Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-018

Quant Time: Apr 28 14:30:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	62202	20.00	ng		-0.03
21) Naphthalene-d8	10.35	136	268614	20.00	ng		-0.03
38) Acenaphthene-d10	14.23	164	148129	20.00	ng		-0.02
63) Phenanthrene-d10	16.97	188	281787	20.00	ng		-0.02
75) Chrysene-d12	21.16	240	246613	20.00	ng		-0.02
86) Perylene-d12	23.36	264	237850	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	204711	53.41	ng		-0.02
7) Phenol-d6	6.77	99	288310	53.61	ng		-0.03
23) Nitrobenzene-d5	8.73	82	143611	33.78	ng		-0.03
41) 2,4,6-Tribromophenol	15.72	330	62365	56.75	ng		-0.03
44) 2-Fluorobiphenyl	12.84	172	356497	38.67	ng		-0.03
78) Terphenyl-d14	19.60	244	322691	30.14	ng		-0.03
Target Compounds							Qvalue
70) Phenanthrene	17.01	178	78210	4.83	ng		98
73) Di-n-butylphthalate	17.94	149	120268	6.25	ng		99
74) Fluoranthene	19.03	202	129646	7.56	ng		97
77) Pyrene	19.40	202	115625	6.67	ng		97
80) Benzo(a)anthracene	21.14	228	60833	4.07	ng		97
82) Chrysene	21.19	228	54451	3.80	ng		96
83) Bis(2-ethylhexyl)phthalate	21.08	149	183273	15.81	ng		97
87) Benzo(b)fluoranthene	22.70	252	67359	4.66	ng	#	93
89) Benzo(a)pyrene	23.26	252	46609	3.42	ng	#	90
91) Benzo(g,h,i)perylene	26.27	276	28144	2.09	ng	#	93

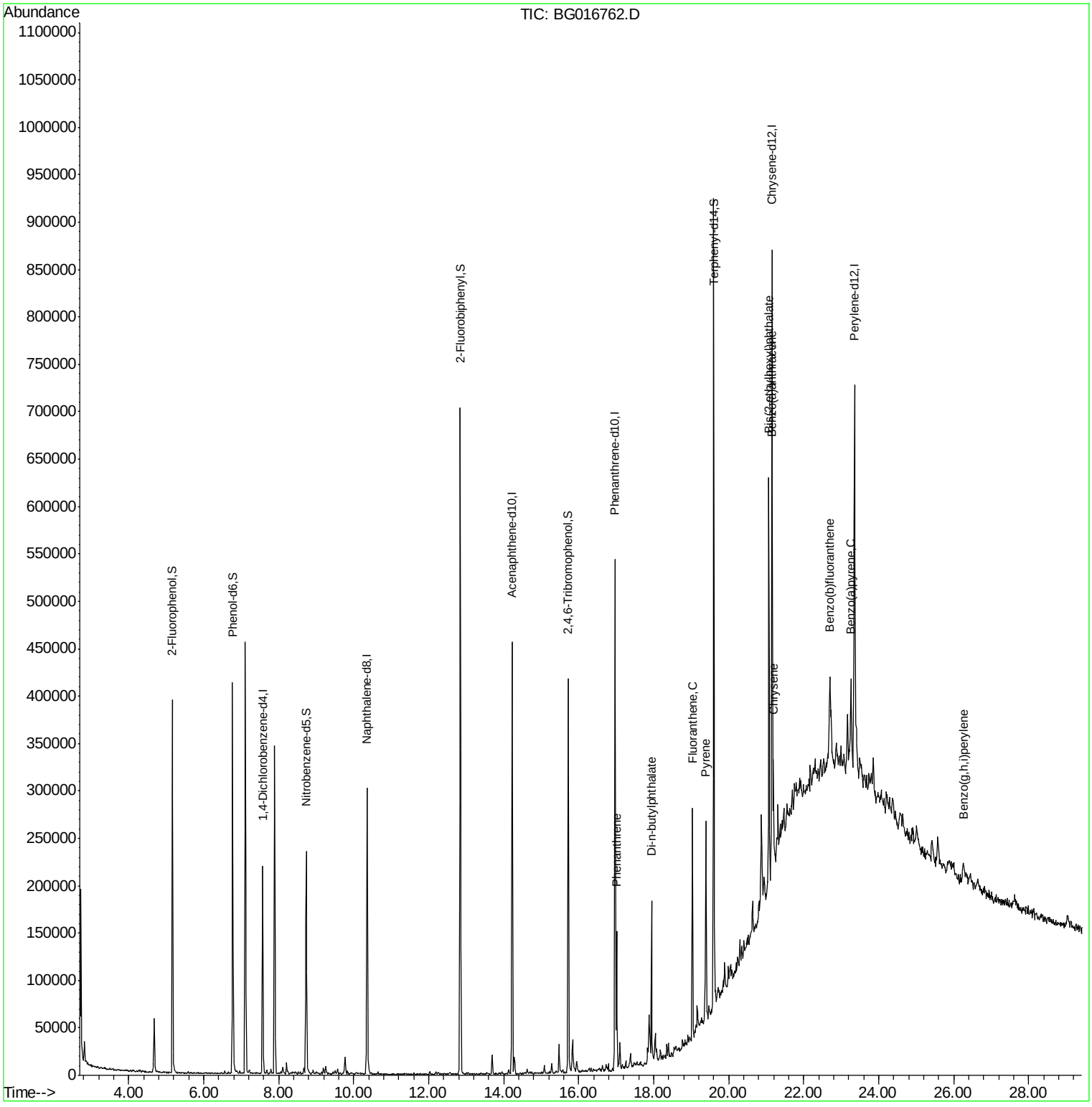
(#) = qualifier out of range (m) = manual integration (+) = signals summed

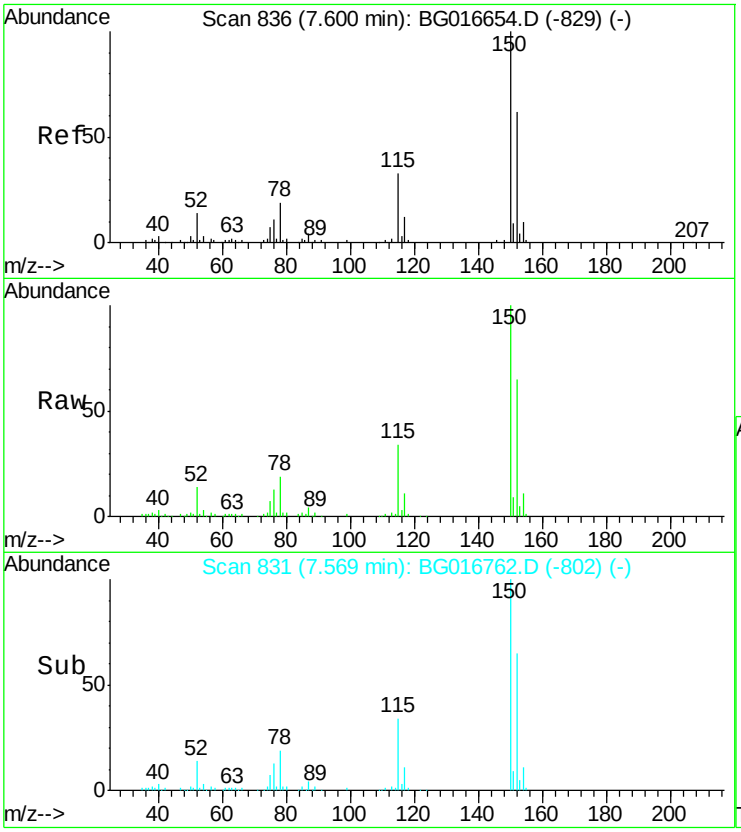
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016762.D
Acq On : 28 Apr 2015 10:22
Operator : TP/IZ
Sample : G2020-03 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-018

Quant Time: Apr 28 14:30:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration



