Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022267.D
Acq On : 9 Jun 2016 13:53
Operator : UM/SJ
Sample : H3402-13 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-46

Quant Time: Jun 09 16:10:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	46916	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	239304	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	132708	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	248710	20.00	ng		0.00
75) Chrysene-d12	21.77	240	209607	20.00	ng		0.00
86) Perylene-d12	25.08	264	197782	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	108668	44.78	ng		0.00
7) Phenol-d6	7.28	99	172859	45.31	ng		0.00
23) Nitrobenzene-d5	9.29	82	98965	28.83	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	74883	49.94	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	261382	30.02	ng		0.00
78) Terphenyl-d14	20.08	244	382104	43.28	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.99	128	25556	2.14	ng	#	94
49) Dimethylphthalate	14.19	163	53451	4.86	ng		99
51) Acenaphthene	14.81	154	26081	3.24	ng		96
57) Fluorene	15.79	166	36625	3.39	ng		96
70) Phenanthrene	17.53	178	500527	37.05	ng		98
71) Anthracene	17.62	178	122951	9.18	ng		97
72) Carbazole	17.90	167	49835	3.93	ng		96
74) Fluoranthene	19.54	202	827973	53.32	ng		94
77) Pyrene	19.90	202	791682	60.75	ng		98
80) Benzo(a)anthracene	21.75	228	391544	33.31	ng		98
82) Chrysene	21.82	228	336266	29.40	ng		97
85) Indeno(1,2,3-cd)pyrene	28.87	276	168290m	13.12	ng		
87) Benzo(b)fluoranthene	24.03	252	381614m	33.08	ng		
88) Benzo(k)fluoranthene	24.06	252	180026m	15.85	ng		
89) Benzo(a)pyrene	24.92	252	301940	27.38	ng	#	94
90) Dibenzo(a,h)anthracene	28.88	278	33384	3.21	ng	#	82
91) Benzo(g,h,i)perylene	30.05	276	164806m	15.25	ng		

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

Quantitation Report (LSC Reviewed)

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Acq On : 9 Jun 2016 13:53
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
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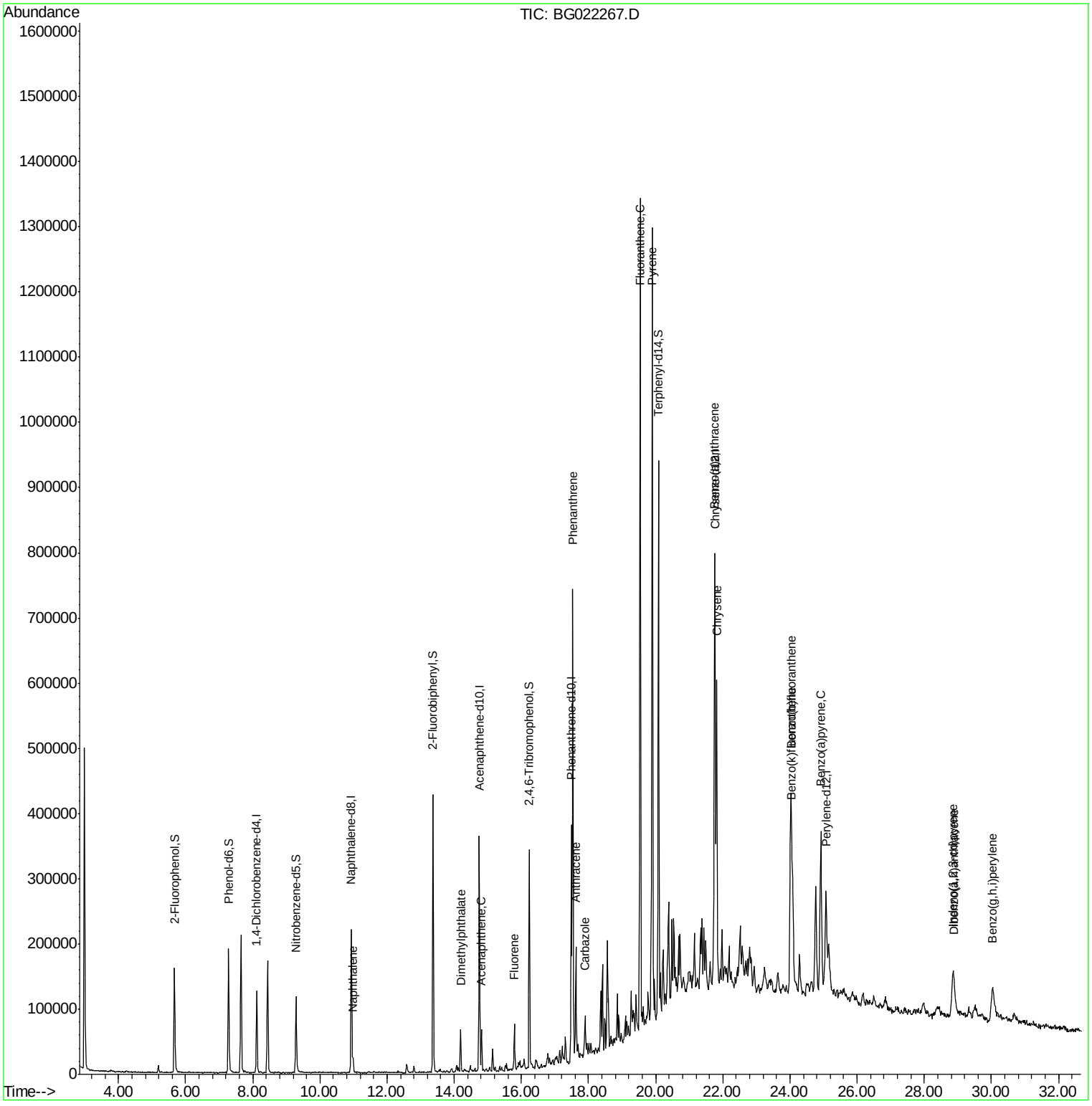
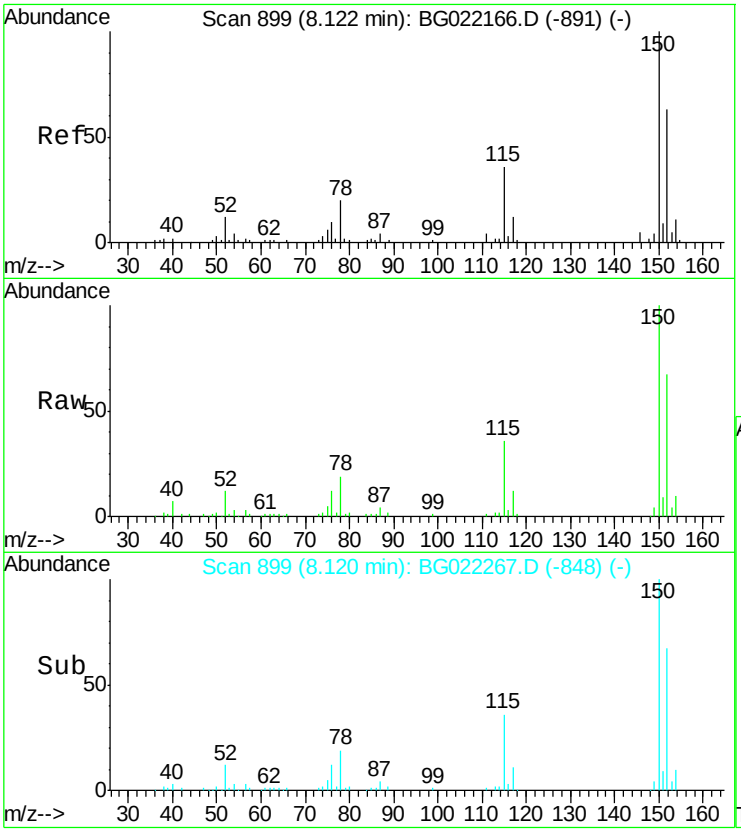


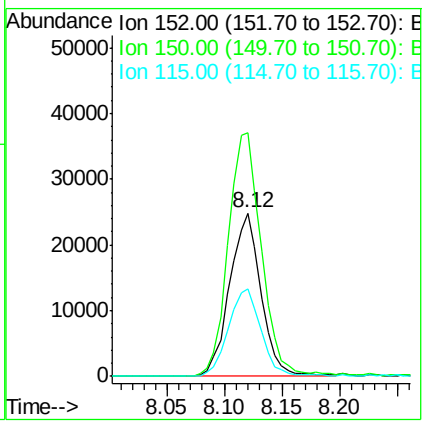


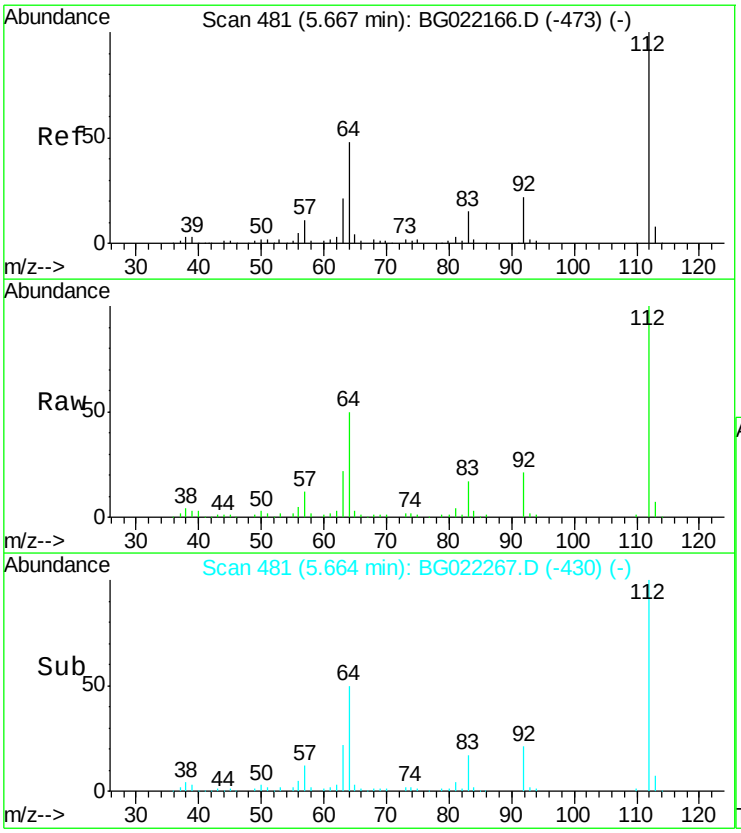
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:152 Resp: 46916

