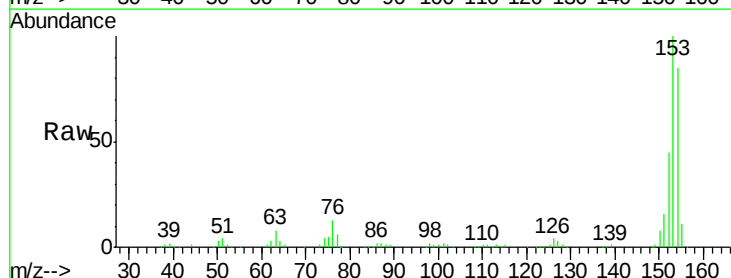
Tgt Ion:153 Resp: 185690

Ion Ratio Lower Upper

153 100

152 44.5 36.2 54.4

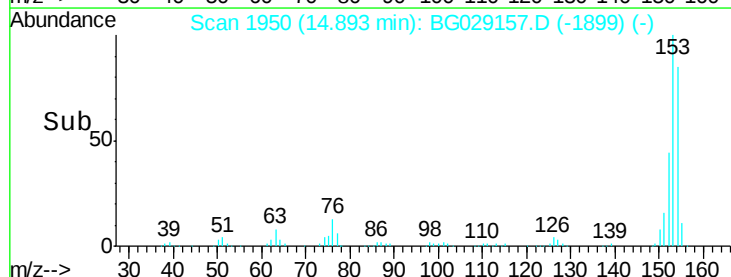
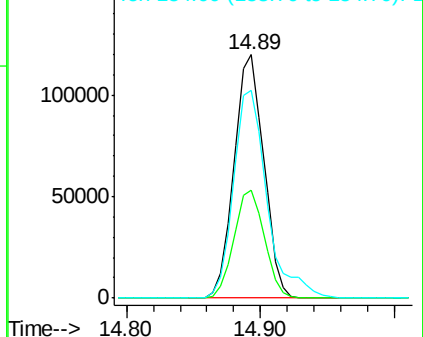
154 85.3 68.4 102.6

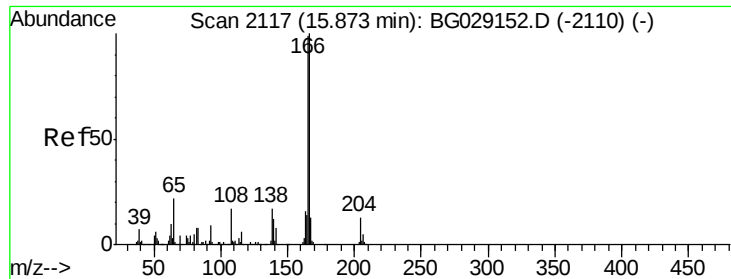


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 21.871 ng/ul

RT: 15.87 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

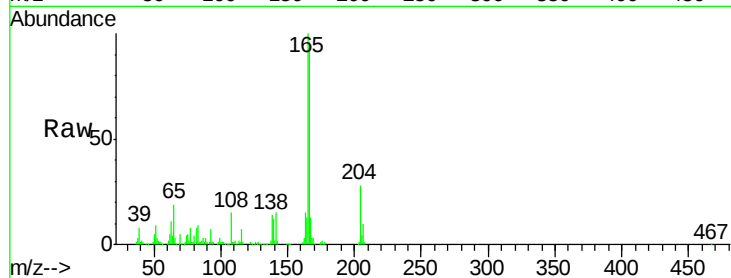
Tgt Ion:166 Resp: 215992

Ion Ratio Lower Upper

166 100

165 103.8 79.4 119.0

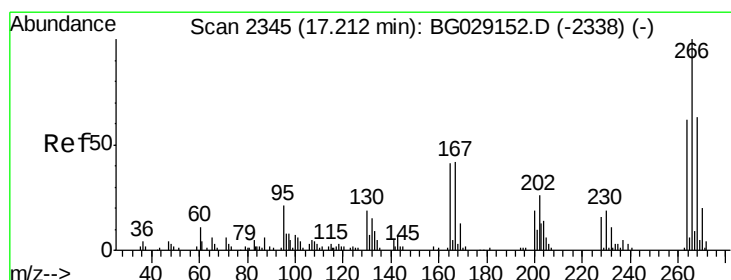
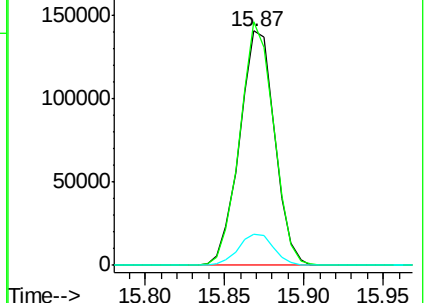
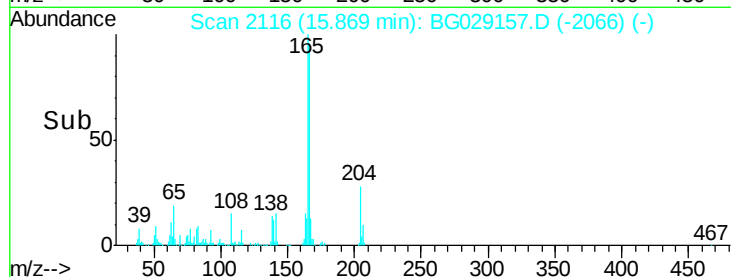
167 13.4 10.2 15.4