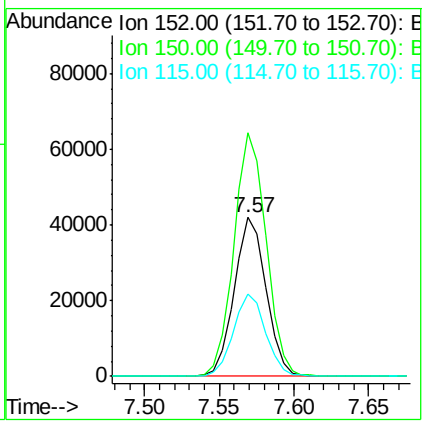


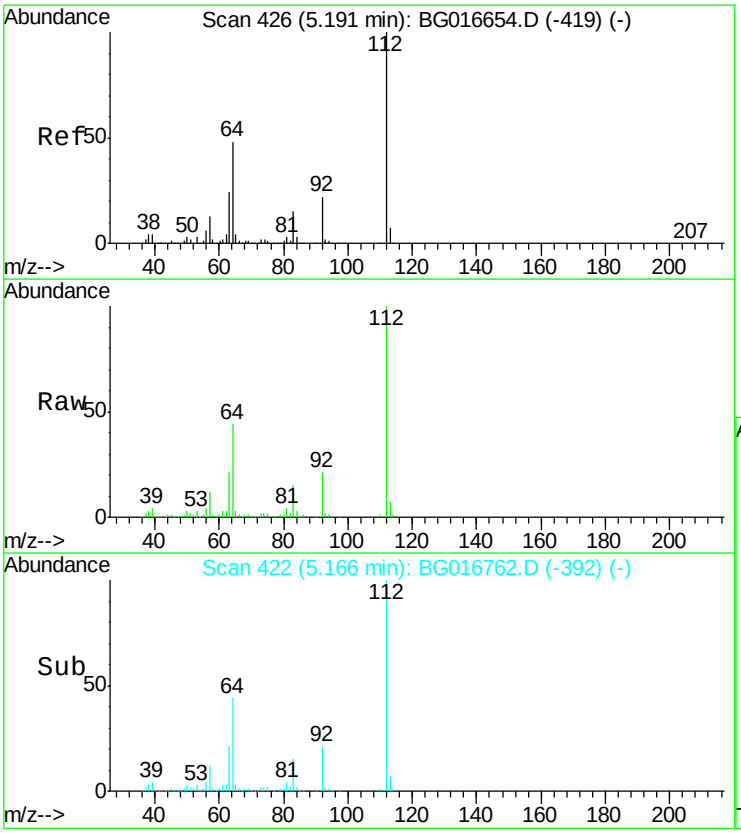
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:152 Resp: 62202

Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.6	194.4
115	52.3	43.0	64.6

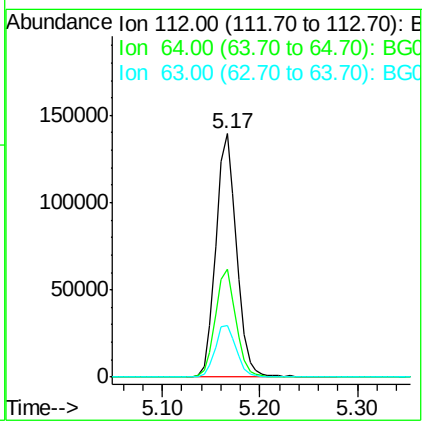


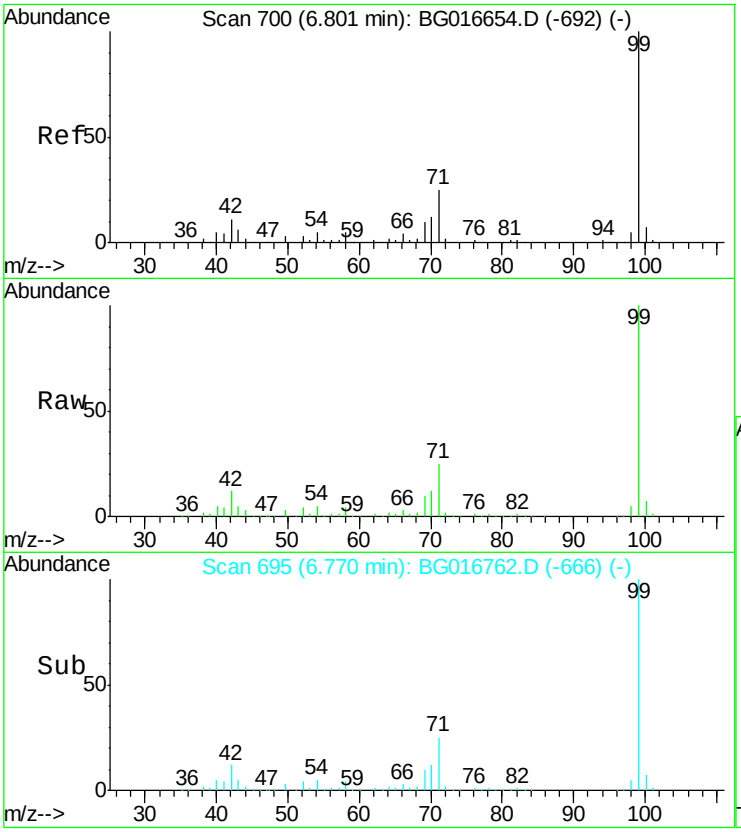


#5
2-Fluorophenol
Concen: 53.41 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:112 Resp: 204711

Ion	Ratio	Lower	Upper
112	100		
64	44.3	38.3	57.5
63	21.4	18.9	28.3



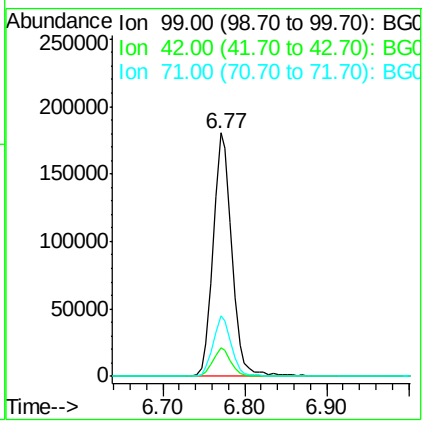


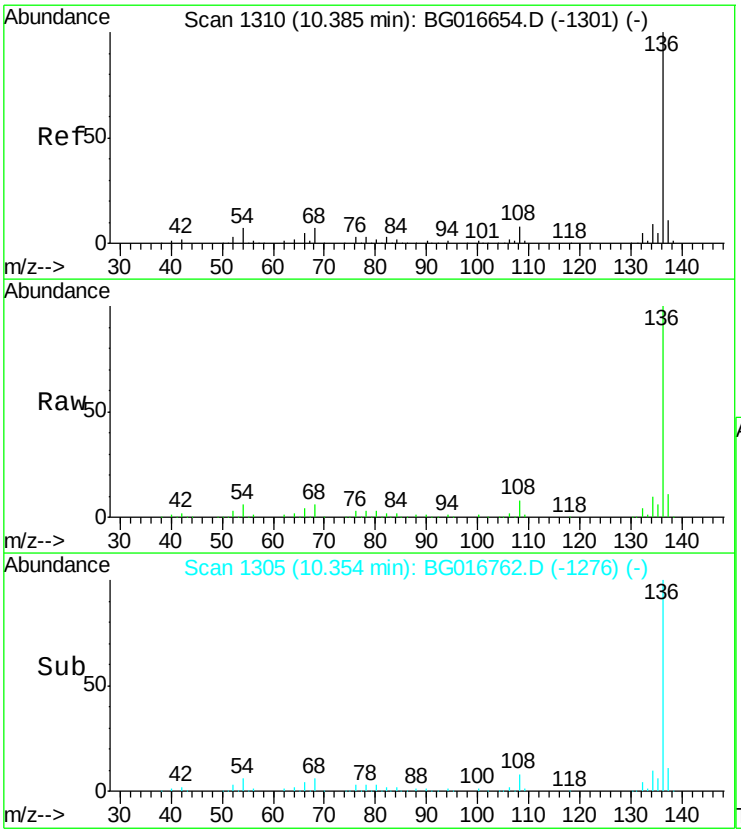
#7
Phenol-d6
Concen: 53.61 ng
RT: 6.77 min Scan# 695
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion: 99 Resp: 288310

