Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016778.D
Acq On : 28 Apr 2015 23:05
Operator : TP/IZ
Sample : G2022-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-04-COMP

Quant Time: Apr 29 01:16:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	71731	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	300209	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	162692	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	298172	20.00	ng		0.00
75) Chrysene-d12	21.16	240	247470	20.00	ng		0.00
86) Perylene-d12	23.36	264	242605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	223779	50.62	ng		0.00
7) Phenol-d6	6.76	99	304795	49.15	ng		0.00
23) Nitrobenzene-d5	8.73	82	158563	33.37	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	59954	49.67	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	352899	34.85	ng		0.00
78) Terphenyl-d14	19.60	244	326086	30.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	8481	3.35	ng	#	1
18) Hexachloroethane	8.67	117	31933	15.68	ng	#	1
22) Acetophenone	8.36	105	55564	8.43	ng	#	52
31) Naphthalene	10.40	128	166699	10.53	ng		96
32) Benzoic acid	9.71	122	59	8.88	ng	#	1
37) 2-Methylnaphthalene	12.02	142	95676	8.37	ng		100
70) Phenanthrene	17.01	178	145009	8.47	ng		98
74) Fluoranthene	19.03	202	245005	13.50	ng		97
77) Pyrene	19.40	202	247102	14.21	ng		97
80) Benzo(a)anthracene	21.14	228	124856	8.32	ng		99
82) Chrysene	21.19	228	116686	8.11	ng		96
83) Bis(2-ethylhexyl)phthalate	21.08	149	155862	13.40	ng		100
85) Indeno(1,2,3-cd)pyrene	25.58	276	67989	4.34	ng	#	85
87) Benzo(b)fluoranthene	22.70	252	149685	10.16	ng		96
88) Benzo(k)fluoranthene	22.70	252	149685	10.41	ng		96
89) Benzo(a)pyrene	23.26	252	116636	8.40	ng		94
91) Benzo(g,h,i)perylene	26.27	276	62877	4.58	ng		96

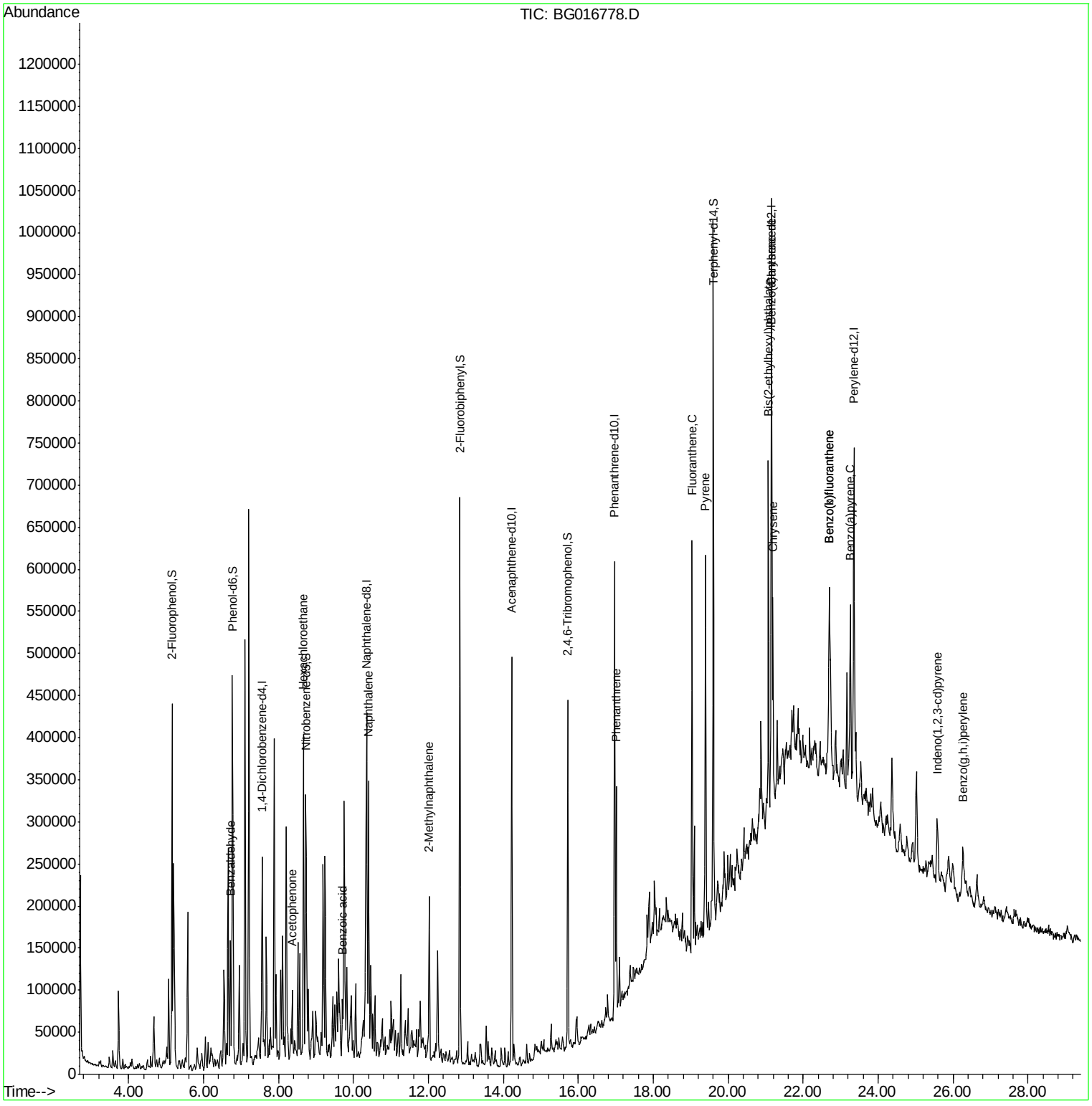
(#) = qualifier out of range (m) = manual integration (+) = signals summed

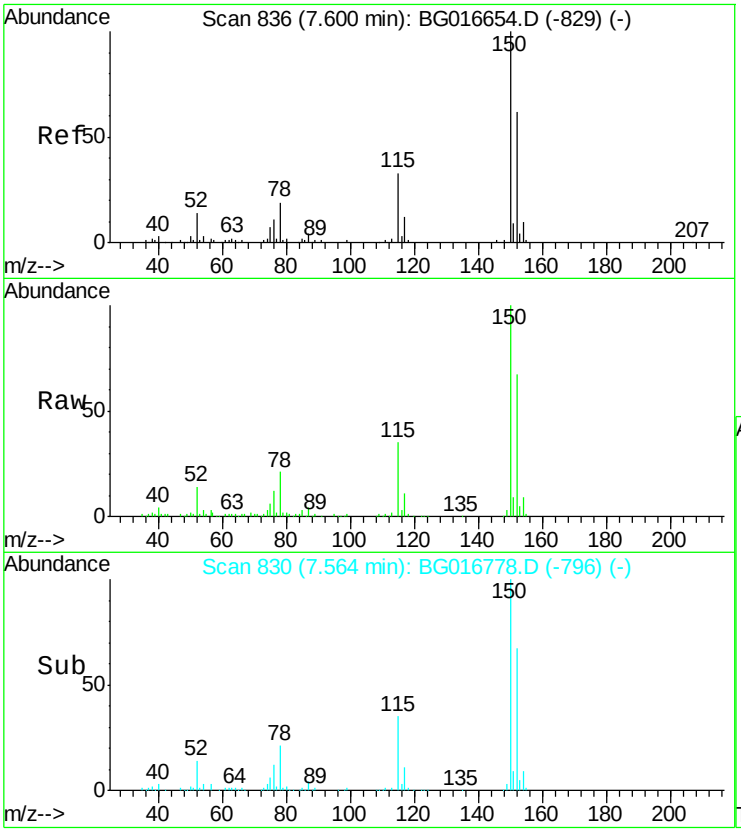
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016778.D
Acq On : 28 Apr 2015 23:05
Operator : TP/IZ
Sample : G2022-04 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Quant Time: Apr 29 01:16:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration



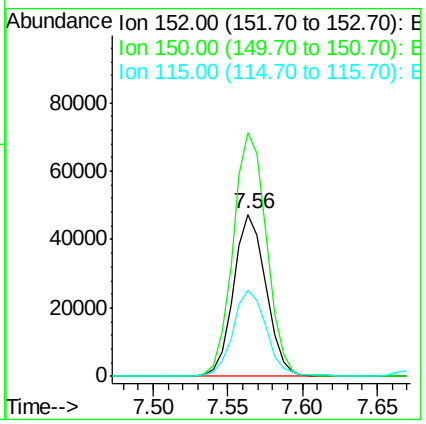


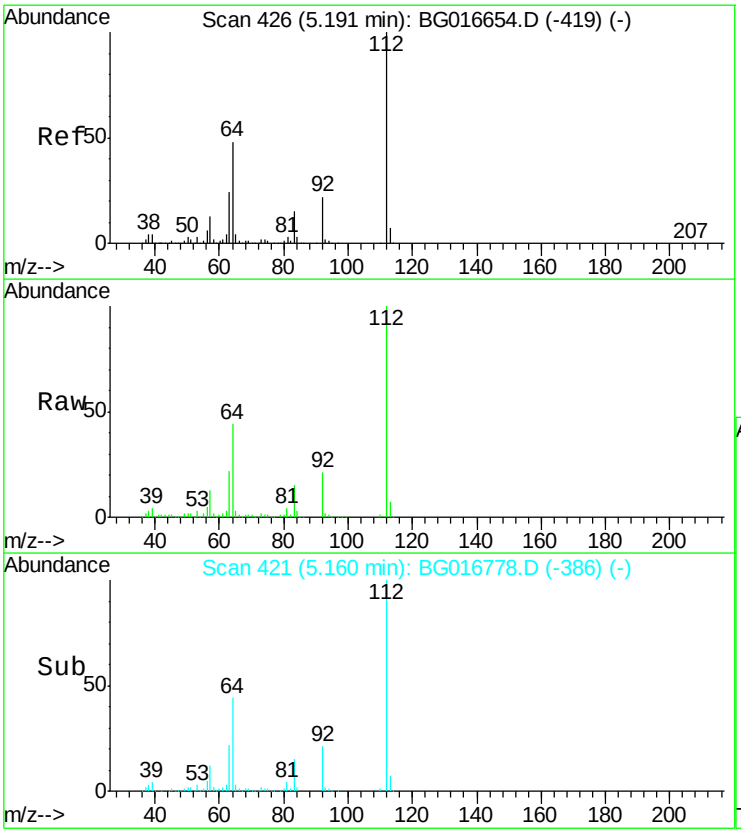
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:152 Resp: 71731

