Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
Data File : BG021734.D
Acq On : 18 Apr 2016 11:07
Operator : UM/SJ
Sample : H2558-05DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-15-6-7DL

Quant Time: Apr 18 12:08:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	32707	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	150173	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	97915	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	189480	20.00	ng		0.00
75) Chrysene-d12	21.83	240	219036	20.00	ng		0.00
86) Perylene-d12	25.16	264	217753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	42486	21.63	ng		0.00
7) Phenol-d6	7.36	99	65016	22.16	ng		0.00
23) Nitrobenzene-d5	9.38	82	69894	23.92	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	22426	21.25	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	109658	16.41	ng		0.00
78) Terphenyl-d14	20.14	244	139117	15.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.35	77	15989	9.42	ng	#	1
18) Hexachloroethane	9.32	117	68926	70.74	ng	#	1
19) n-Nitroso-di-n-propylamine	8.97	70	15608	6.85	ng	#	59
22) Acetophenone	9.02	105	188461	45.06	ng	#	52
24) Nitrobenzene	9.41	77	12484	3.99	ng	#	21
25) Isophorone	9.95	82	63530	9.93	ng	#	1
26) 2-Nitrophenol	10.15	139	3753	3.14	ng	#	1
28) bis(2-Chloroethoxy)methane	10.46	93	11062	3.26	ng	#	1
31) Naphthalene	11.09	128	103810	12.92	ng	#	72
32) Benzoic acid	10.24	122	1810	5.61	ng	#	1
33) 4-Chloroaniline	11.14	127	10499	3.02	ng	#	1
35) Caprolactam	11.93	113	10688	10.10	ng	#	1
37) 2-Methylnaphthalene	12.68	142	212862	38.58	ng		94
45) 1,1'-Biphenyl	13.67	154	69698	8.45	ng		95
53) 2,4-Dinitrophenol	14.90	184	677	8.45	ng	#	1
55) 4-Nitrophenol	15.03	139	10526	6.87	ng	#	30
57) Fluorene	15.88	166	22818	2.90	ng	#	53
64) 4,6-Dinitro-2-methylphenol	15.91	198	884	6.39	ng	#	1
65) n-Nitrosodiphenylamine	16.06	169	79823	14.05	ng	#	58
68) Atrazine	17.02	200	11968	5.33	ng	#	66
70) Phenanthrene	17.61	178	27672	2.65	ng	#	80
77) Pyrene	19.96	202	35818	2.84	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Apr 2016 11:07
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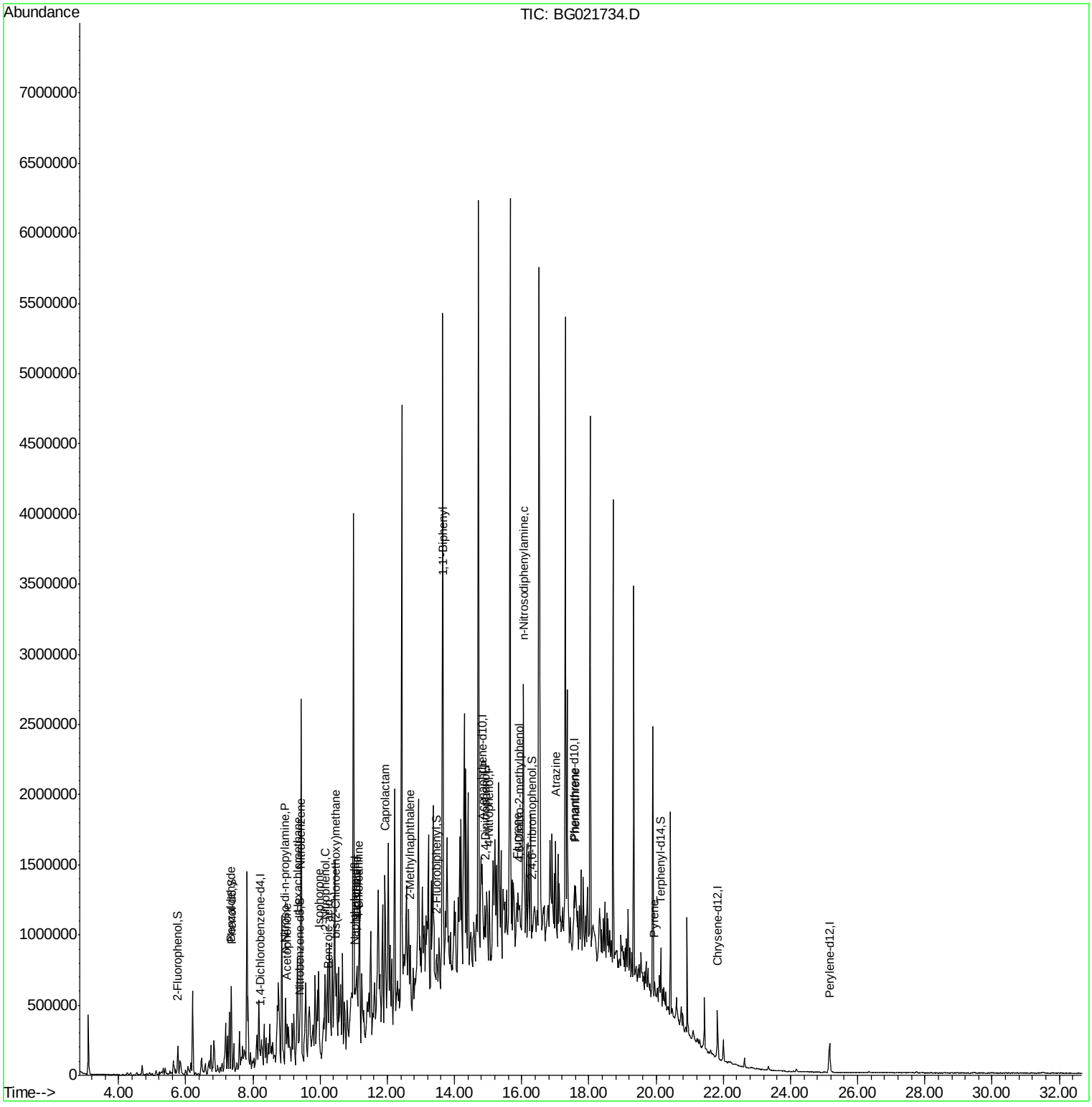
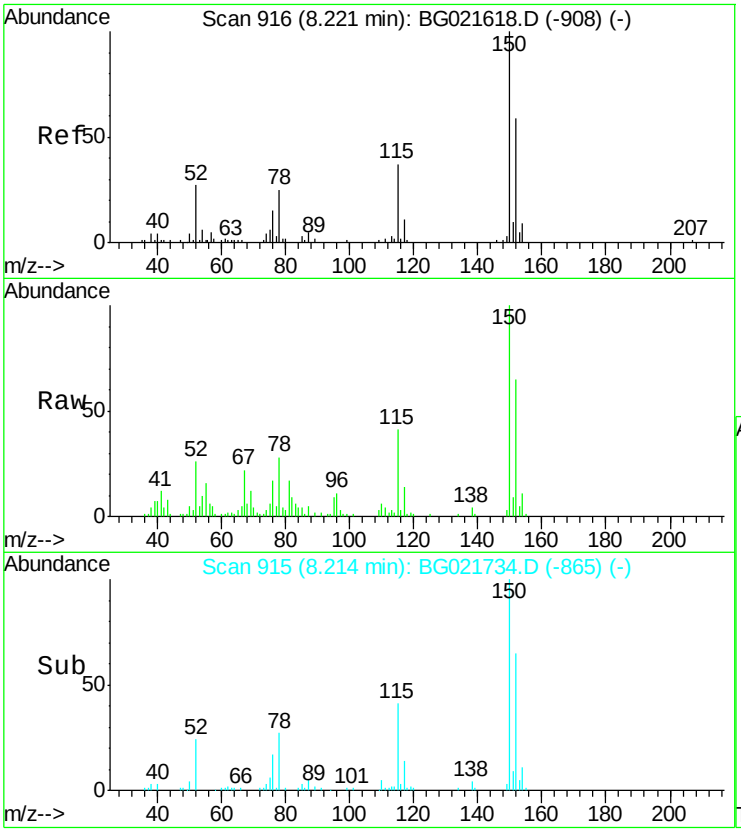
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Quant Time: Apr 18 12:08:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