Ion	Ratio	Lower	Upper
99	100		
42	11.8	8.8	13.2
71	24.8	19.9	29.9

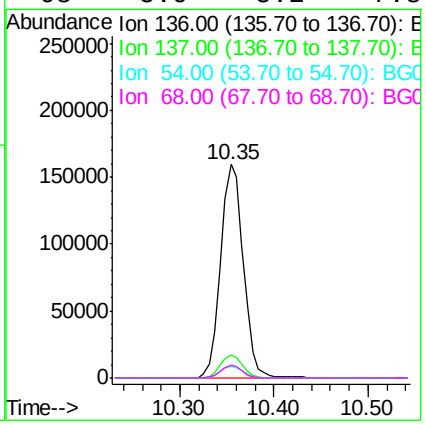


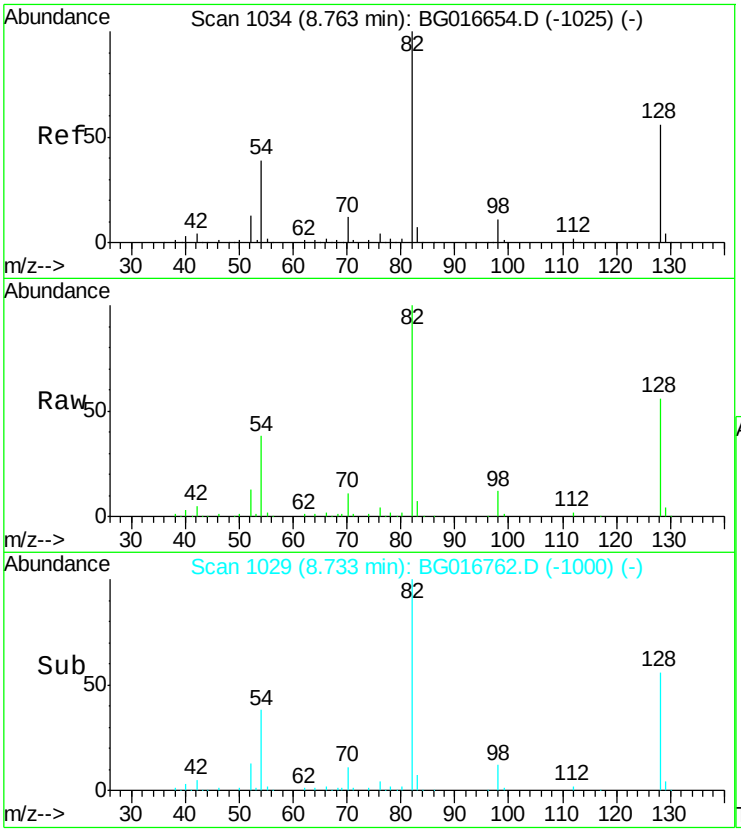


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:136 Resp: 268614

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	5.7	5.4	8.2
68	5.9	5.2	7.8



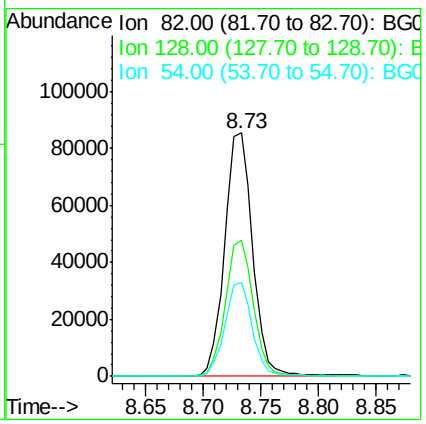


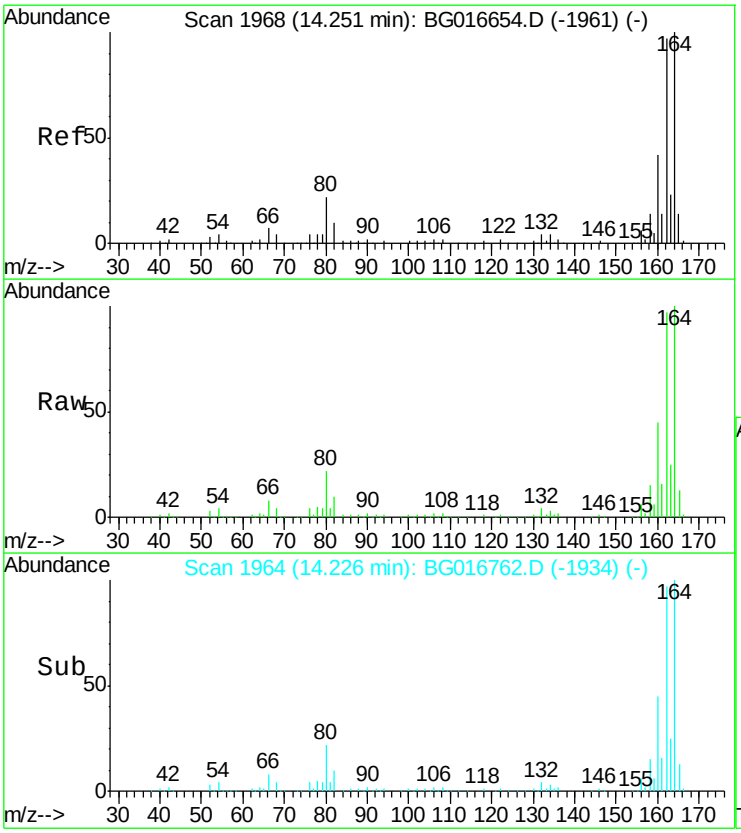
#23
Nitrobenzene-d5
Concen: 33.78 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion: 82 Resp: 143611