Ion	Ratio	Lower	Upper
152	100		
150	149.1	130.1	195.1
115	53.6	62.2	93.2#

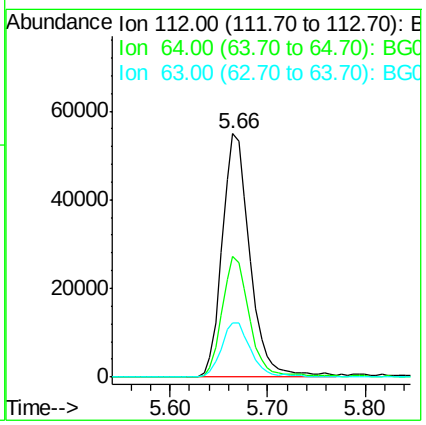


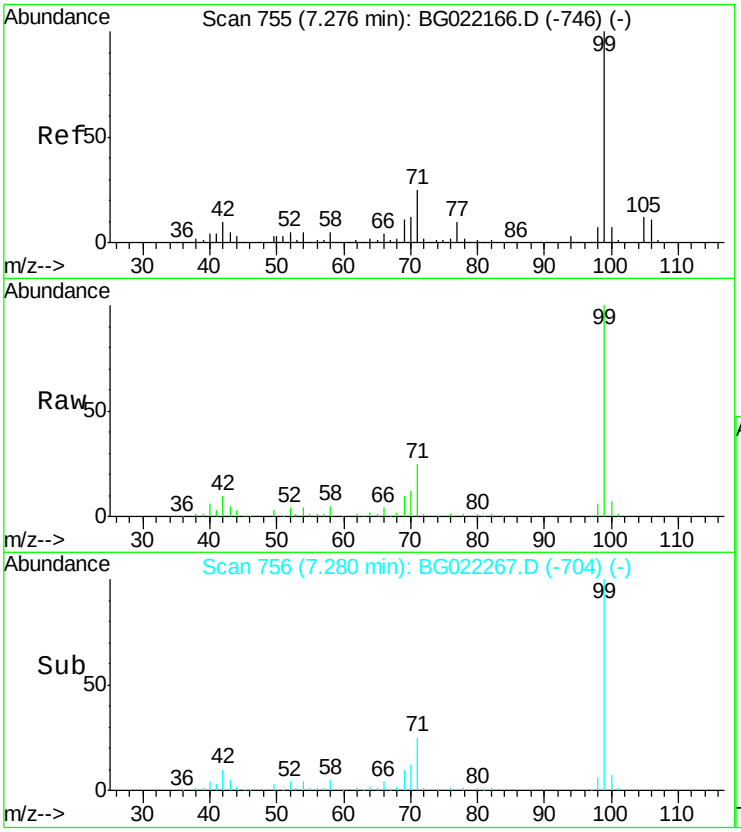


#5
2-Fluorophenol
Concen: 44.78 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:112 Resp: 108668

Ion	Ratio	Lower	Upper
112	100		
64	49.5	51.1	76.7#
63	22.3	24.6	37.0#



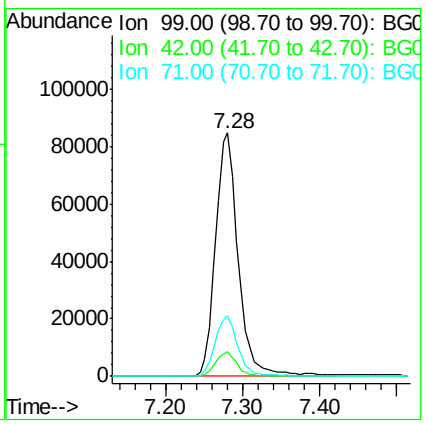


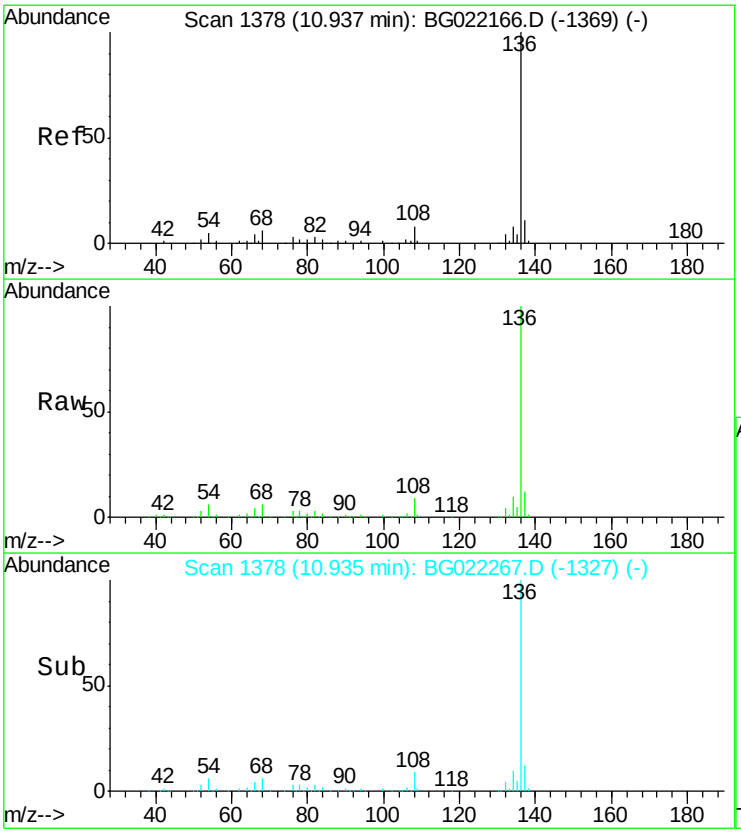
#7
Phenol-d6
Concen: 45.31 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion: 99 Resp: 172859

Ion	Ratio	Lower	Upper
99	100		
42	9.9	16.4	24.6#
71	24.9	25.0	37.4#

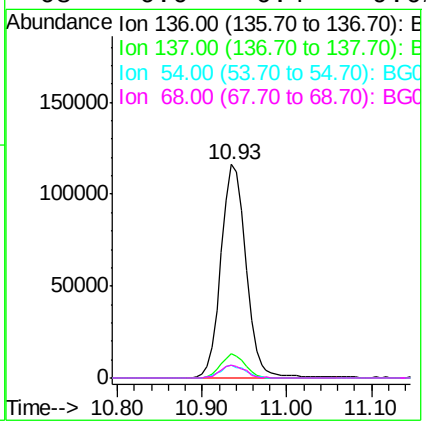


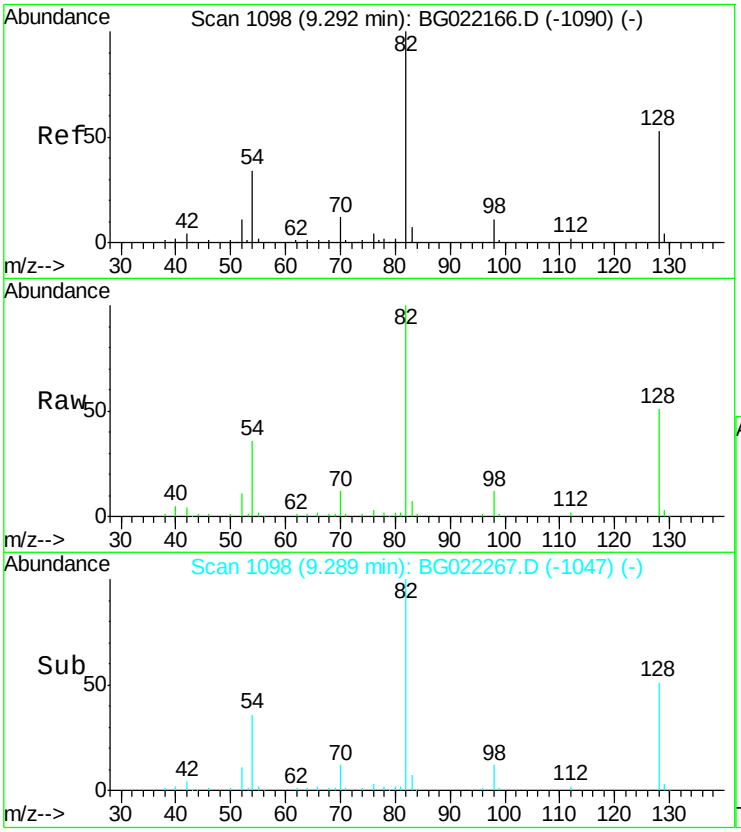


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:136 Resp: 239304

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	5.8	9.6	14.4#
68	6.0	6.4	9.6#



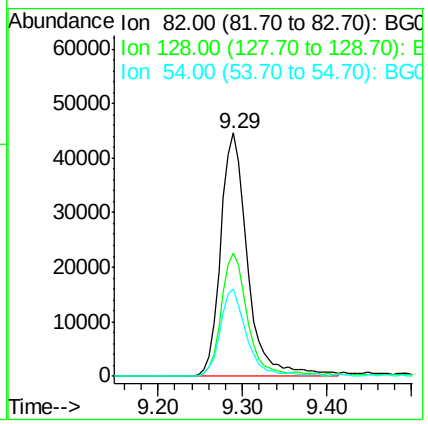


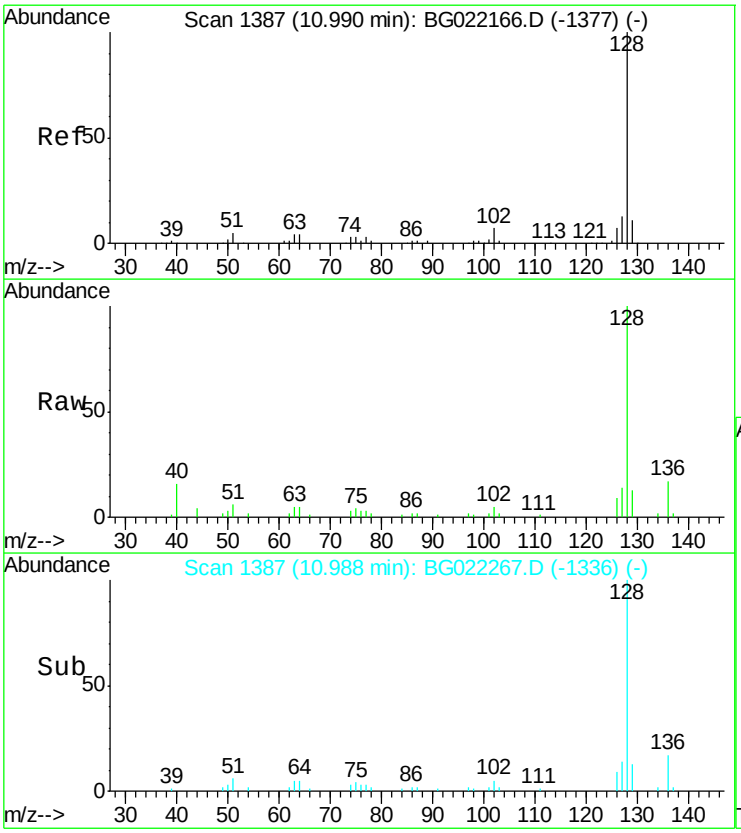
#23
Nitrobenzene-d5
Concen: 28.83 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion: 82 Resp: 98965

