Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101117\
Data File : BG029154.D
Acq On : 11 Oct 2017 1:21
Operator : SJ/JU
Sample : SSTD08072
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08072

Quant Time: Oct 11 04:04:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:00:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	47634	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	199123	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	138529	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	325028	20.00	ng/ul	0.00
18) Chrysene-d12	21.85	240	362348	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	352385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	308323	84.72	ng/ul	0.00
7) Acenaphthylene-d8	14.53	160	1073480	75.84	ng/ul	0.00
10) Fluorene-d10	15.82	176	838062	74.59	ng/ul	0.00
15) Anthracene-d10	17.67	188	1230975	76.85	ng/ul	0.00
19) Pyrene-d10	19.94	212	1452424	76.48	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.99	264	1412278	82.89	ng/ul	0.02
Target Compounds						Qvalue
4) Naphthalene	11.09	128	822518	80.980	ng/ul	99
5) 2-Methylnaphthalene	12.68	142	624700	77.384	ng/ul	96
8) Acenaphthylene	14.56	152	1006989	74.404	ng/ul	97
9) Acenaphthene	14.90	153	728807	79.232	ng/ul	97
11) Fluorene	15.87	166	819335	70.264	ng/ul	99
13) Pentachlorophenol	17.22	266	226175	106.249	ng/ul	99
14) Phenanthrene	17.61	178	1341585	79.478	ng/ul	96
16) Anthracene	17.71	178	1361282	78.360	ng/ul	97
17) Fluoranthene	19.61	202	1633155	79.821	ng/ul	99
20) Pyrene	19.97	202	1634853	73.835	ng/ul	96
21) Benzo(a)anthracene	21.83	228	1676786	77.334	ng/ul	96
22) Chrysene	21.90	228	1518587	77.910	ng/ul	95
24) Benzo(b)fluoranthene	24.15	252	1700636	78.171	ng/ul	98
25) Benzo(k)fluoranthene	24.22	252	1697294	80.543	ng/ul	96
27) Benzo(a)pyrene	25.06	252	1660223	79.219	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	29.06	276	1754035	74.212	ng/ul	96
29) Dibenzo(a,h)anthracene	29.12	278	1516010	75.981	ng/ul	96
30) Benzo(g,h,i)perylene	30.26	276	1206079	63.771	ng/ul	98

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

Quantitation Report (Not Reviewed)

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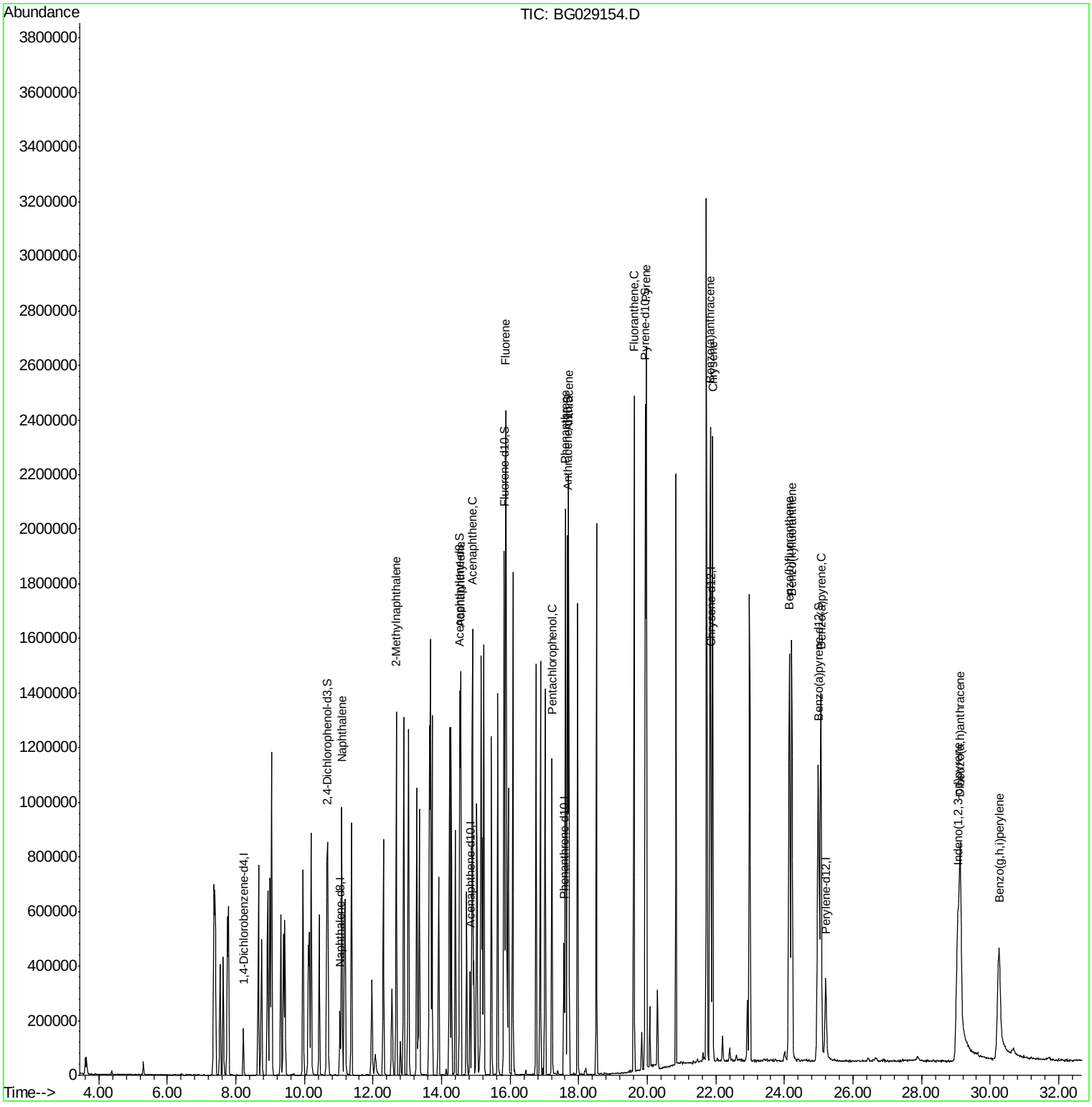
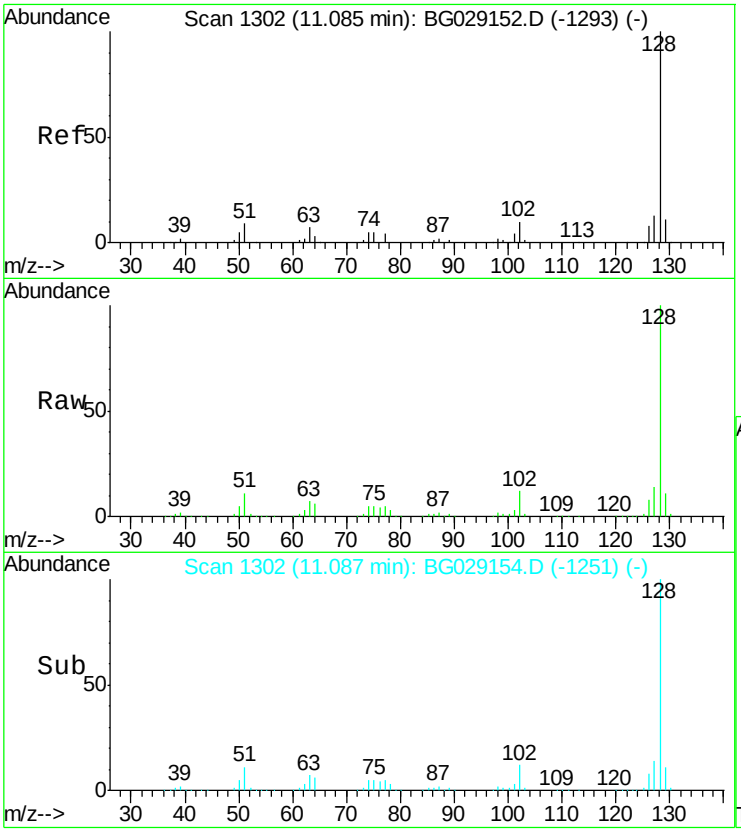