Ion	Ratio	Lower	Upper
152	100		
150	150.0	129.6	194.4
115	53.1	43.0	64.6

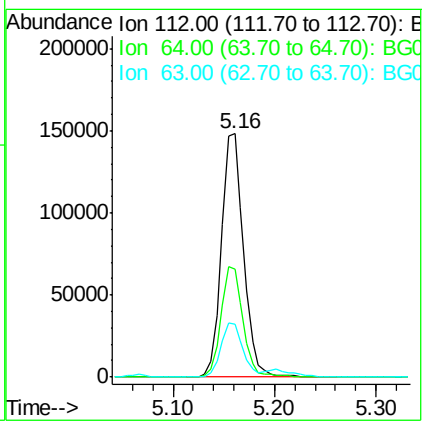


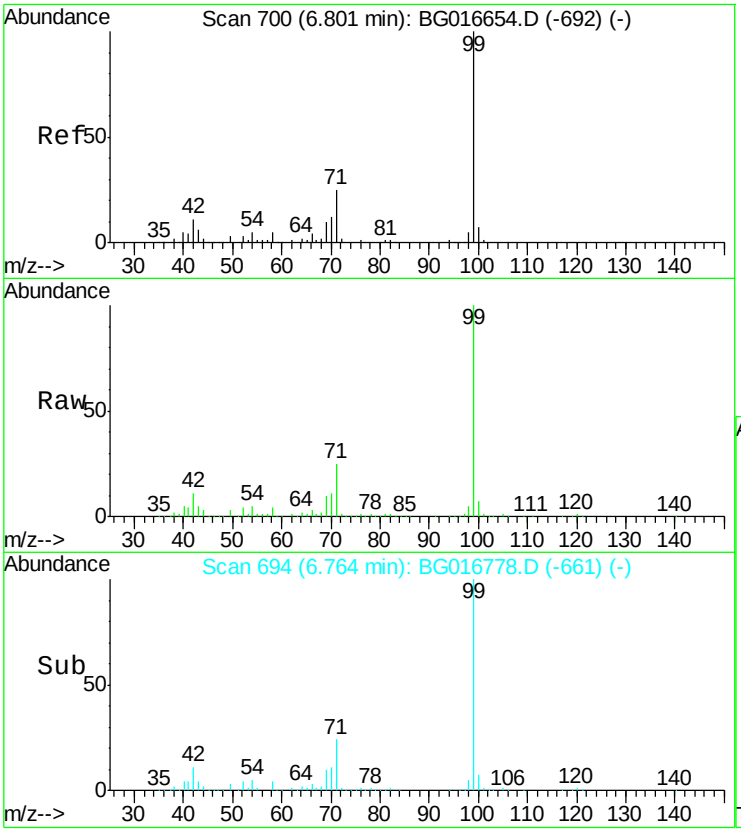


#5
2-Fluorophenol
Concen: 50.62 ng
RT: 5.16 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:112 Resp: 223779

Ion	Ratio	Lower	Upper
112	100		
64	44.3	38.3	57.5
63	21.6	18.9	28.3



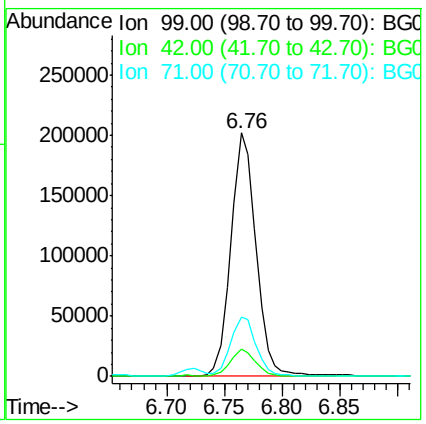


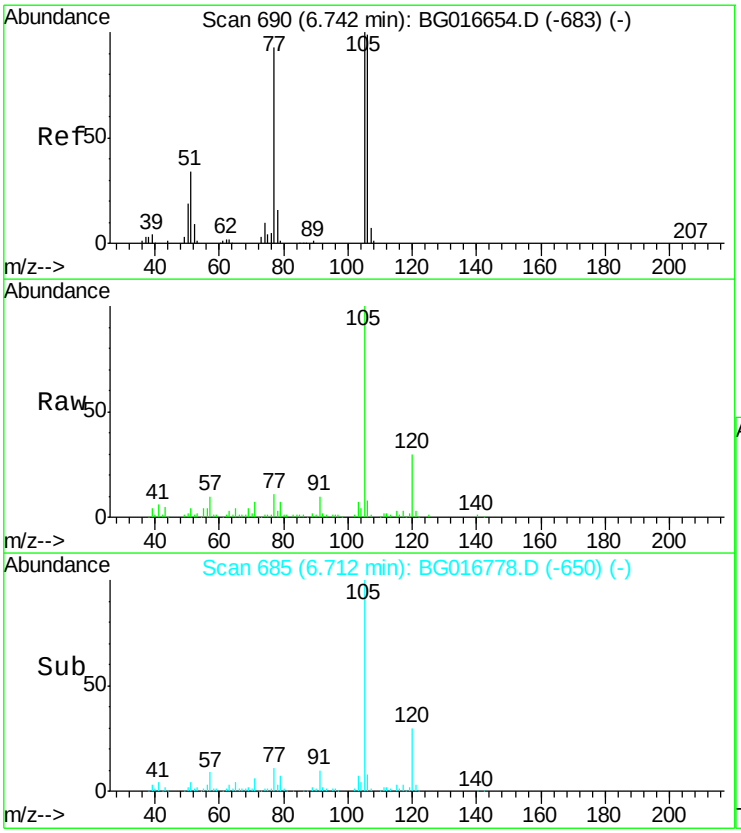
#7
Phenol-d6
Concen: 49.15 ng
RT: 6.76 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion: 99 Resp: 304795

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.8	13.2
71	24.5	19.9	29.9

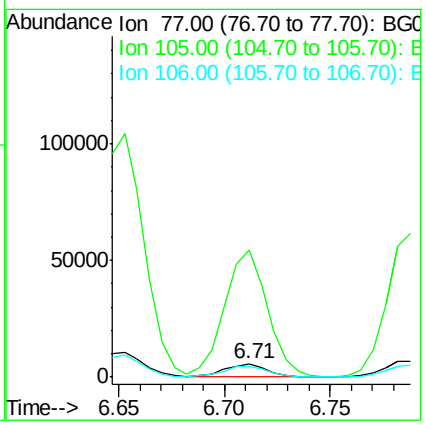


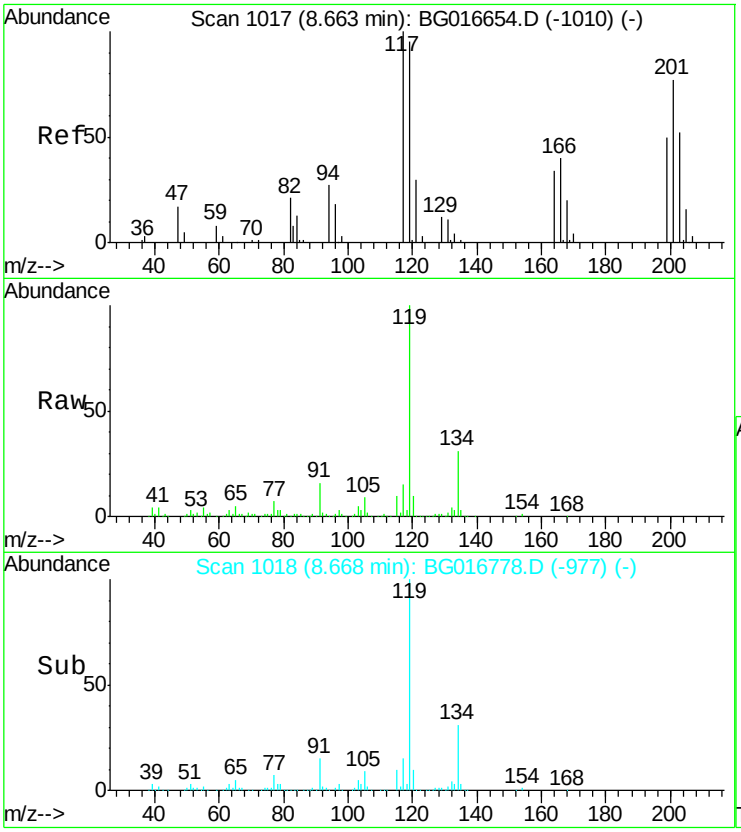


#9
Benzaldehyde
Concen: 3.35 ng
RT: 6.71 min Scan# 685
Delta R.T. 0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion: 77 Resp: 8481

Ion	Ratio	Lower	Upper
77	100		
105	924.8	88.0	128.0#
106	77.4	86.6	126.6#



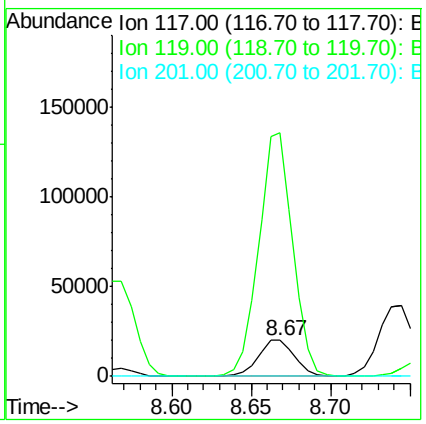


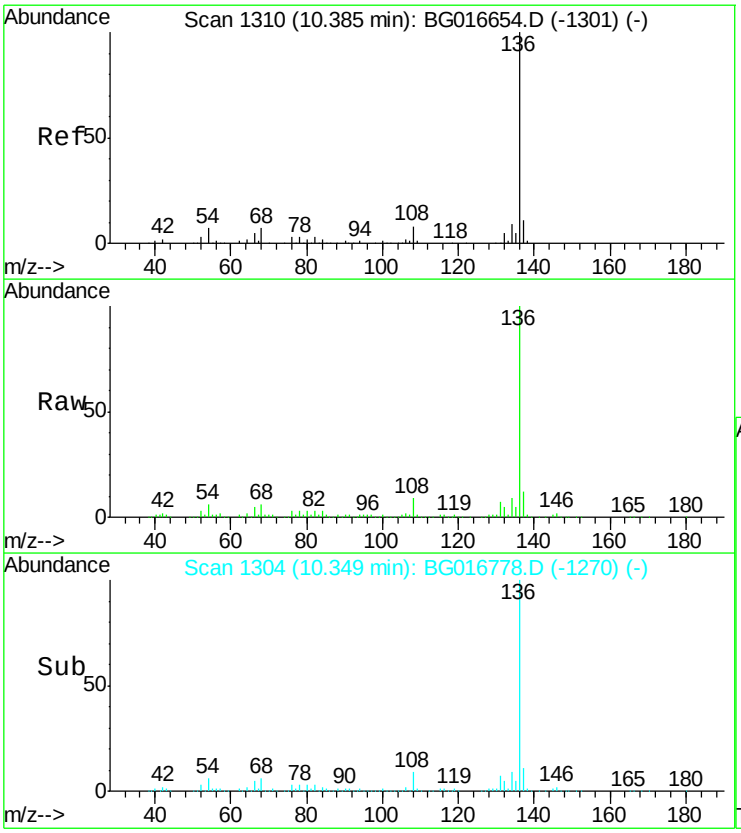
#18
Hexachloroethane
Concen: 15.68 ng
RT: 8.67 min Scan# 1018
Delta R.T. 0.04 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:117 Resp: 31933

