Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022216\
Data File : BG021027.D
Acq On : 22 Feb 2016 23:39
Operator : UM/SJ
Sample : H1554-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EVTP2

Quant Time: Feb 23 05:51:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 23:59:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	9139	20.00	ng		-0.01
21) Naphthalene-d8	11.05	136	47801	20.00	ng		-0.01
38) Acenaphthene-d10	14.84	164	30398	20.00	ng		-0.01
63) Phenanthrene-d10	17.57	188	62175	20.00	ng		-0.01
75) Chrysene-d12	21.84	240	44263	20.00	ng		-0.02
86) Perylene-d12	25.17	264	42387	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	8357	17.20	ng		-0.03
7) Phenol-d6	7.45	99	12255	17.60	ng		-0.04
23) Nitrobenzene-d5	9.41	82	6756	10.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	7055	17.03	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	25334	11.64	ng		-0.02
78) Terphenyl-d14	20.15	244	24162	10.30	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	14.31	163	3839	1.53	ng	#	93
51) Acenaphthene	14.90	154	121	0.06	ng	#	73
57) Fluorene	15.88	166	353	0.14	ng	#	89
70) Phenanthrene	17.61	178	2908	0.83	ng	#	92
71) Anthracene	17.71	178	636	0.18	ng	#	60
72) Carbazole	17.99	167	133	0.05	ng	#	57
73) Di-n-butylphthalate	18.51	149	62	0.02	ng	#	78
74) Fluoranthene	19.61	202	3703	1.28	ng		96
77) Pyrene	19.96	202	3179	0.94	ng		97
79) Butylbenzylphthalate	20.84	149	63	0.05	ng	#	30
80) Benzo(a)anthracene	21.82	228	1733	0.66	ng		95
81) 3,3'-Dichlorobenzidine	21.71	252	61	0.06	ng	#	25
82) Chrysene	21.82	228	1733	0.70	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	561	0.33	ng	#	55
84) Di-n-octyl phthalate	22.94	149	172	0.06	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.97	276	1274	0.42	ng	#	54
87) Benzo(b)fluoranthene	24.12	252	2564	1.02	ng	#	70
88) Benzo(k)fluoranthene	24.12	252	2564	1.04	ng	#	67
89) Benzo(a)pyrene	25.01	252	2195	0.90	ng	#	77
91) Benzo(g,h,i)perylene	30.15	276	554	0.23	ng	#	55

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Feb 2016 23:39
Operator : UM/SJ
Sample : H1554-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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EVTP2

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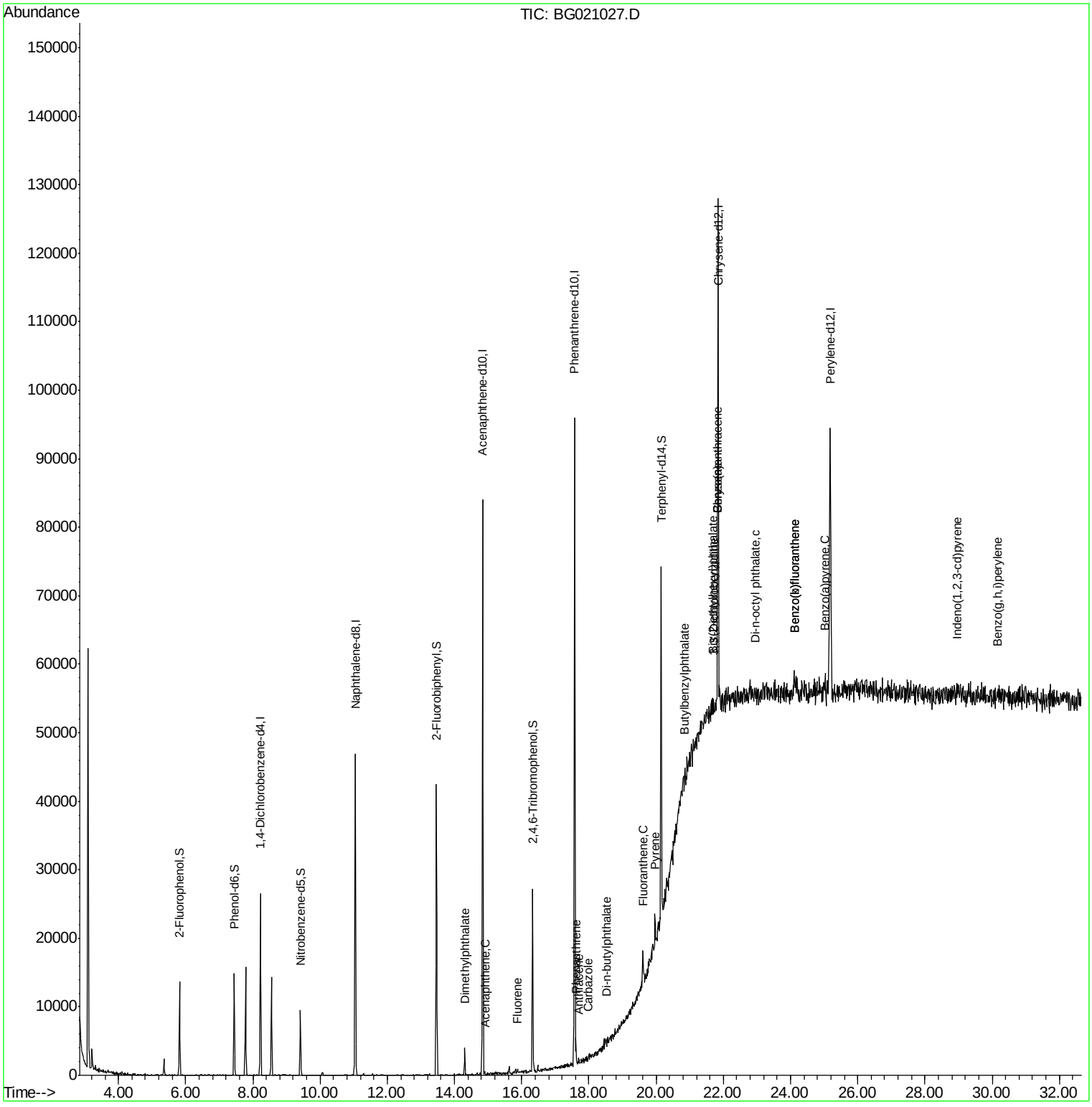
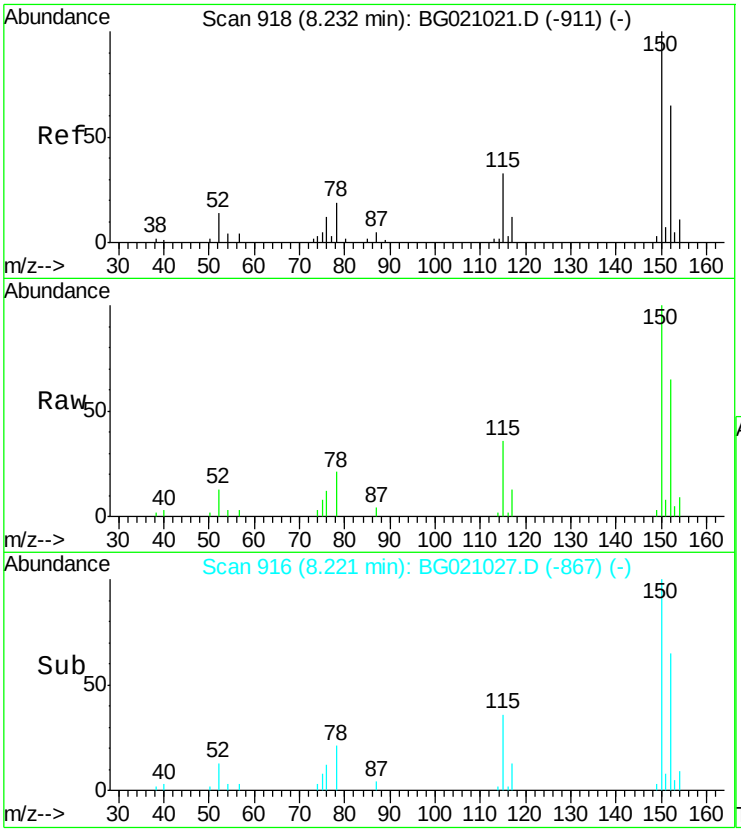


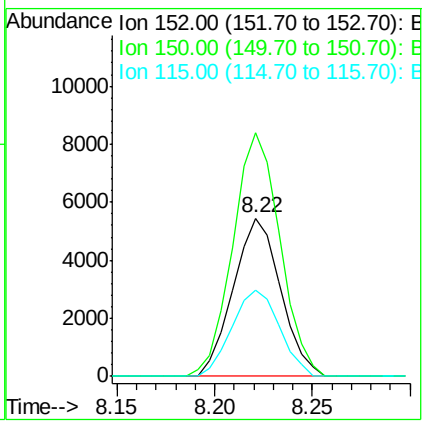


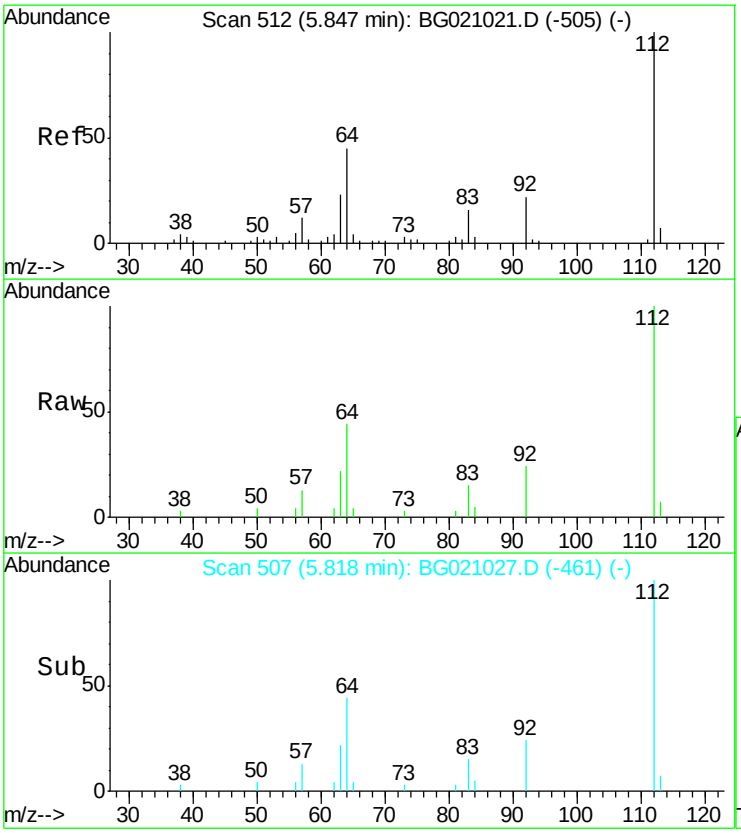
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:152 Resp: 9139