Ion	Ratio	Lower	Upper
82	100		
128	55.9	44.7	67.1
54	38.4	30.9	46.3

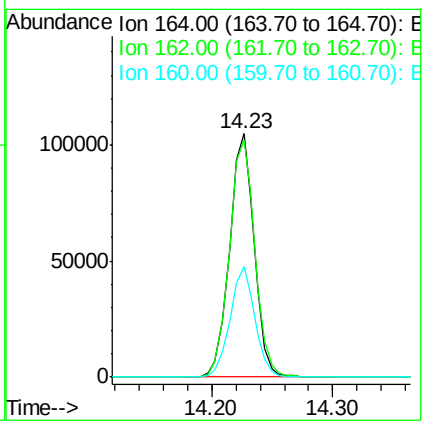


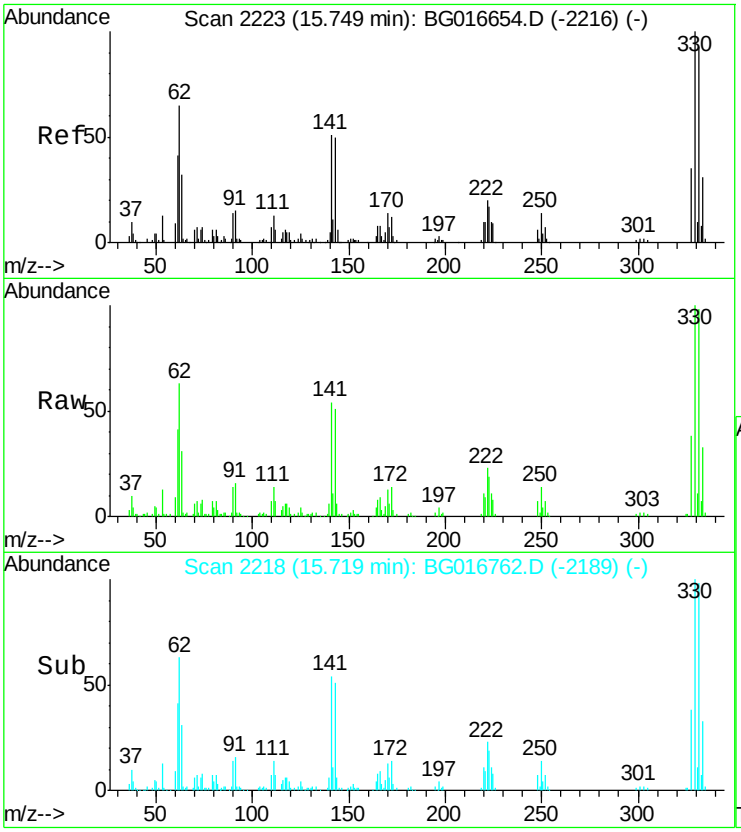


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:164 Resp: 148129

Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.3	115.9
160	45.2	33.7	50.5



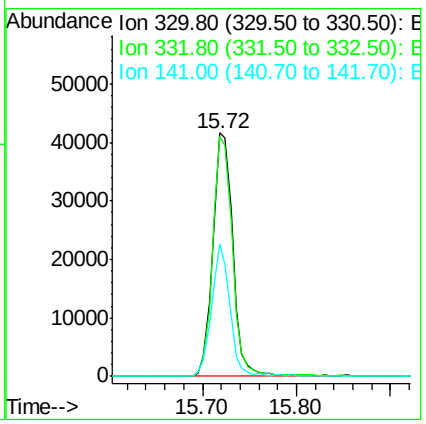


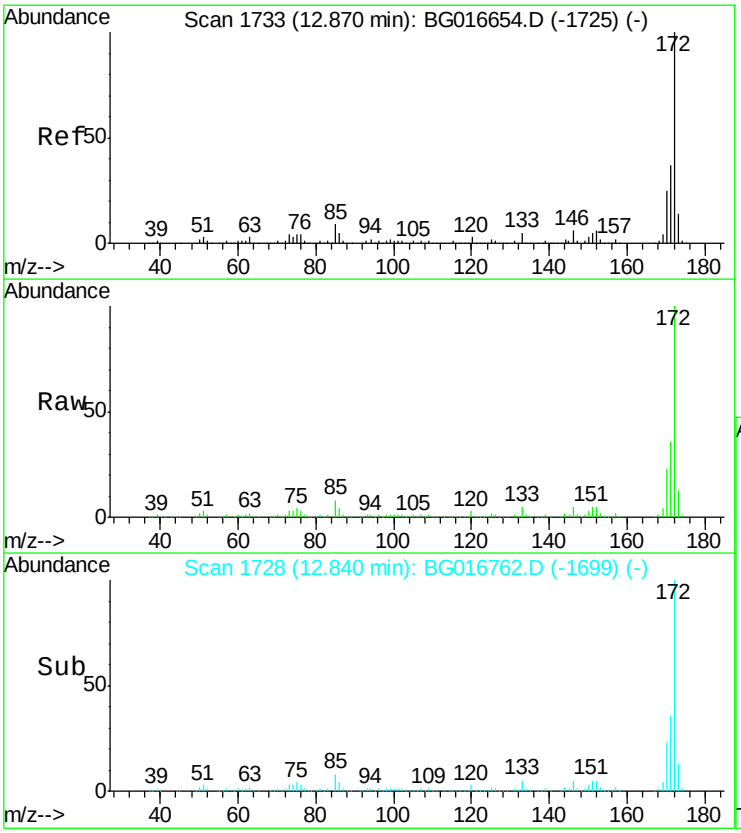
#41
2,4,6-Tribromophenol
Concen: 56.75 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:330 Resp: 62365

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	49.2	43.0	64.6

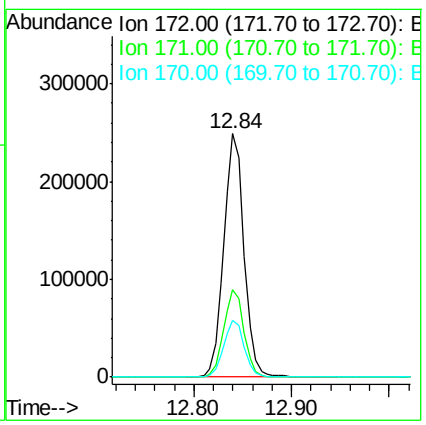


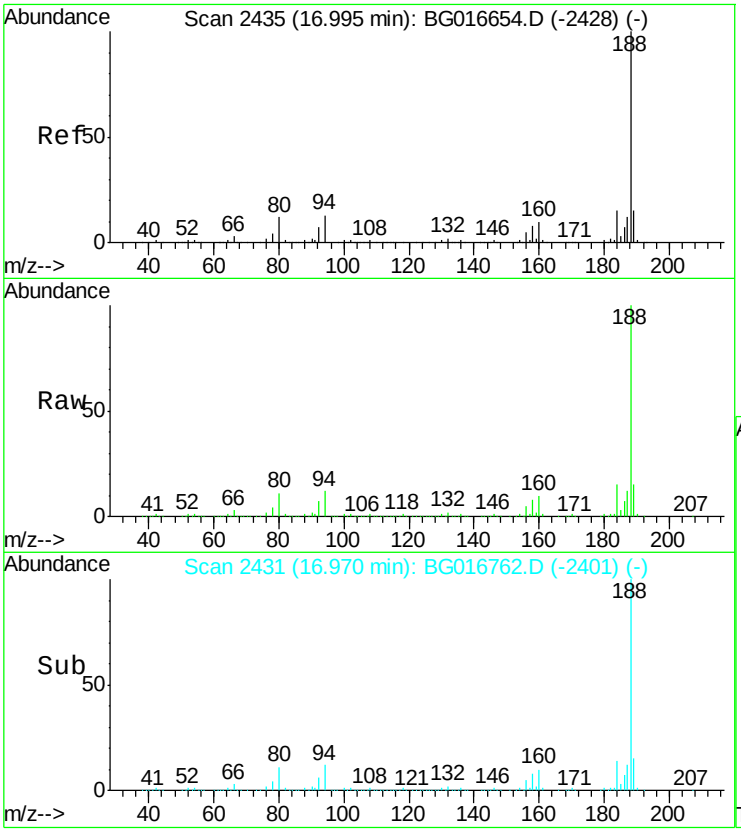


#44
2-Fluorobiphenyl
Concen: 38.67 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:172 Resp: 356497

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	23.4	19.8	29.8



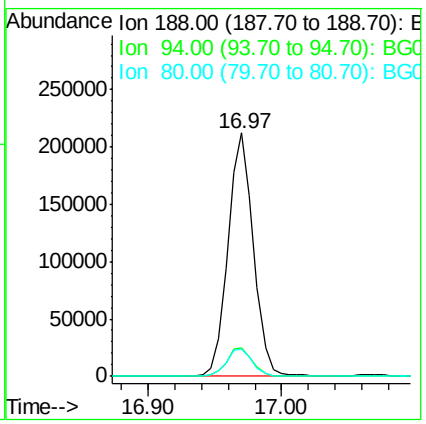


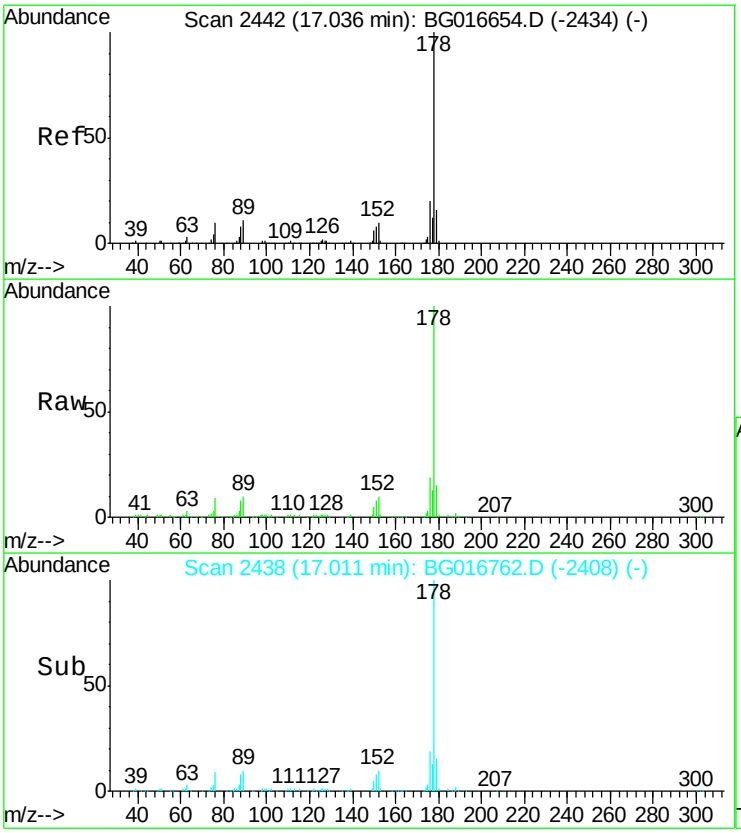
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:188 Resp: 281787