Ion	Ratio	Lower	Upper
82	100		
128	50.8	33.4	50.0#
54	36.1	46.1	69.1#

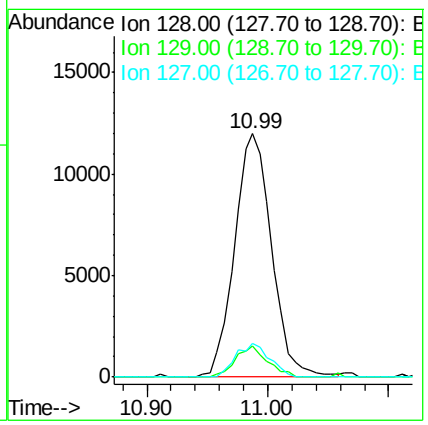


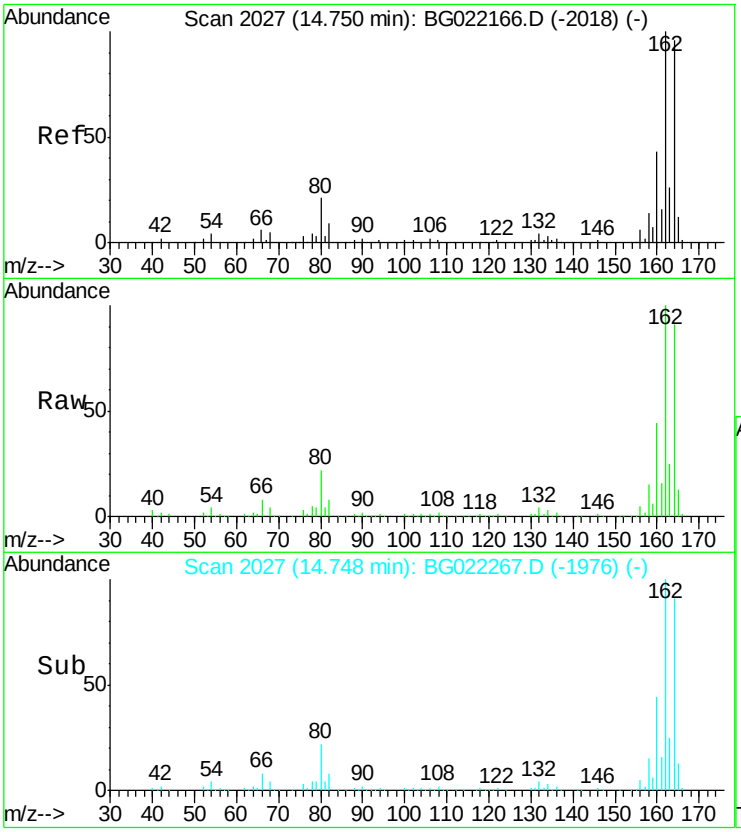


#31
Naphthalene
Concen: 2.14 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:128 Resp: 25556

Ion	Ratio	Lower	Upper
128	100		
129	12.6	7.0	10.6#
127	13.9	10.1	15.1



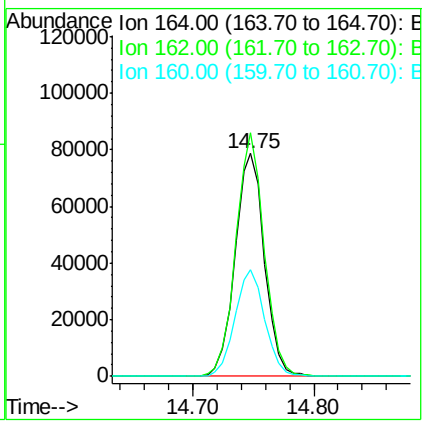


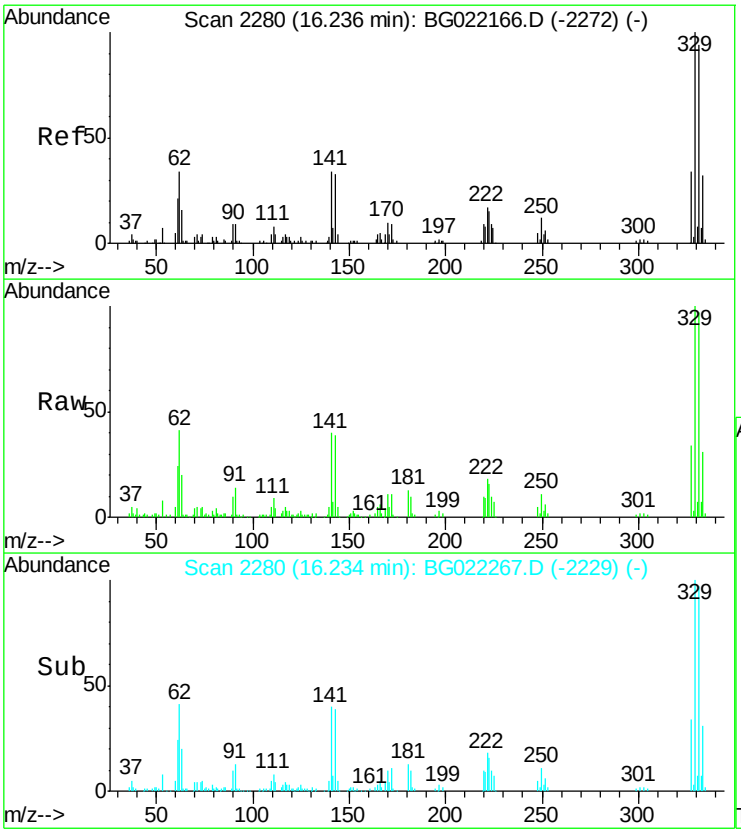
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:164 Resp: 132708

Ion	Ratio	Lower	Upper
164	100		
162	109.4	78.0	117.0
160	47.7	32.9	49.3

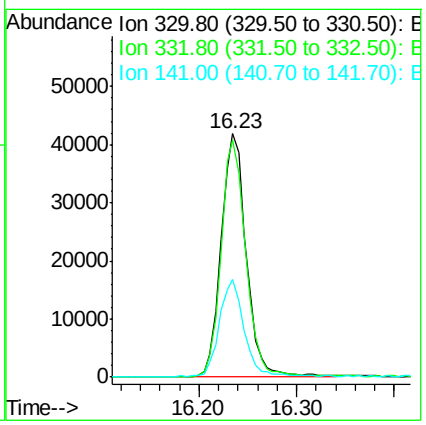


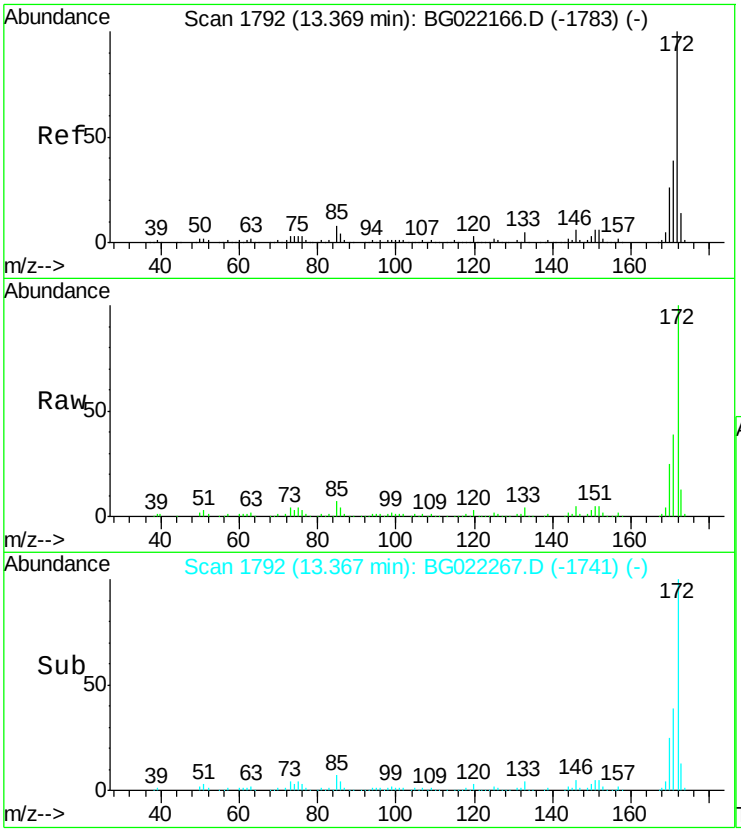


#41
2,4,6-Tribromophenol
Concen: 49.94 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:330 Resp: 74883

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	39.7	33.8	50.8



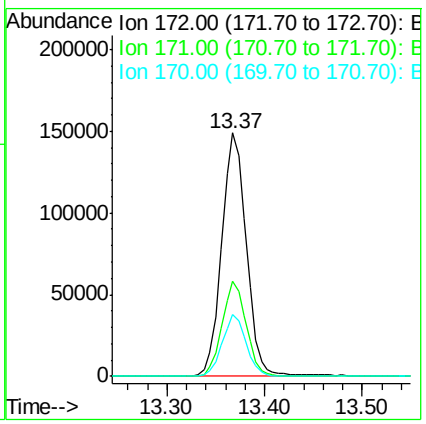


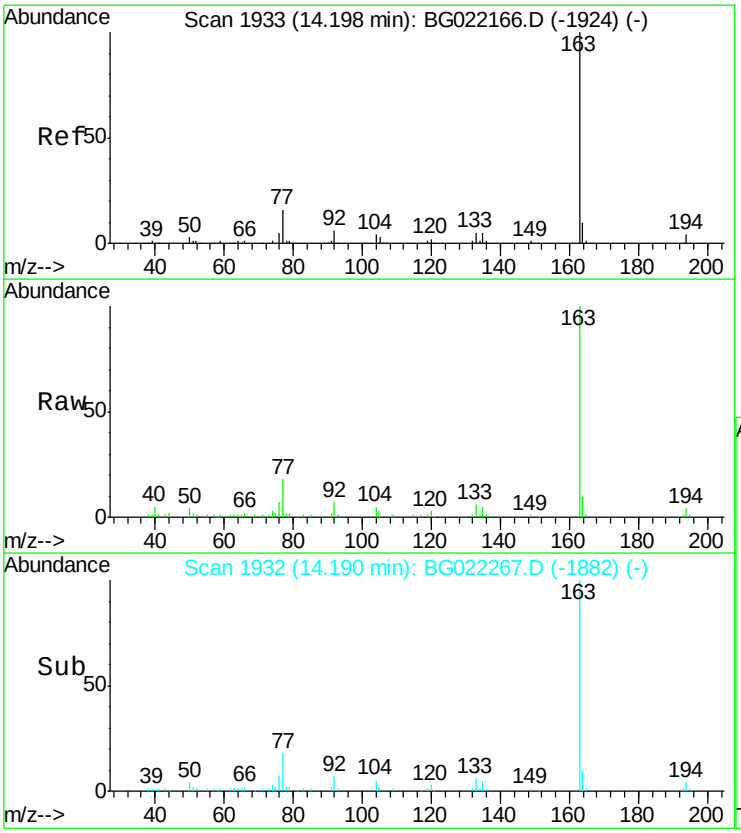
#44
2-Fluorobiphenyl
Concen: 30.02 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:172 Resp: 261382

Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	25.4	19.6	29.4

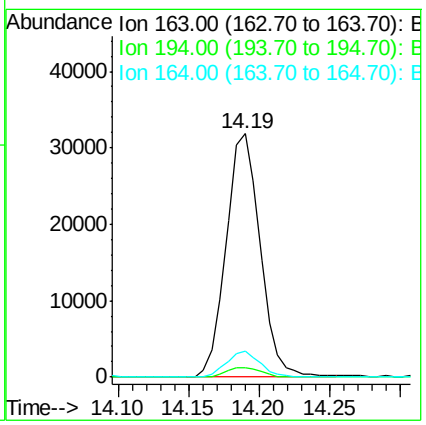


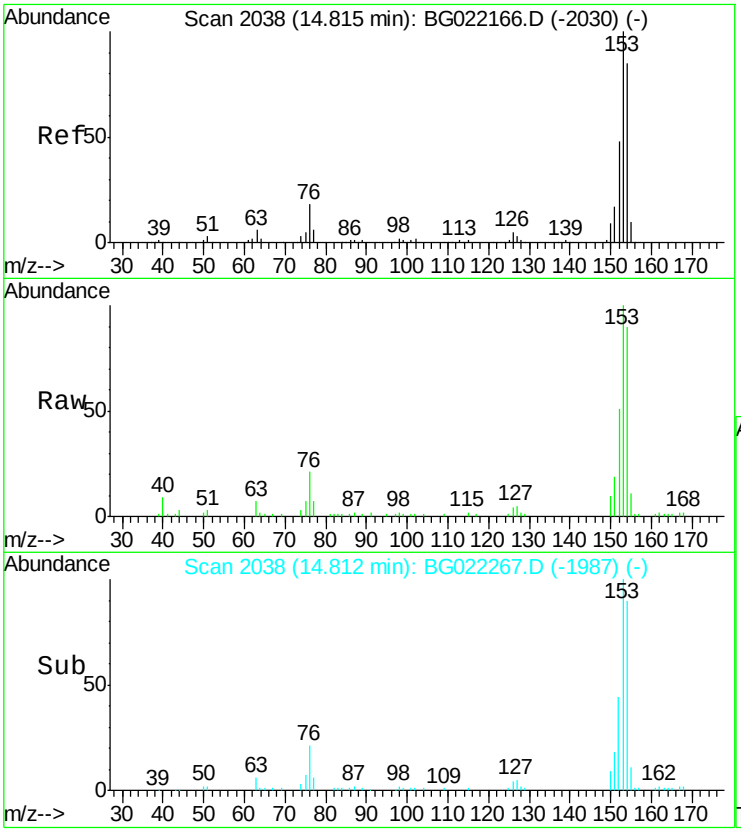


#49
Dimethylphthalate
Concen: 4.86 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:163 Resp: 53451

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.4	8.1	12.1



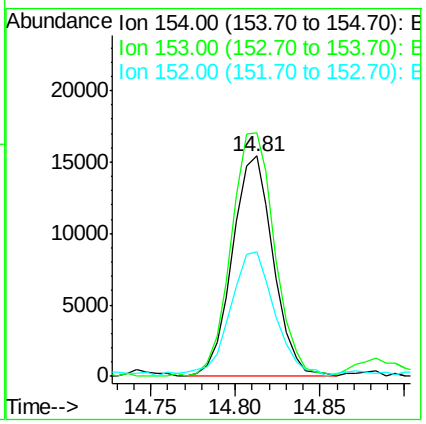


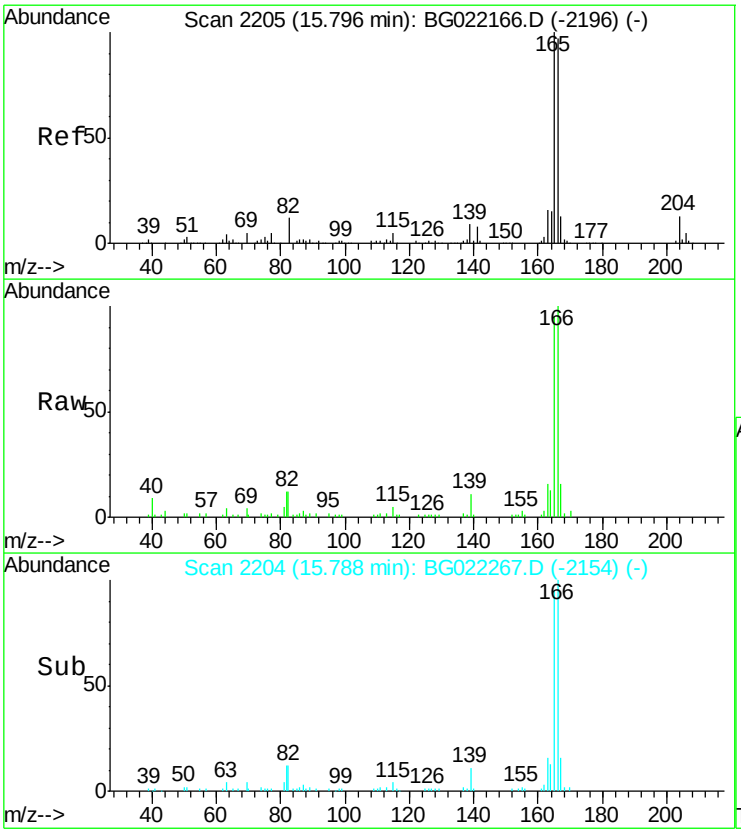
#51
Acenaphthene
Concen: 3.24 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:154 Resp: 26081

Ion	Ratio	Lower	Upper
154	100		
153	110.5	91.9	137.9
152	56.4	42.0	63.0

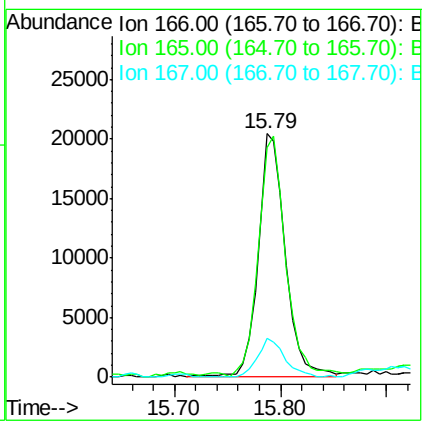


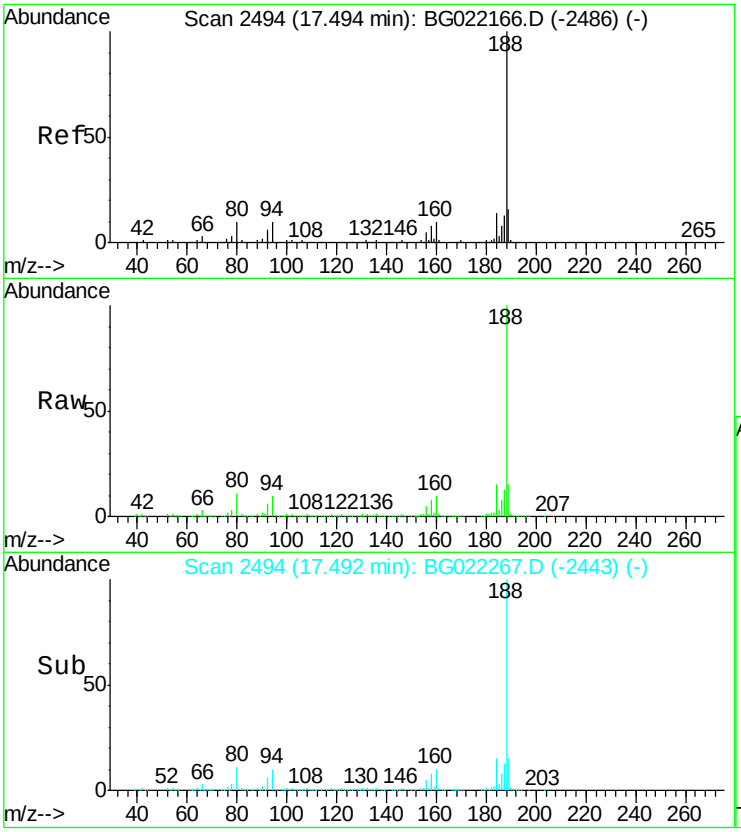


#57
Fluorene
Concen: 3.39 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:166 Resp: 36625

Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.0	118.4
167	15.8	10.7	16.1



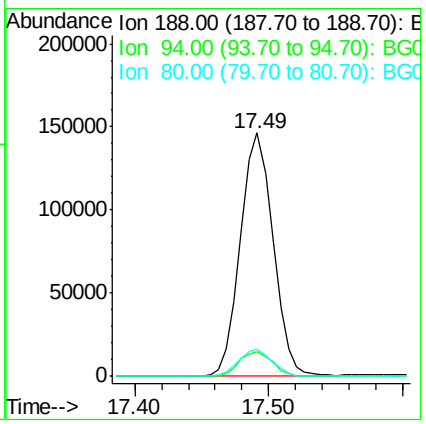


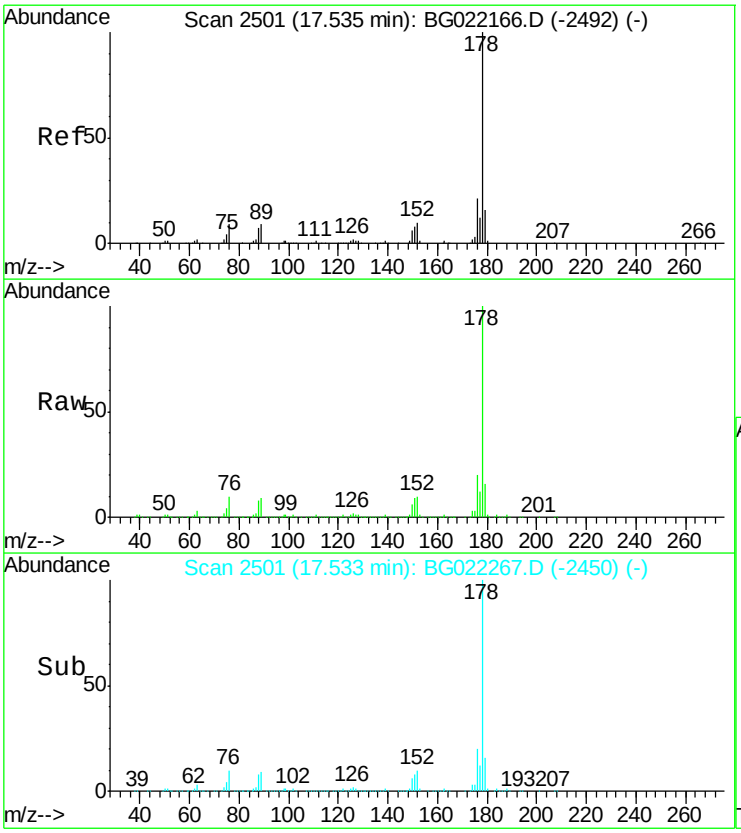
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:188 Resp: 248710