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: 20.074 ng/ul

RT: 17.21 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

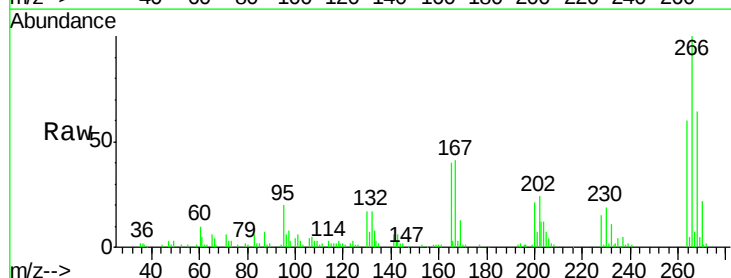
Tgt Ion:266 Resp: 50502

Ion Ratio Lower Upper

266 100

264 60.3 49.8 74.8

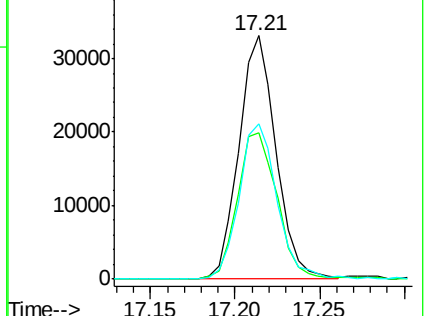
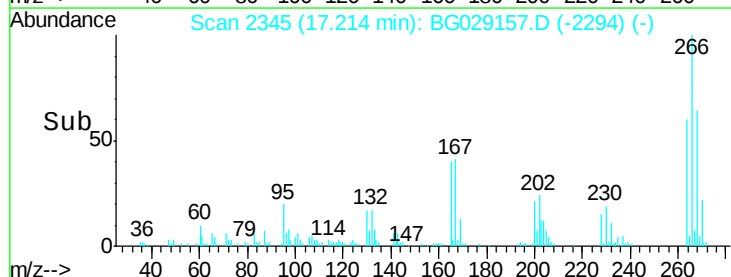
268 63.7 50.0 75.0

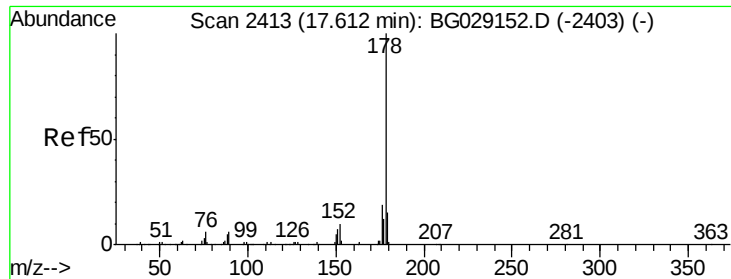


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 21.312 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