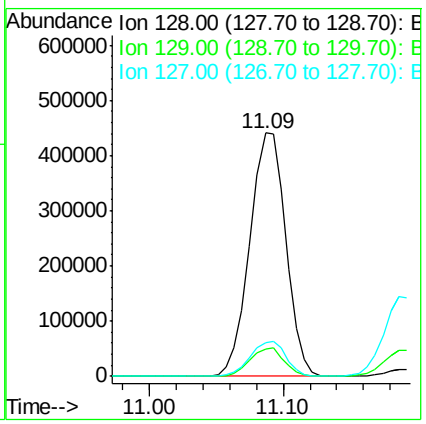


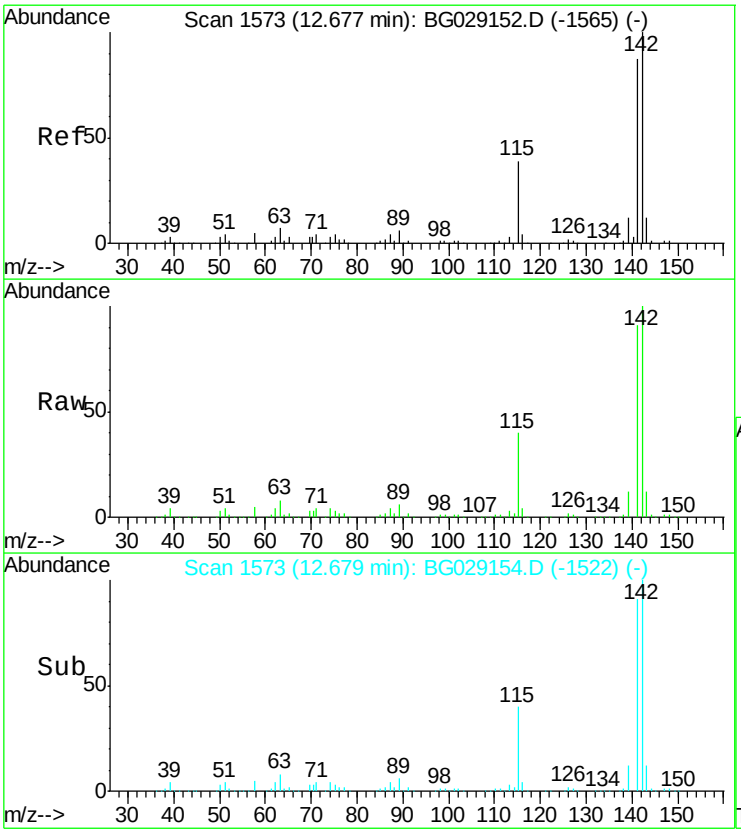
#4
Naphthalene
Concen: 80.980 ng/ul
RT: 11.09 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:128 Resp: 822518

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	14.1	10.6	15.8

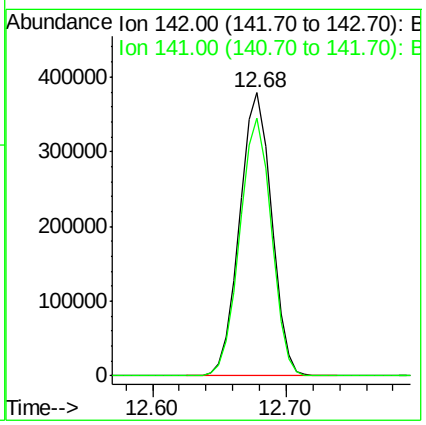


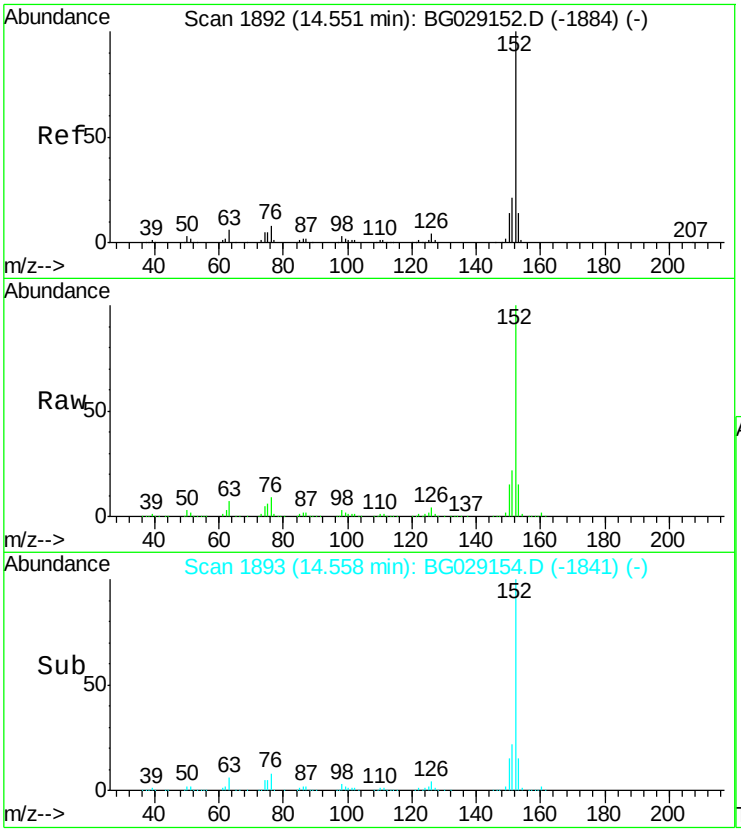


#5
2-Methylnaphthalene
Concen: 77.384 ng/ul
RT: 12.68 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:142 Resp: 624700

Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.8	104.8



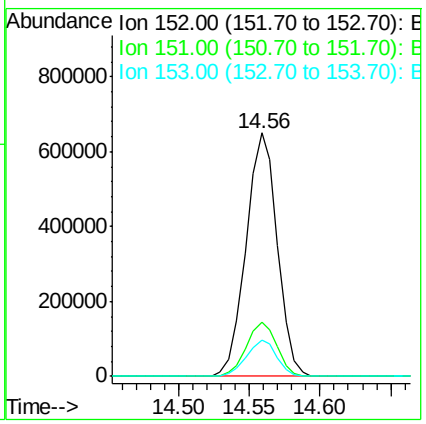


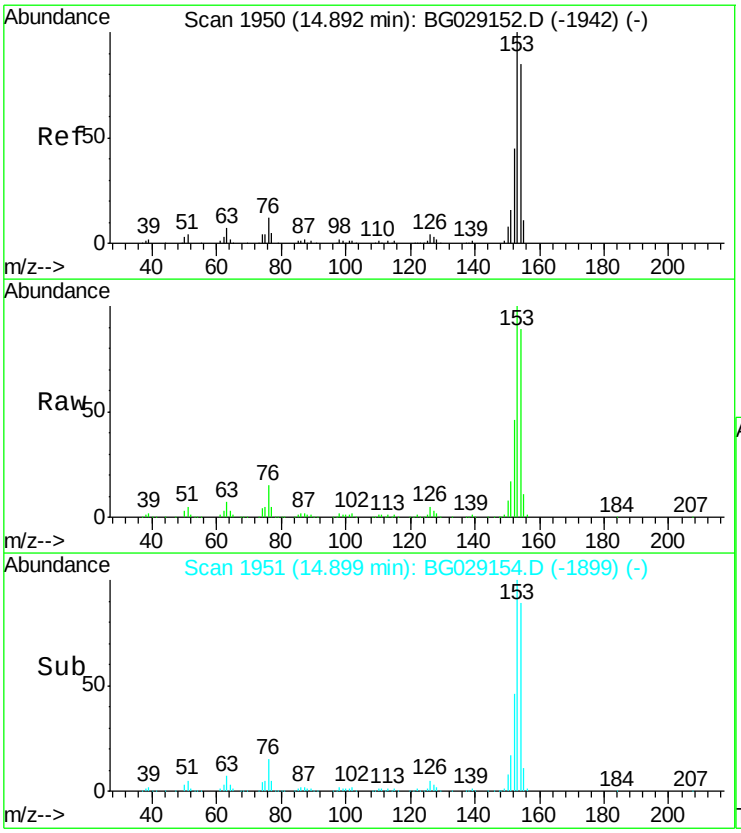
#8
Acenaphthylene
Concen: 74.404 ng/ul
RT: 14.56 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:152 Resp: 1006989

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.5	24.7
153	14.7	11.3	16.9

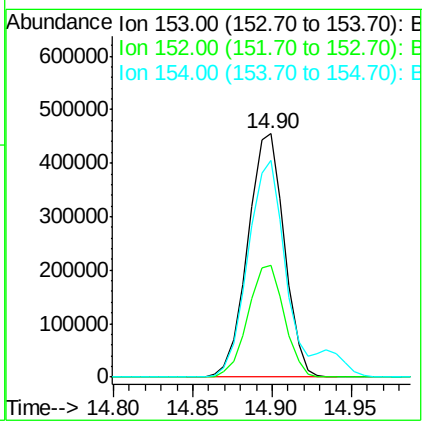


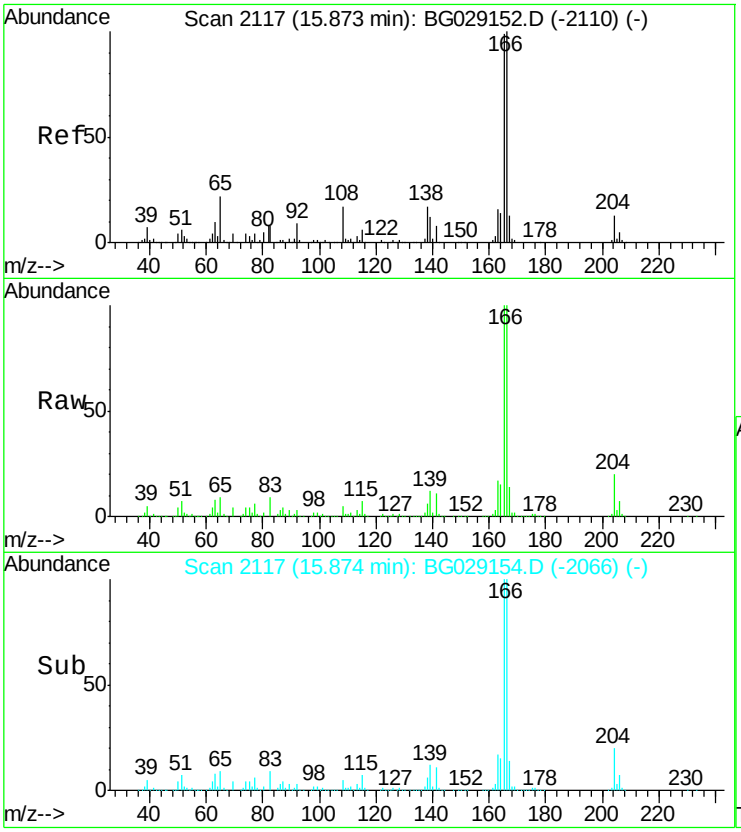


#9
Acenaphthene
Concen: 79.232 ng/ul
RT: 14.90 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:153 Resp: 728807

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.2	54.4
154	88.8	68.4	102.6



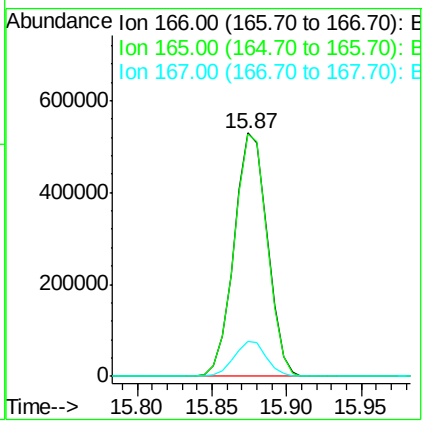


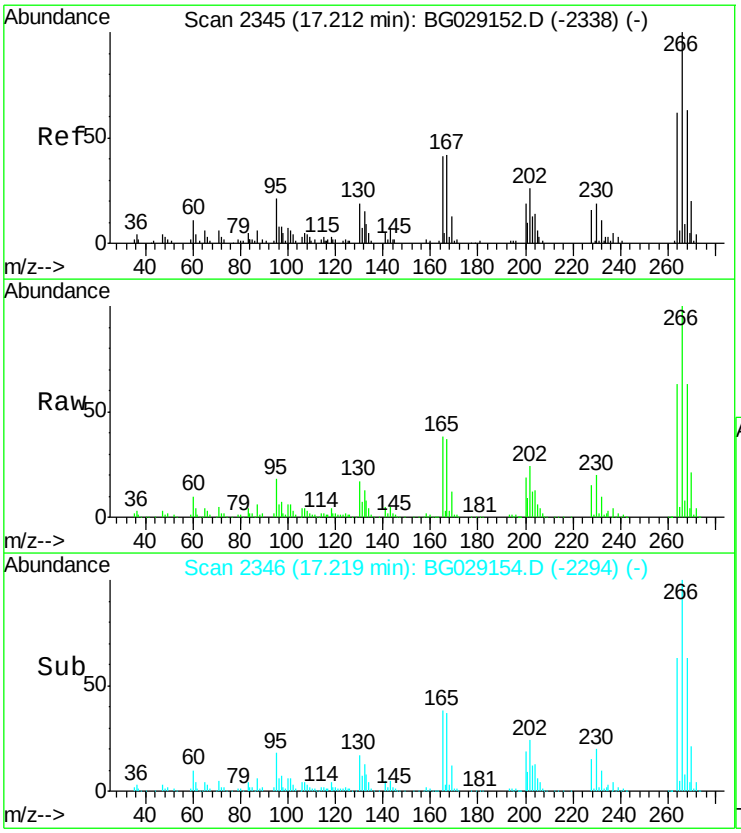
#11
Fluorene
Concen: 70.264 ng/ul
RT: 15.87 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:166 Resp: 819335