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.5	11.3
80	11.4	8.6	13.0

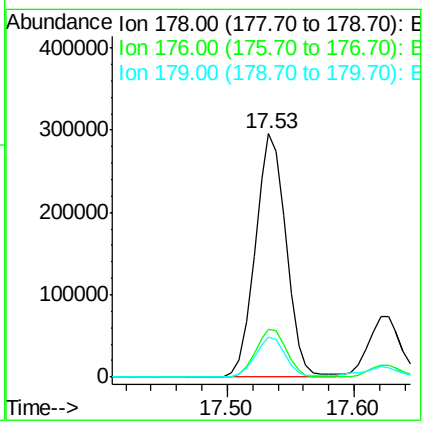


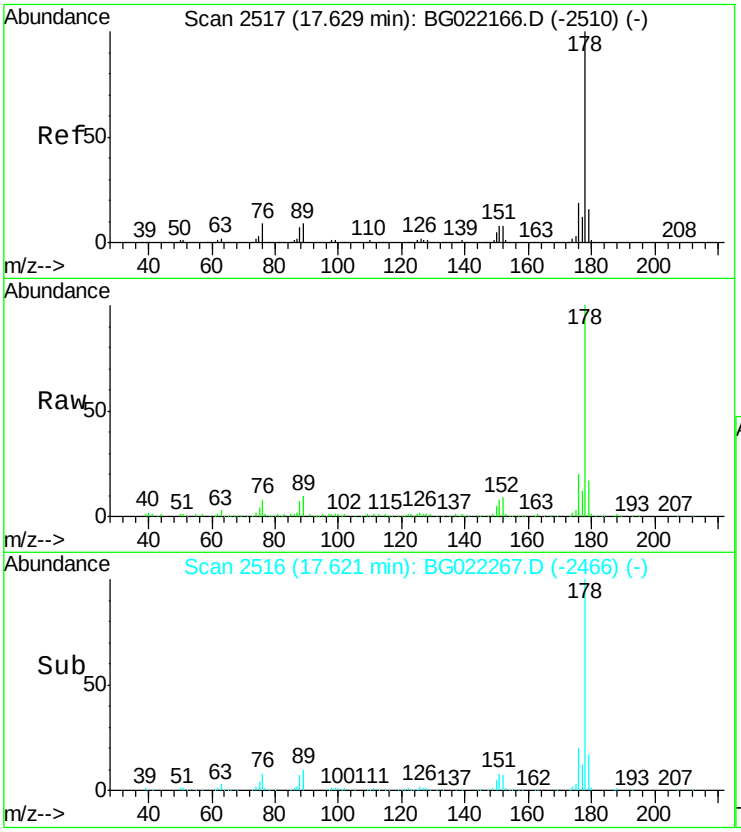


#70
Phenanthrene
Concen: 37.05 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:178 Resp: 500527

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.3	12.0	18.0



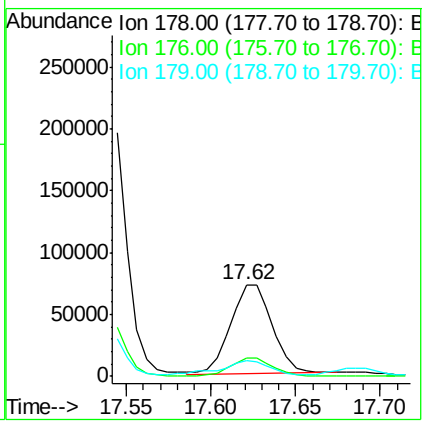


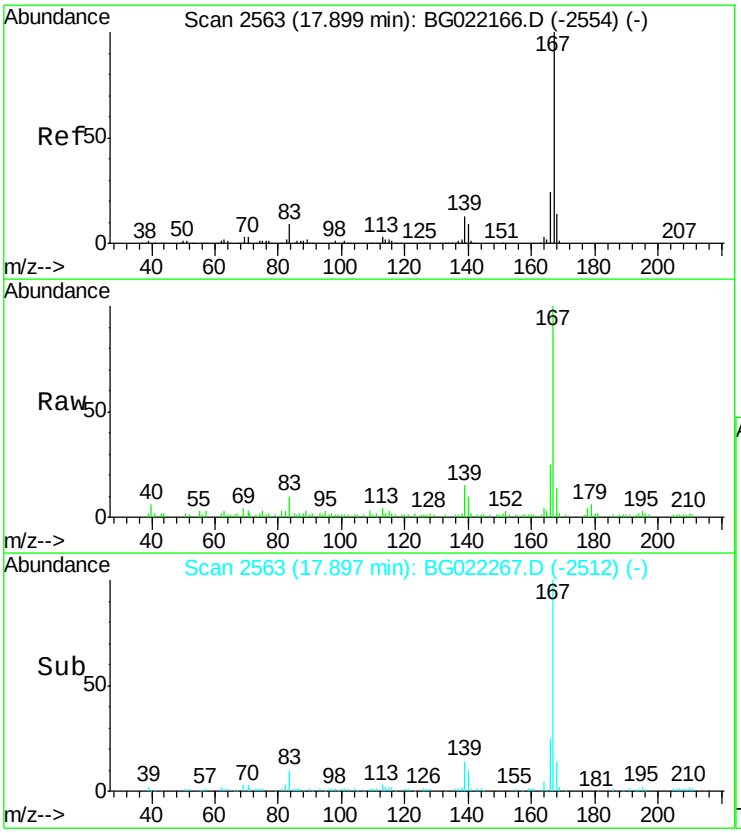
#71
Anthracene
Concen: 9.18 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:178 Resp: 122951

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	16.8	12.2	18.4

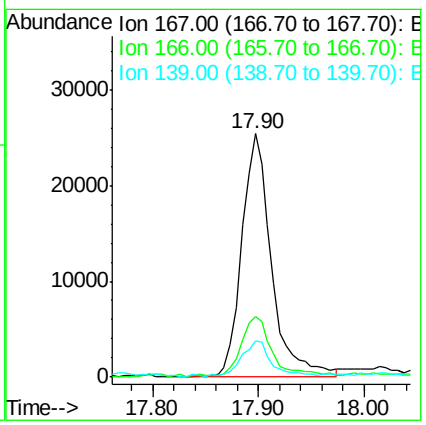


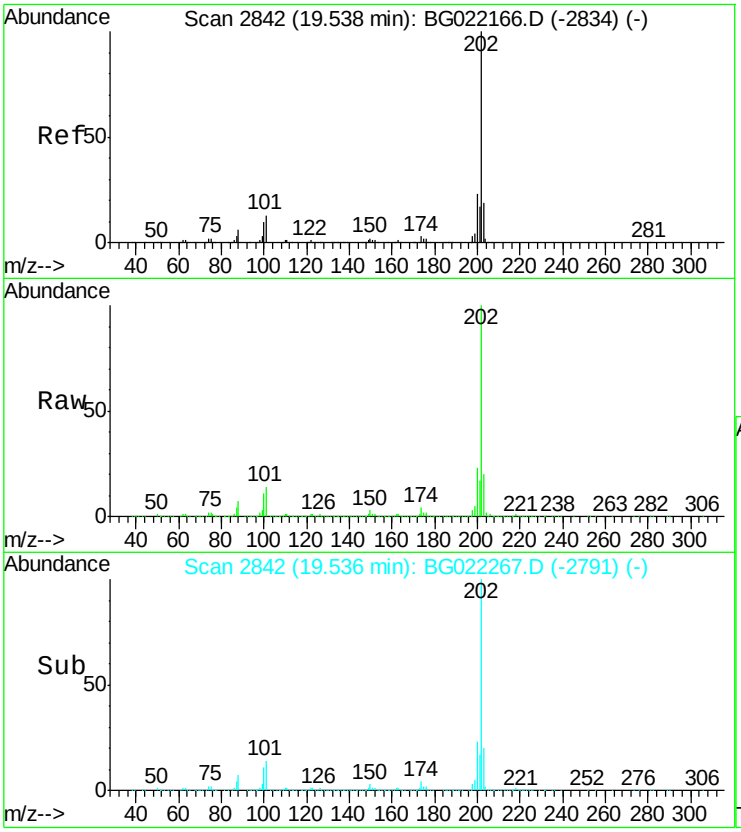


#72
Carbazole
Concen: 3.93 ng
RT: 17.90 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:167 Resp: 49835

Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.6	27.8
139	15.0	10.6	15.8



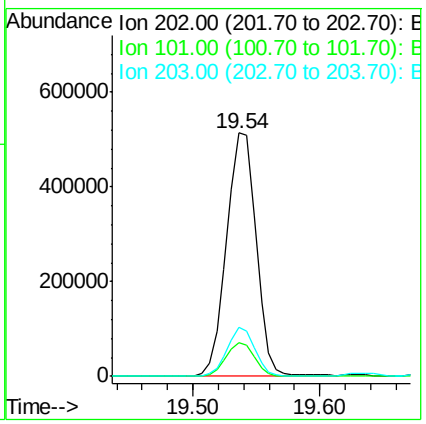


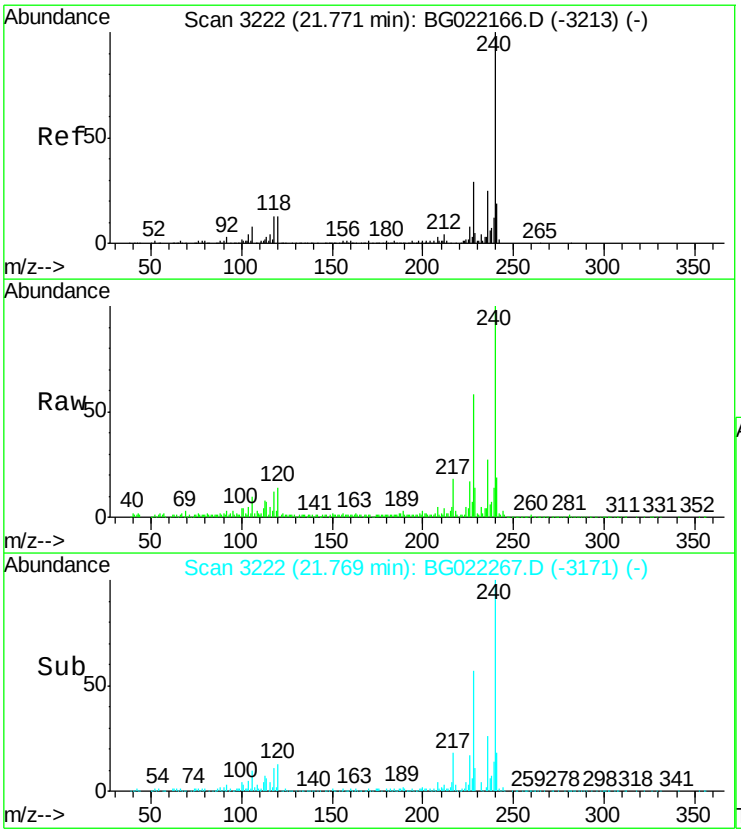
#74
Fluoranthene
Concen: 53.32 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:202 Resp: 827973