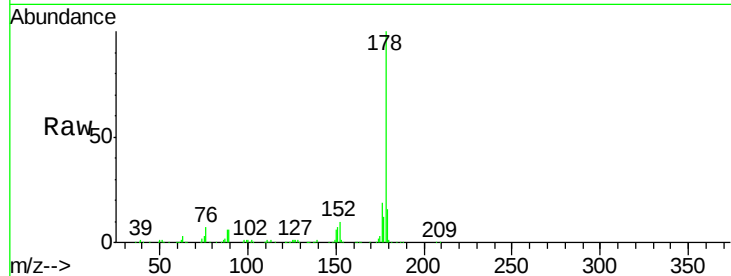
Tgt Ion:178 Resp: 349395

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

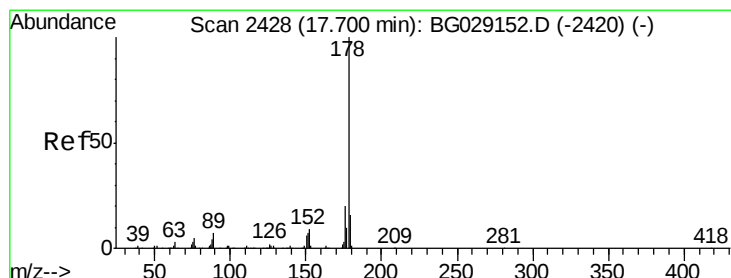
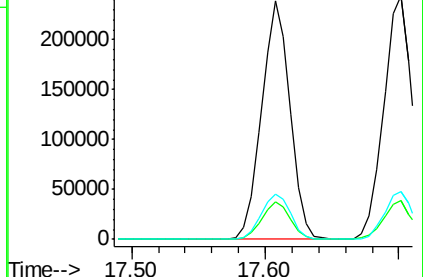
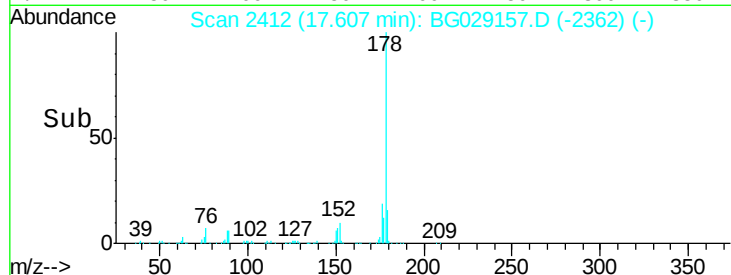
176 19.2 15.0 22.6



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: 21.609 ng/ul

RT: 17.70 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

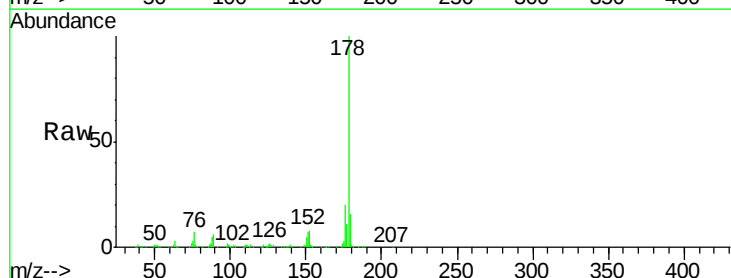
Tgt Ion:178 Resp: 363169

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

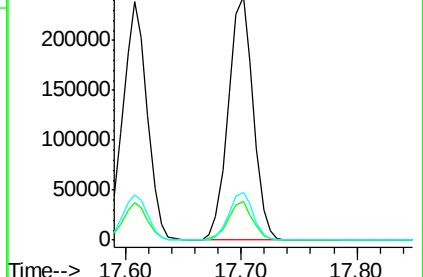
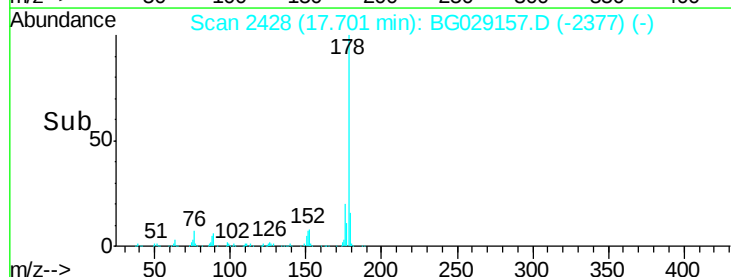
176 19.9 15.7 23.5