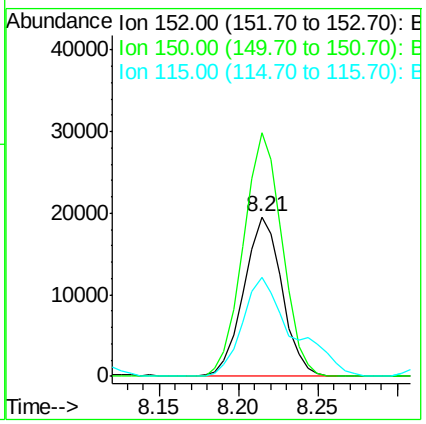


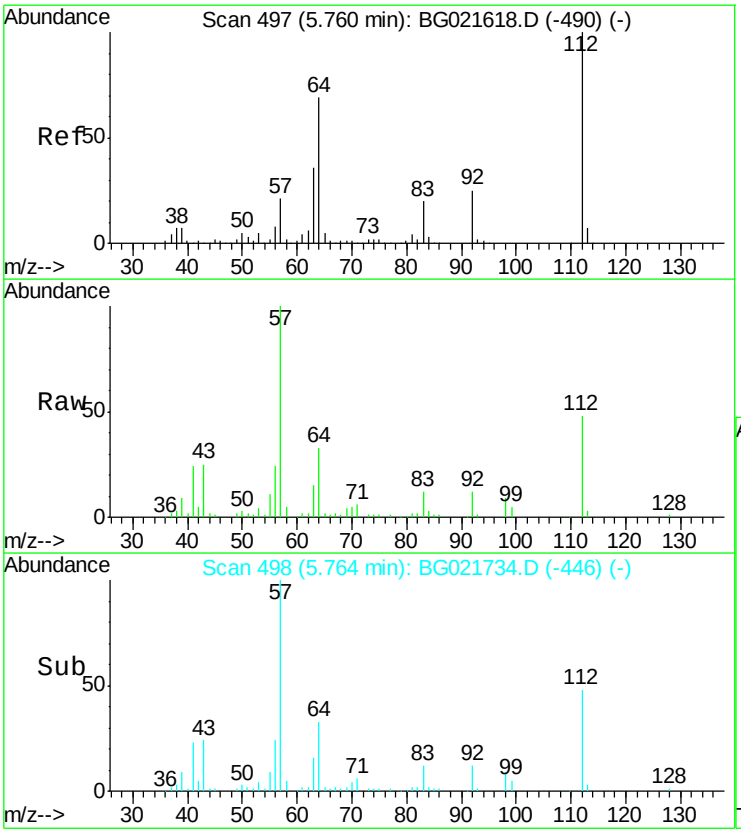
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:152 Resp: 32707