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.0
203	20.2	0.0	37.9

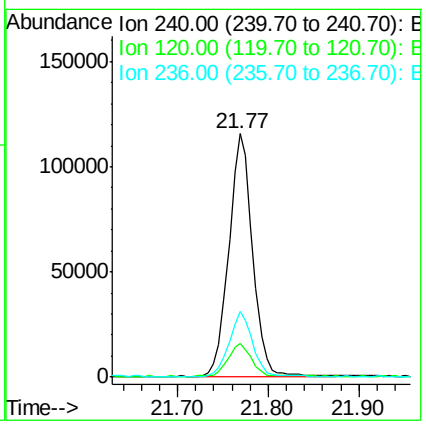


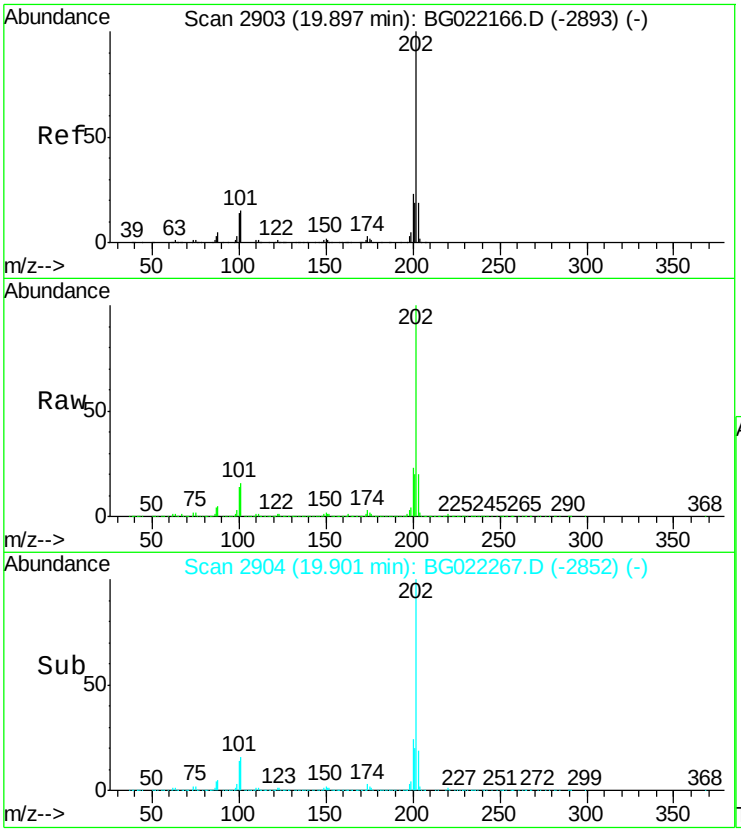


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:240 Resp: 209607

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.4	12.6#
236	26.9	19.6	29.4



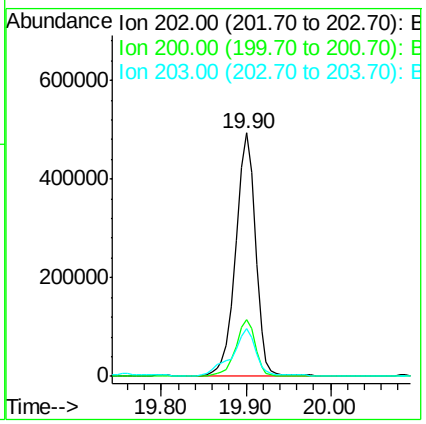


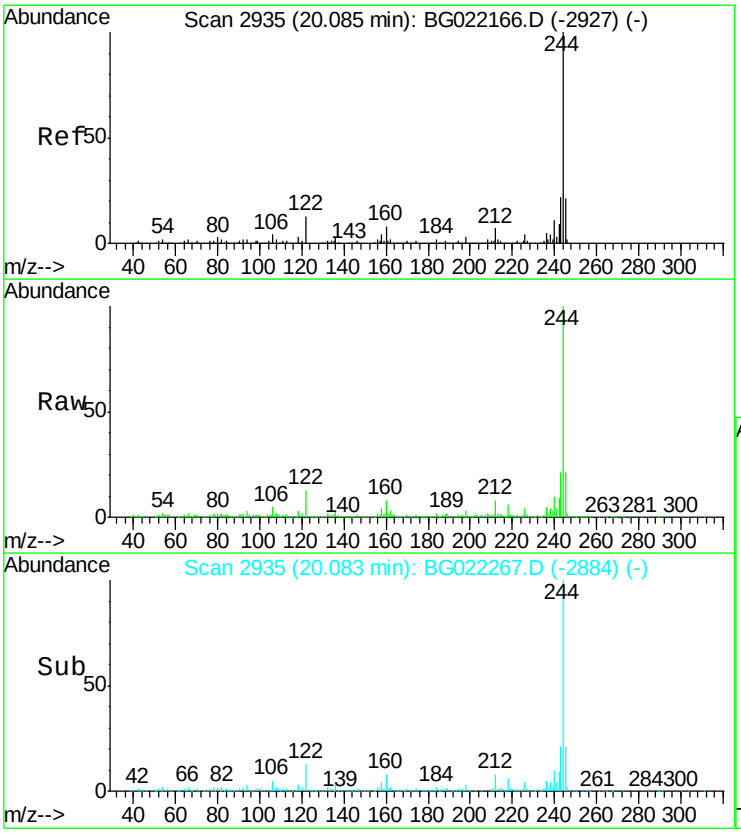
#77
Pyrene
Concen: 60.75 ng
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:202 Resp: 791682

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.2
203	19.7	15.0	22.4

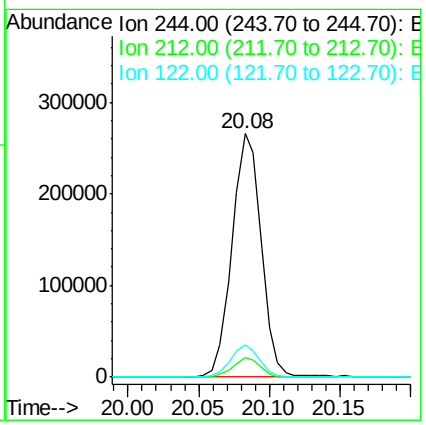


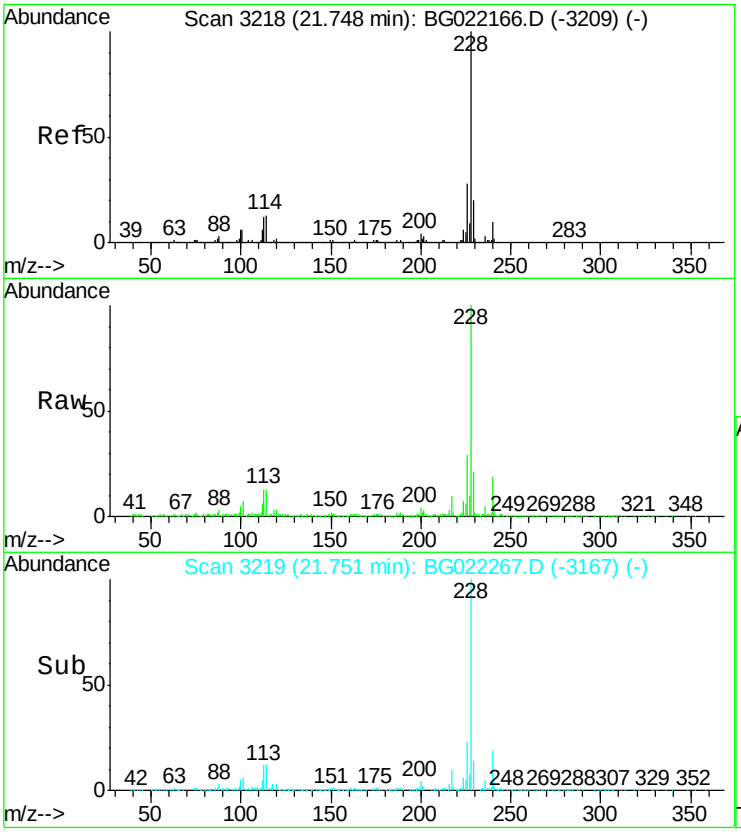


#78
Terphenyl-d14
Concen: 43.28 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:244 Resp: 382104