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.5	183.7
115	54.7	40.1	60.1

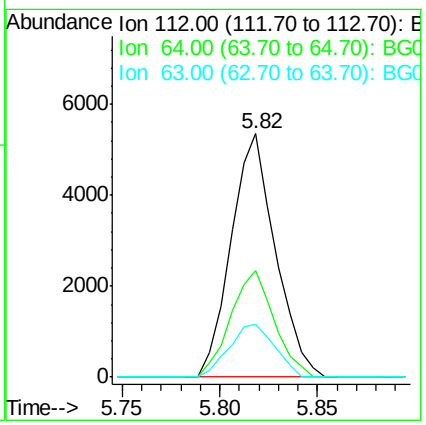


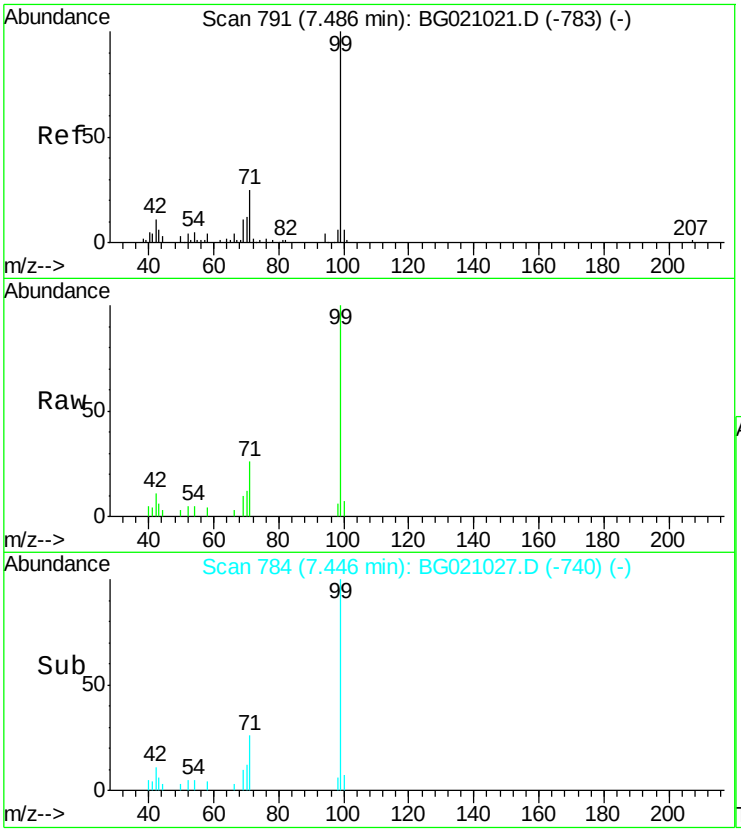


#5
2-Fluorophenol
Concen: 17.20 ng
RT: 5.82 min Scan# 507
Delta R.T. -0.03 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:112 Resp: 8357

Ion	Ratio	Lower	Upper
112	100		
64	43.6	35.8	53.8
63	21.9	18.6	27.8



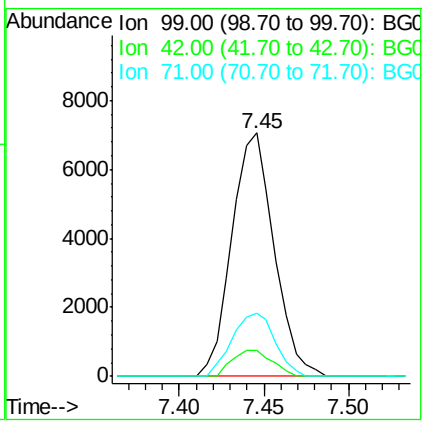


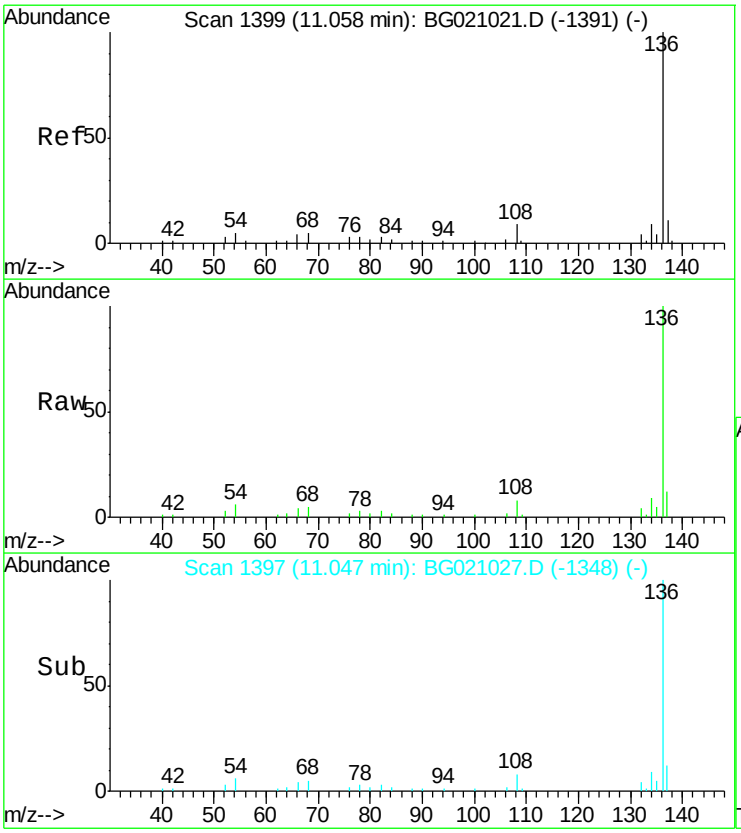
#7
Phenol-d6
Concen: 17.60 ng
RT: 7.45 min Scan# 784
Delta R.T. -0.04 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion: 99 Resp: 12255

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	13.0
71	25.8	20.1	30.1

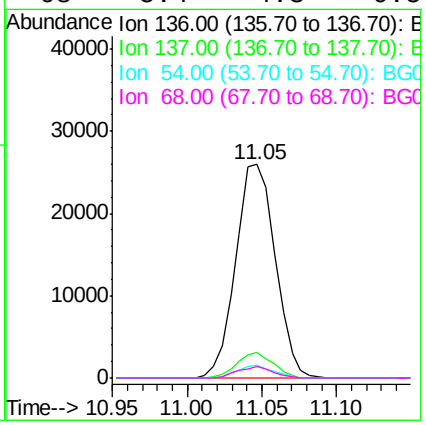


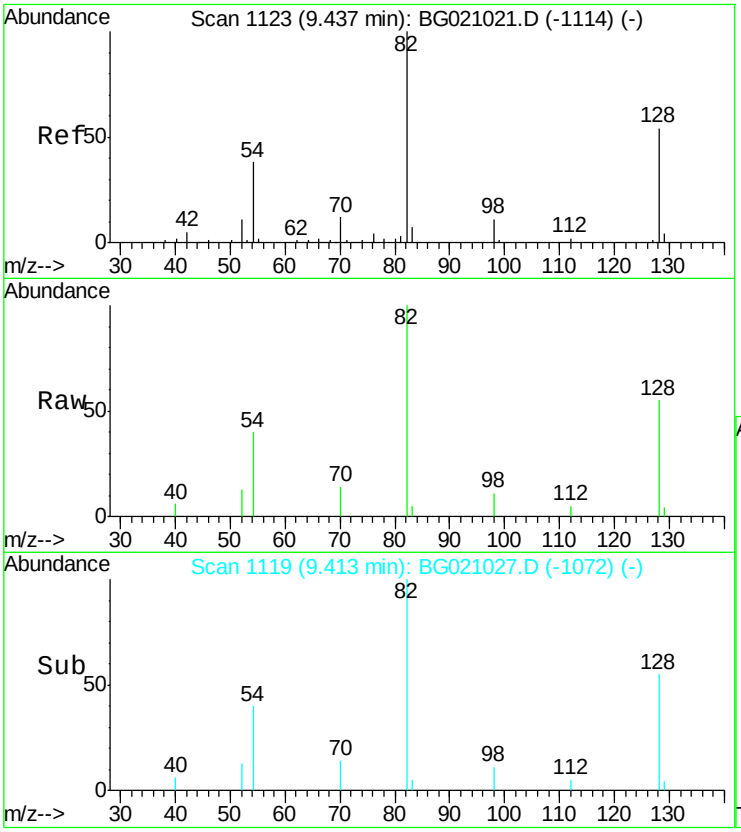


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:136 Resp: 47801

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	5.7	4.2	6.2
68	5.4	4.3	6.5



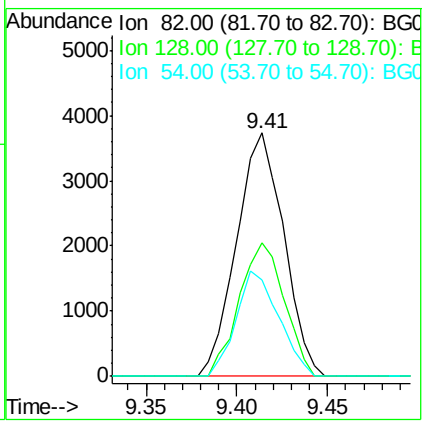


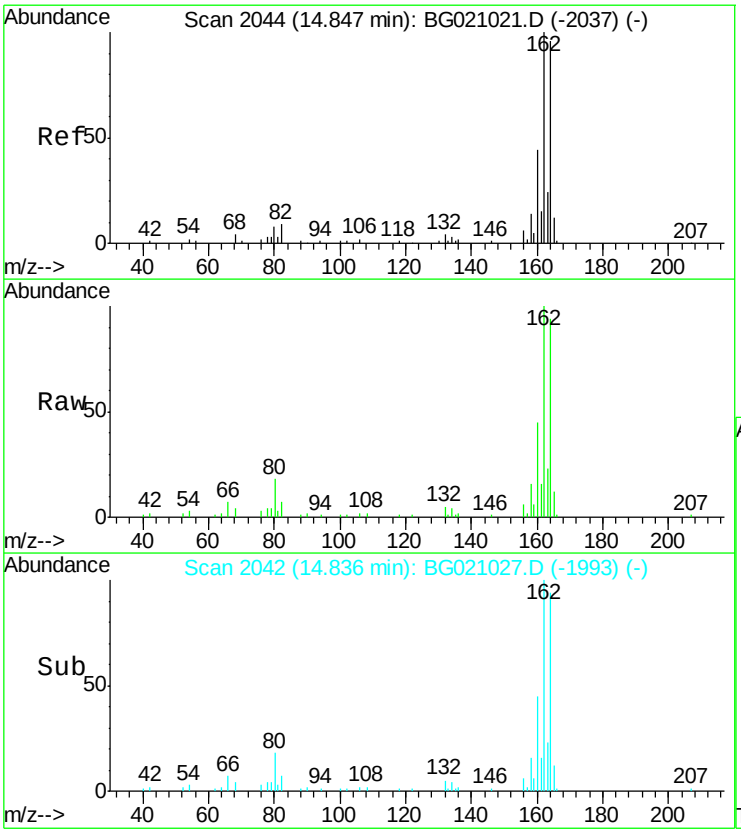
#23
Nitrobenzene-d5
Concen: 10.47 ng
RT: 9.41 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion: 82 Resp: 6756