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.7	16.1
80	11.4	9.9	14.9

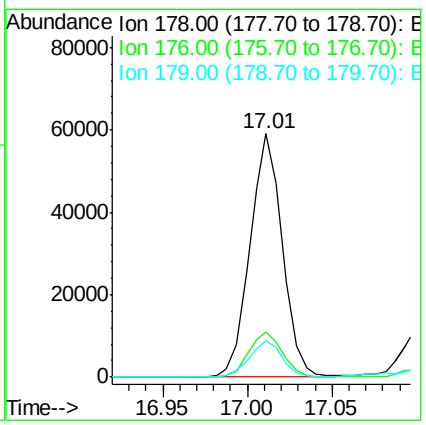


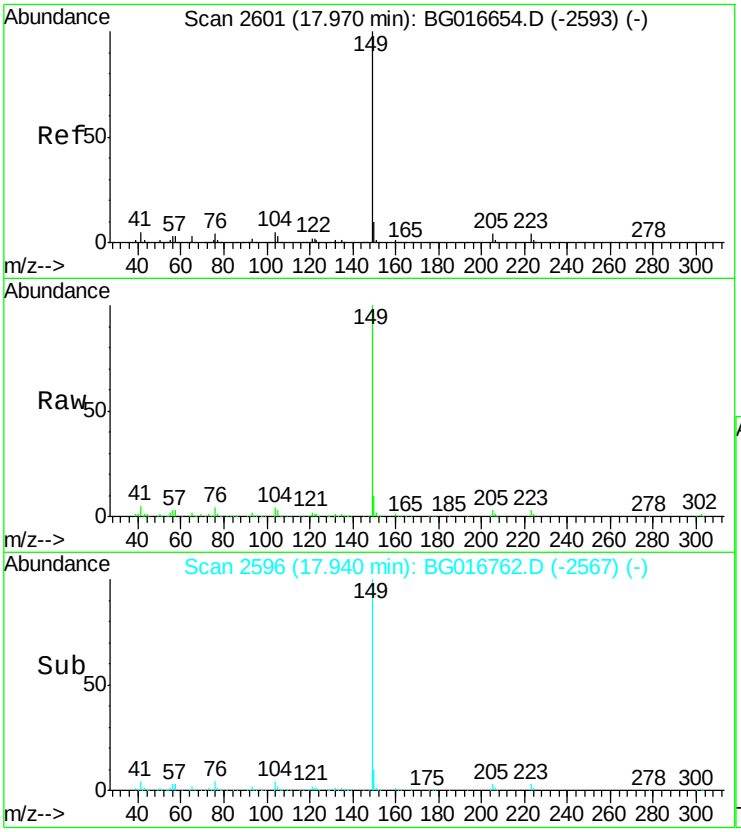


#70
Phenanthrene
Concen: 4.83 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:178 Resp: 78210

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.0	12.8	19.2



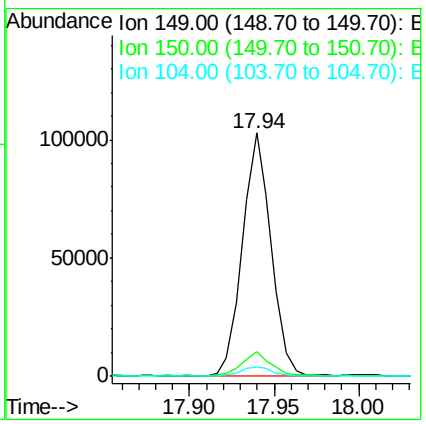


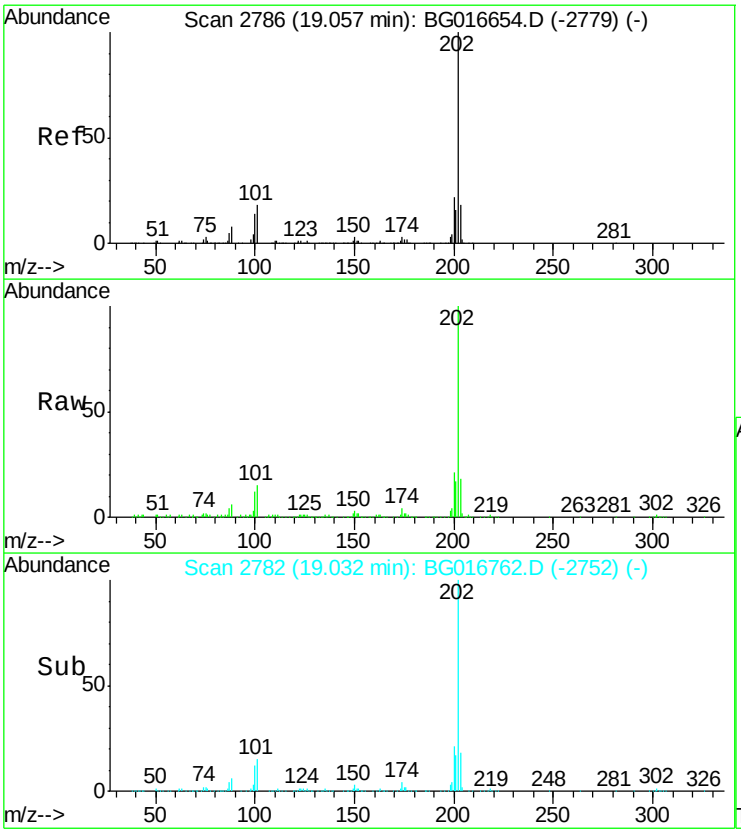
#73
Di-n-butylphthalate
Concen: 6.25 ng
RT: 17.94 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:149 Resp: 120268

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	3.9	3.6	5.4

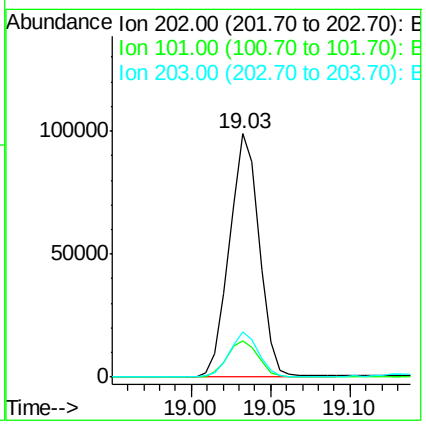


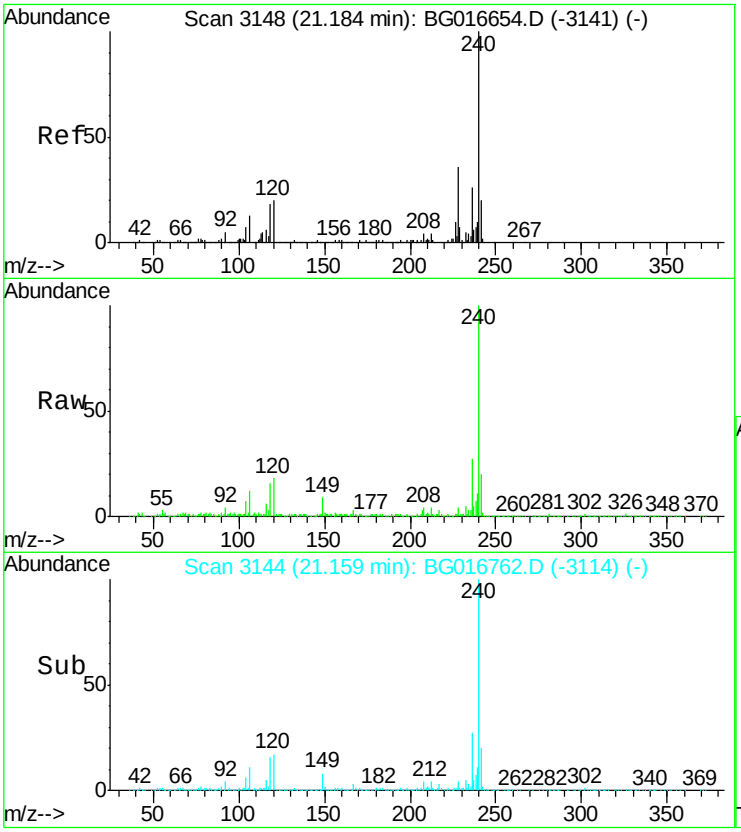


#74
Fluoranthene
Concen: 7.56 ng
RT: 19.03 min Scan# 2782
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:202 Resp: 129646