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	14.1	10.2	15.4

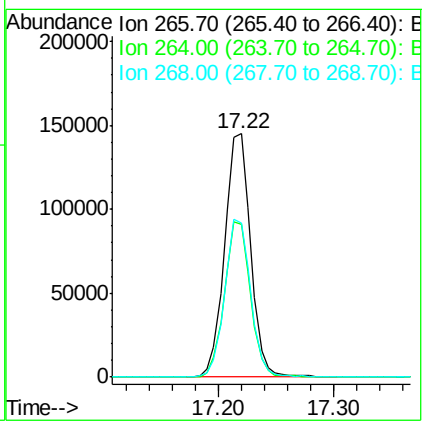


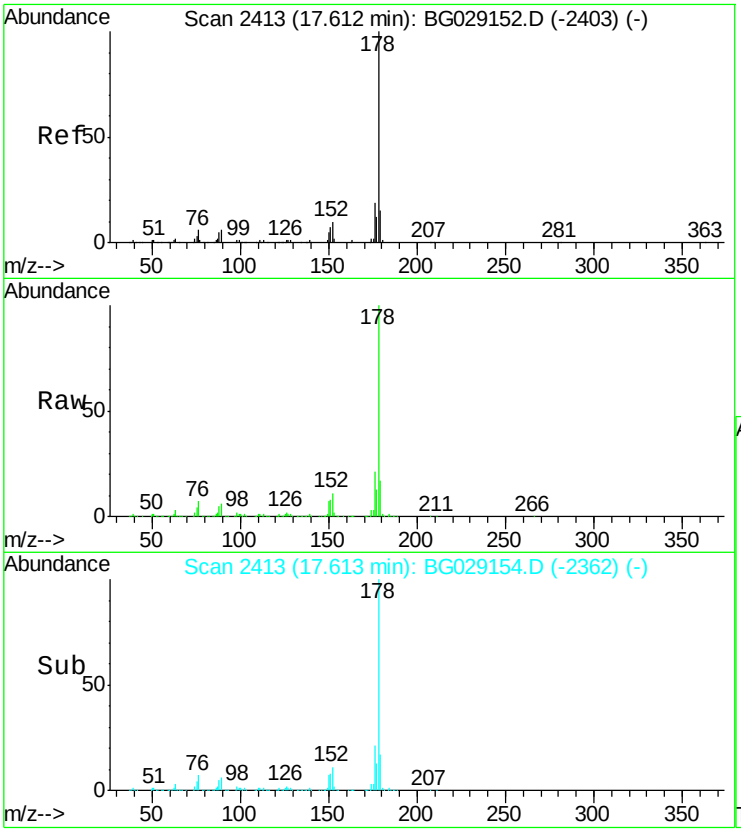


#13
Pentachlorophenol
Concen: 106.249 ng/ul
RT: 17.22 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:266 Resp: 226175

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	63.1	50.0	75.0



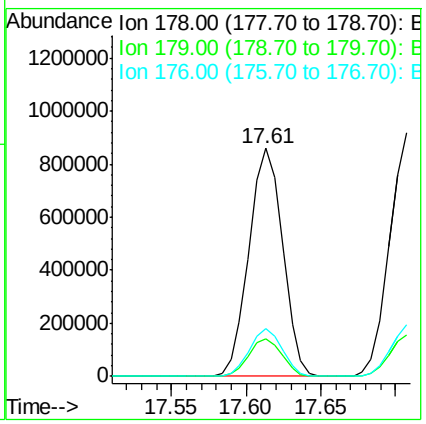


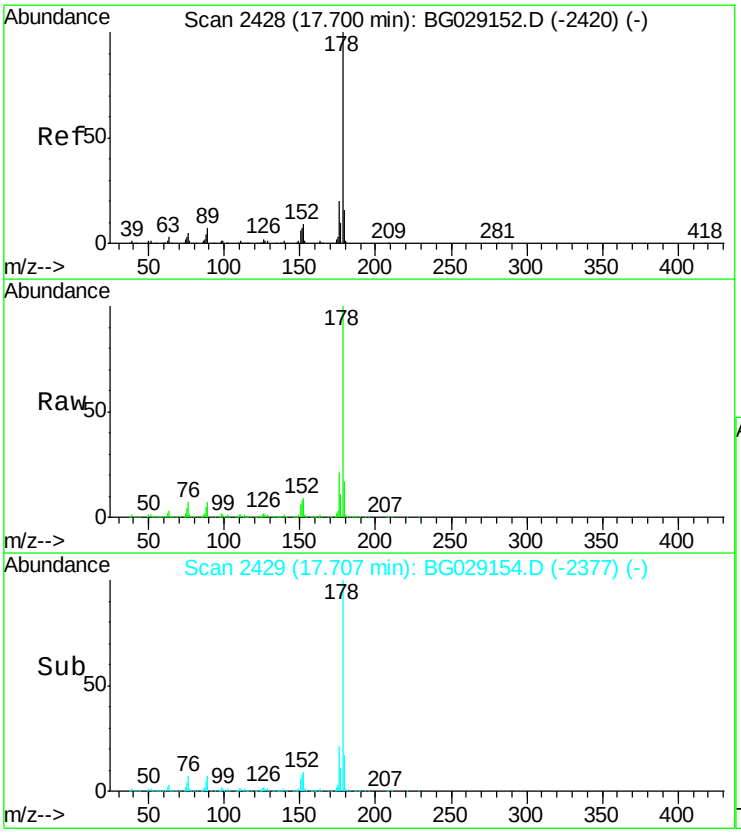
#14
Phenanthrene
Concen: 79.478 ng/ul
RT: 17.61 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:178 Resp: 1341585