Ion	Ratio	Lower	Upper
82	100		
128	55.0	43.4	65.0
54	39.7	30.1	45.1

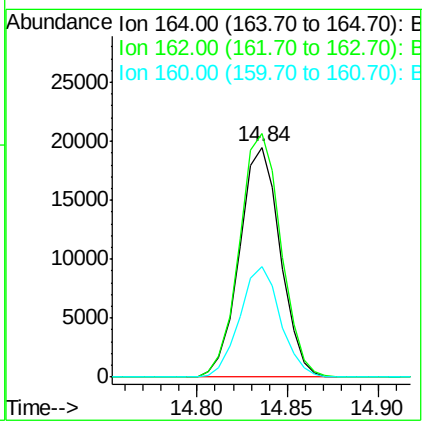


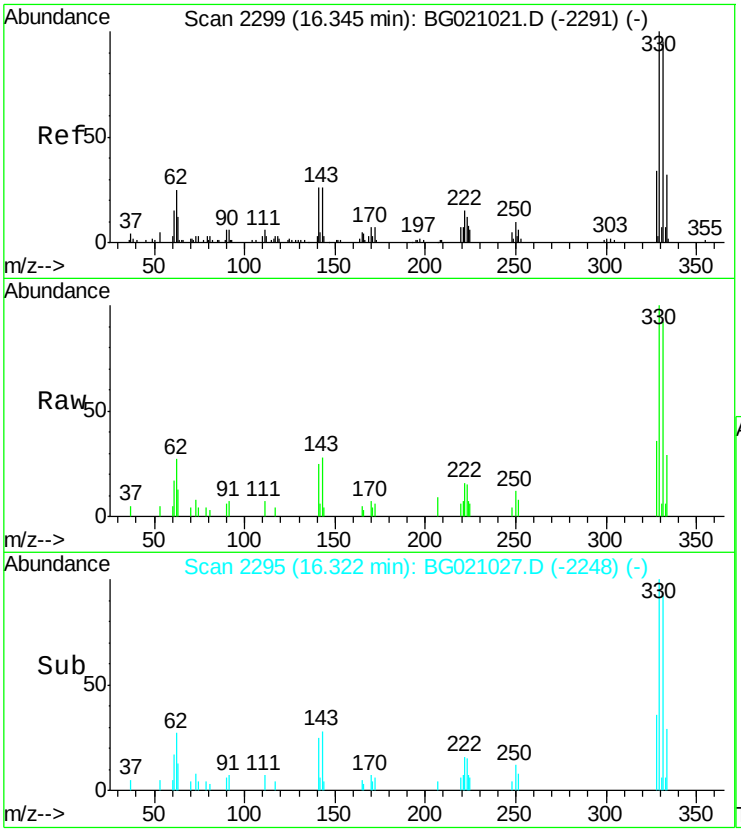


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:164 Resp: 30398

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.4	125.2
160	48.0	37.0	55.4



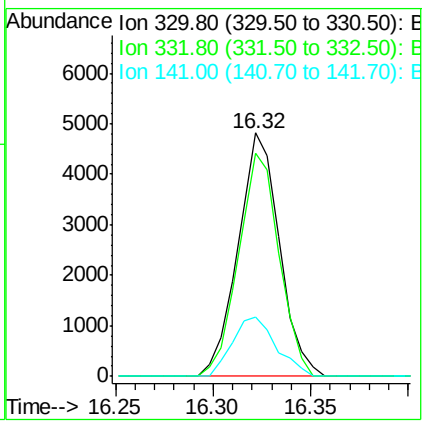


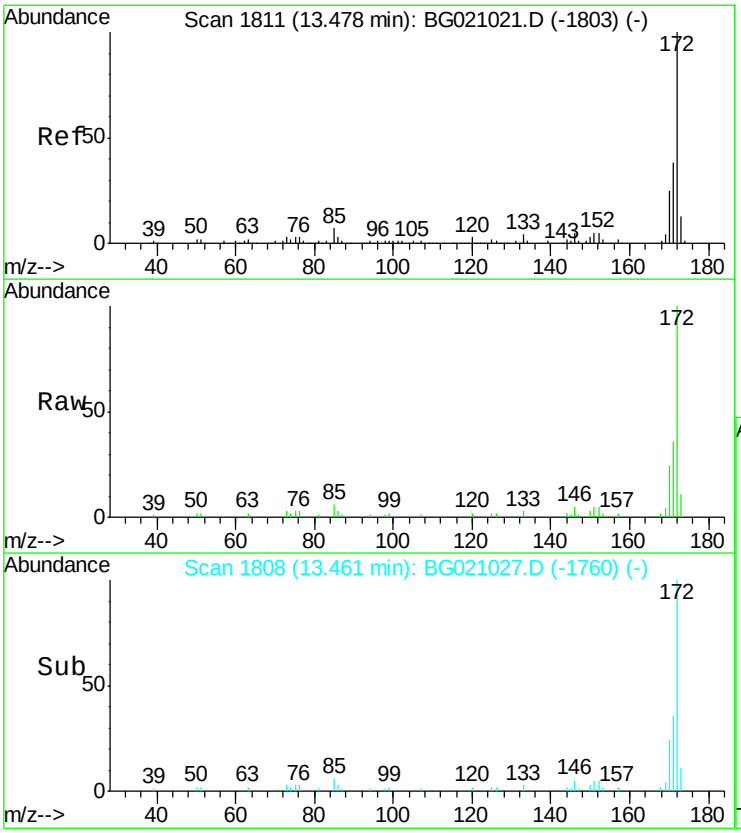
#41
2,4,6-Tribromophenol
Concen: 17.03 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:330 Resp: 7055

Ion	Ratio	Lower	Upper
330	100		
332	90.1	77.0	115.4
141	25.9	23.5	35.3

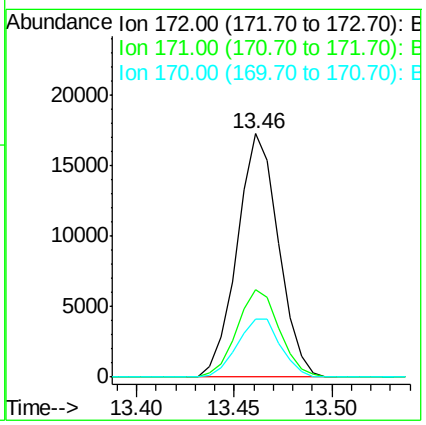


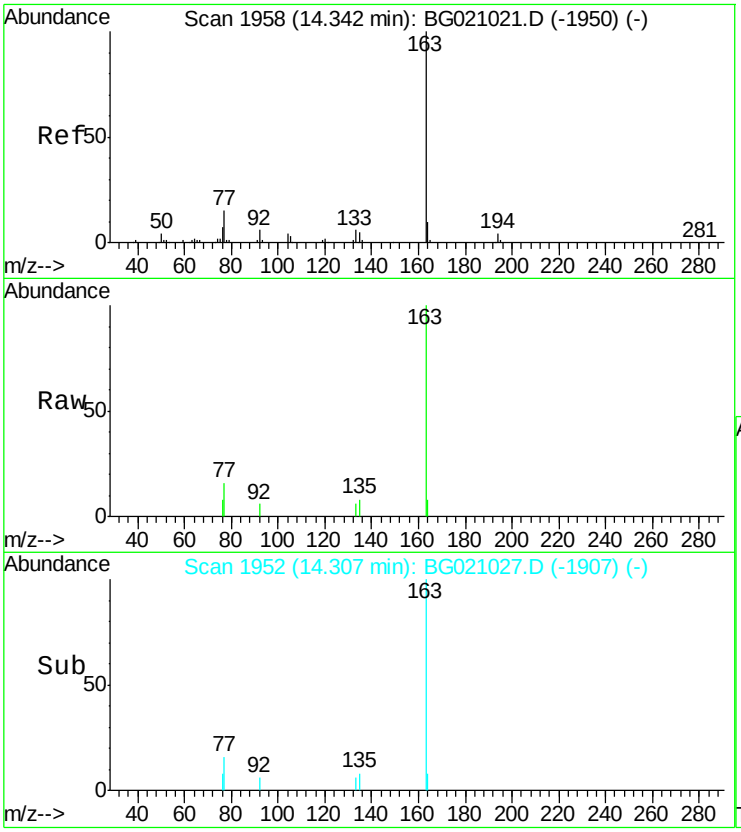


#44
2-Fluorobiphenyl
Concen: 11.64 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:172 Resp: 25334

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.3	45.5
170	23.7	19.8	29.8



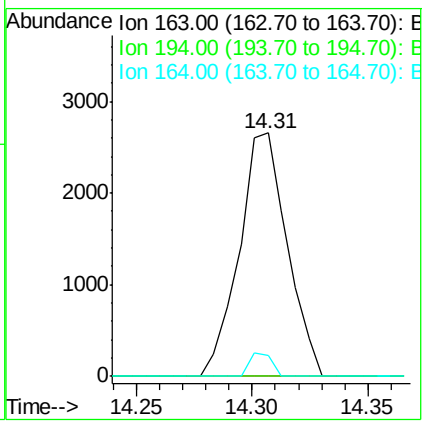


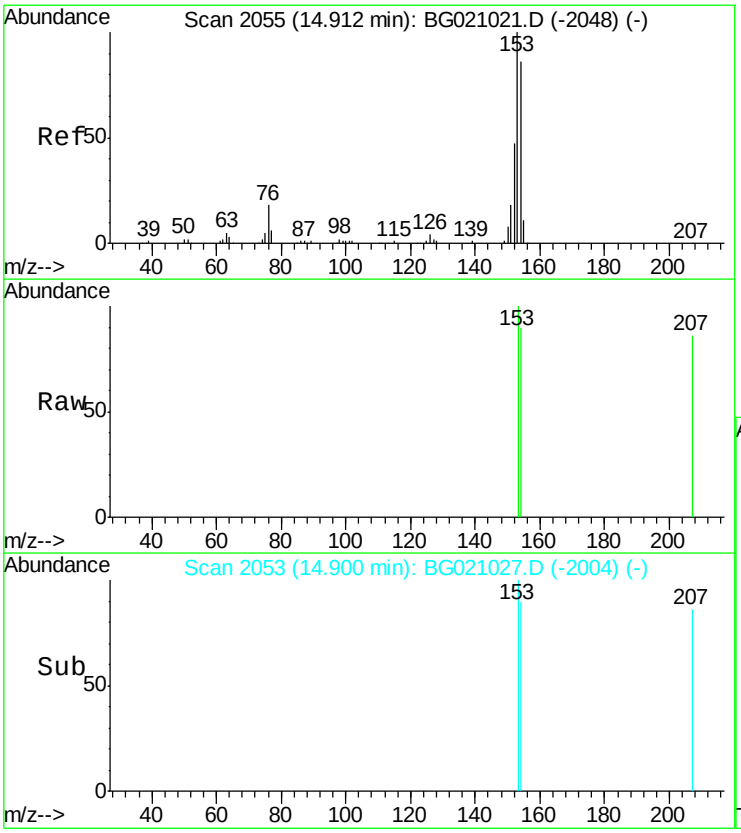
#49
Dimethylphthalate
Concen: 1.53 ng
RT: 14.31 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:163 Resp: 3839

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	8.4	8.1	12.1

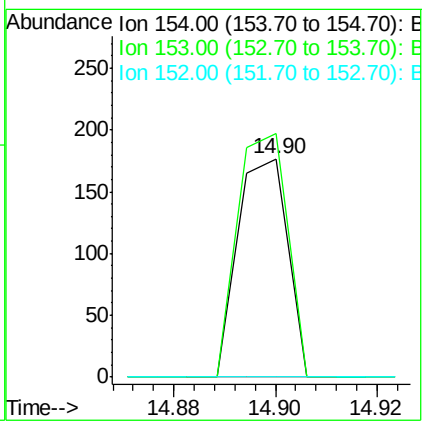


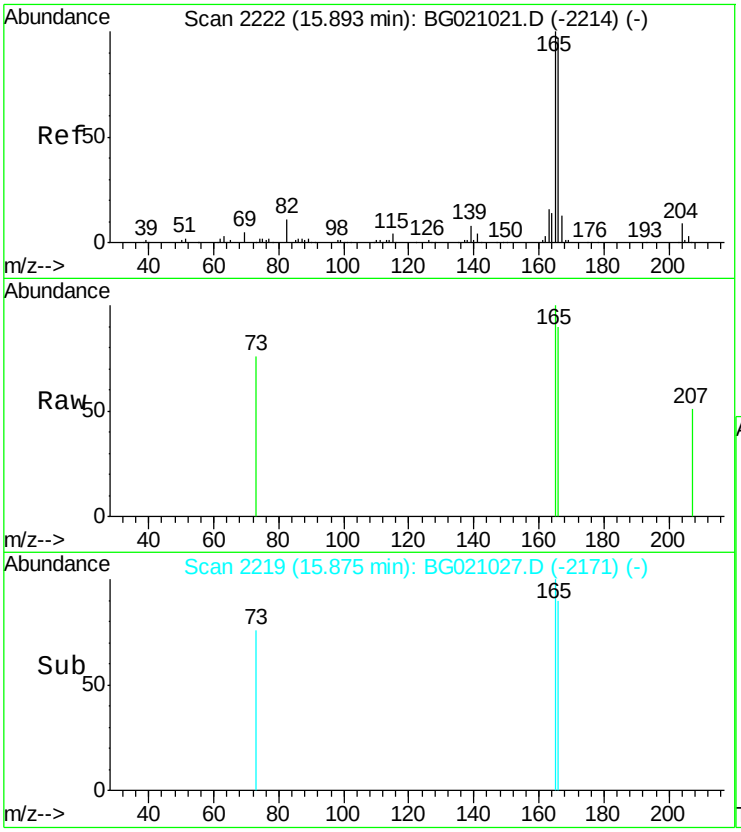


#51
Acenaphthene
Concen: 0.06 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:154 Resp: 121