Ion	Ratio	Lower	Upper
117	100		
119	674.8	76.3	114.5#
201	0.0	61.5	92.3#

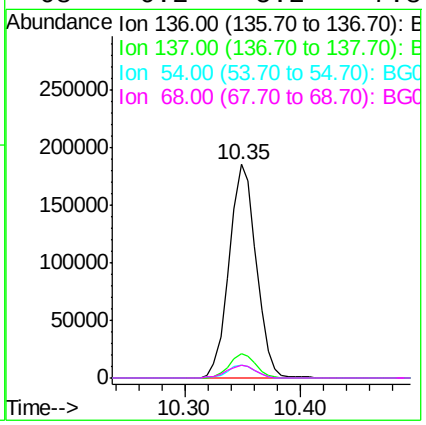


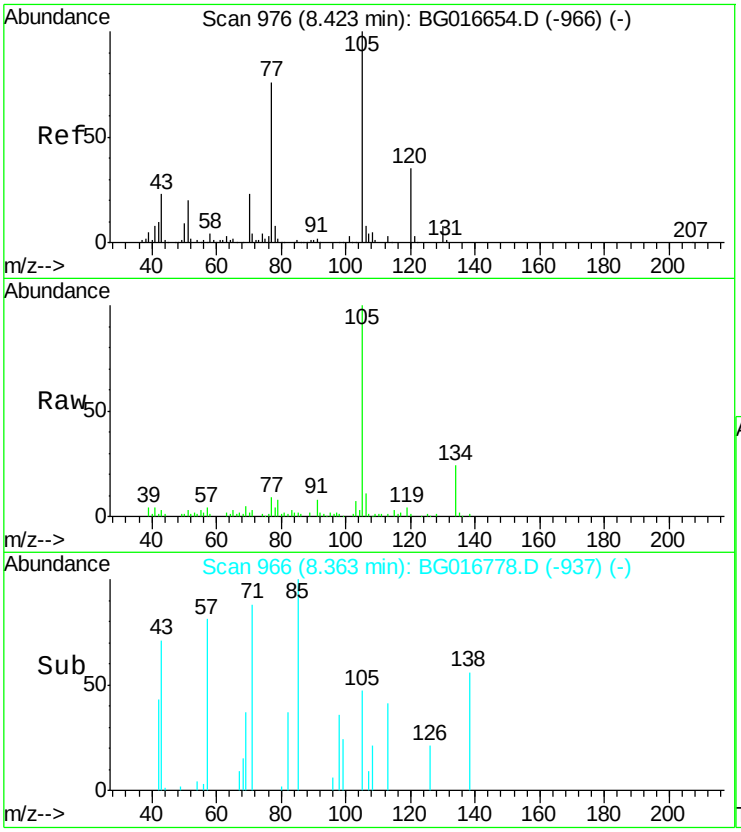


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:136 Resp: 300209

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	6.0	5.4	8.2
68	6.2	5.2	7.8



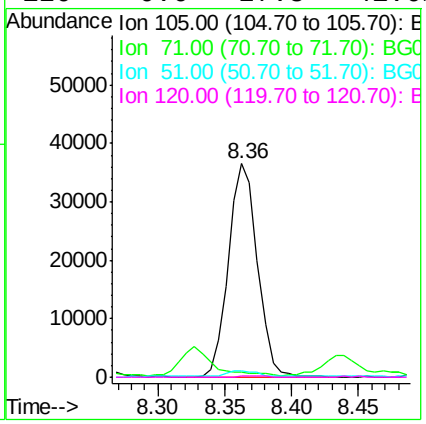


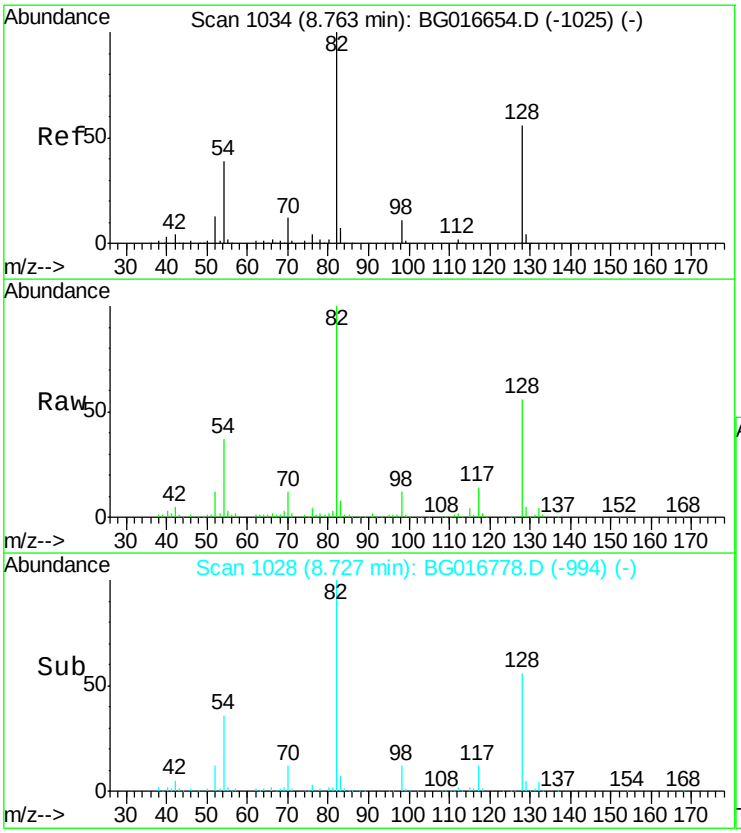
#22
Acetophenone
Concen: 8.43 ng
RT: 8.36 min Scan# 966
Delta R.T. -0.03 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:105 Resp: 55564

Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.0	4.4#
51	3.0	16.5	24.7#
120	0.6	27.8	41.6#

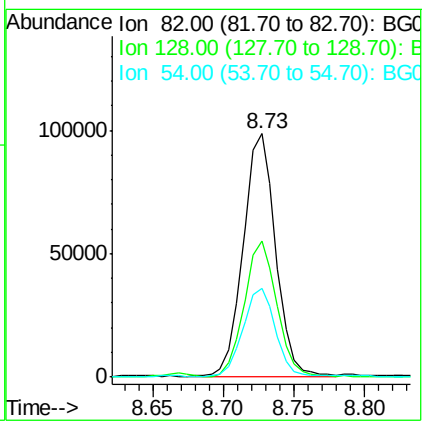


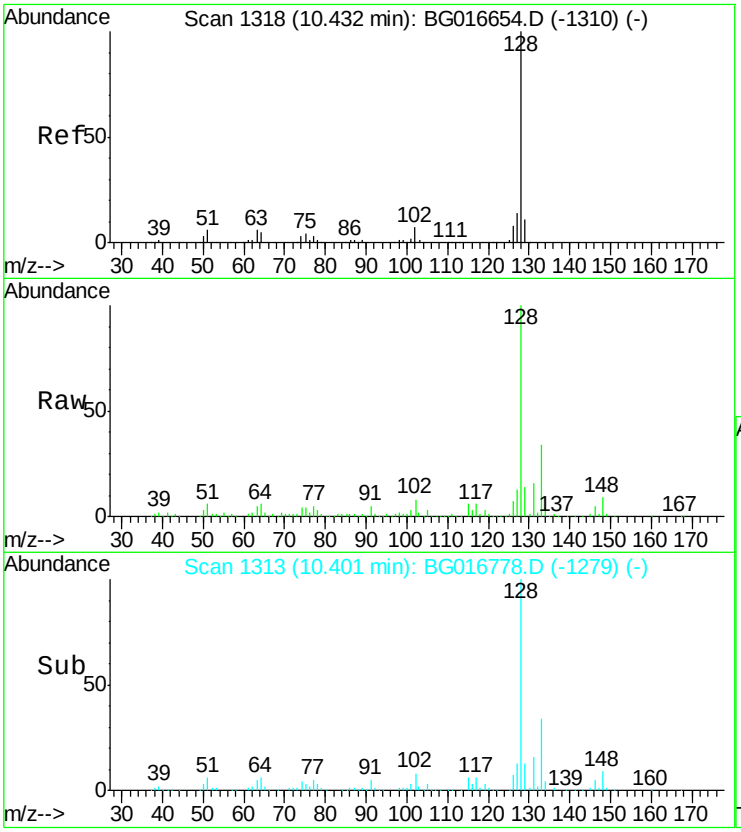


#23
Nitrobenzene-d5
Concen: 33.37 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion: 82 Resp: 158563

Ion	Ratio	Lower	Upper
82	100		
128	56.0	44.7	67.1
54	36.5	30.9	46.3



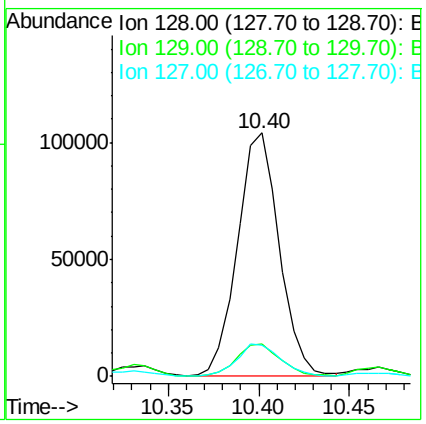


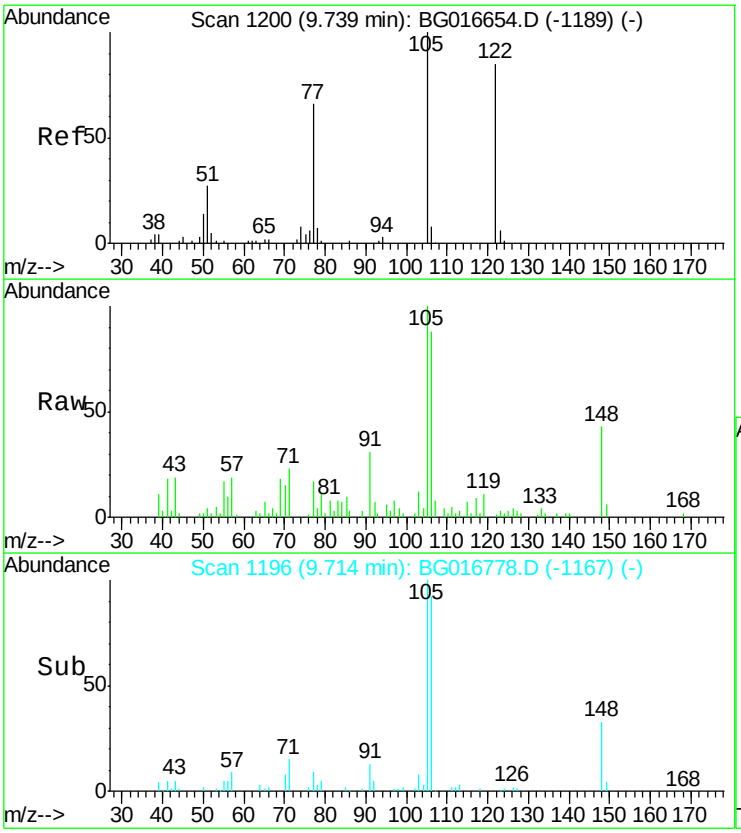
#31
Naphthalene
Concen: 10.53 ng
RT: 10.40 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:128 Resp: 166699