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.2
176	20.9	15.0	22.6

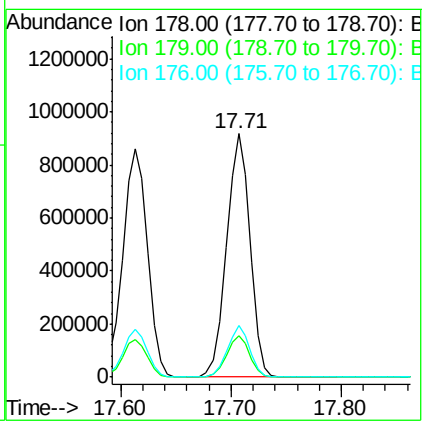


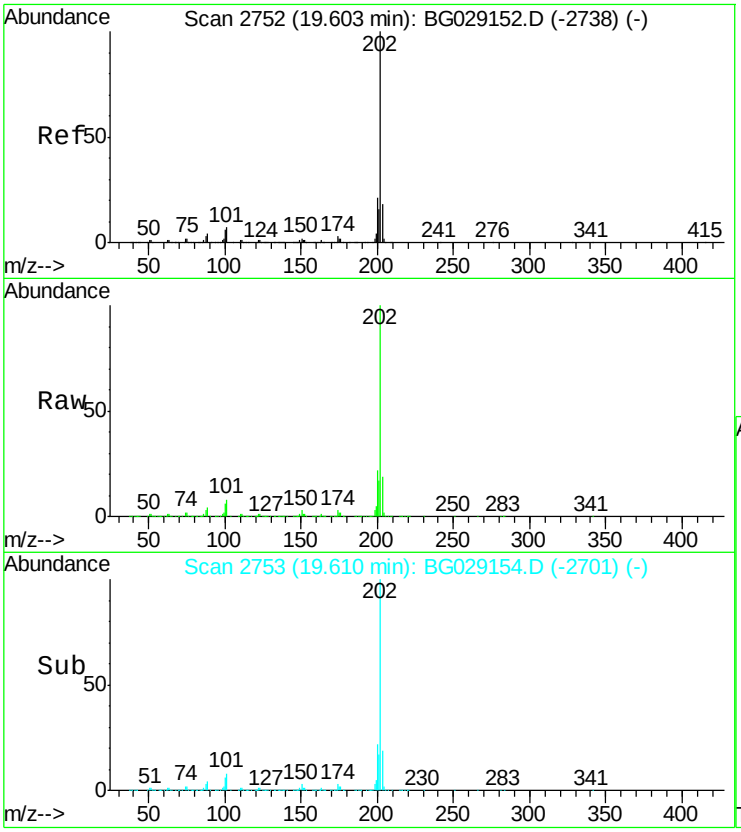


#16
Anthracene
Concen: 78.360 ng/ul
RT: 17.71 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:178 Resp: 1361282

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.5	18.7
176	21.2	15.7	23.5



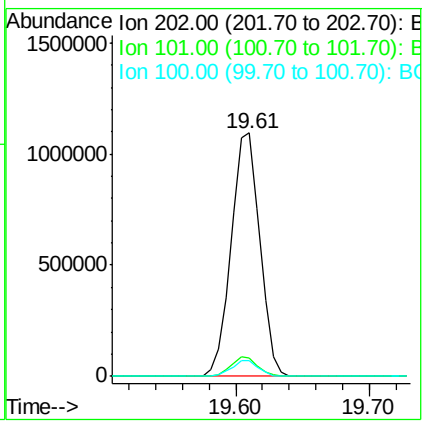


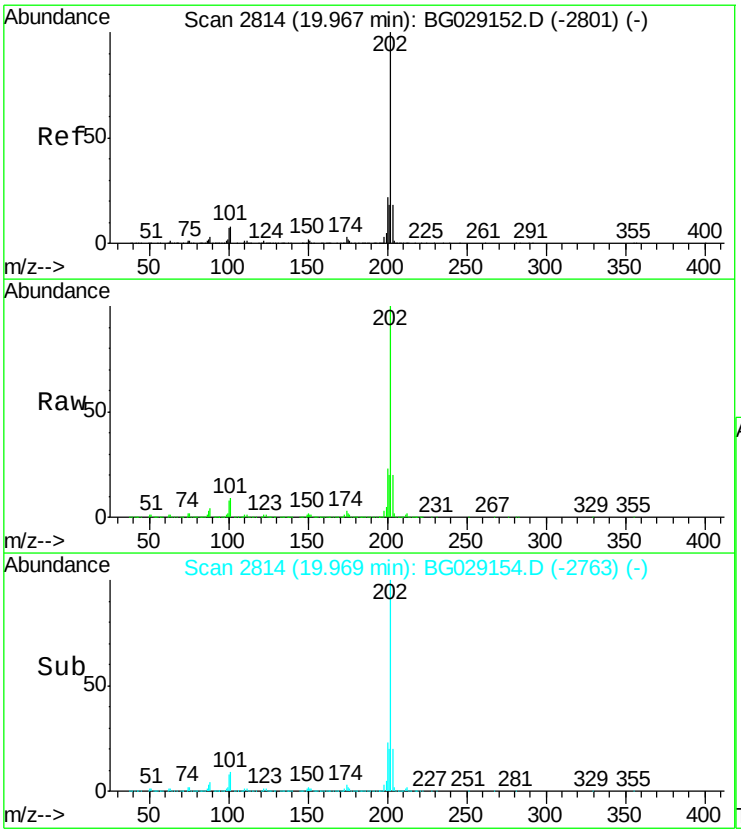
#17
Fluoranthene
Concen: 79.821 ng/ul
RT: 19.61 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:202 Resp: 1633155

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.6	8.4
100	6.3	4.7	7.1

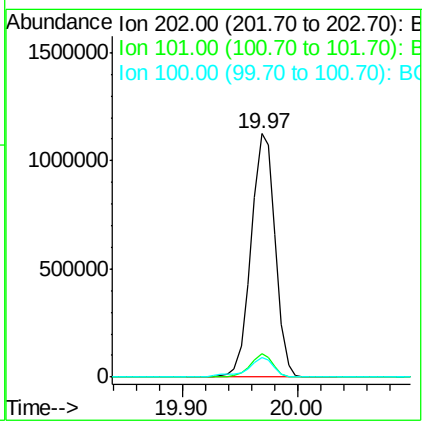


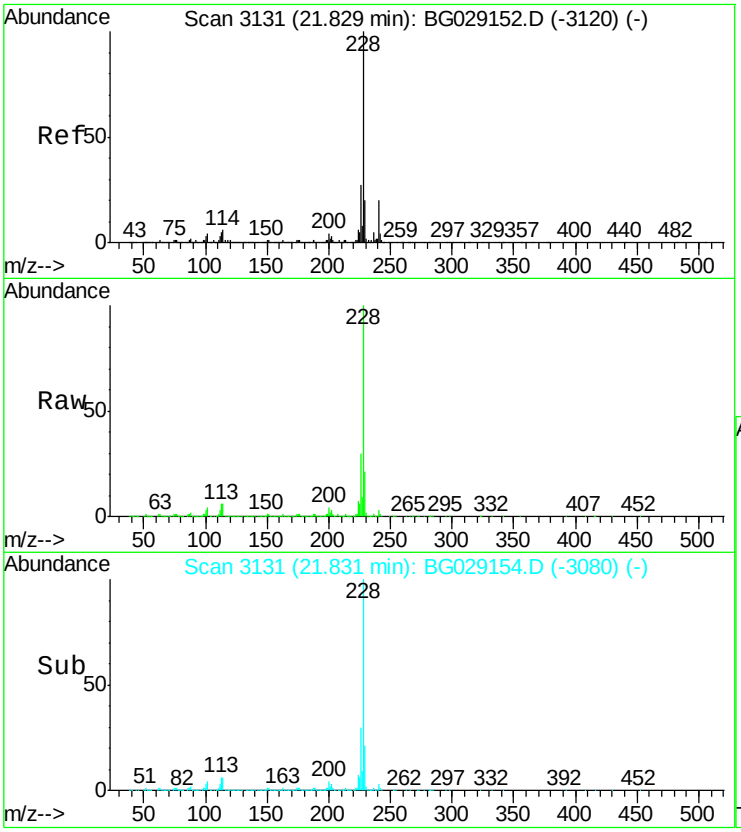


#20
Pyrene
Concen: 73.835 ng/ul
RT: 19.97 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:202 Resp: 1634853