Ion	Ratio	Lower	Upper
154	100		
153	111.3	93.4	140.0
152	0.0	43.4	65.2#



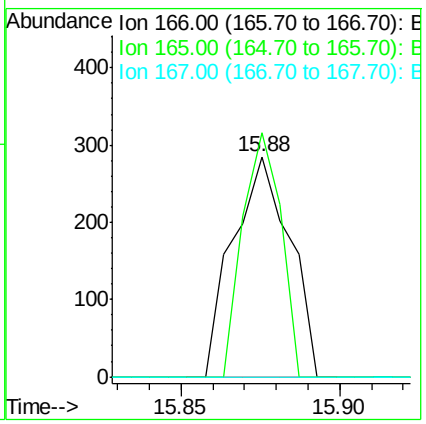


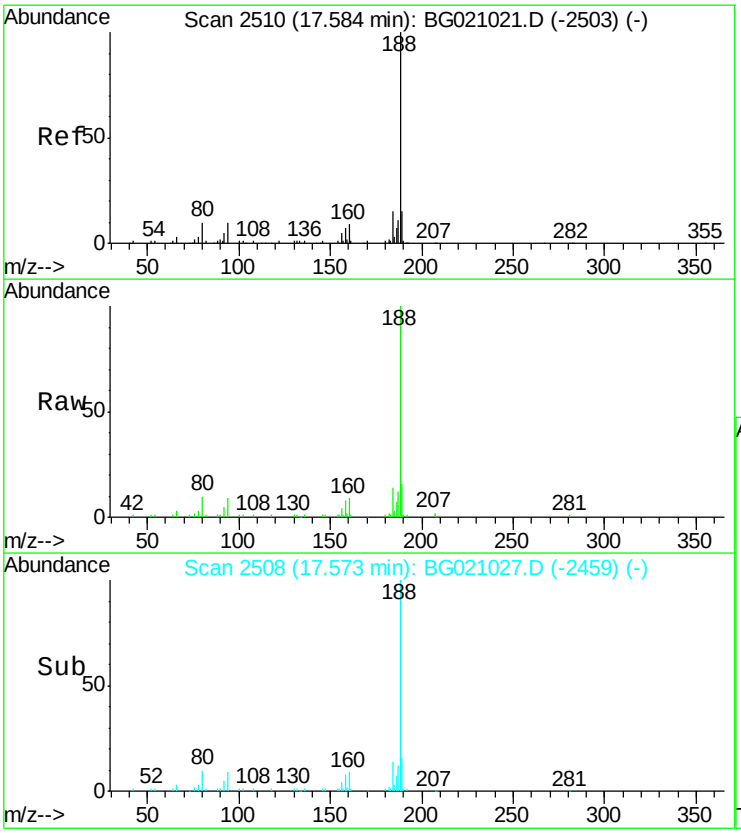
#57
Fluorene
Concen: 0.14 ng
RT: 15.88 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:166 Resp: 353

Ion	Ratio	Lower	Upper
166	100		
165	110.9	82.2	123.4
167	0.0	10.6	16.0#

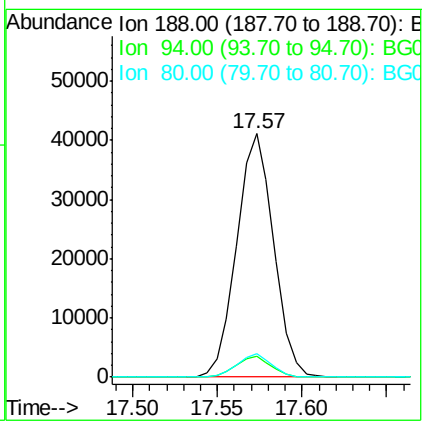


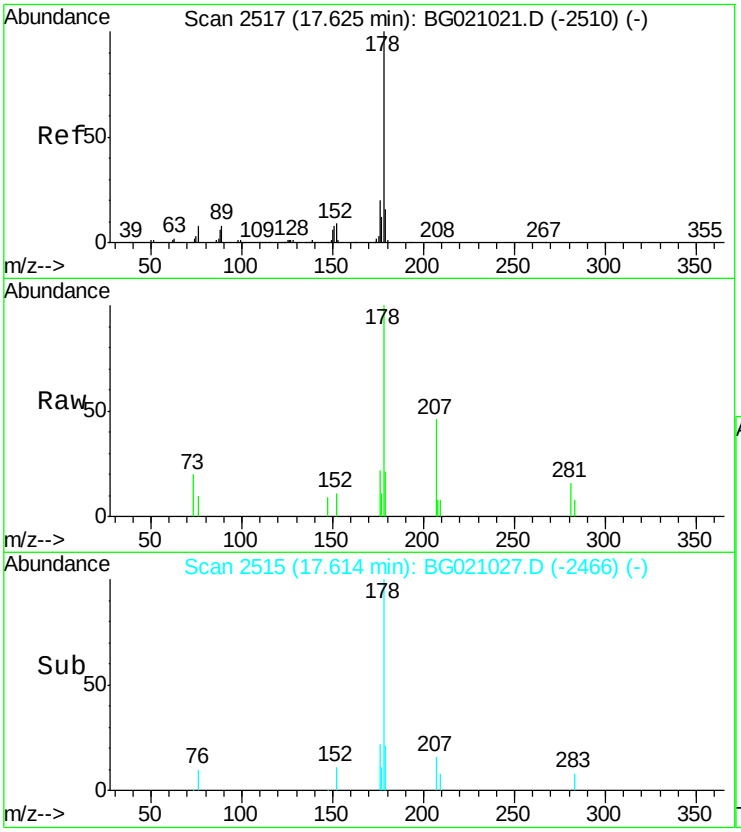


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:188 Resp: 62175

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.7	8.2	12.4



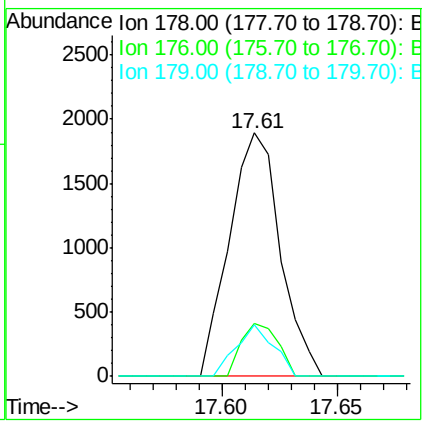


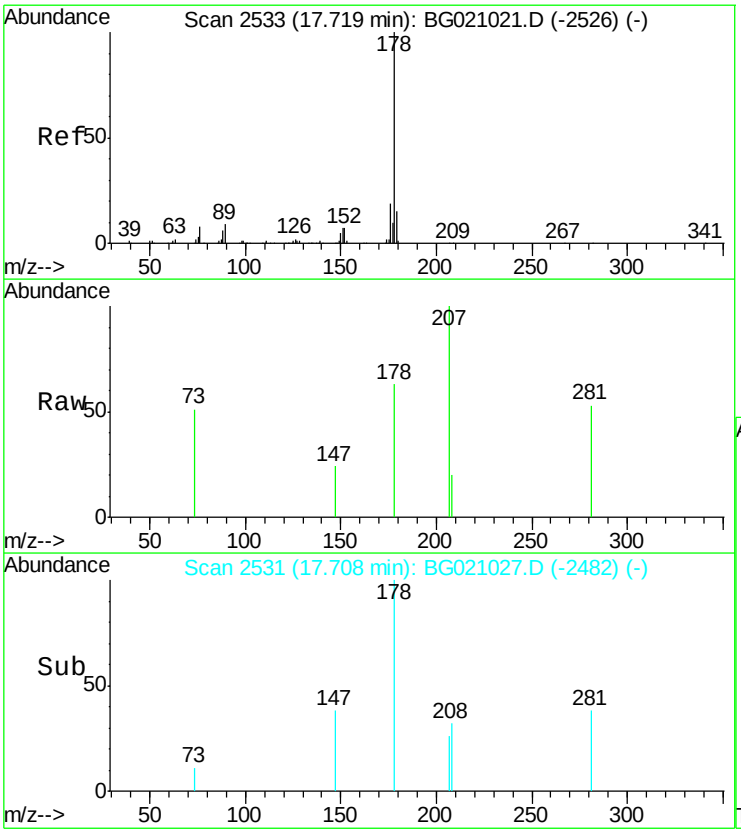
#70
Phenanthrene
Concen: 0.83 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:178 Resp: 2908

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.7	23.5
179	21.1	12.5	18.7#

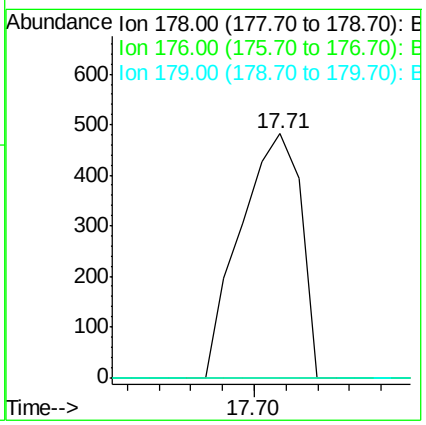


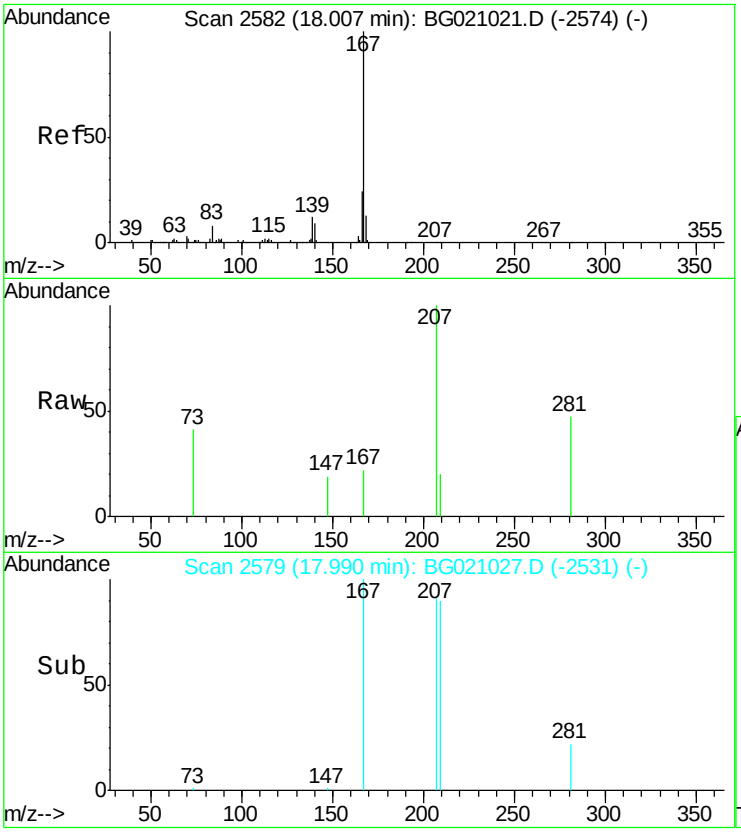


#71
Anthracene
Concen: 0.18 ng
RT: 17.71 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:178 Resp: 636