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.0	13.6
127	13.0	11.1	16.7

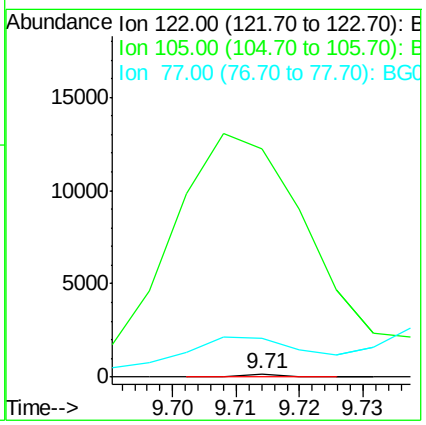


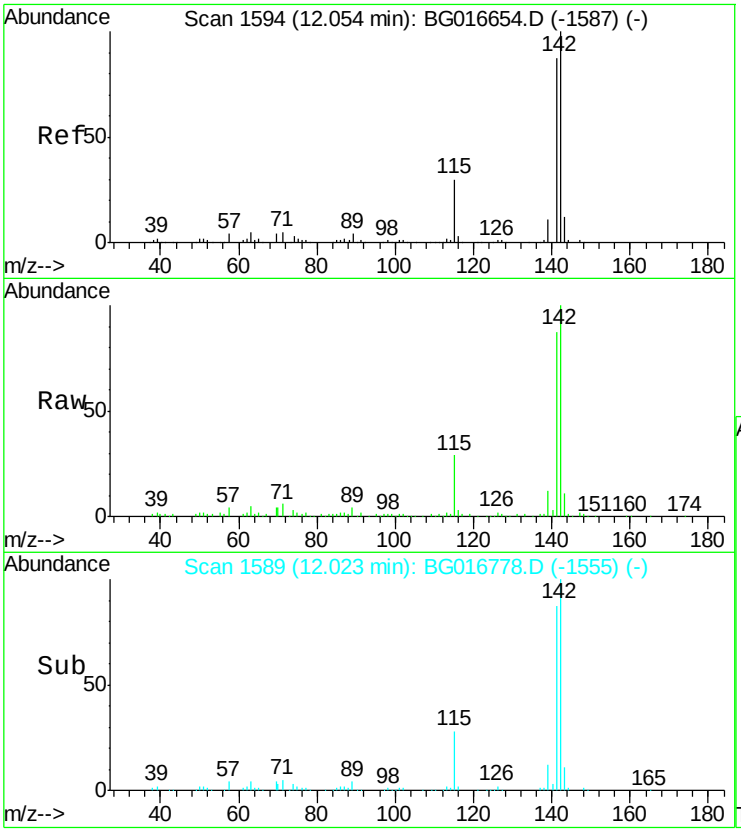


#32
Benzoic acid
Concen: 8.88 ng
RT: 9.71 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	7334.1	97.2	137.2#
77	1258.1	58.4	98.4#



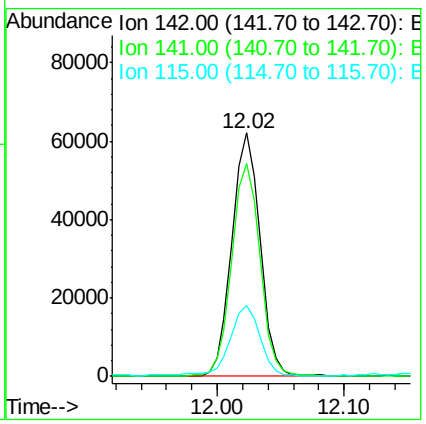


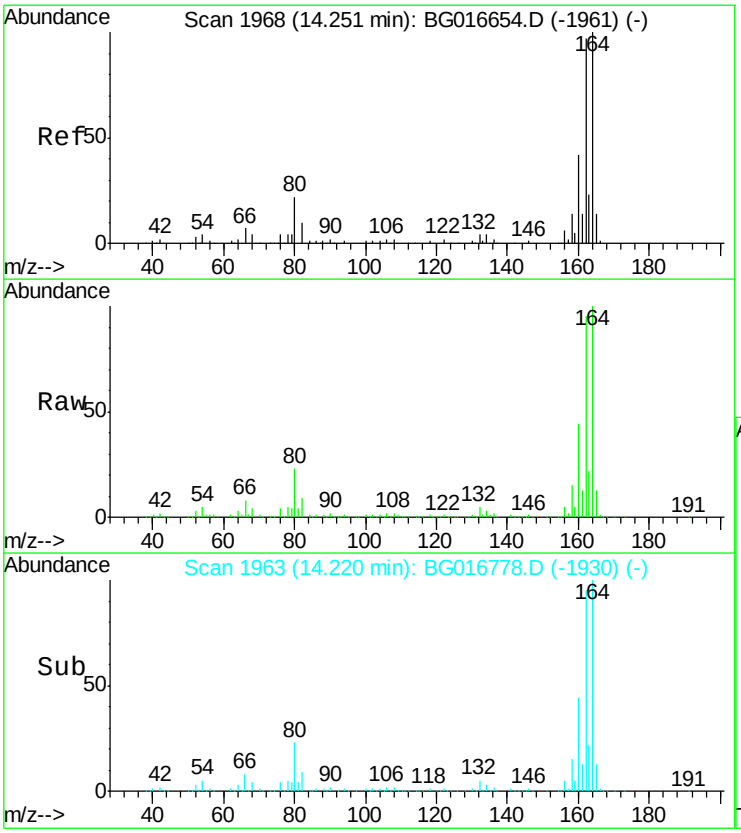
#37
2-Methylnaphthalene
Concen: 8.37 ng
RT: 12.02 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:142 Resp: 95676

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9
115	29.2	24.0	36.0

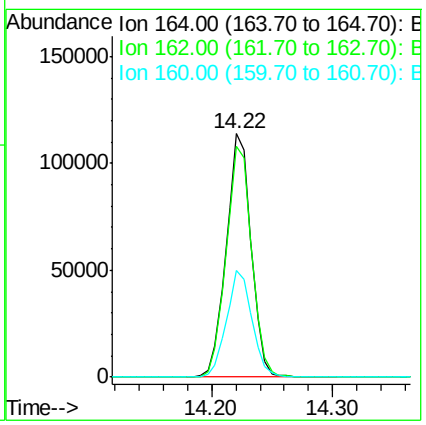


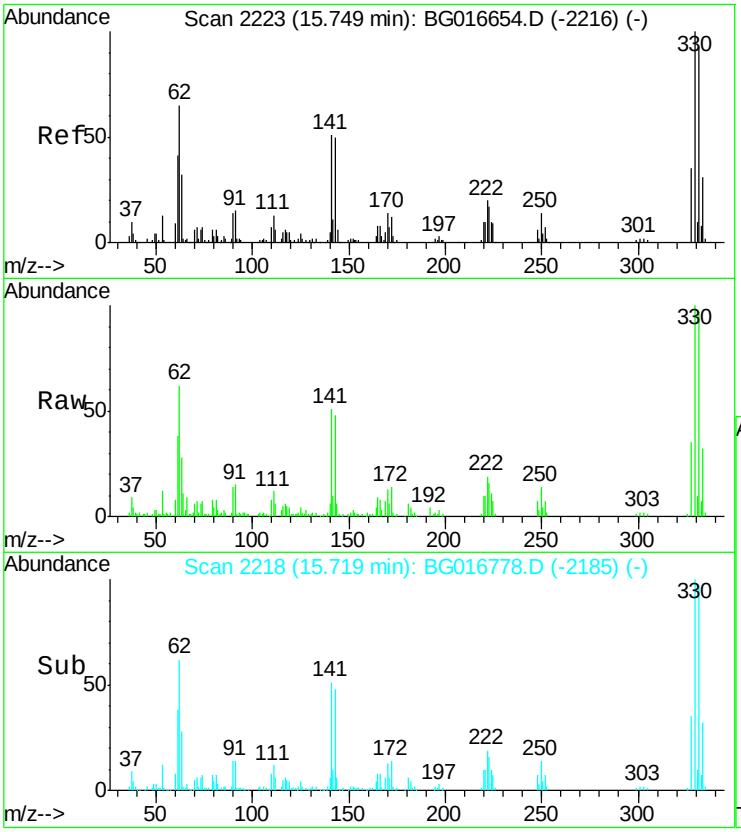


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:164 Resp: 162692

Ion	Ratio	Lower	Upper
164	100		
162	94.9	77.3	115.9
160	43.7	33.7	50.5



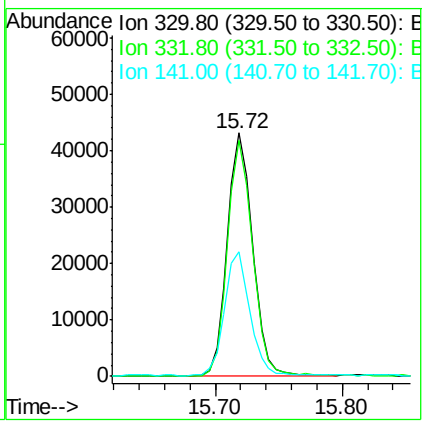


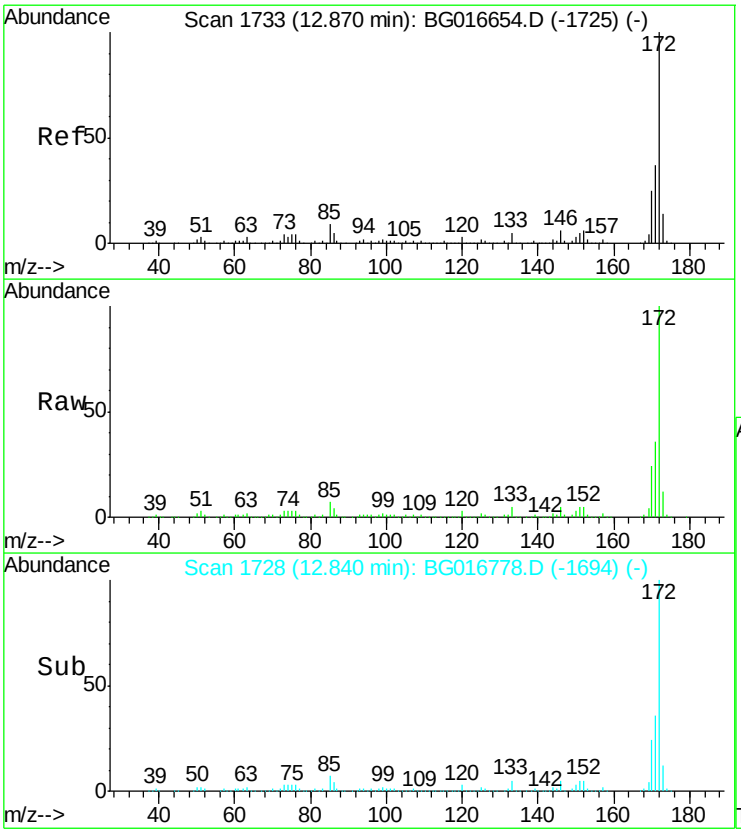
#41
2,4,6-Tribromophenol
Concen: 49.67 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:330 Resp: 59954