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.5	9.7
100	8.1	5.5	8.3



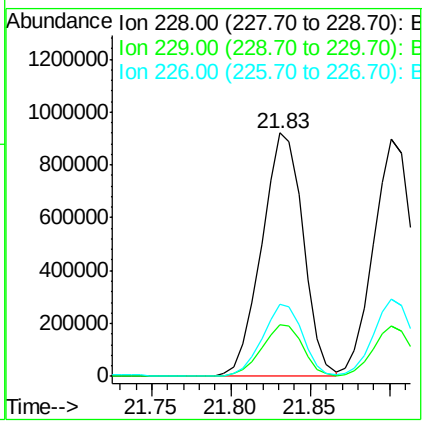


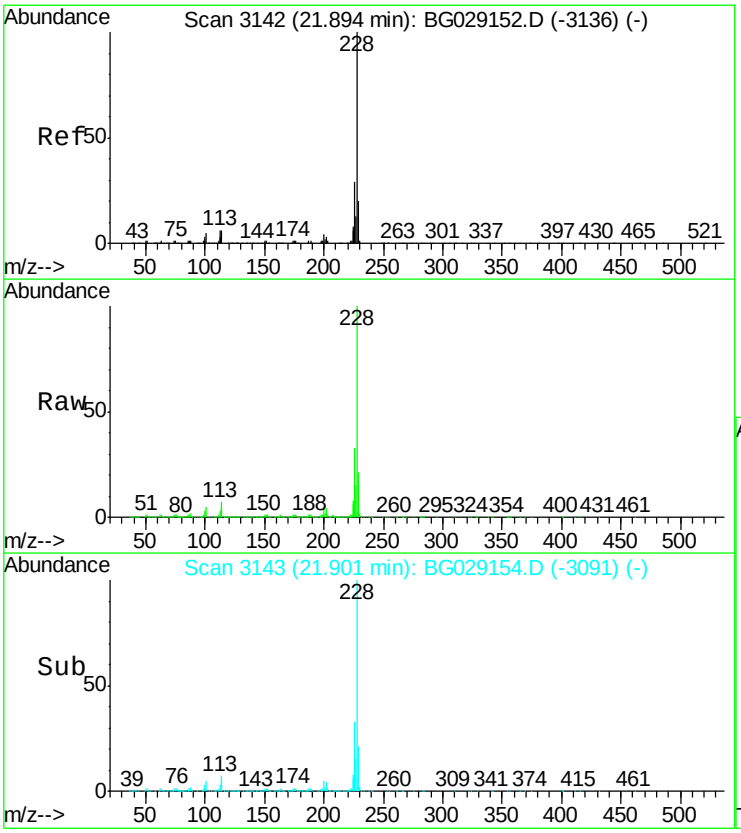
#21
Benzo(a)anthracene
Concen: 77.334 ng/ul
RT: 21.83 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:228 Resp: 1676786

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	29.6	21.6	32.4

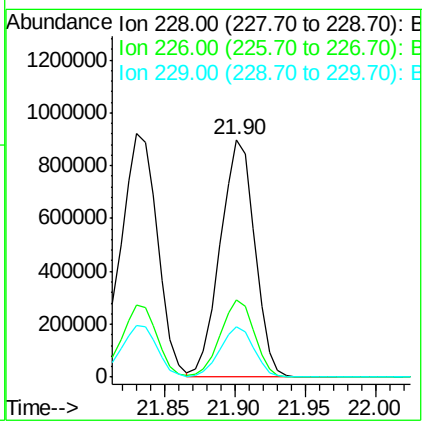


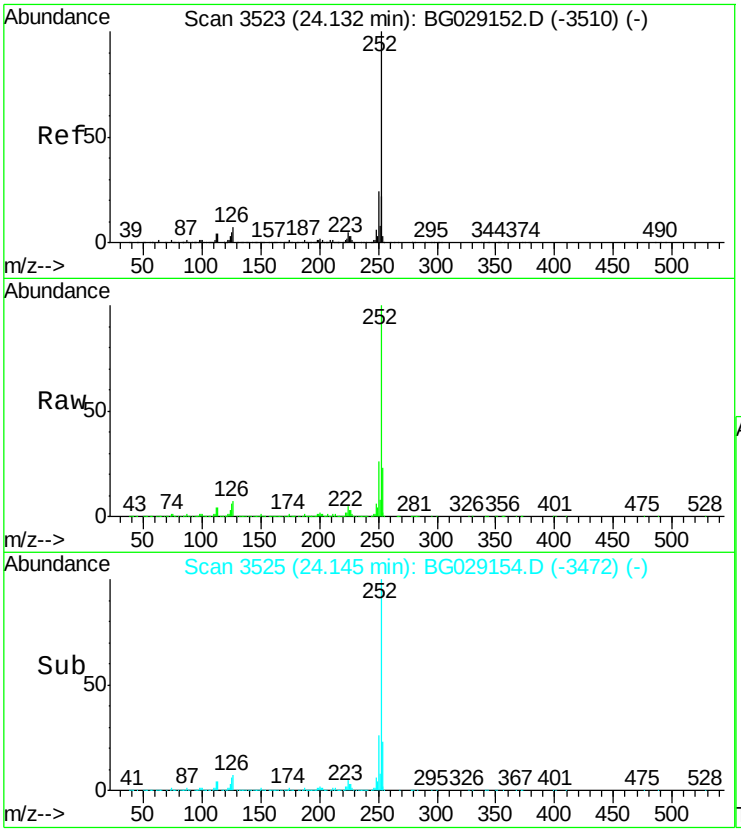


#22
Chrysene
Concen: 77.910 ng/ul
RT: 21.90 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:228 Resp: 1518587