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	0.0	12.1	18.1#



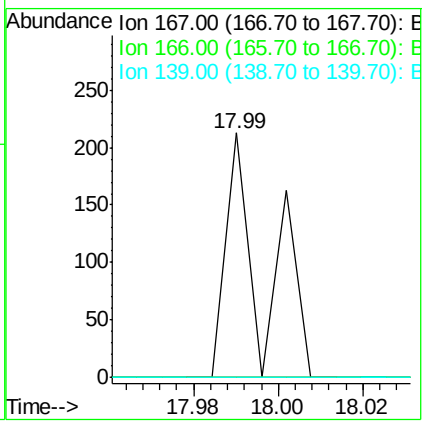


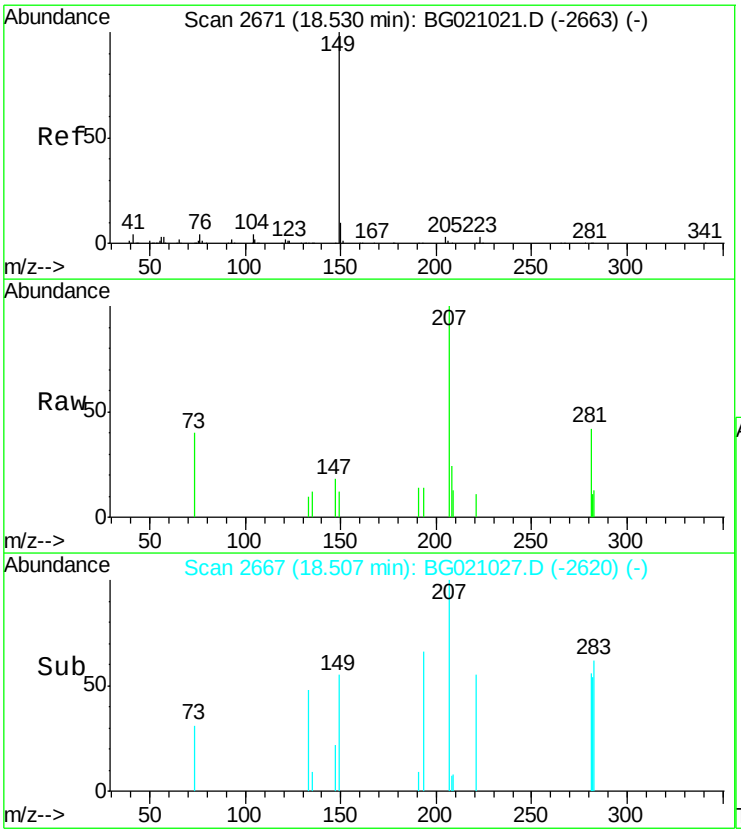
#72
Carbazole
Concen: 0.05 ng
RT: 17.99 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:167 Resp: 133

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.0#
139	0.0	9.8	14.8#

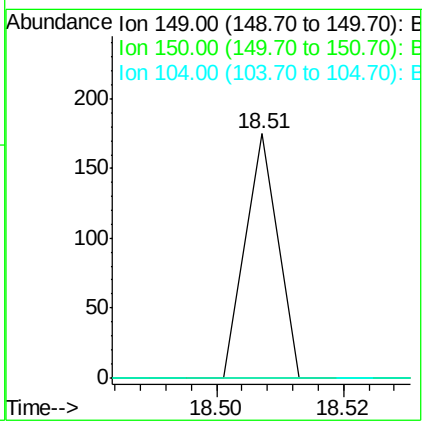


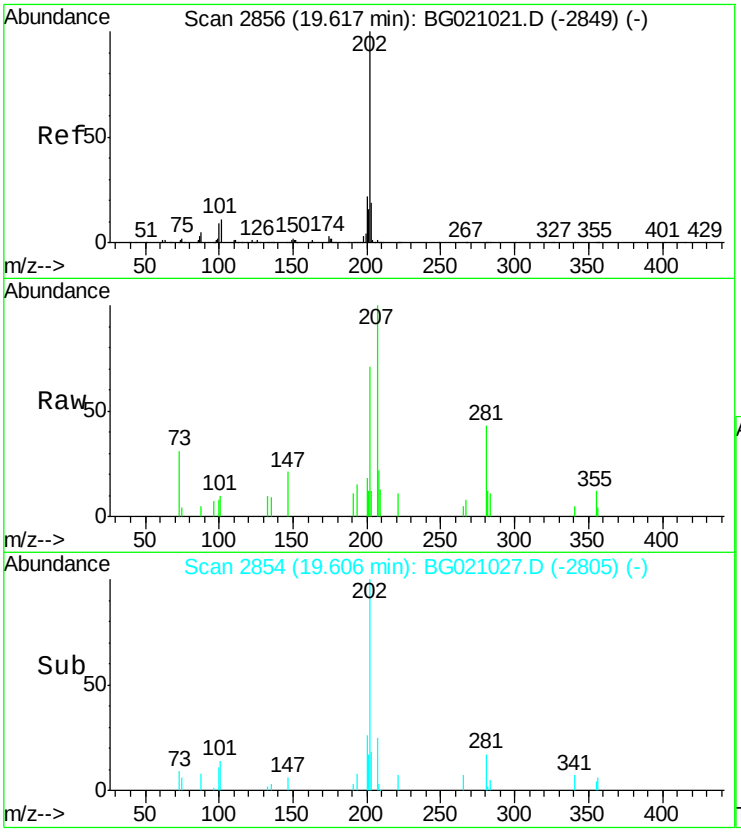


#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:149 Resp: 62

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	3.4	5.2#



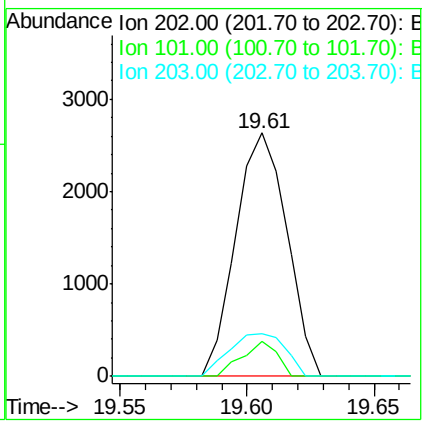


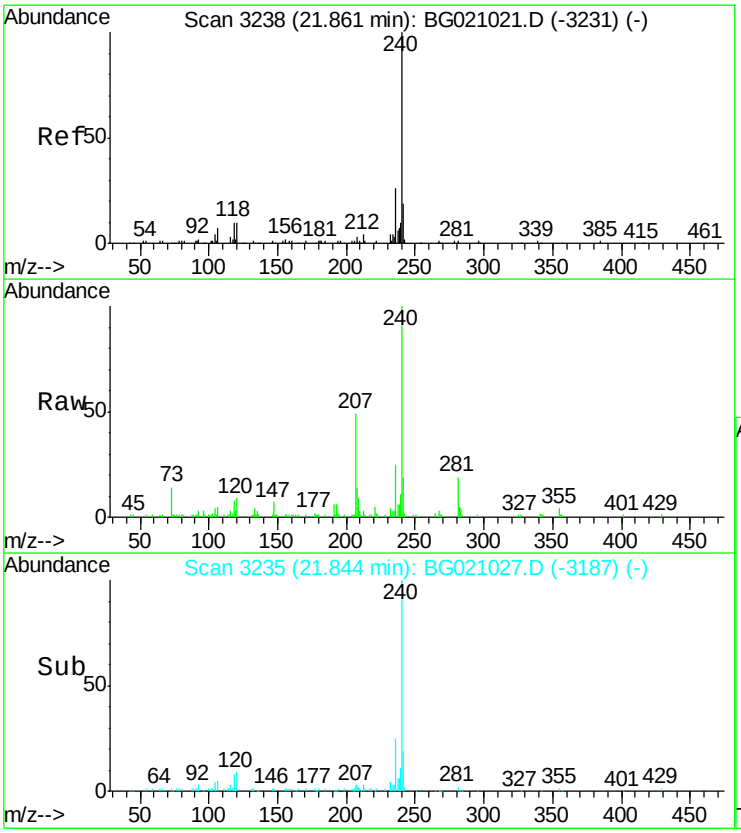
#74
Fluoranthene
Concen: 1.28 ng
RT: 19.61 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:202 Resp: 3703

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.9
203	17.7	0.0	38.5

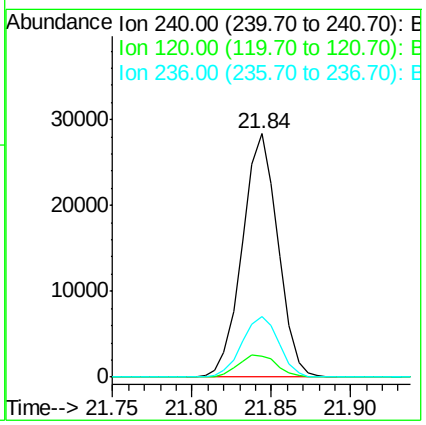


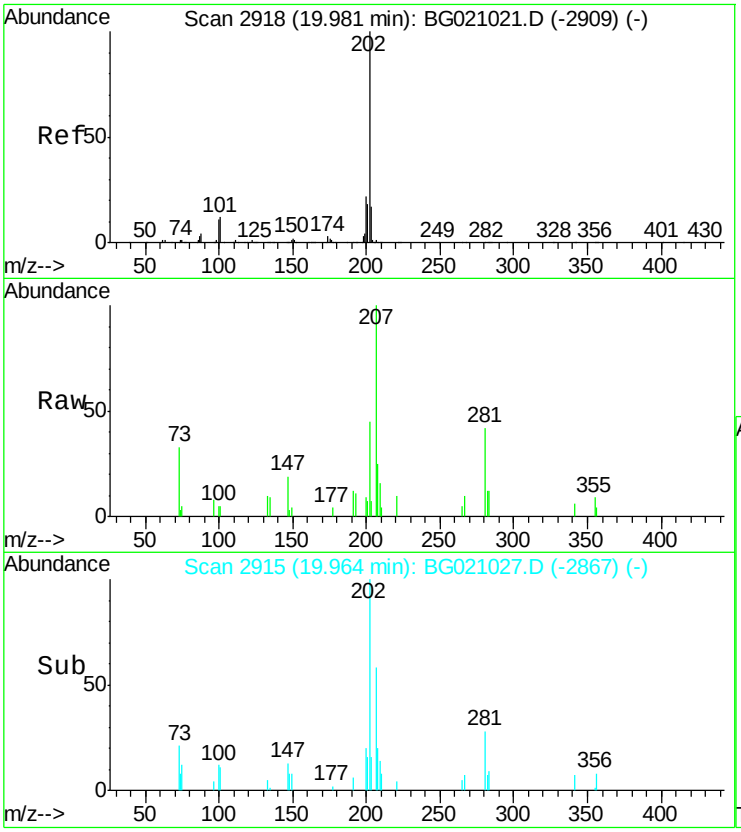


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:240 Resp: 44263

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.3	12.5
236	25.1	21.2	31.8



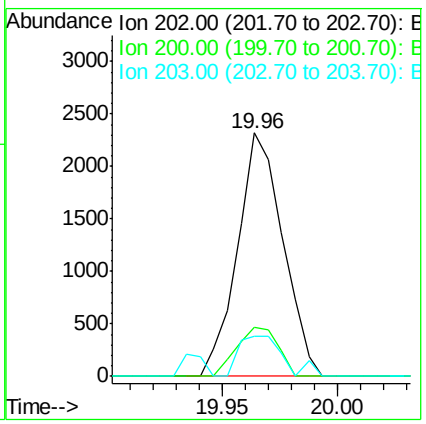


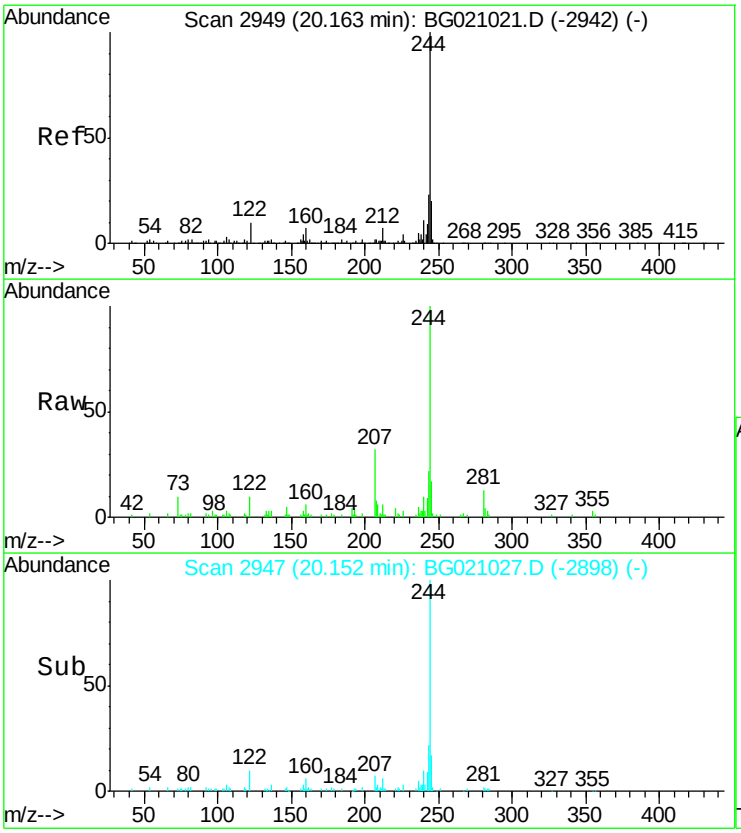
#77
Pyrene
Concen: 0.94 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:202 Resp: 3179