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	38.1
203	18.5	0.0	38.4



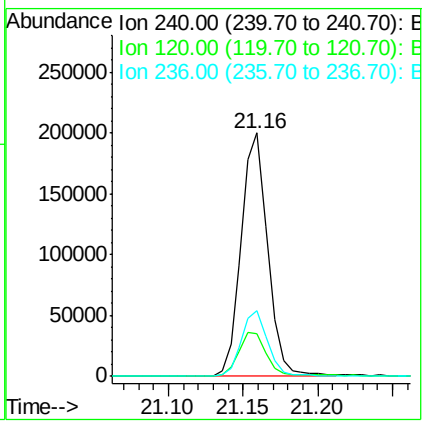


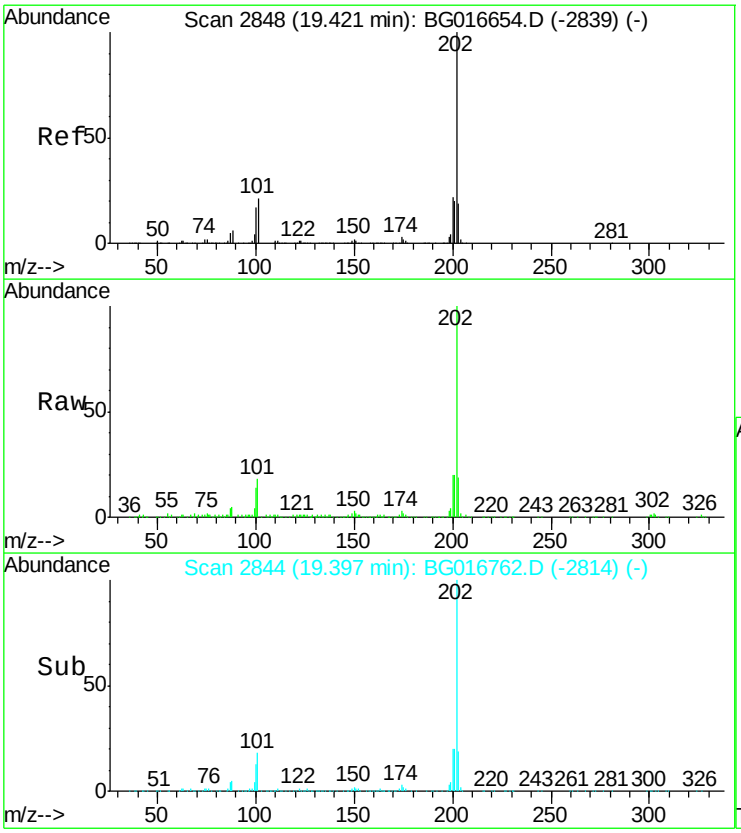
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:240 Resp: 246613

Ion	Ratio	Lower	Upper
240	100		
120	17.6	16.3	24.5
236	27.0	21.1	31.7

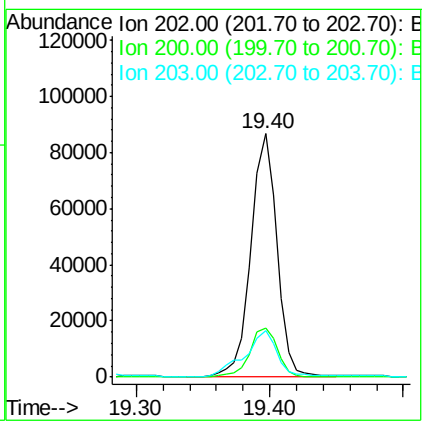


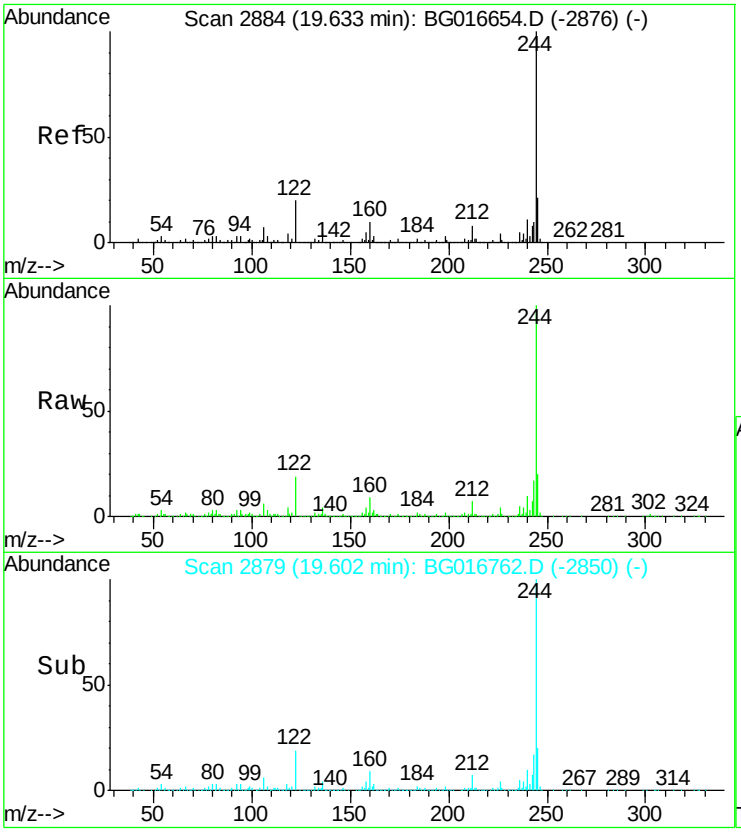


#77
Pyrene
Concen: 6.67 ng
RT: 19.40 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:202 Resp: 115625

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	19.2	14.9	22.3



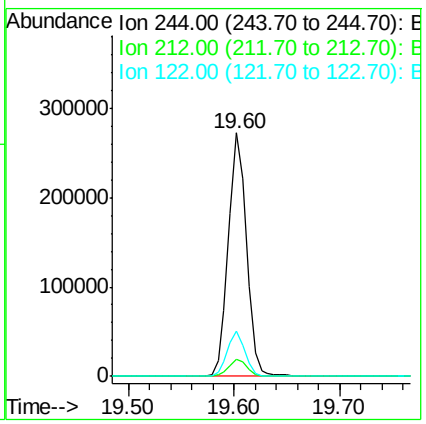


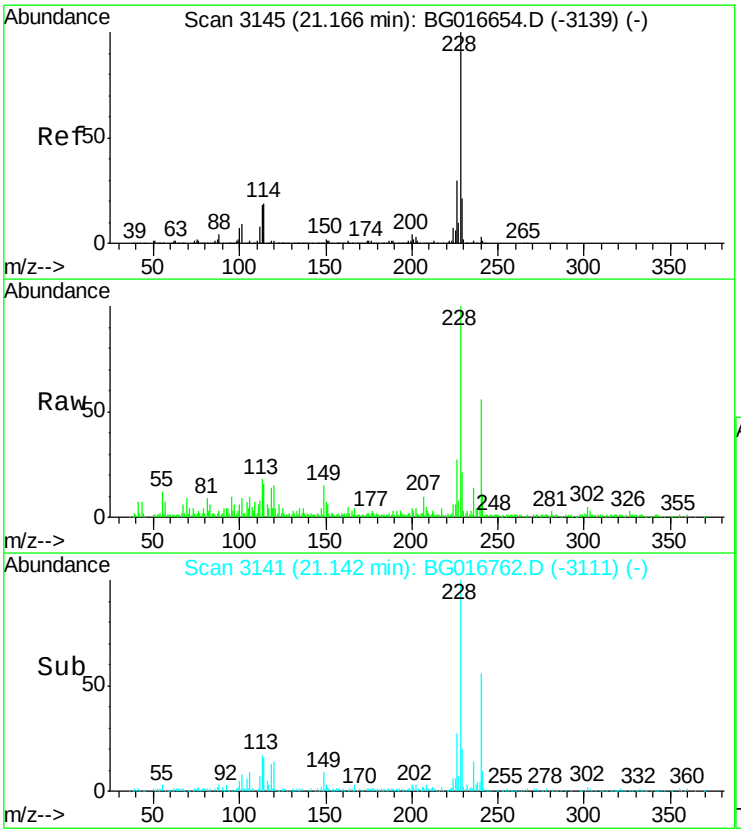
#78
Terphenyl-d14
Concen: 30.14 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:244 Resp: 322691