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	21.3	15.7	23.5



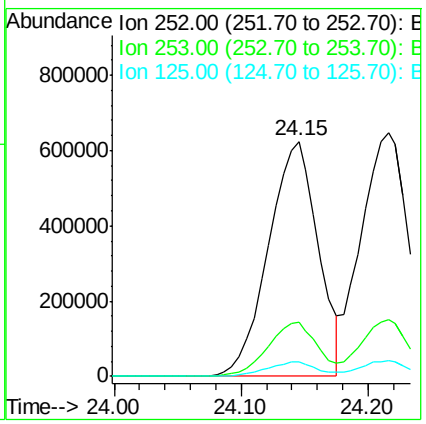


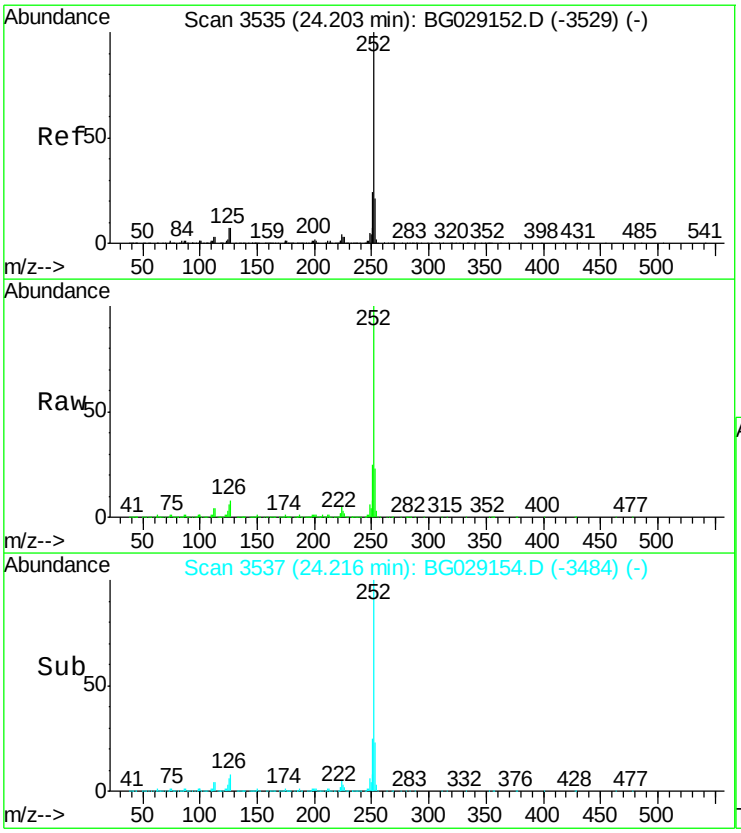
#24
Benzo(b)fluoranthene
Concen: 78.171 ng/ul
RT: 24.15 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:252 Resp: 1700636

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.1	4.5	6.7

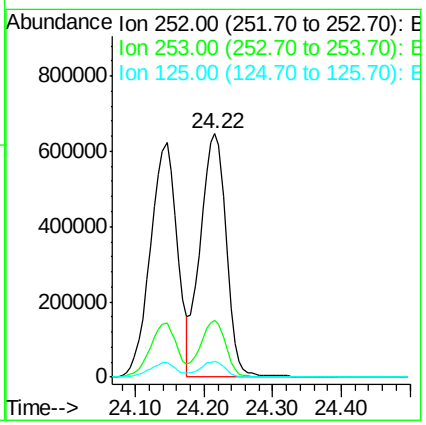


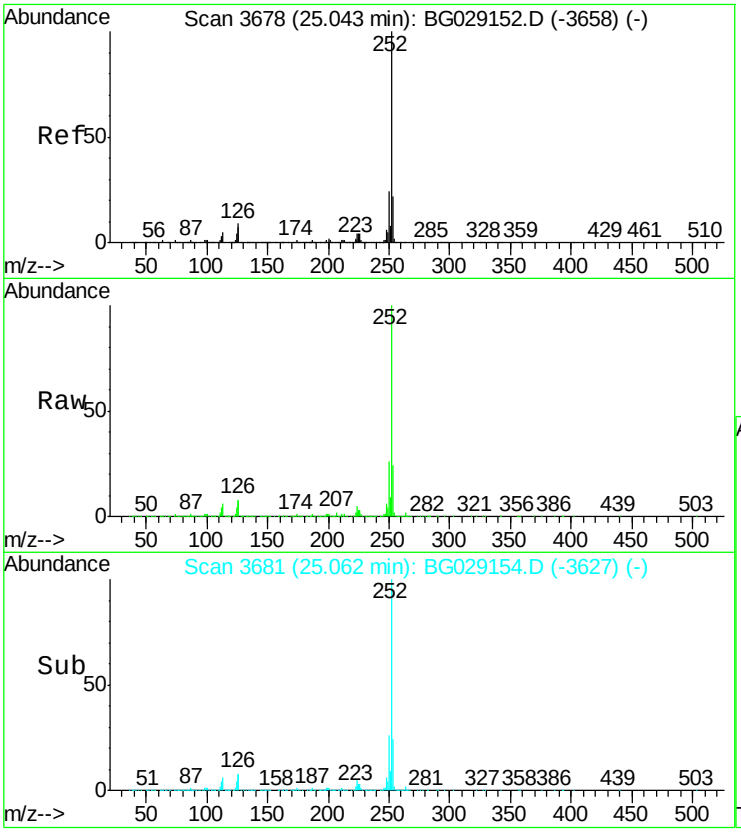


#25
Benzo(k)fluoranthene
Concen: 80.543 ng/ul
RT: 24.22 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:252 Resp: 1697294

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	6.2	5.1	7.7



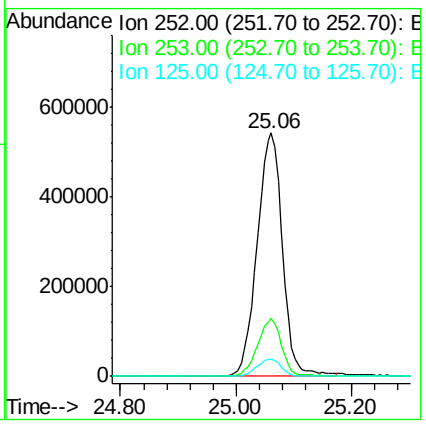


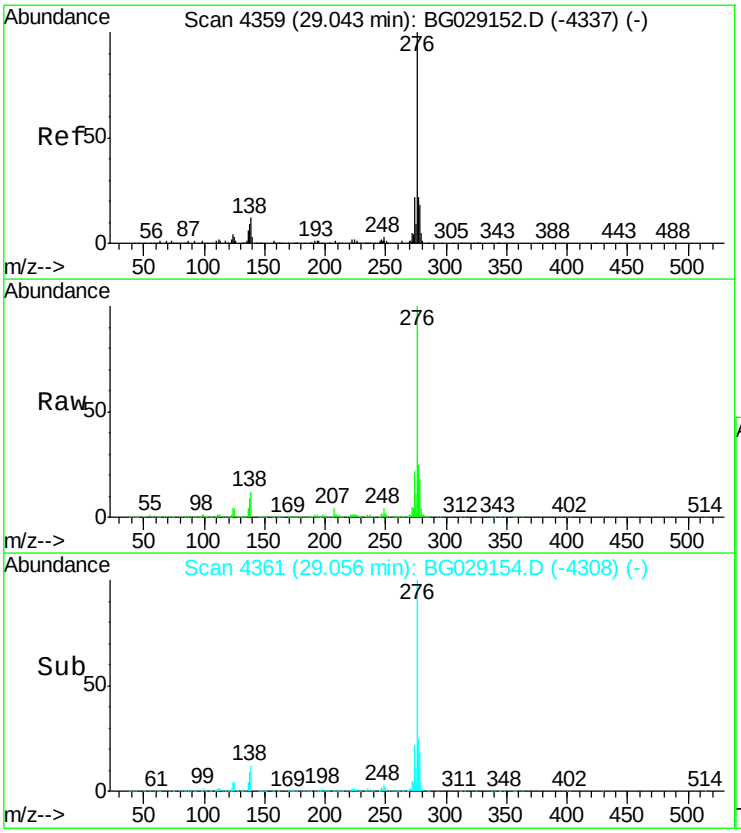
#27
Benzo(a)pyrene
Concen: 79.219 ng/ul
RT: 25.06 min Scan# 3681
Delta R.T. 0.02 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:252 Resp: 1660223