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	51.3	43.0	64.6

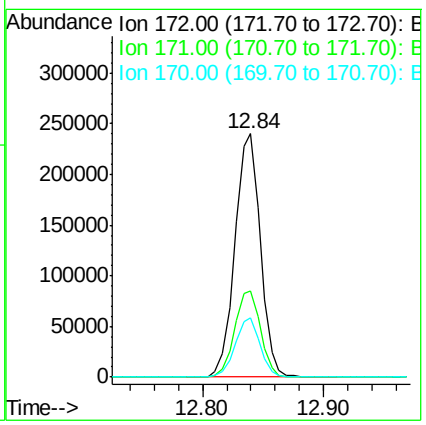


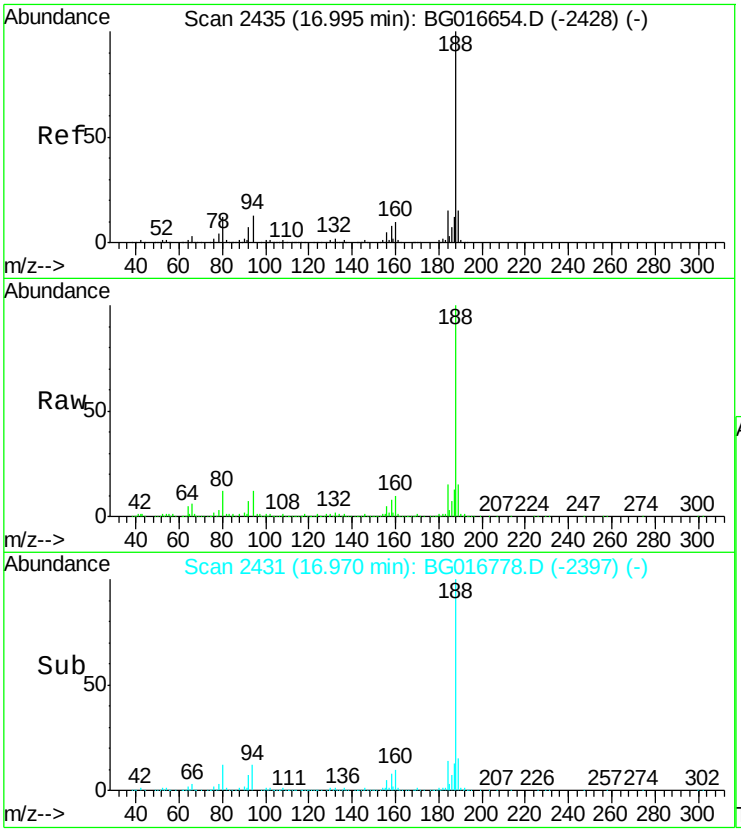


#44
2-Fluorobiphenyl
Concen: 34.85 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:172 Resp: 352899

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	24.2	19.8	29.8



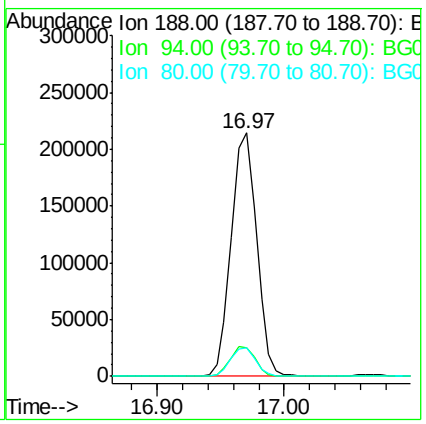


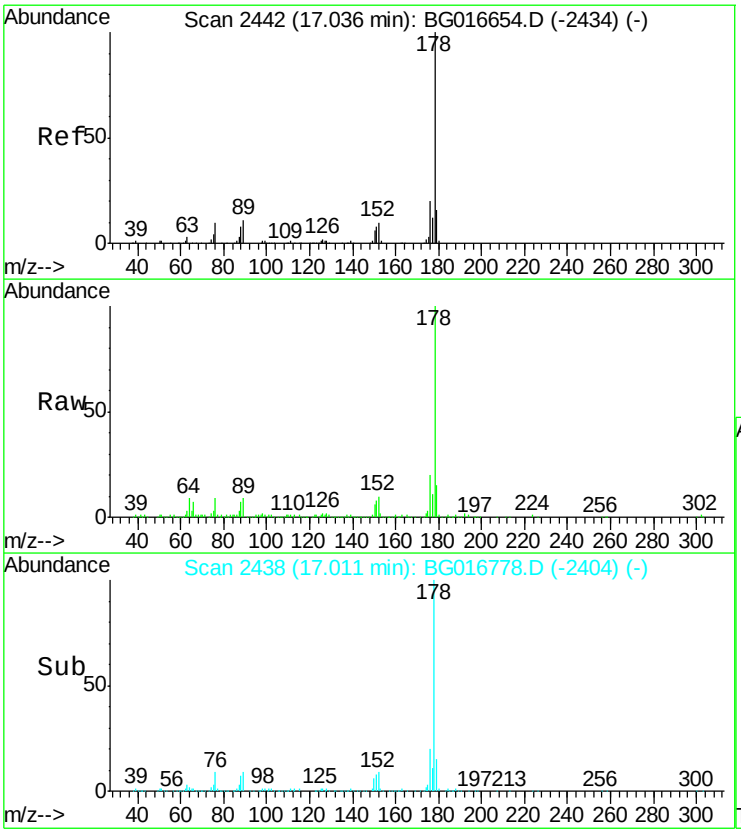
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:188 Resp: 298172

Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.7	16.1
80	11.5	9.9	14.9

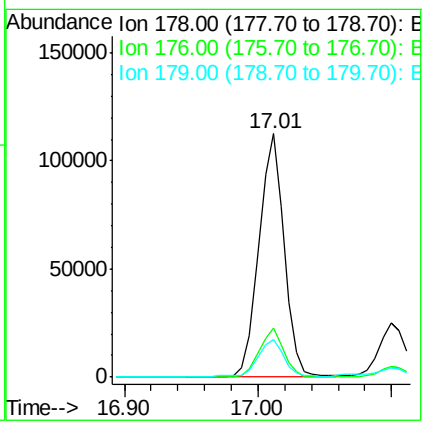


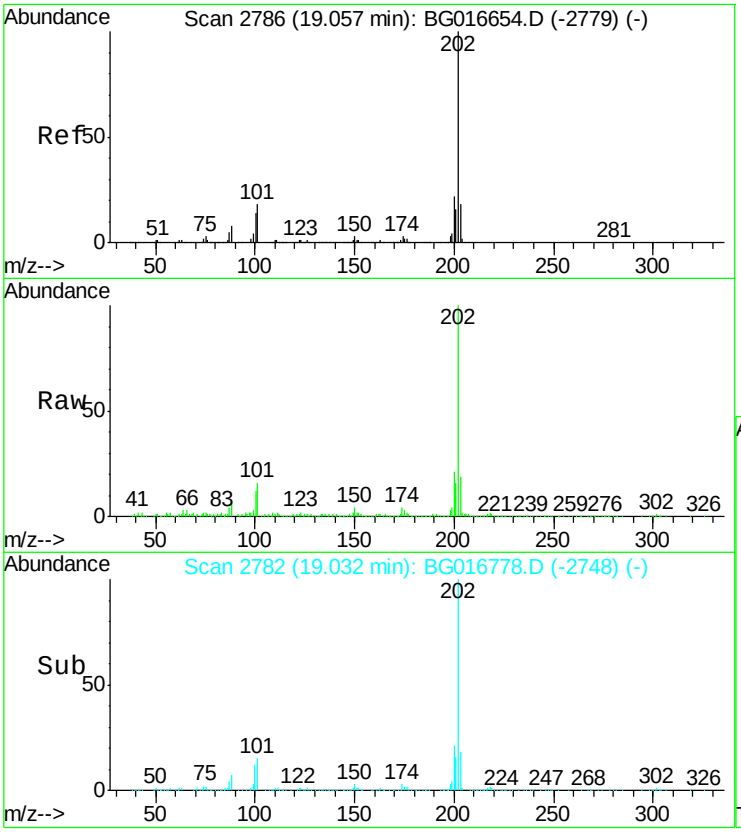


#70
Phenanthrene
Concen: 8.47 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:178 Resp: 145009