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	13.2	8.6	12.8#



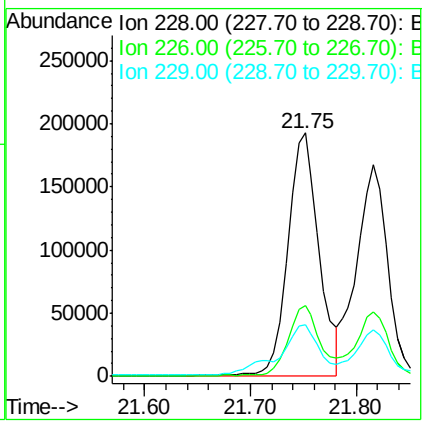


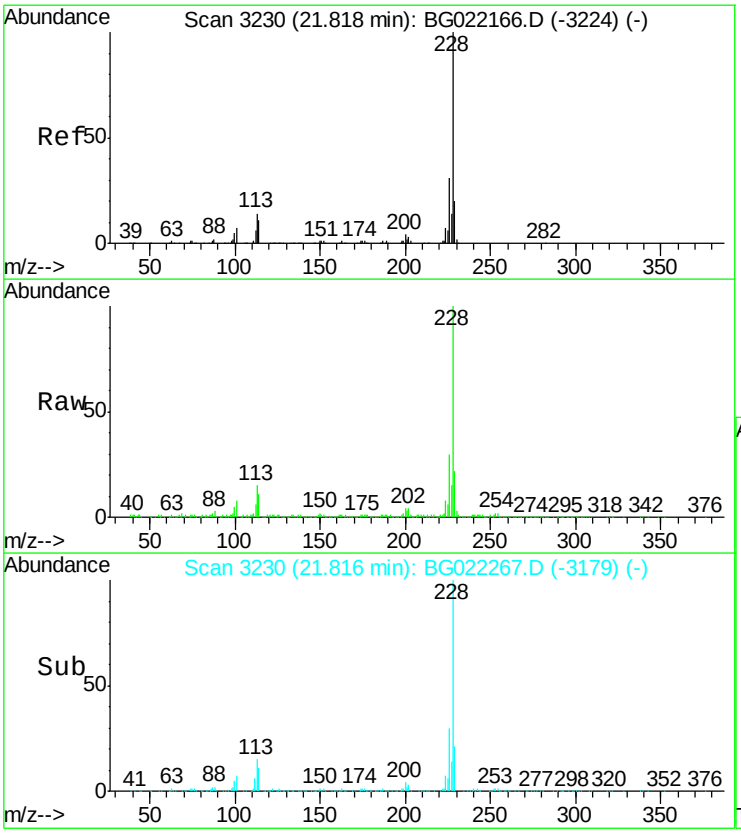
#80
Benzo(a)anthracene
Concen: 33.31 ng
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:228 Resp: 391544

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	21.3	16.1	24.1

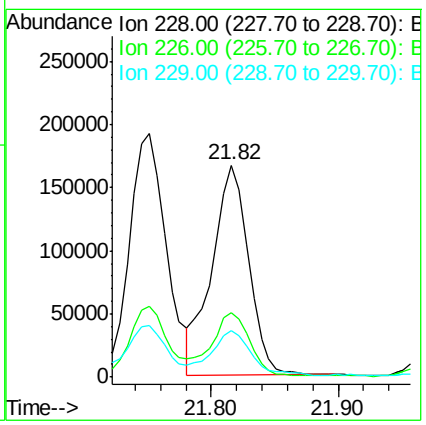


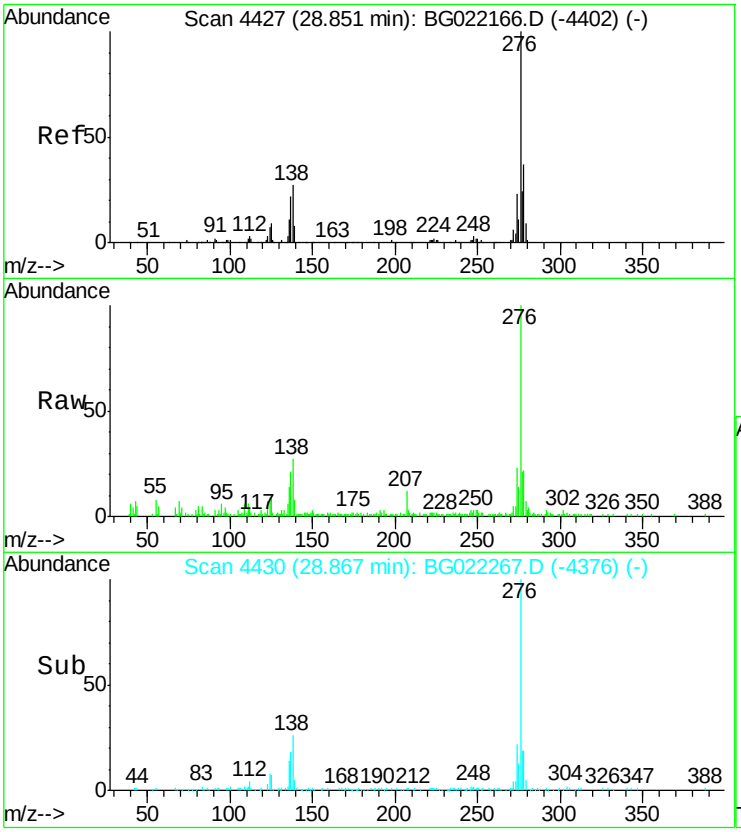


#82
Chrysene
Concen: 29.40 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:228 Resp: 336266

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	21.8	15.9	23.9



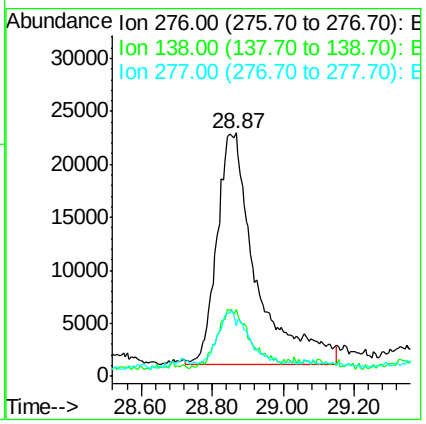


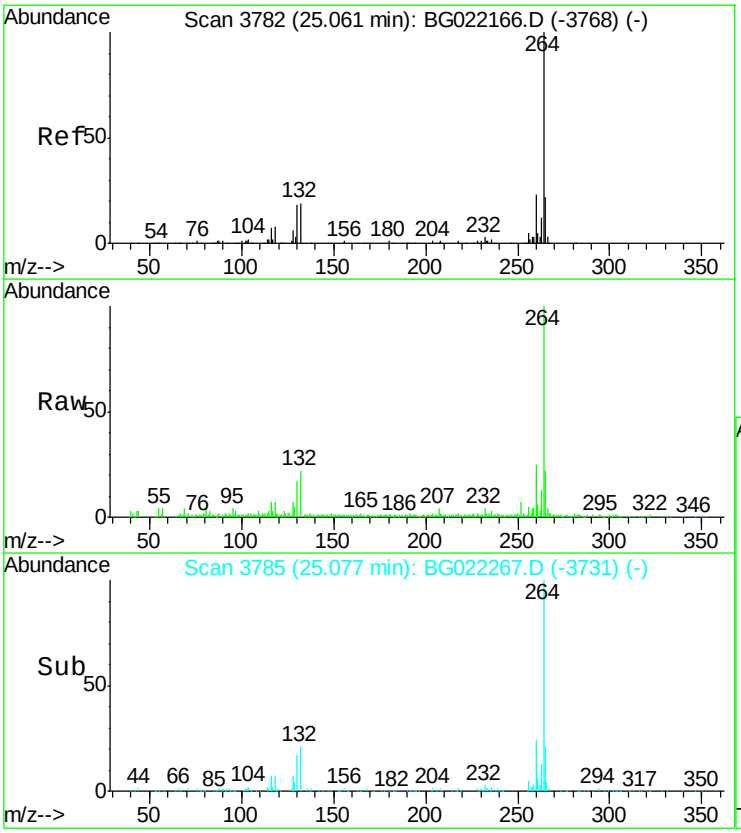
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.12 ng m
RT: 28.87 min Scan# 4430
Delta R.T. 0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:276 Resp: 168290

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.0	21.0#
277	9.8	20.6	30.8#

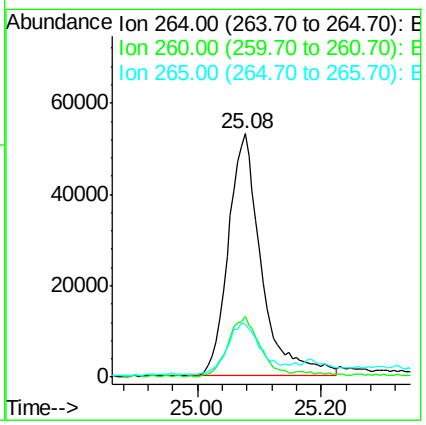


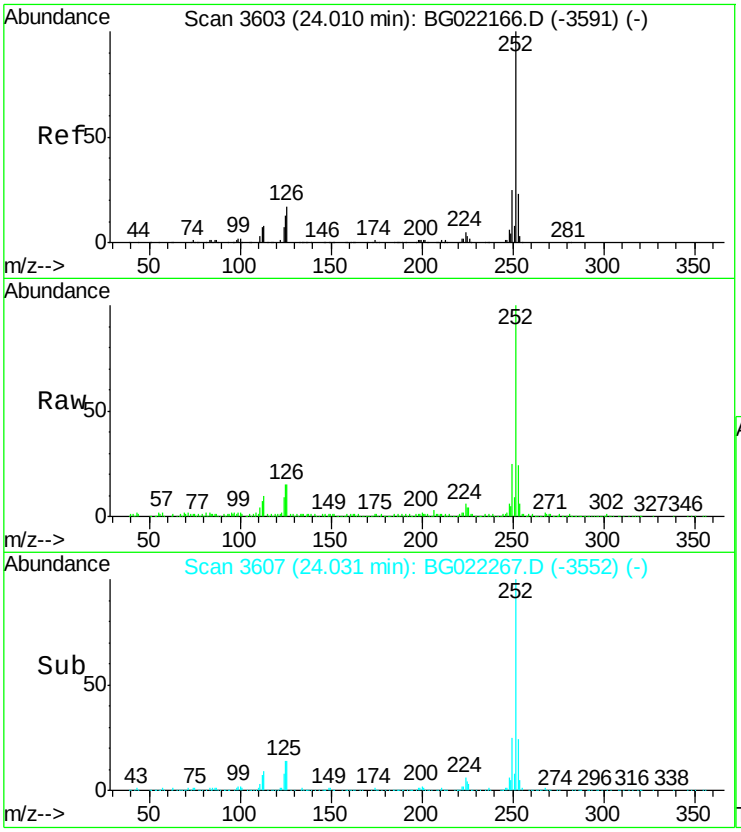


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3785
Delta R.T. 0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:264 Resp: 197782