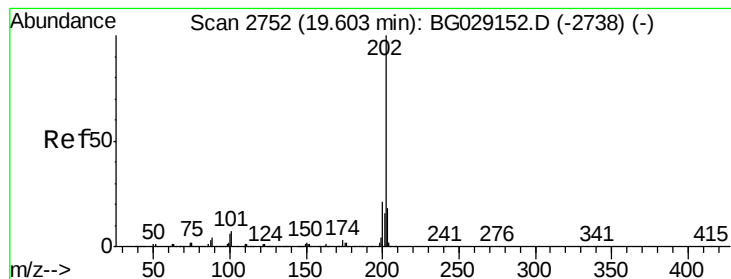


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 22.671 ng/ul

RT: 19.60 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

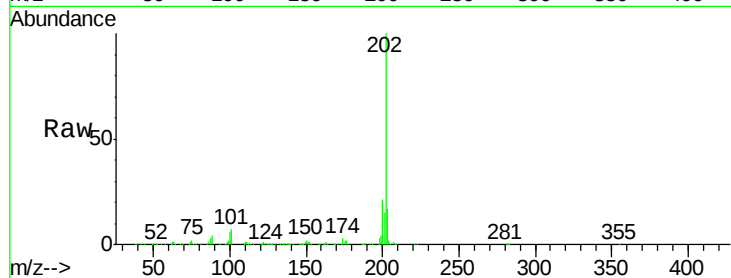
Tgt Ion:202 Resp: 437361

Ion Ratio Lower Upper

202 100

101 7.2 5.6 8.4

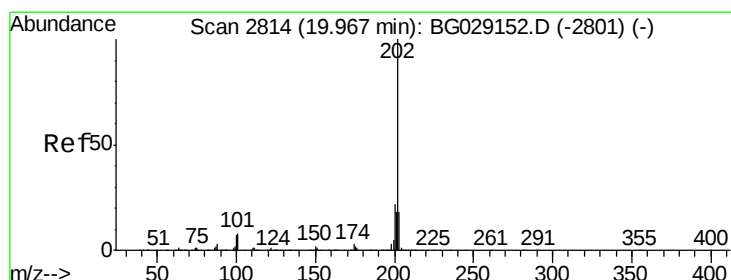
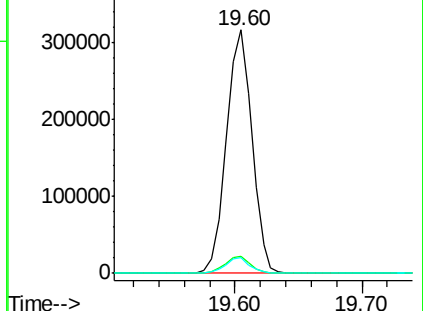
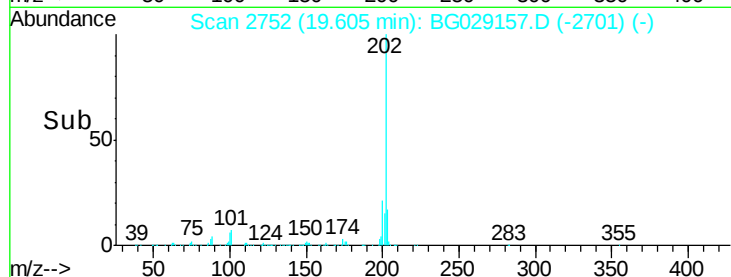
100 6.2 4.7 7.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 22.503 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

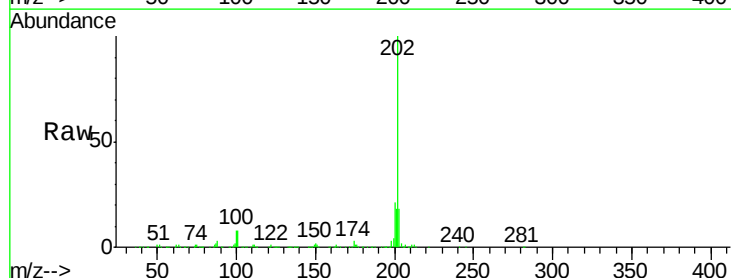
Tgt Ion:202 Resp: 448824

Ion Ratio Lower Upper

202 100

101 8.1 6.5 9.7

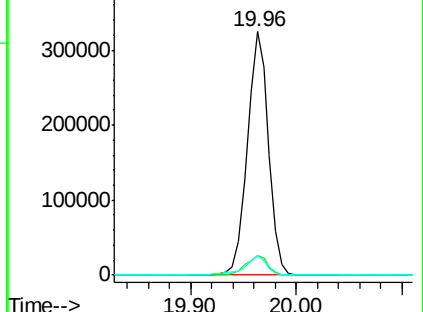
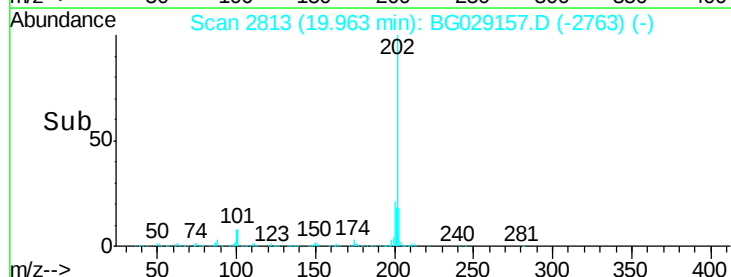
100 8.0 5.5 8.3