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	15.2	12.8	19.2



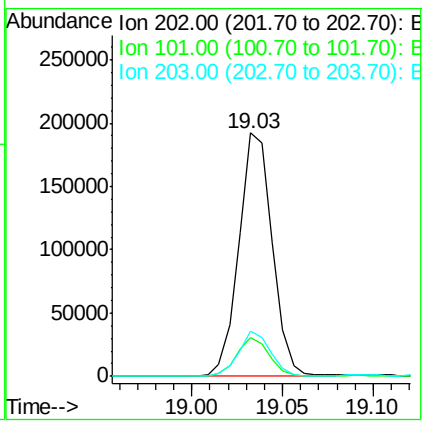


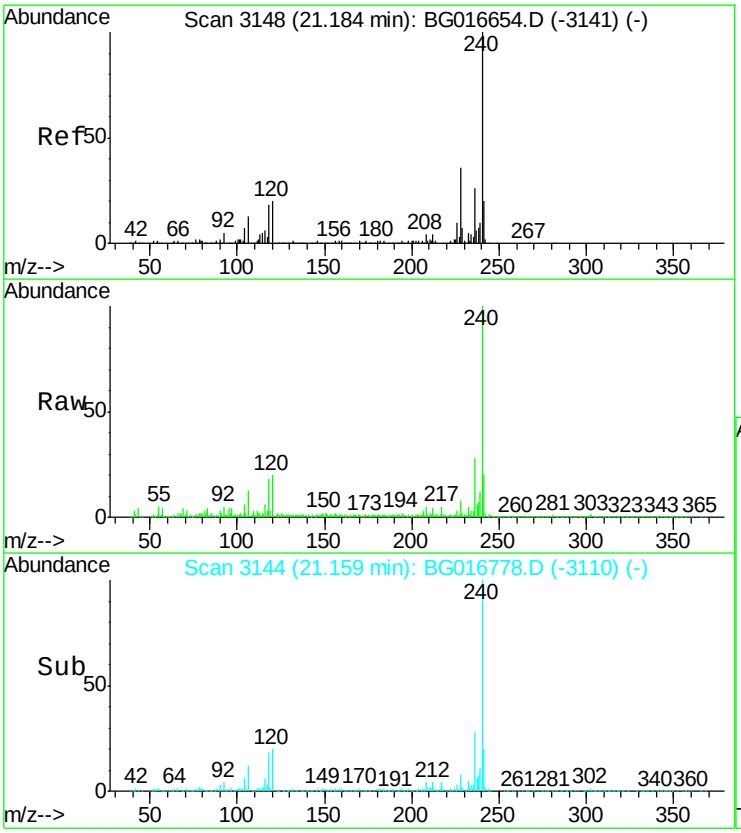
#74
Fluoranthene
Concen: 13.50 ng
RT: 19.03 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:202 Resp: 245005

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	38.1
203	18.5	0.0	38.4

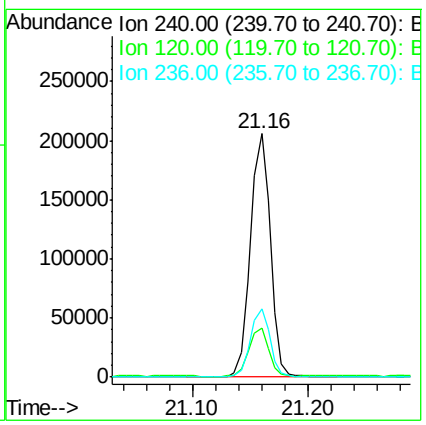


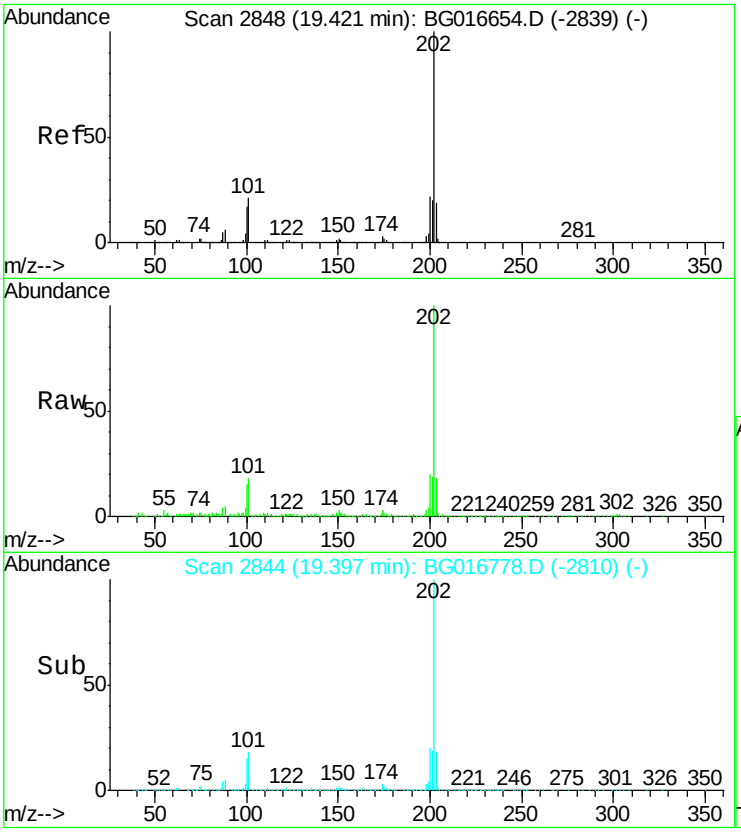


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:240 Resp: 247470

Ion	Ratio	Lower	Upper
240	100		
120	20.0	16.3	24.5
236	27.8	21.1	31.7



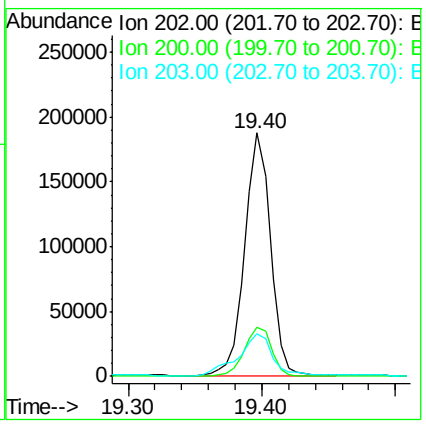


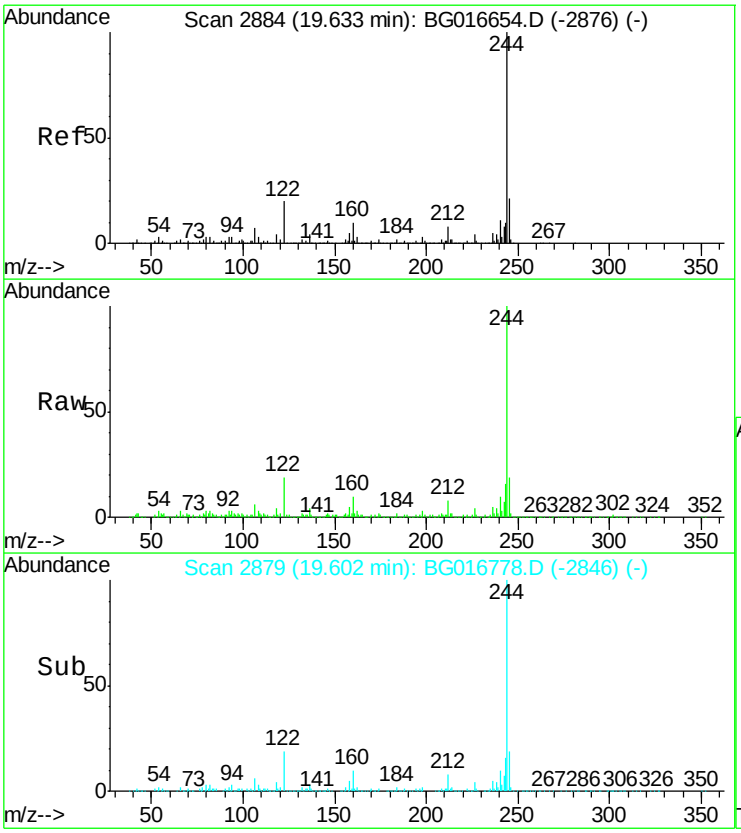
#77
Pyrene
Concen: 14.21 ng
RT: 19.40 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:202 Resp: 247102

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	17.7	14.9	22.3

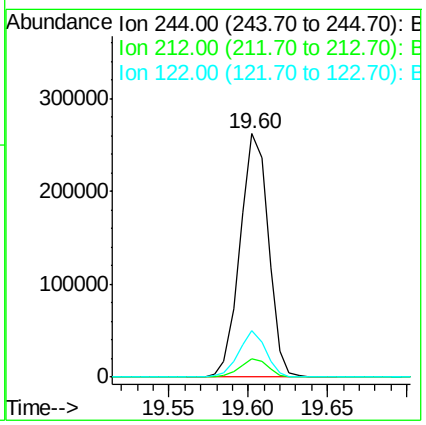


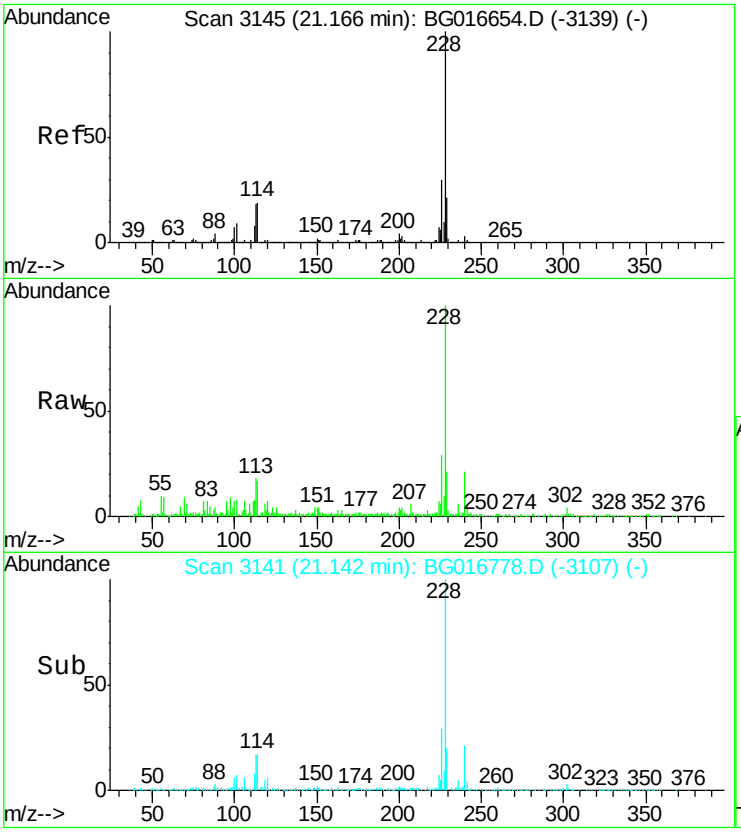


#78
Terphenyl-d14
Concen: 30.35 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:244 Resp: 326086