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	16.2	13.7	20.5

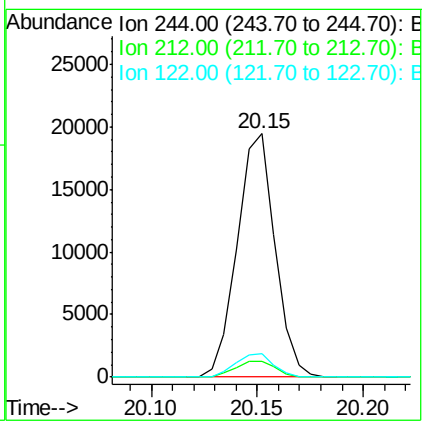


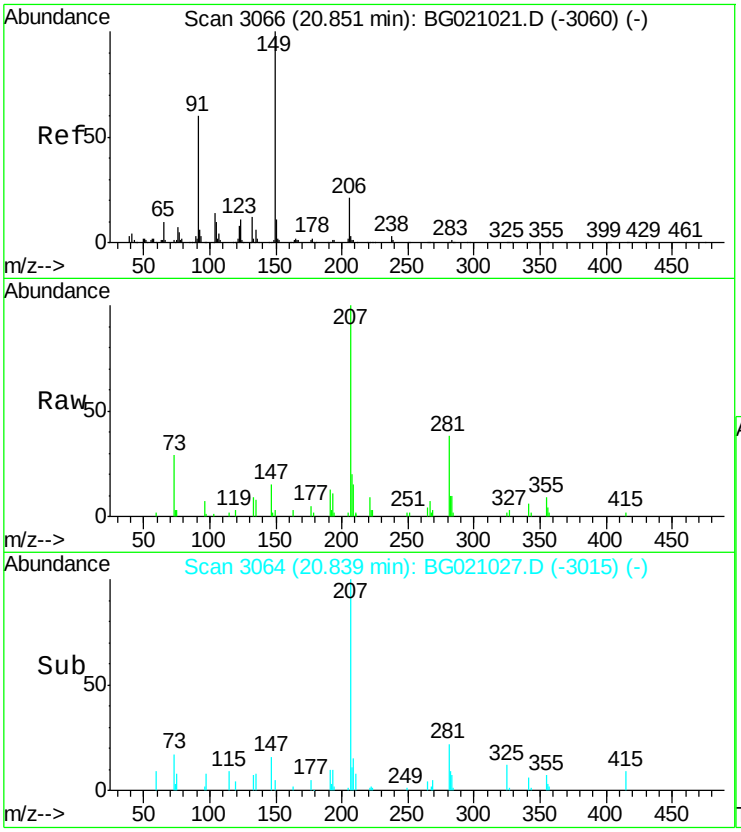


#78
Terphenyl-d14
Concen: 10.30 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:244 Resp: 24162

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	9.6	7.9	11.9



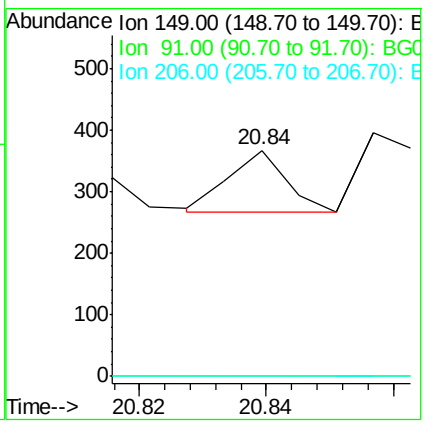


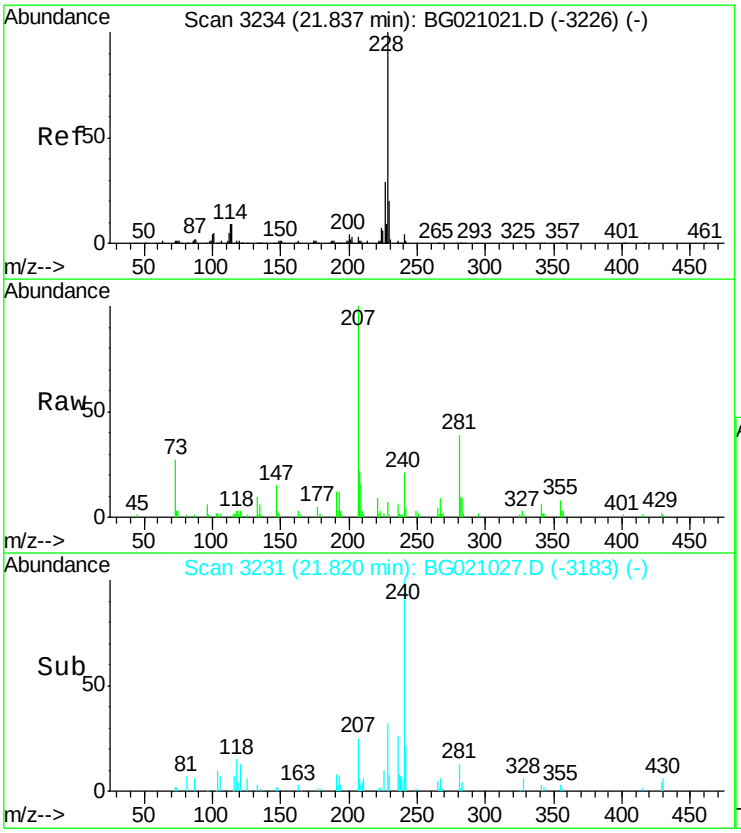
#79
Butylbenzylphthalate
Concen: 0.05 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:149 Resp: 63

Ion	Ratio	Lower	Upper
149	100		
91	0.0	47.7	71.5#
206	0.0	16.9	25.3#

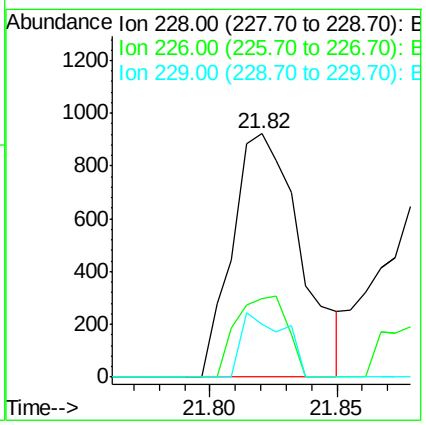


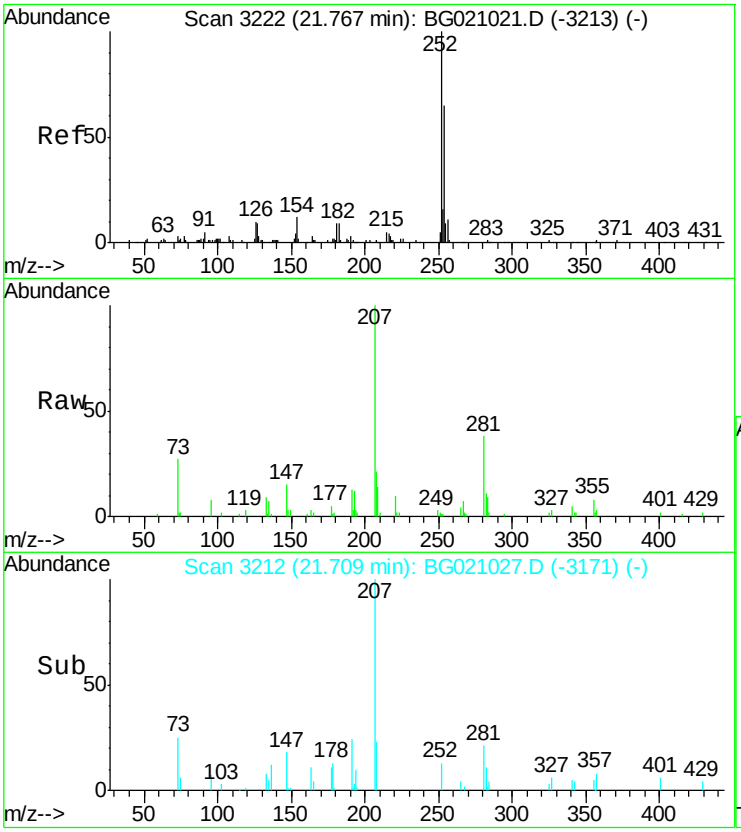


#80
Benzo(a)anthracene
Concen: 0.66 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:228 Resp: 1733

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.9	34.3
229	21.5	16.3	24.5



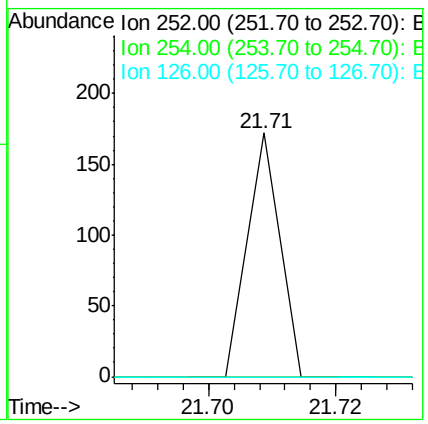


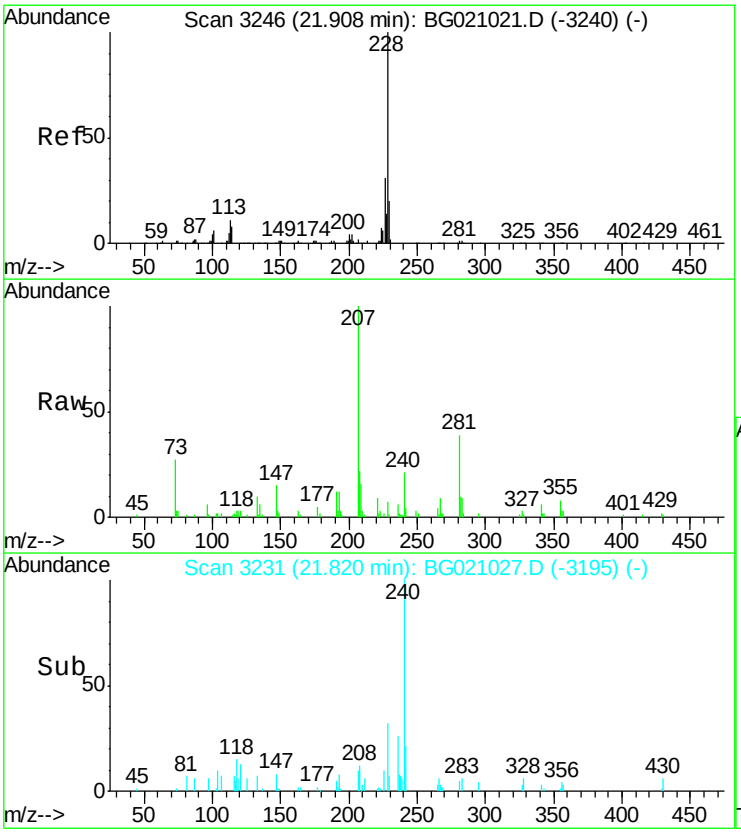
#81
3,3'-Dichlorobenzidine
Concen: 0.06 ng
RT: 21.71 min Scan# 3212
Delta R.T. -0.06 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.3	78.5#
126	0.0	7.8	11.8#