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	18.7	15.9	23.9

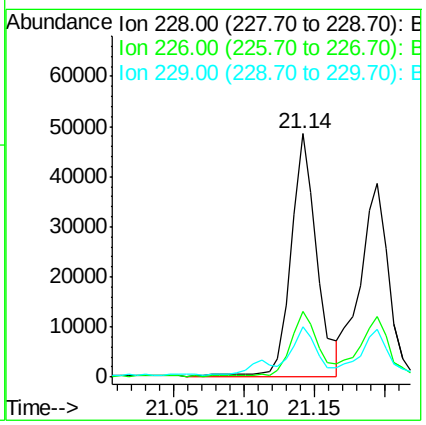


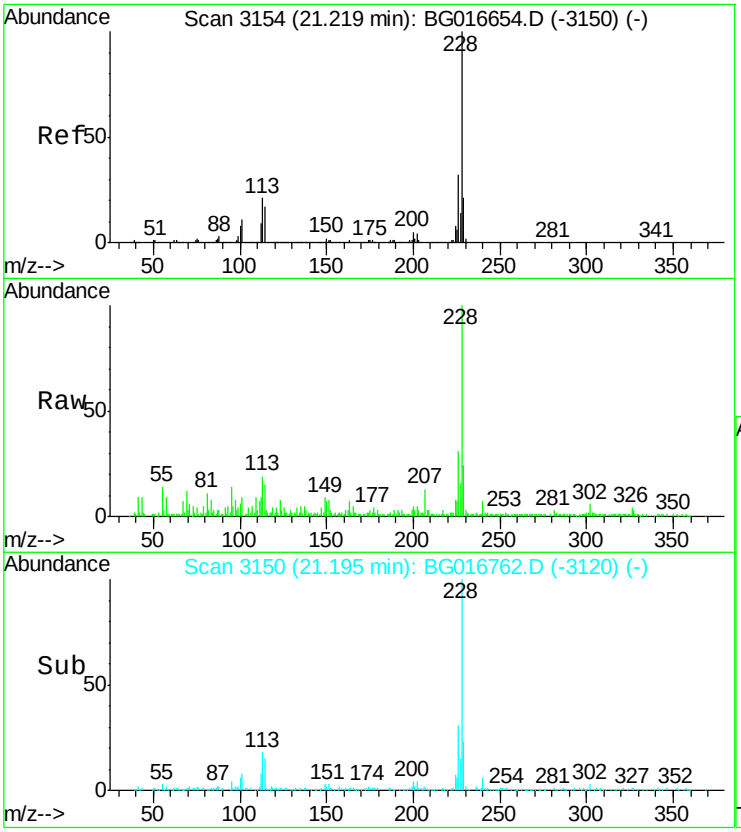


#80
Benzo(a)anthracene
Concen: 4.07 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:228 Resp: 60833

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.8	35.6
229	20.6	17.0	25.4



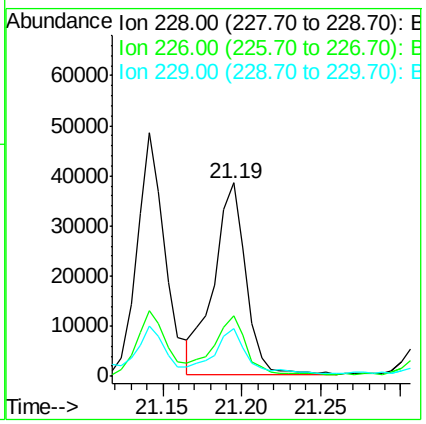


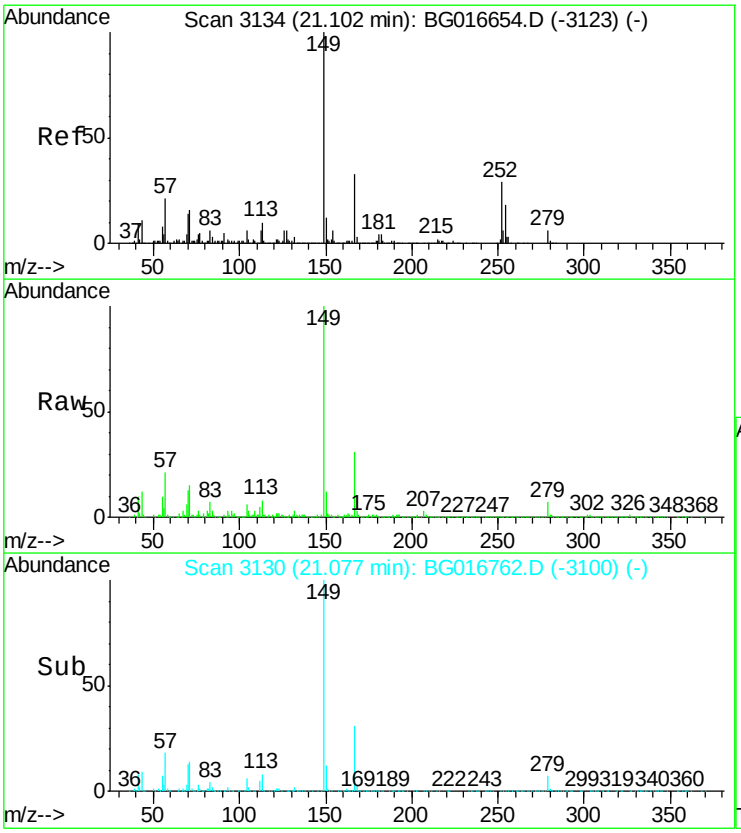
#82
Chrysene
Concen: 3.80 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:228 Resp: 54451

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	24.4	16.5	24.7

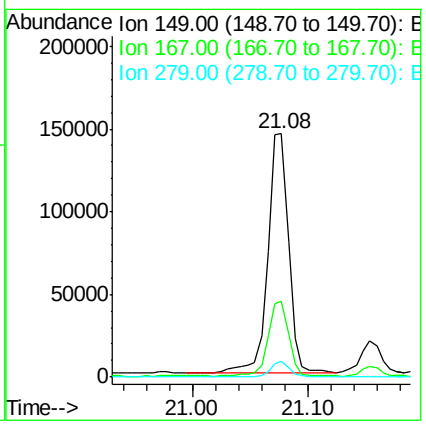


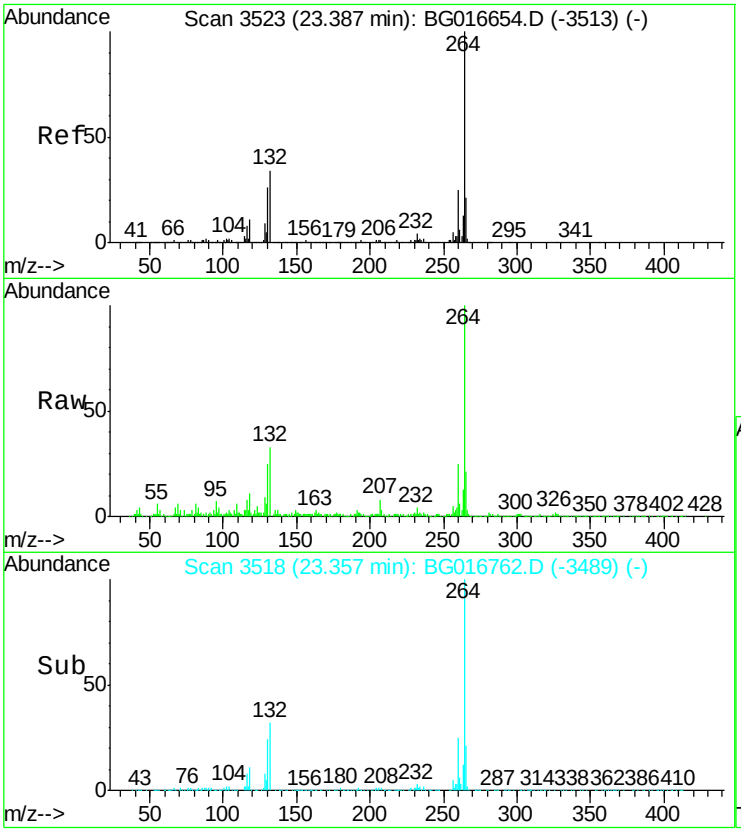


#83
Bis(2-ethylhexyl)phthalate
Concen: 15.81 ng
RT: 21.08 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:149 Resp: 183273