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	19.1	15.9	23.9



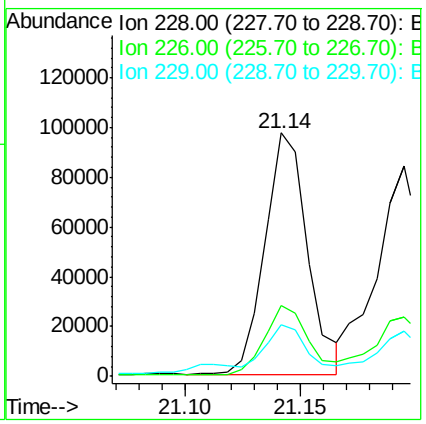


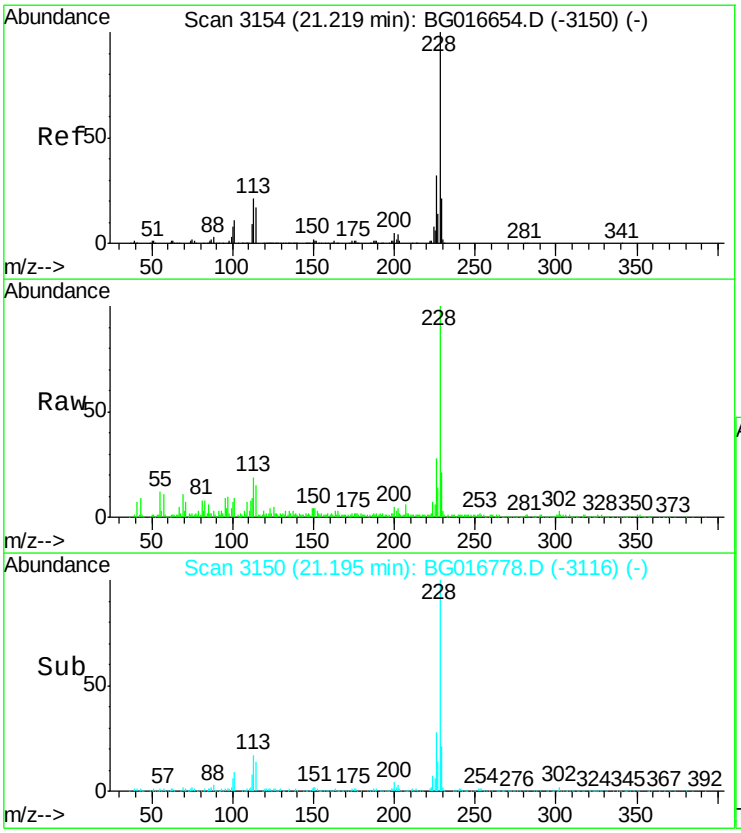
#80
Benzo(a)anthracene
Concen: 8.32 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:228 Resp: 124856

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	21.4	17.0	25.4

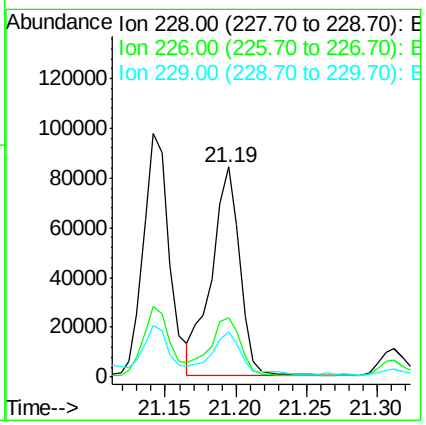


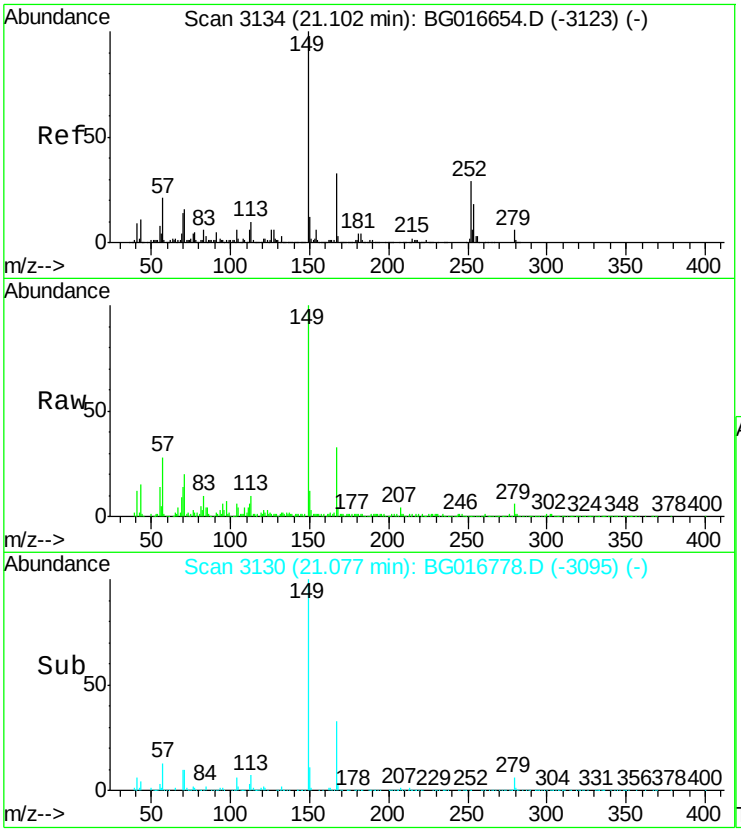


#82
Chrysene
Concen: 8.11 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:228 Resp: 116686

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.4	38.0
229	21.4	16.5	24.7



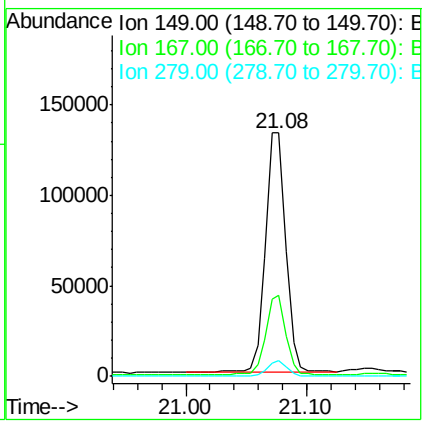


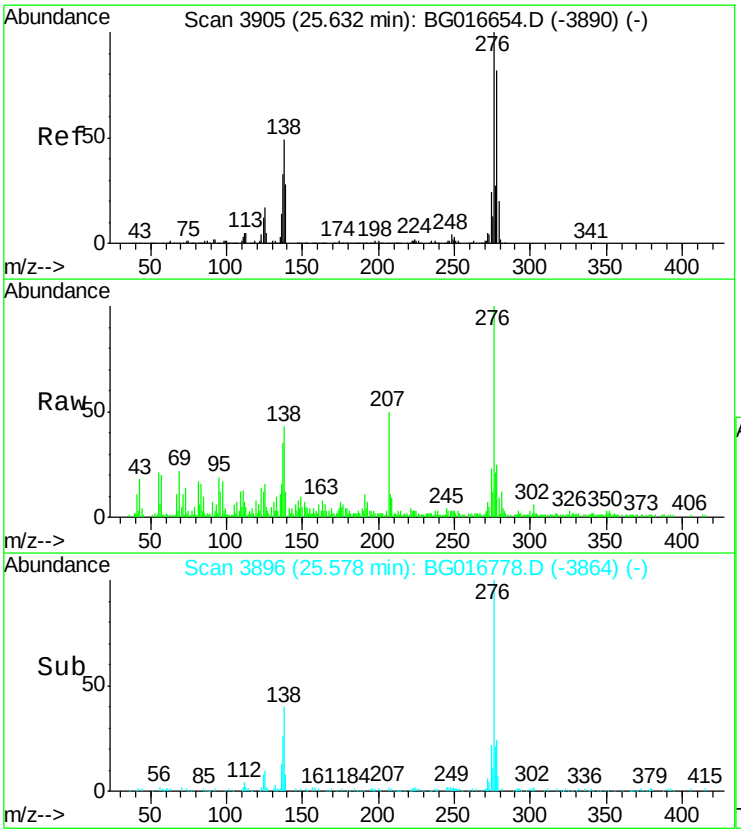
#83
Bis(2-ethylhexyl)phthalate
Concen: 13.40 ng
RT: 21.08 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:149 Resp: 155862

Ion	Ratio	Lower	Upper
149	100		
167	33.0	26.6	39.8
279	6.5	5.1	7.7

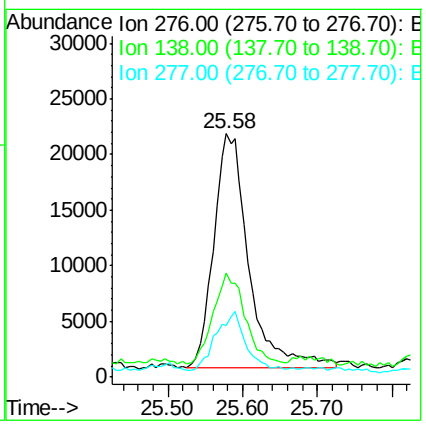


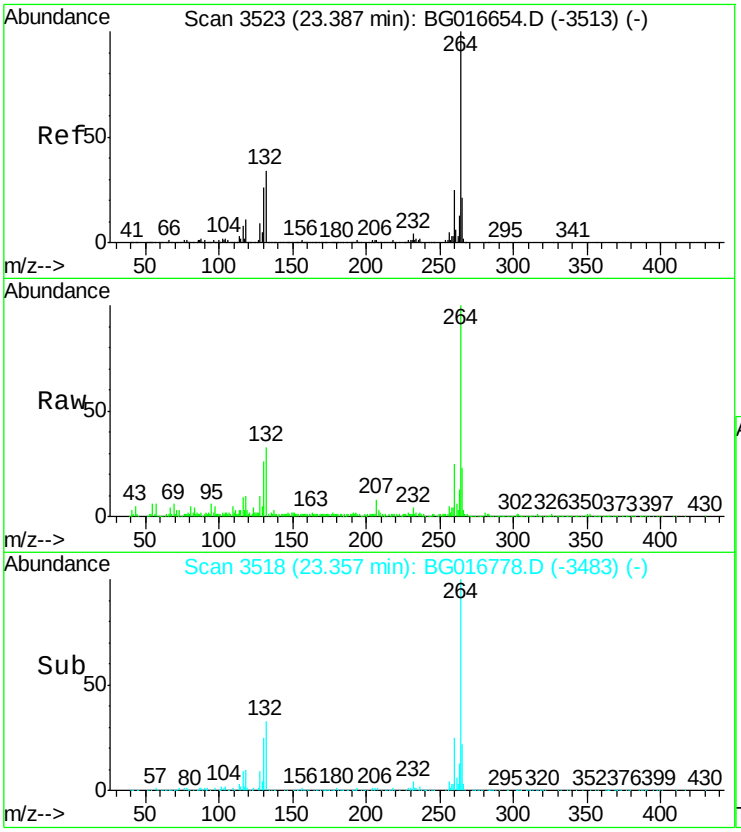


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.34 ng
RT: 25.58 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:276 Resp: 67989