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.4
265	21.8	17.8	26.8



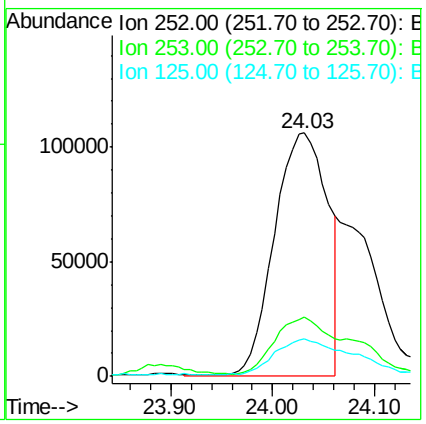


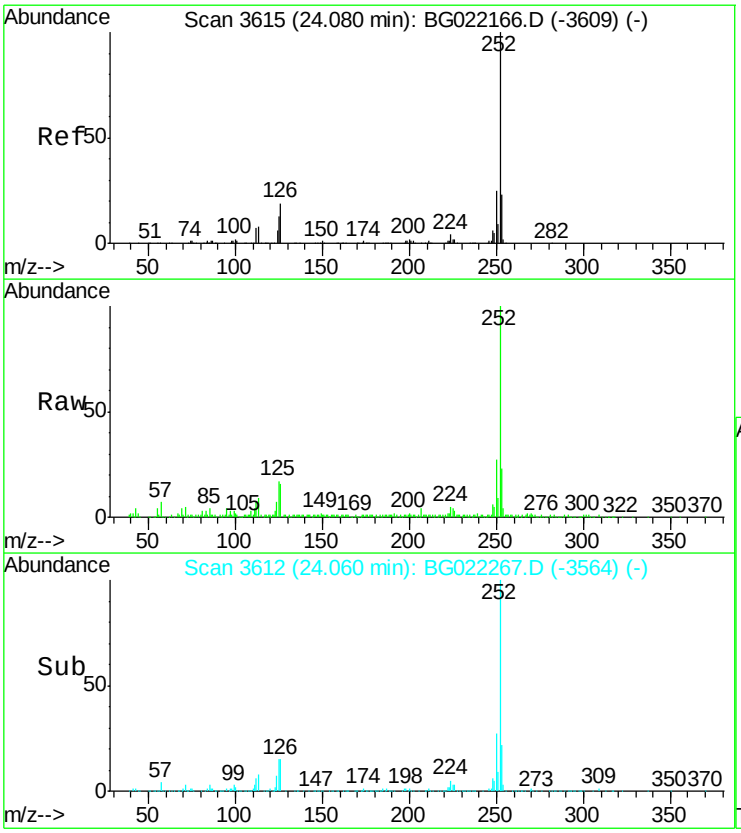
#87
Benzo(b)fluoranthene
Concen: 33.08 ng m
RT: 24.03 min Scan# 3607
Delta R.T. 0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:252 Resp: 381614

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	15.4	8.6	13.0#

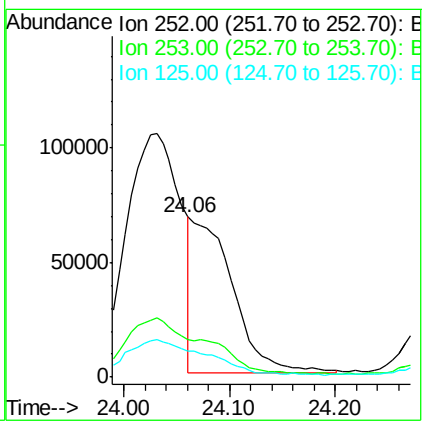


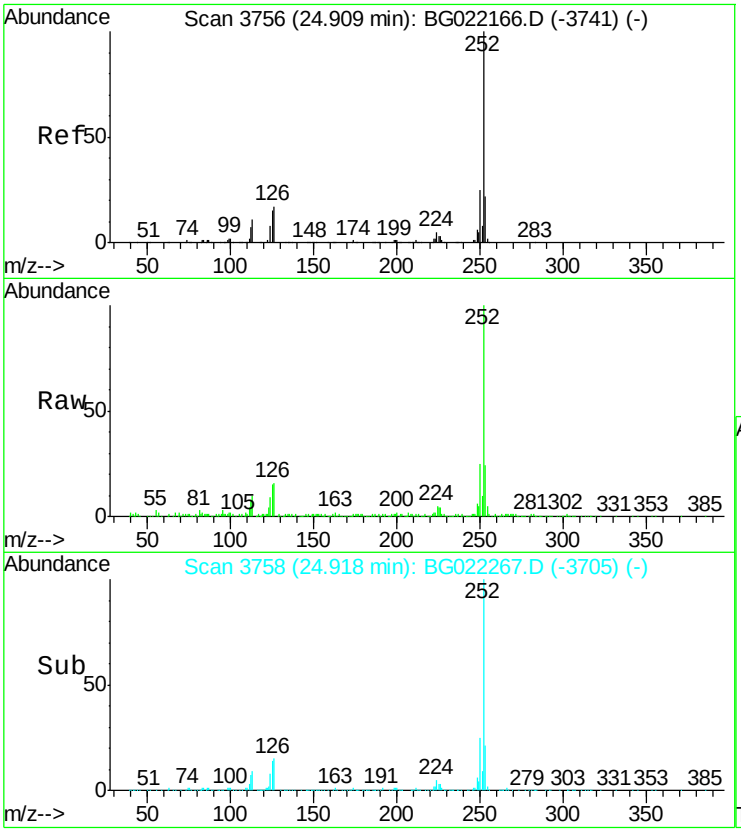


#88
Benzo(k)fluoranthene
Concen: 15.85 ng m
RT: 24.06 min Scan# 3612
Delta R.T. -0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:252 Resp: 180026

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	16.6	8.3	12.5#



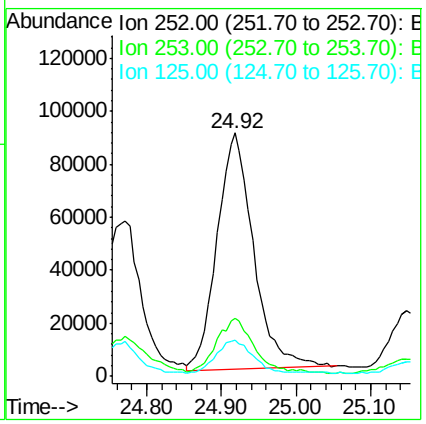


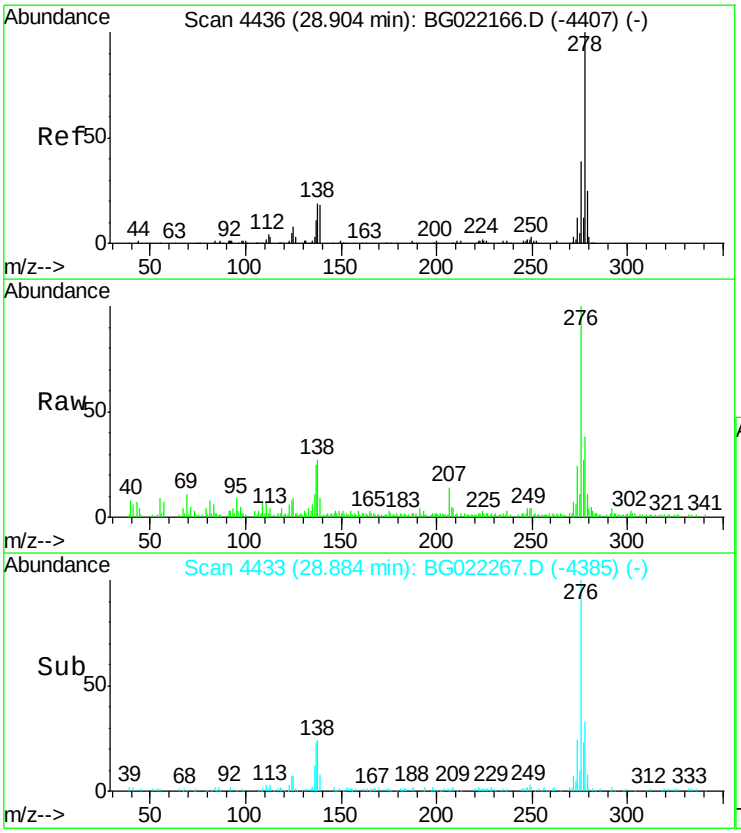
#89
Benzo(a)pyrene
Concen: 27.38 ng
RT: 24.92 min Scan# 3758
Delta R.T. 0.01 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:252 Resp: 301940

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.7	9.6	14.4#

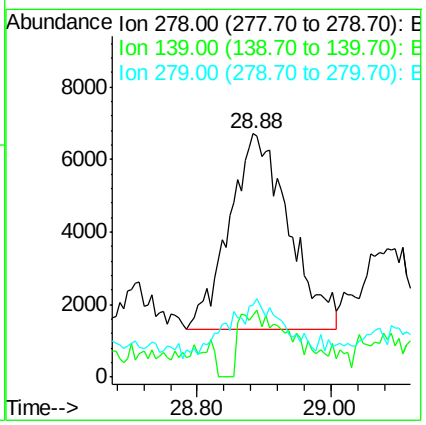


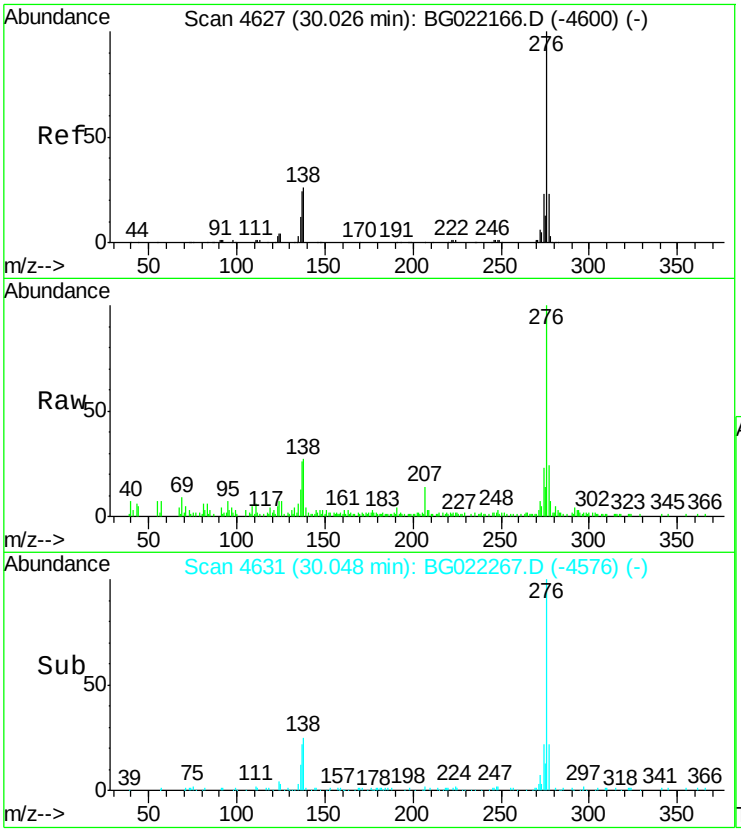


#90
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 28.88 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Tgt Ion:278 Resp: 33384

Ion	Ratio	Lower	Upper
278	100		
139	25.2	11.9	17.9#
279	29.6	18.2	27.2#





#91
Benzo(g,h,i)perylene
Concen: 15.25 ng m
RT: 30.05 min Scan# 4631
Delta R.T. 0.02 min
Lab File: BG022267.D
Acq: 9 Jun 2016 13:53

Instrument :
BNA_G
ClientSampleId :
SS-46

Tgt Ion:276 Resp: 164806

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	27.3	17.4	26.0#