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	7.1	5.4	8.2

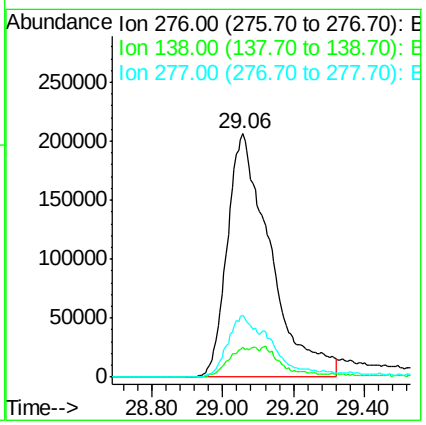


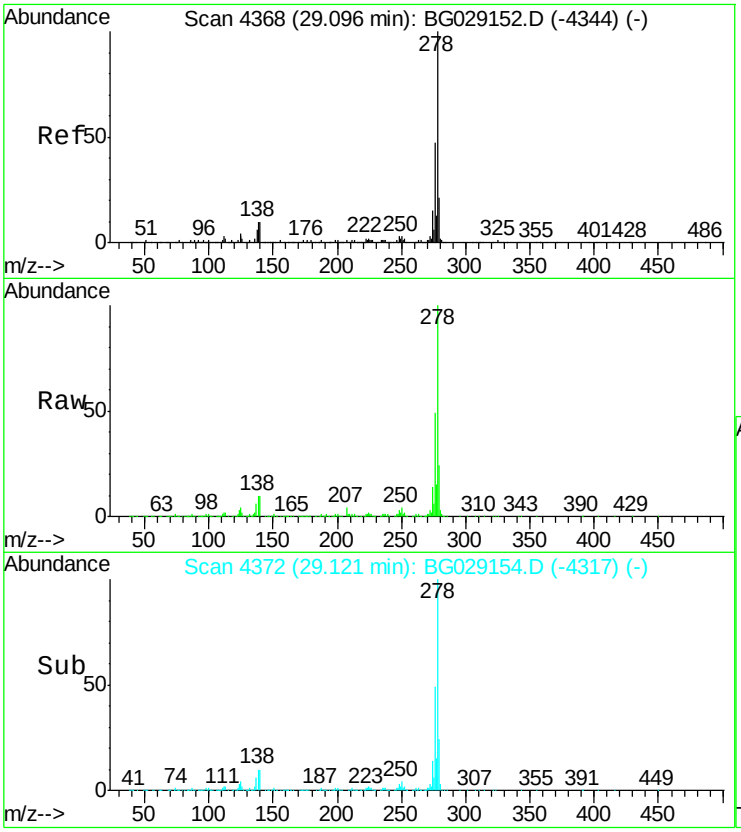


#28
Indeno(1,2,3-cd)pyrene
Concen: 74.212 ng/ul
RT: 29.06 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:276 Resp: 1754035

Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.5	14.3
277	25.3	18.1	27.1



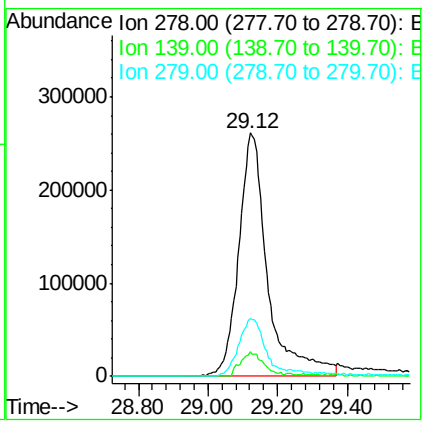


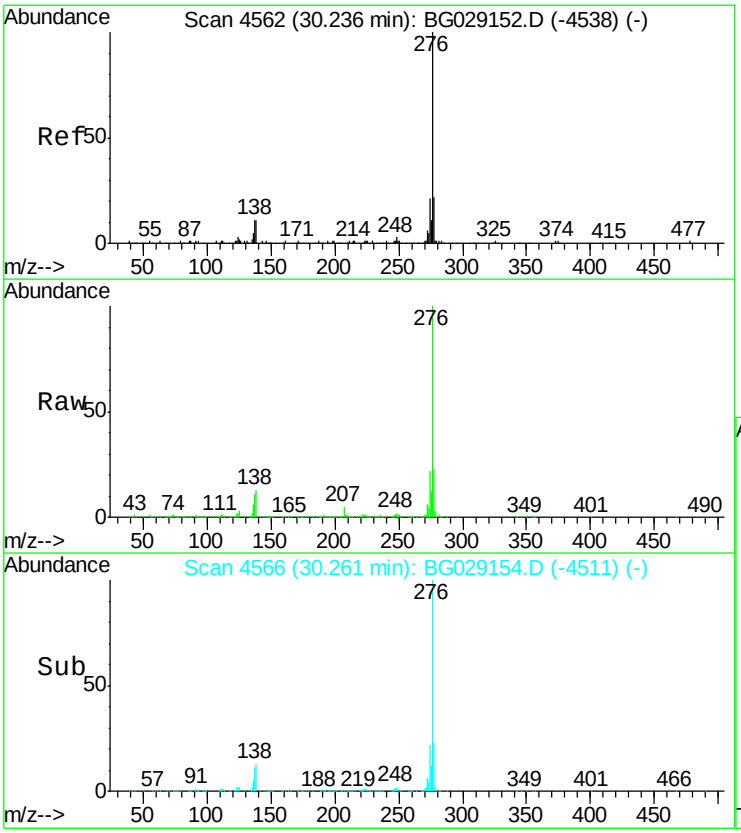
#29
Dibenzo(a,h)anthracene
Concen: 75.981 ng/ul
RT: 29.12 min Scan# 4372
Delta R.T. 0.02 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :
SSTD08072

Tgt Ion:278 Resp: 1516010

Ion	Ratio	Lower	Upper
278	100		
139	10.1	8.3	12.5
279	23.9	17.1	25.7





#30
Benzo(g,h,i)perylene
Concen: 63.771 ng/ul
RT: 30.26 min Scan# 4566
Delta R.T. 0.02 min
Lab File: BG029154.D
Acq: 11 Oct 2017 1:21

Tgt Ion:276 Resp: 1206079

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.3	13.9
277	23.3	17.9	26.9