Ion	Ratio	Lower	Upper
149	100		
167	31.0	26.6	39.8
279	6.5	5.1	7.7



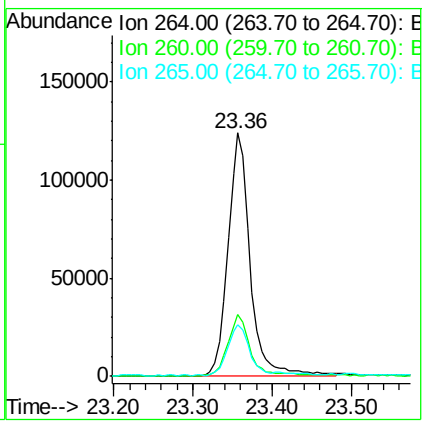


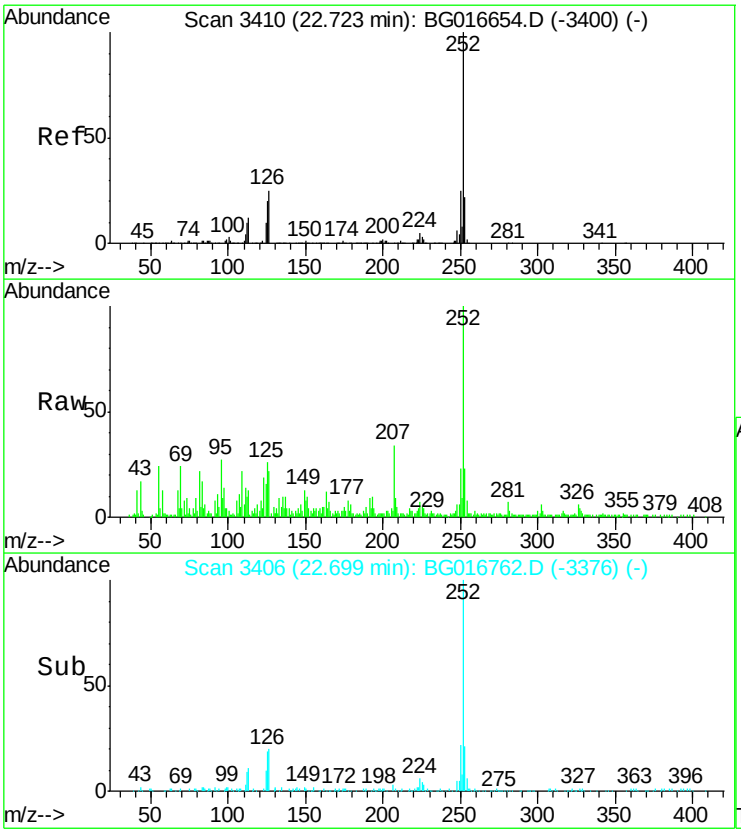
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:264 Resp: 237850

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.4	16.8	25.2

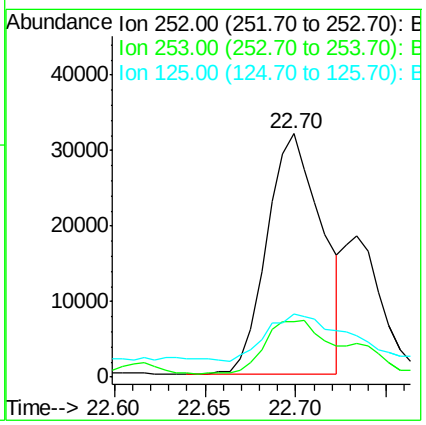


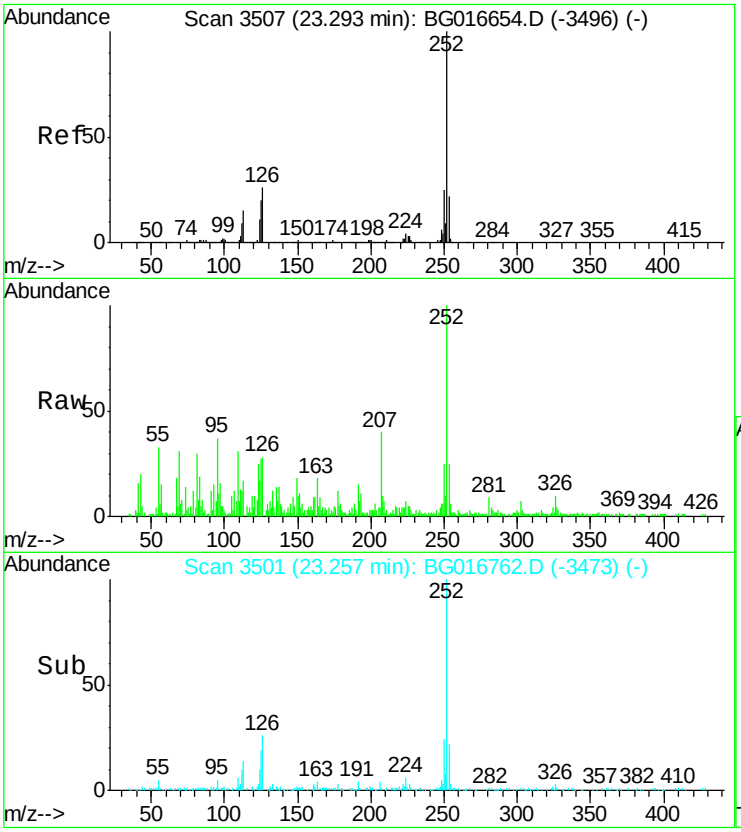


#87
Benzo(b)fluoranthene
Concen: 4.66 ng
RT: 22.70 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:252 Resp: 67359

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	26.1	15.8	23.8#



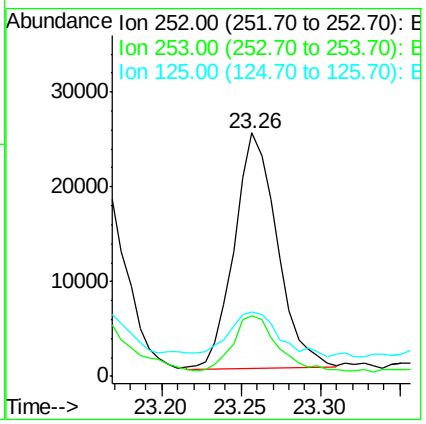


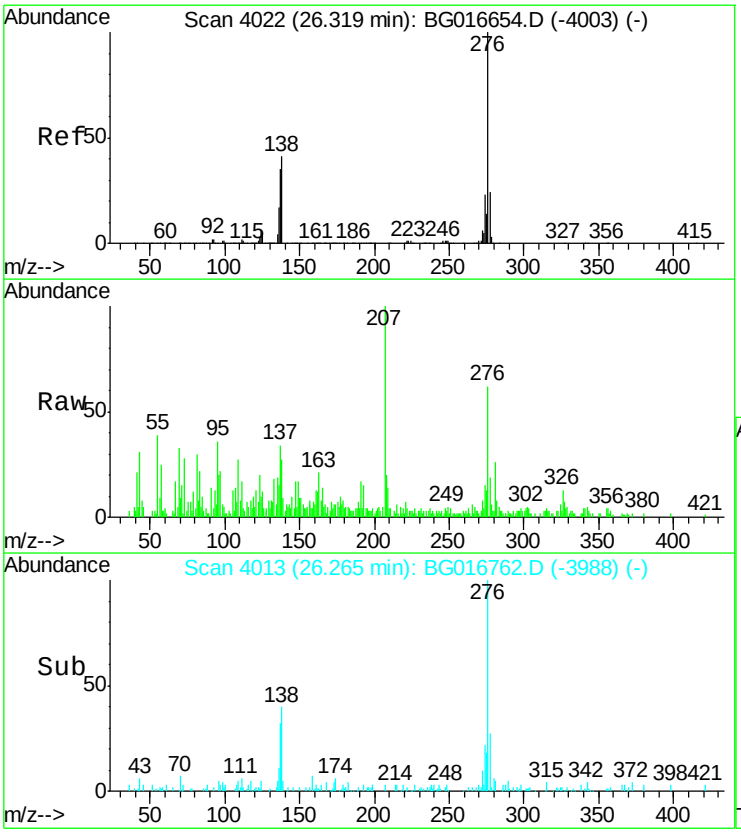
#89
Benzo(a)pyrene
Concen: 3.42 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.04 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Instrument :
BNA_G
ClientSampleId :
SW-018

Tgt Ion:252 Resp: 46609

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	26.5	16.3	24.5#





#91
Benzo(g,h,i)perylene
Concen: 2.09 ng
RT: 26.27 min Scan# 4013
Delta R.T. -0.05 min
Lab File: BG016762.D
Acq: 28 Apr 2015 10:22

Tgt Ion:276 Resp: 28144

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.3	28.9#
138	43.3	32.8	49.2