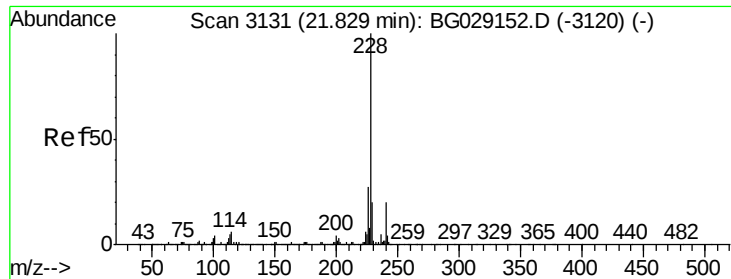


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

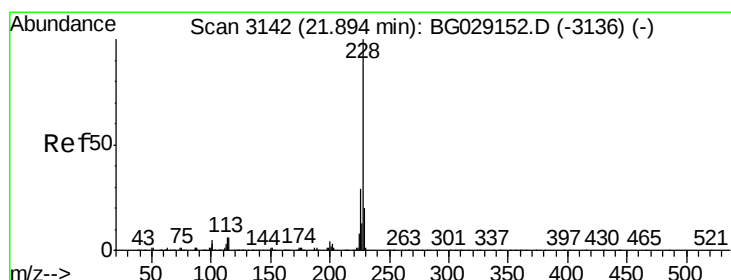
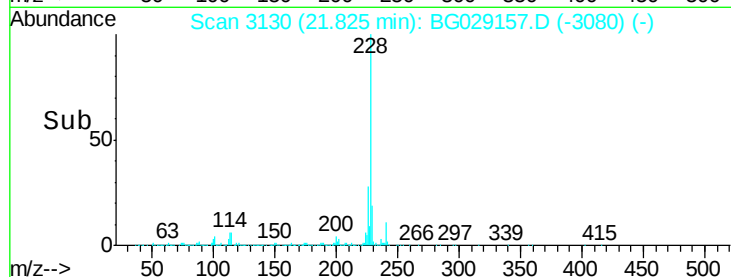
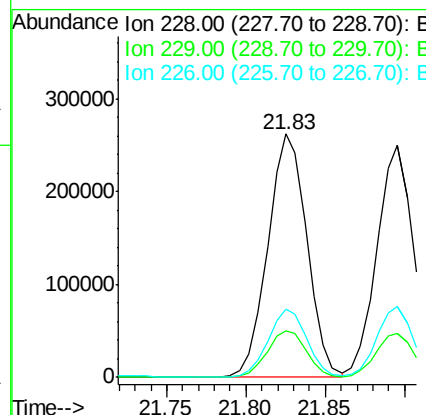
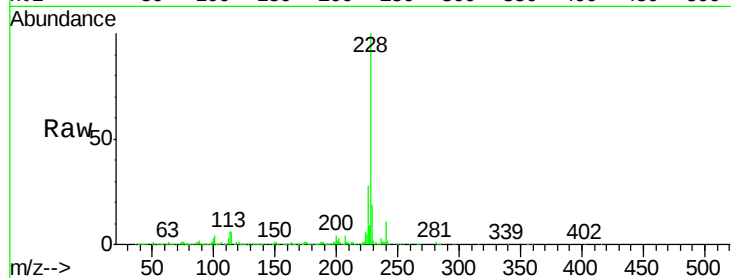




#21
Benzo(a)anthracene
Concen: 22.449 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029157.D
Acq: 11 Oct 2017 3:21

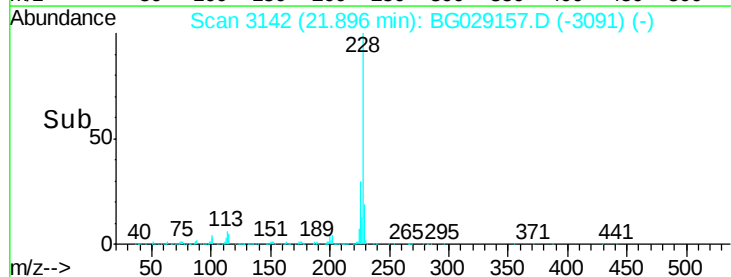
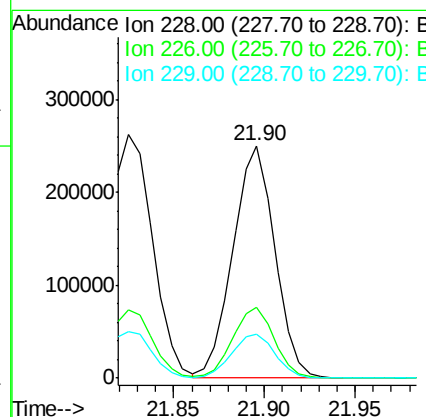
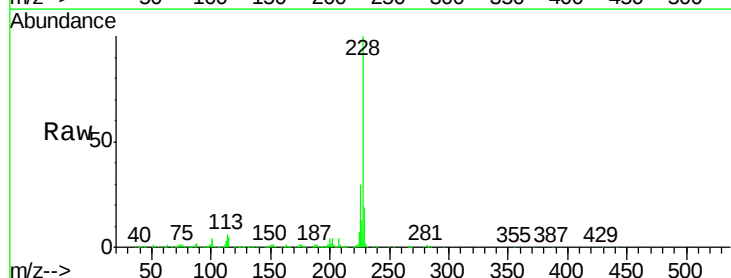
Instrument :
BNA_G
ClientSampleId :
SSTD02075

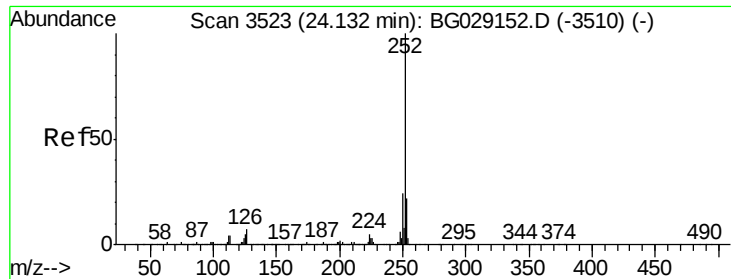
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.8
226	28.1	21.6	32.4



#22
Chrysene
Concen: 22.273 ng/ul
RT: 21.90 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG029157.D
Acq: 11 Oct 2017 3:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	18.8	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 21.757 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