Ion	Ratio	Lower	Upper
276	100		
138	35.7	38.2	57.2#
277	21.6	21.4	32.2



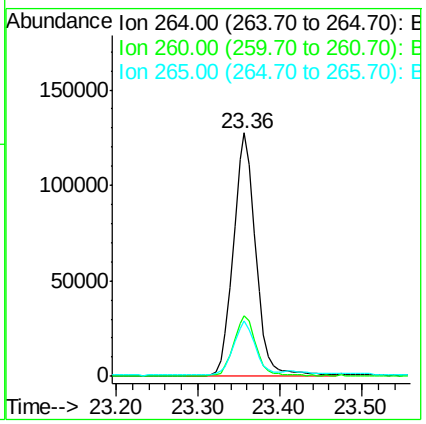


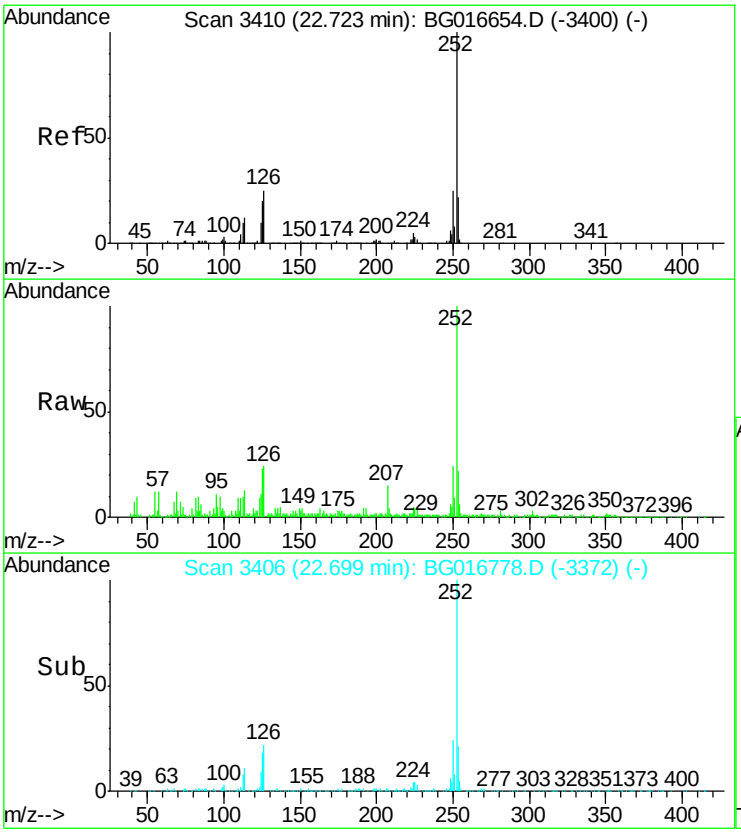
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:264 Resp: 242605

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.8	16.8	25.2

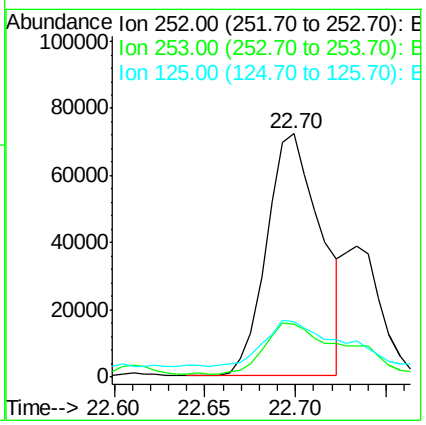


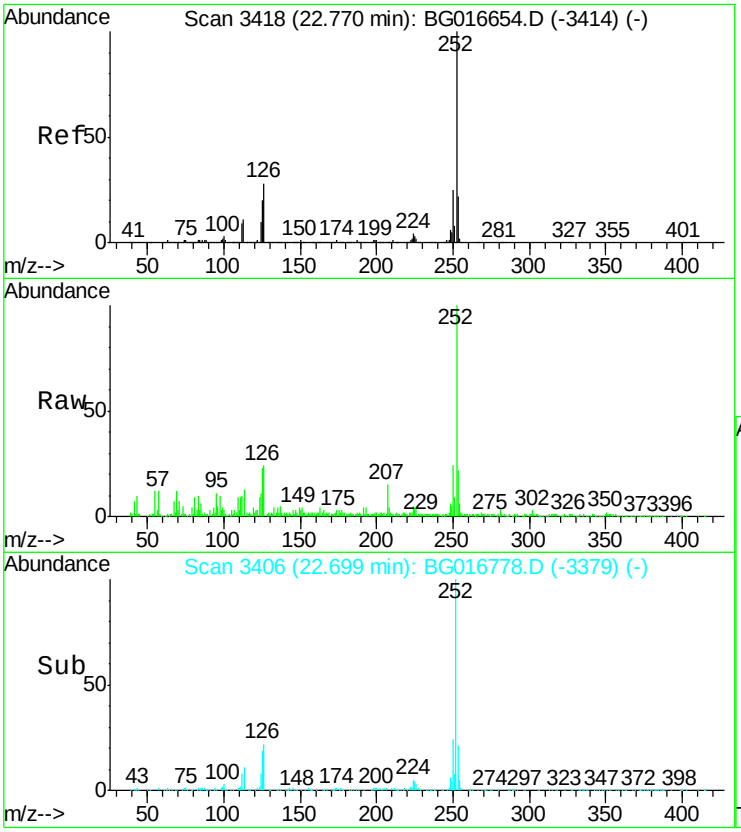


#87
Benzo(b)fluoranthene
Concen: 10.16 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:252 Resp: 149685

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	22.8	15.8	23.8



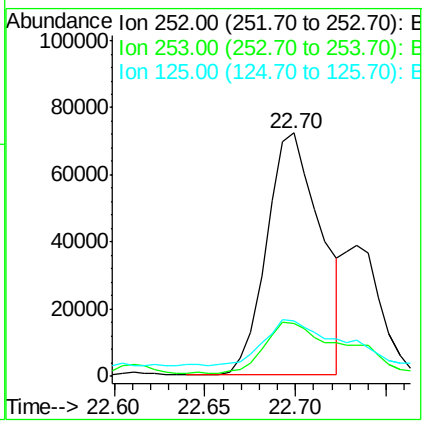


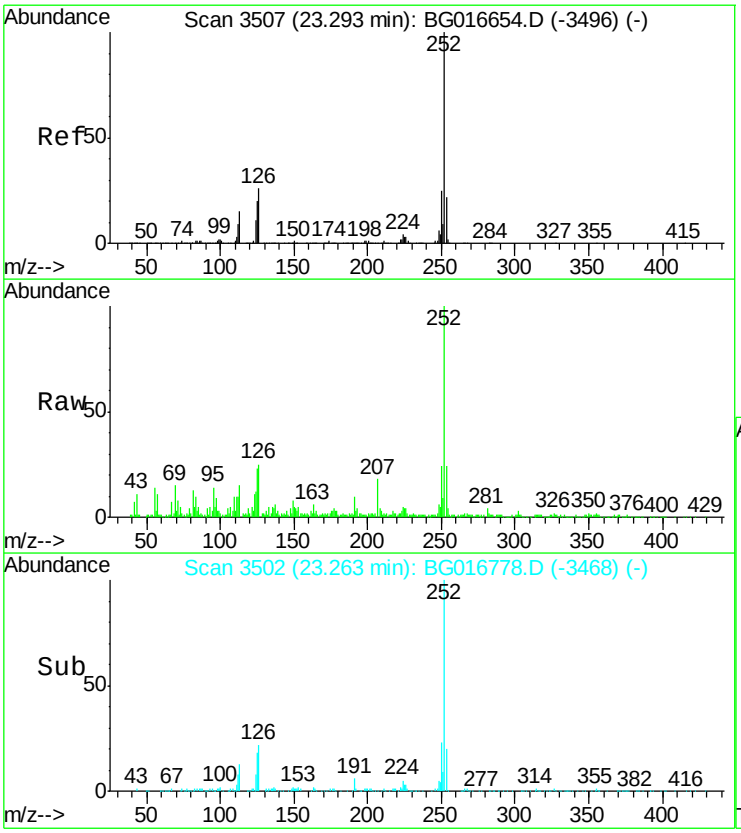
#88
Benzo(k)fluoranthene
Concen: 10.41 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:252 Resp: 149685

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	22.8	15.5	23.3

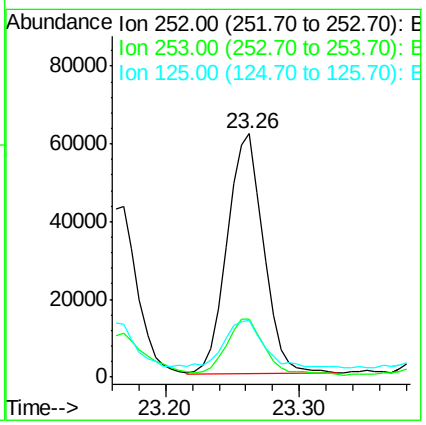


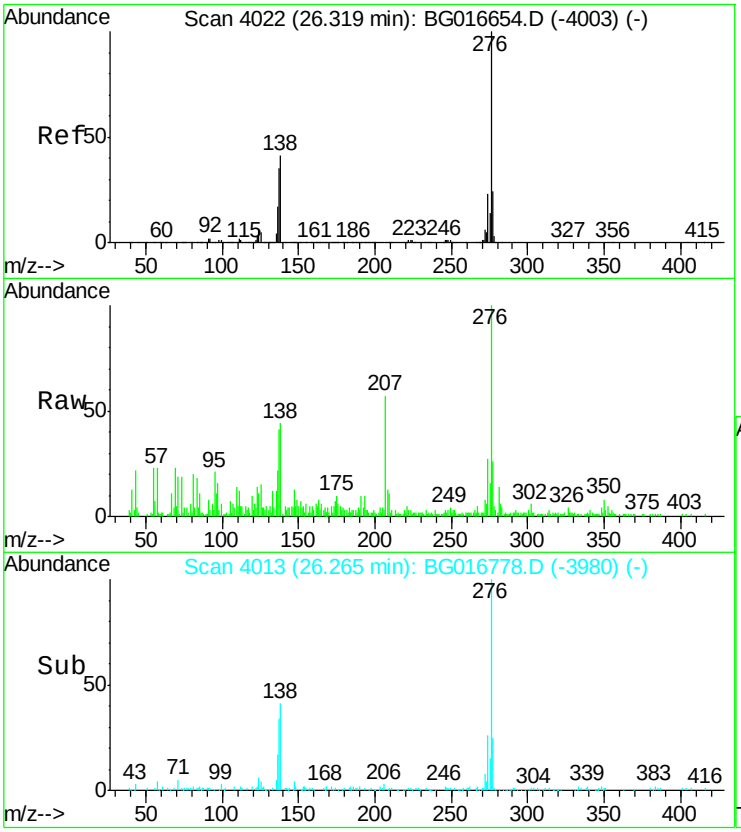


#89
Benzo(a)pyrene
Concen: 8.40 ng
RT: 23.26 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Tgt Ion:252 Resp: 116636

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	23.4	16.3	24.5





#91
Benzo(g,h,i)perylene
Concen: 4.58 ng
RT: 26.27 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BG016778.D
Acq: 28 Apr 2015 23:05

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:276 Resp: 62877

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.3	28.9
138	44.1	32.8	49.2