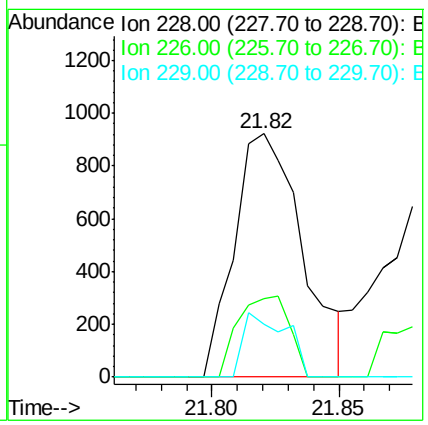


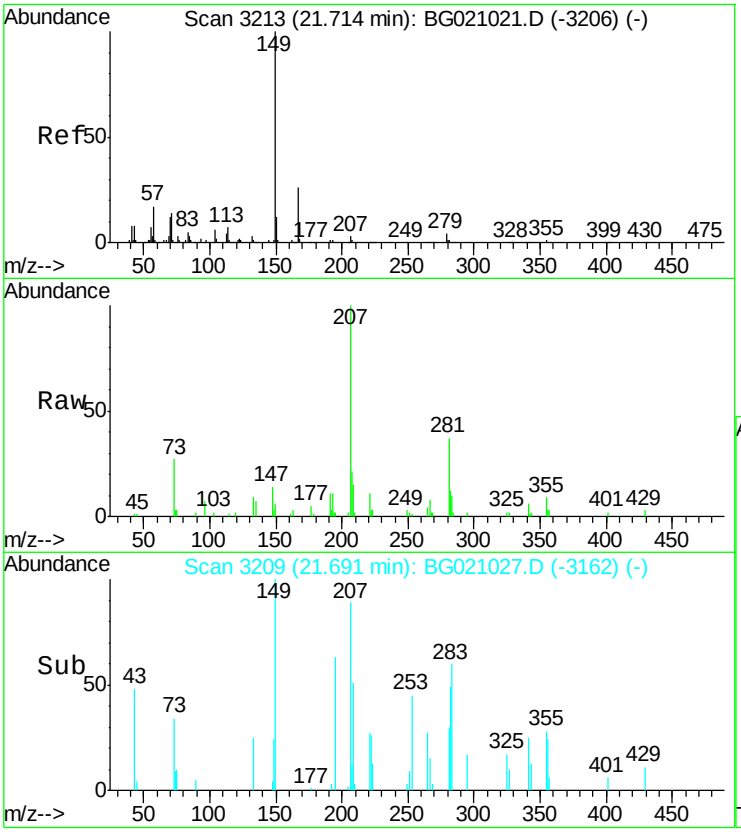


#82
Chrysene
Concen: 0.70 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.09 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:228 Resp: 1733

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	21.5	15.9	23.9



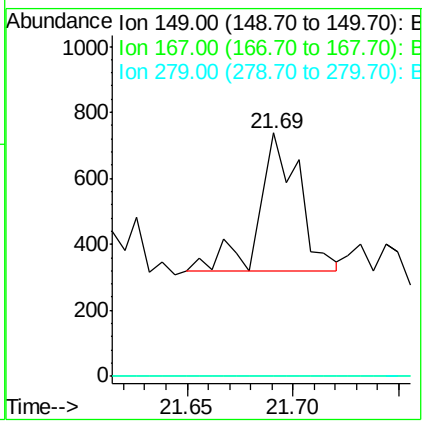


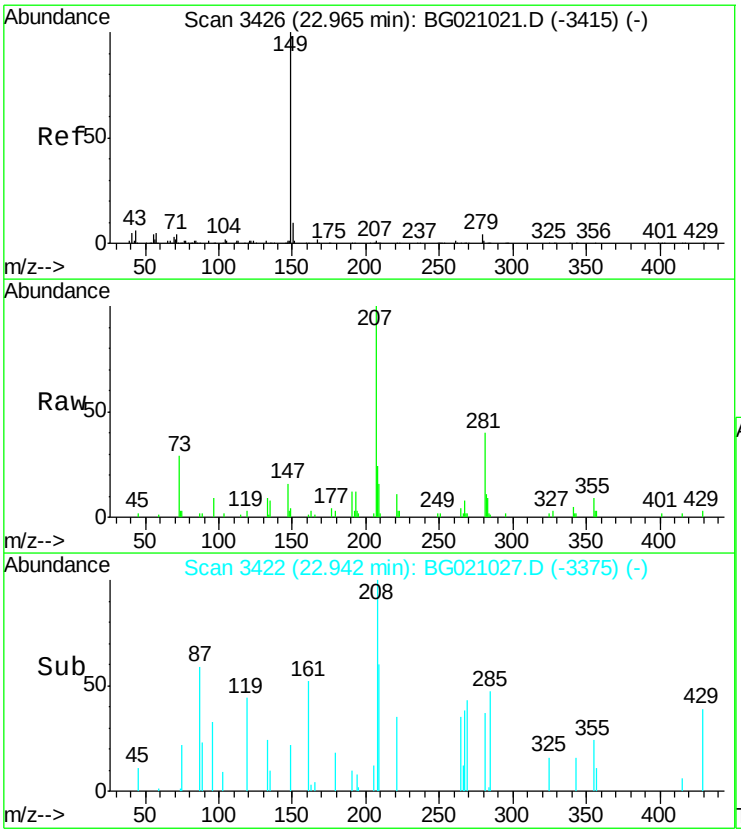
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:149 Resp: 561

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	0.0	3.8	5.6#

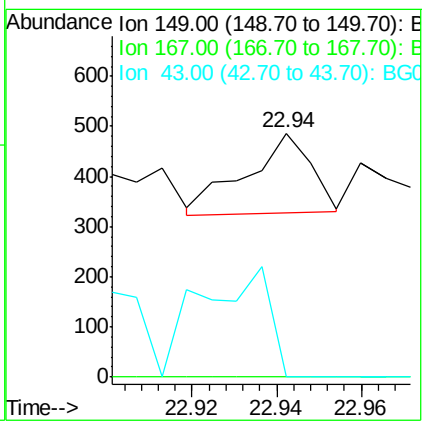


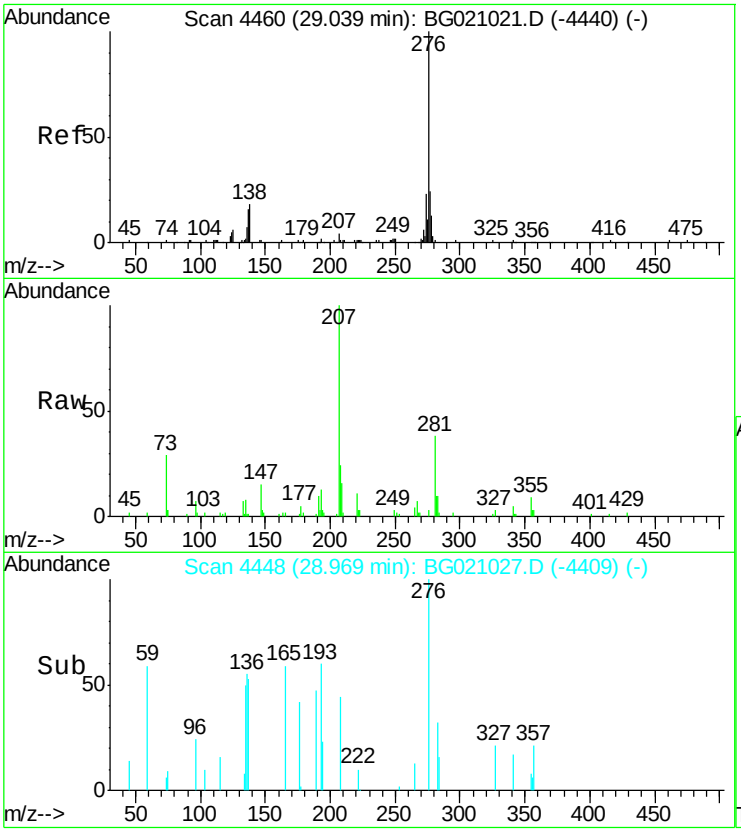


#84
Di-n-octyl phthalate
Concen: 0.06 ng
RT: 22.94 min Scan# 3422
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:149 Resp: 172

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	143.0	5.0	7.6#



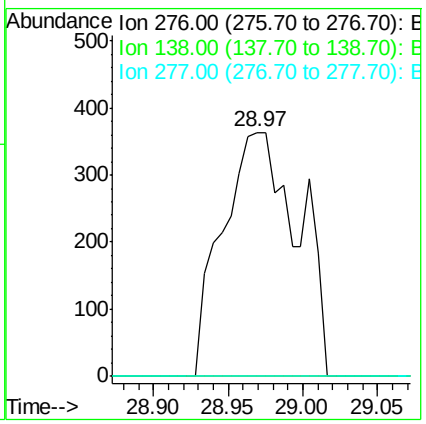


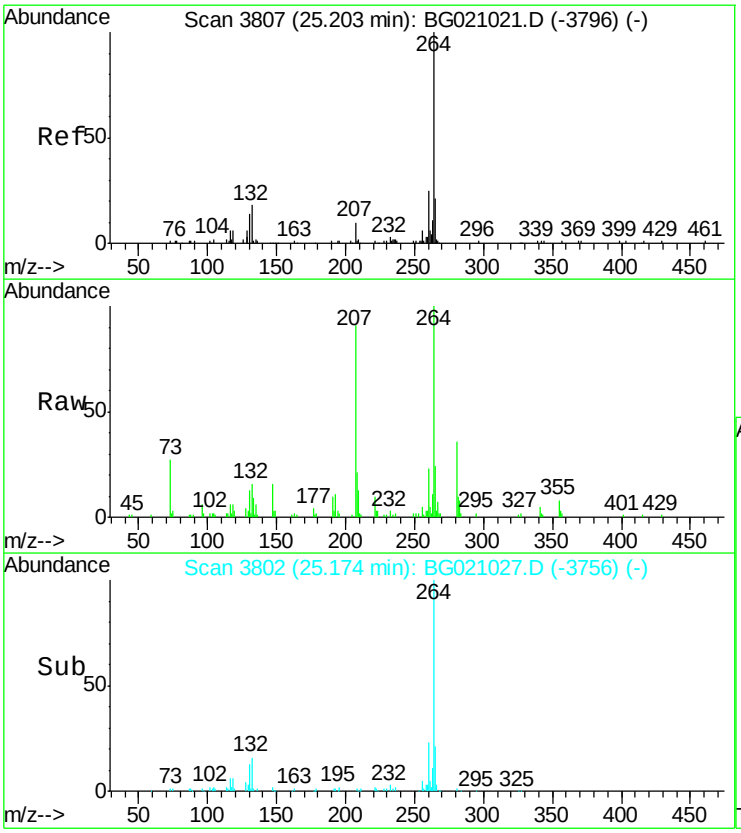
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 28.97 min Scan# 4448
Delta R.T. -0.07 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:276 Resp: 1274

Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.1	19.7#
277	0.0	20.6	30.8#

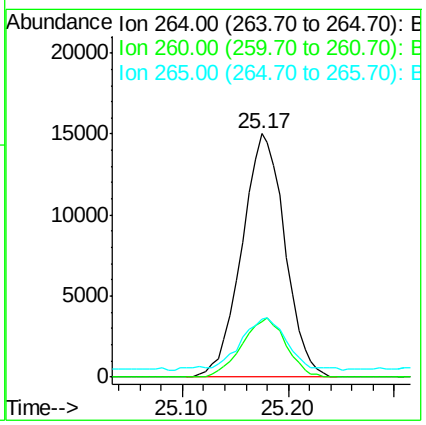


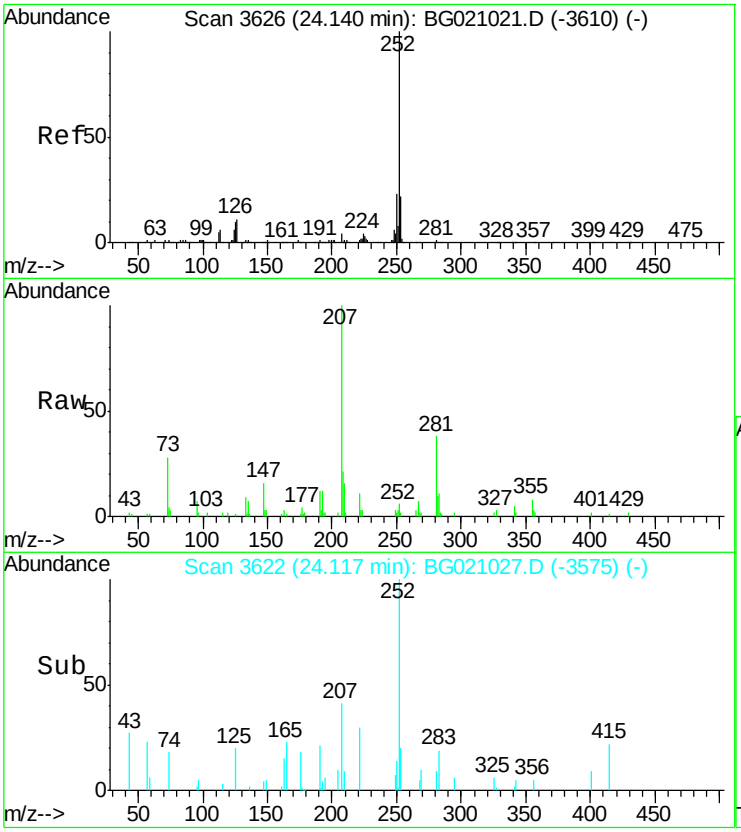


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3802
Delta R.T. -0.03 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:264 Resp: 42387

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.8	29.6
265	23.8	20.7	31.1



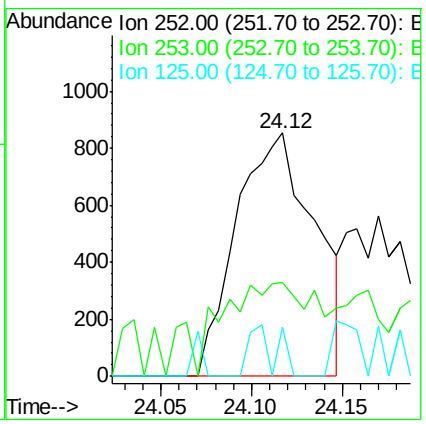


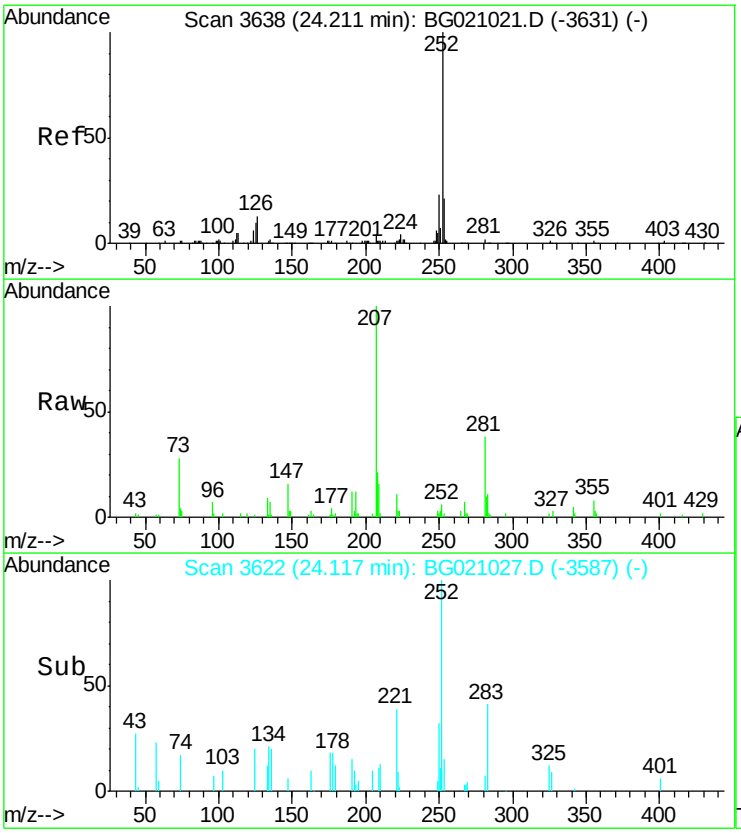
#87
Benzo(b)fluoranthene
Concen: 1.02 ng
RT: 24.12 min Scan# 3622
Delta R.T. -0.02 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:252 Resp: 2564

Ion	Ratio	Lower	Upper
252	100		
253	38.5	18.4	27.6#
125	20.4	8.6	12.8#

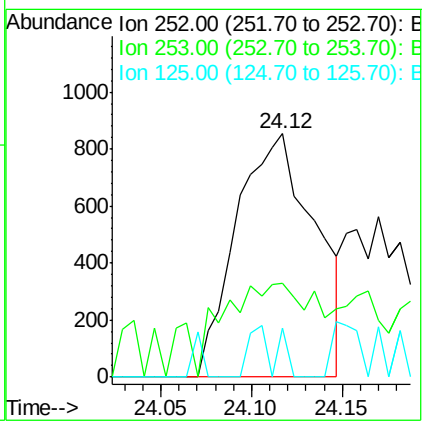


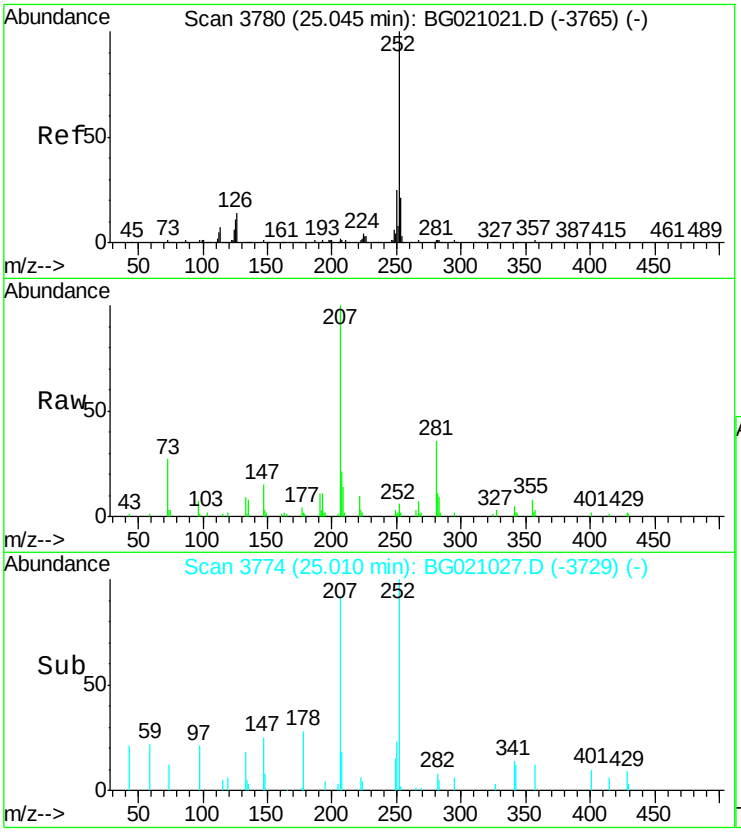


#88
Benzo(k)fluoranthene
Concen: 1.04 ng
RT: 24.12 min Scan# 3622
Delta R.T. -0.09 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:252 Resp: 2564

Ion	Ratio	Lower	Upper
252	100		
253	38.5	17.4	26.2#
125	20.4	8.2	12.4#



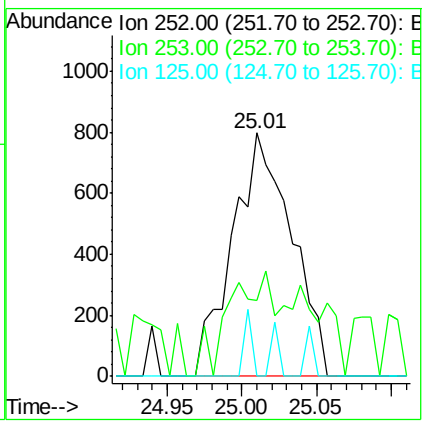


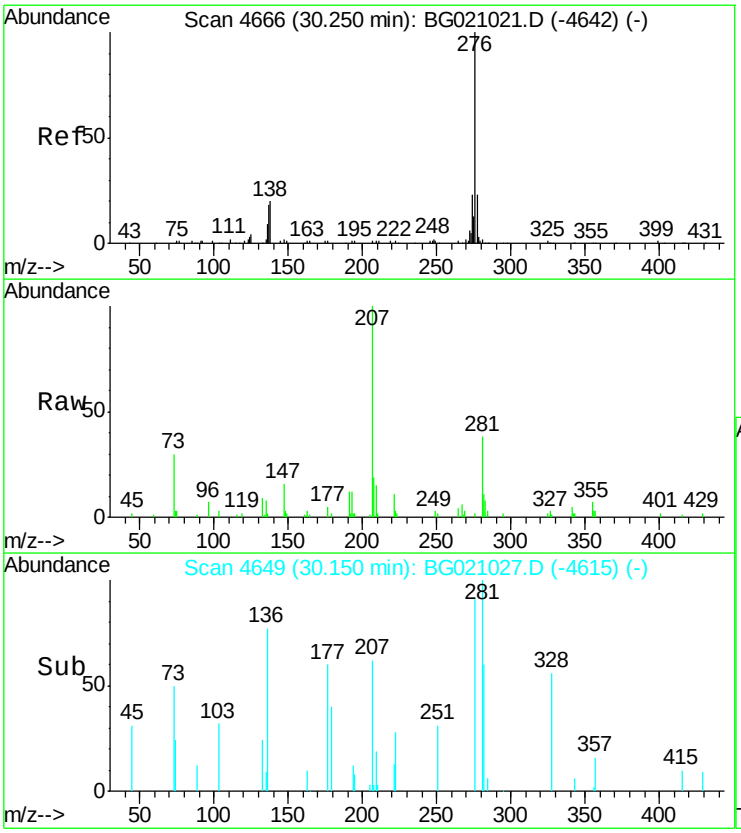
#89
Benzo(a)pyrene
Concen: 0.90 ng
RT: 25.01 min Scan# 3774
Delta R.T. -0.03 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Instrument :
BNA_G
ClientSampleId :
EVTP2

Tgt Ion:252 Resp: 2195

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.5	26.3#
125	0.0	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 30.15 min Scan# 4649
Delta R.T. -0.10 min
Lab File: BG021027.D
Acq: 22 Feb 2016 23:39

Tgt Ion:276 Resp: 554

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	15.7	23.5#