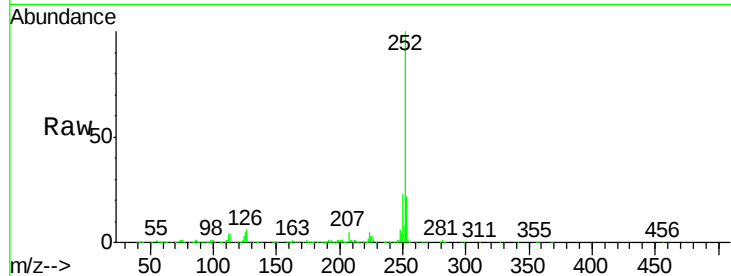
Tgt Ion:252 Resp: 437149

Ion Ratio Lower Upper

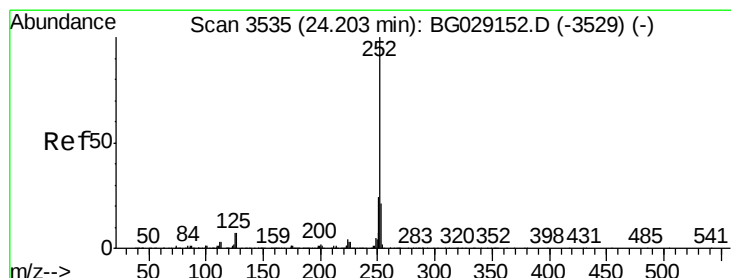
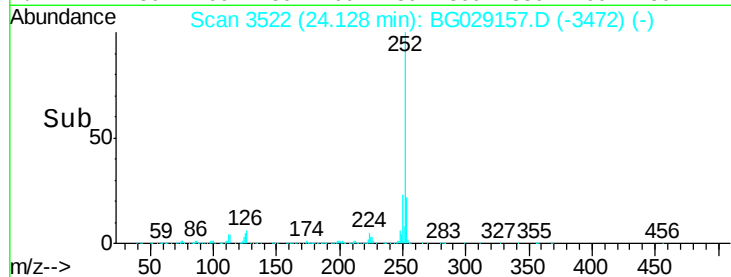
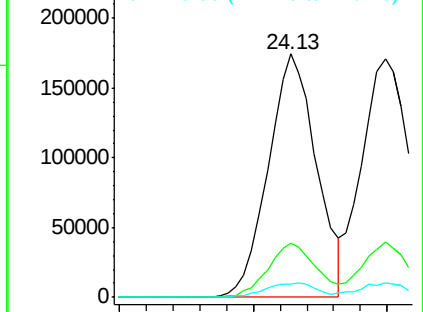
252 100

253 22.3 17.6 26.4

125 5.3 4.5 6.7



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



#25

Benzo(k)fluoranthene

Concen: 21.803 ng/ul

RT: 24.20 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

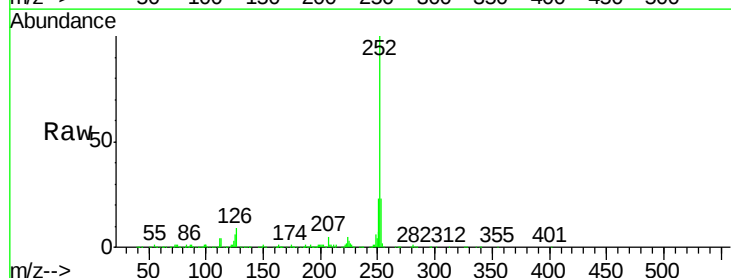
Tgt Ion:252 Resp: 431533

Ion Ratio Lower Upper

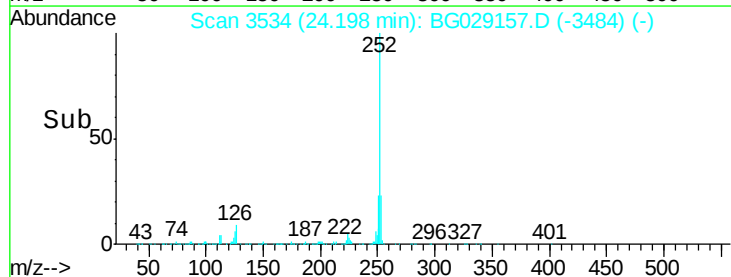
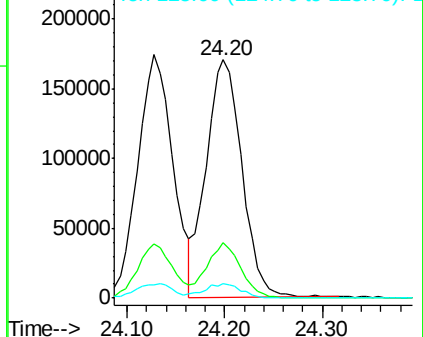
252 100

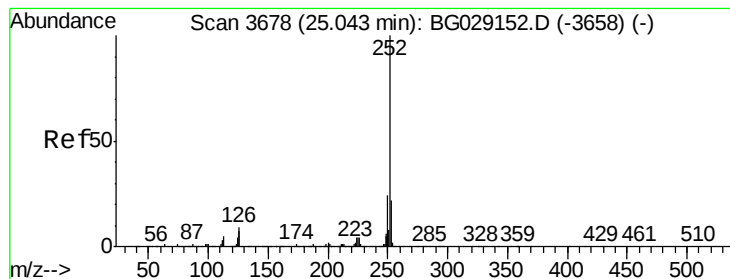
253 23.1 16.8 25.2

125 6.3 5.1 7.7



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





#27

Benzo(a)pyrene

Concen: 21.495 ng/ul

RT: 25.04 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

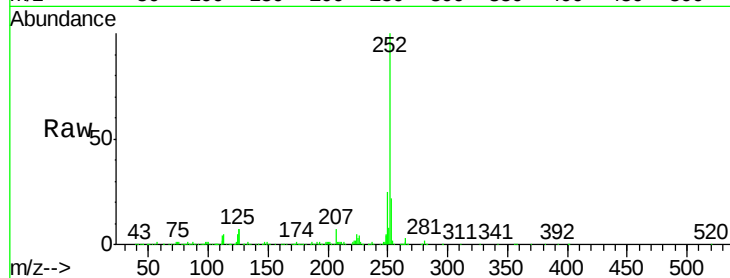
Tgt Ion:252 Resp: 421492

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

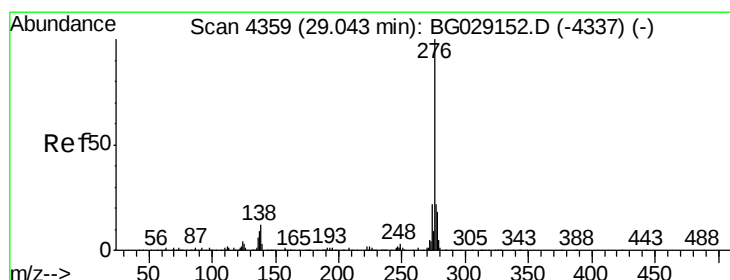
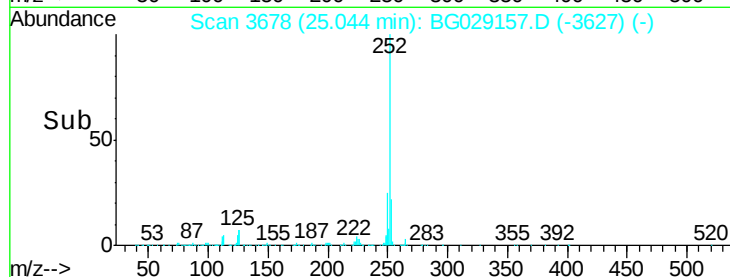
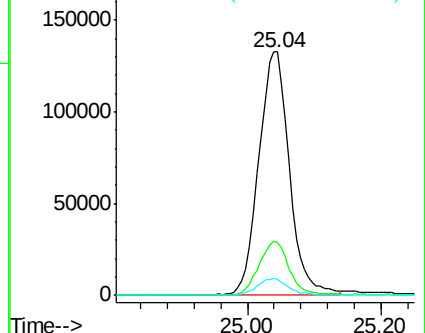
125 6.6 5.4 8.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 21.955 ng/ul

RT: 29.04 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

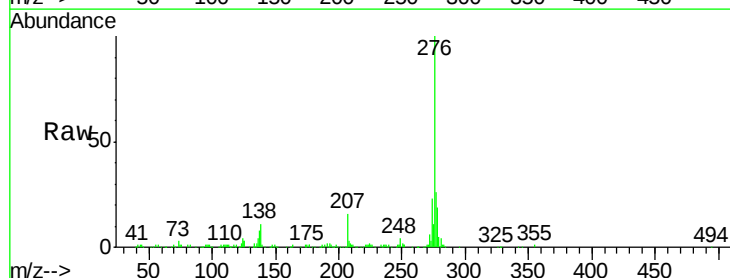
Tgt Ion:276 Resp: 410350

Ion Ratio Lower Upper

276 100

138 10.8 9.5 14.3

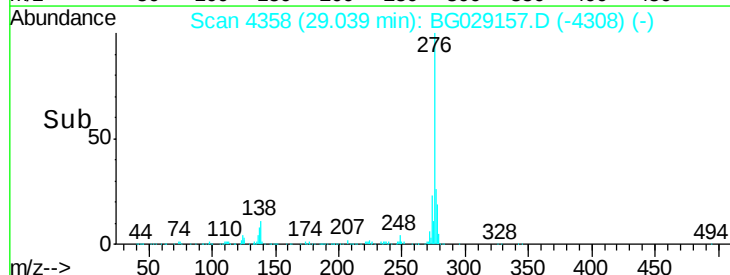
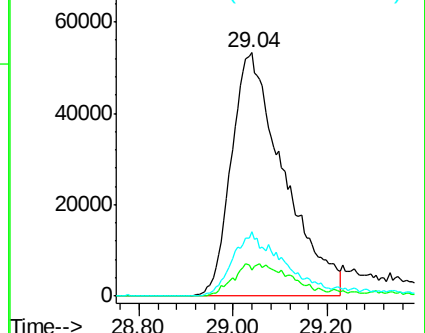
277 26.5 18.1 27.1

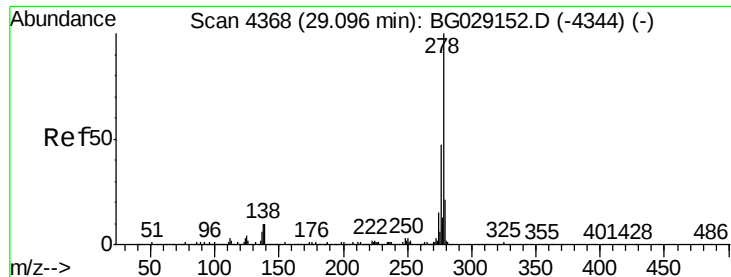


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 20.707 ng/ul

RT: 29.10 min Scan# 4368

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SSTD02075

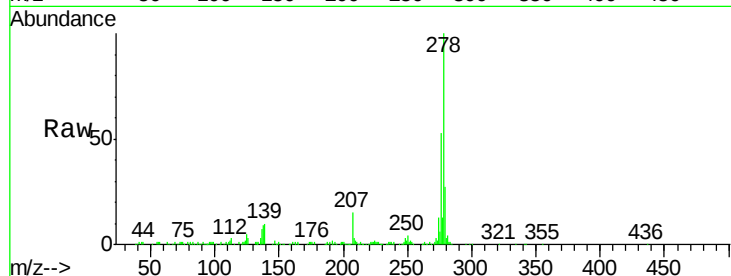
Tgt Ion:278 Resp: 343469

Ion Ratio Lower Upper

278 100

139 10.1 8.3 12.5

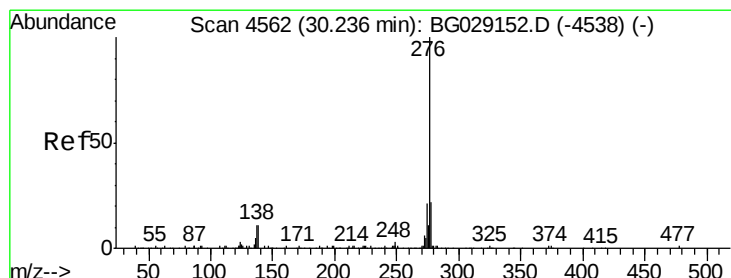
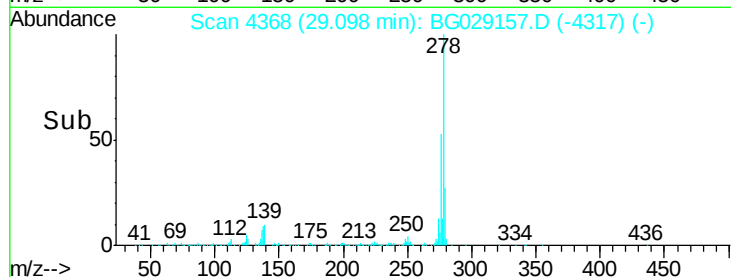
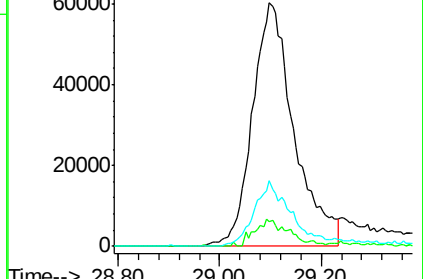
279 26.8 17.1 25.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 20.761 ng/ul

RT: 30.24 min Scan# 4562

Delta R.T. 0.00 min

Lab File: BG029157.D

Acq: 11 Oct 2017 3:21

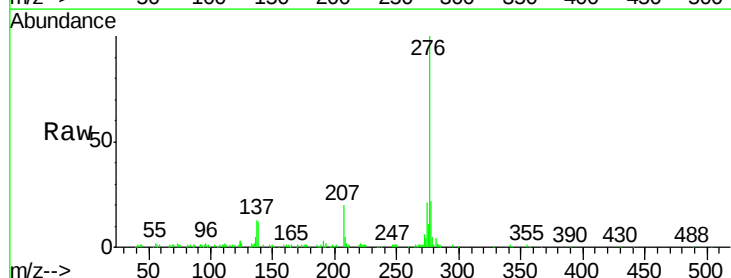
Tgt Ion:276 Resp: 270561

Ion Ratio Lower Upper

276 100

138 12.1 9.3 13.9

277 22.0 17.9 26.9



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