Ion	Ratio	Lower	Upper
152	100		
150	152.7	130.1	195.1
115	62.1	62.2	93.2#

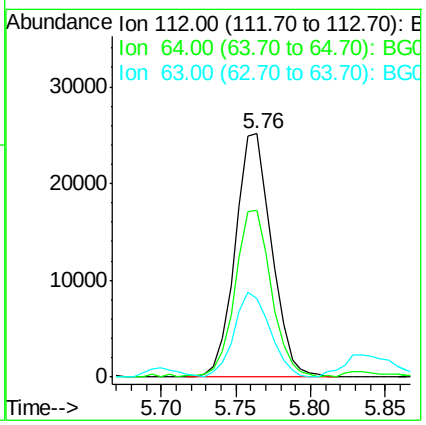


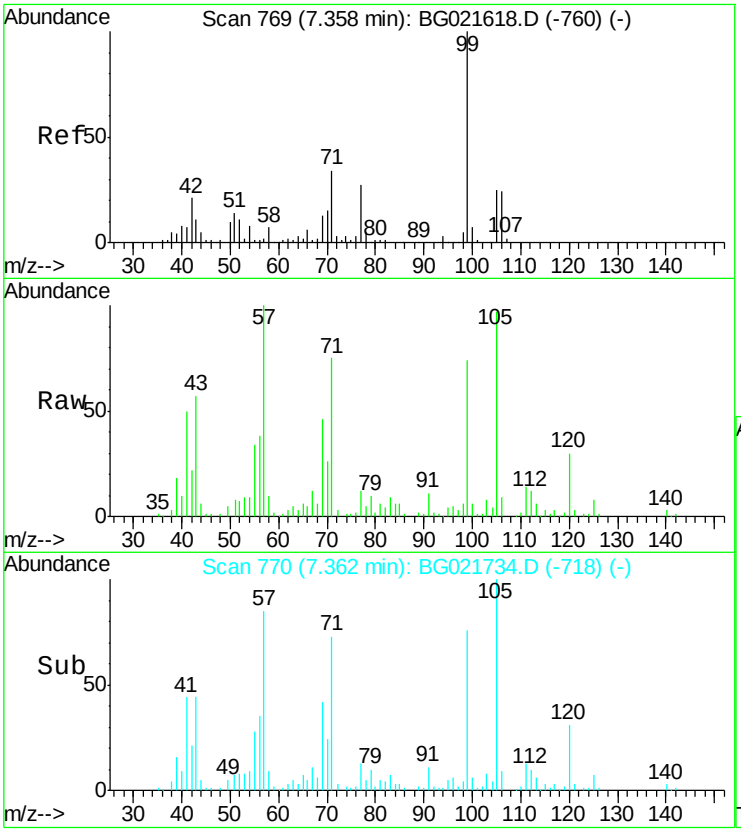


#5
2-Fluorophenol
Concen: 21.63 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:112 Resp: 42486

Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.1	76.7
63	32.4	24.6	37.0



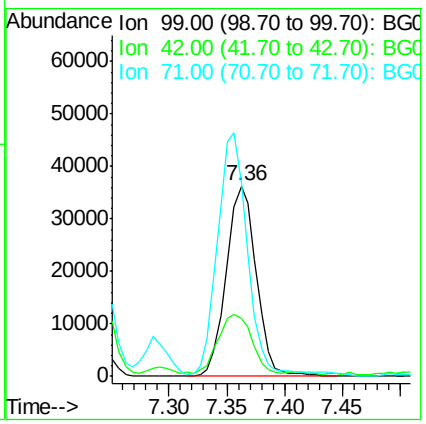


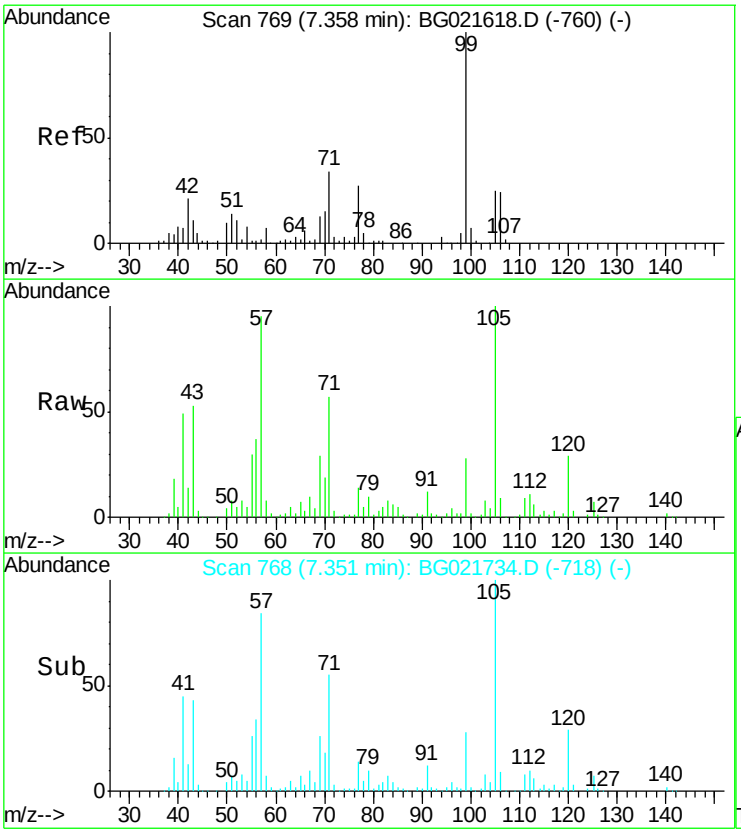
#7
Phenol-d6
Concen: 22.16 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion: 99 Resp: 65016

Ion	Ratio	Lower	Upper
99	100		
42	30.3	16.4	24.6#
71	102.2	25.0	37.4#

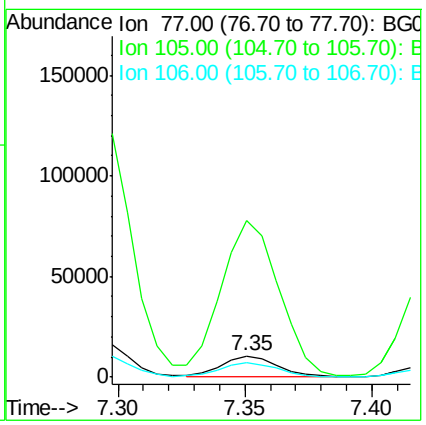


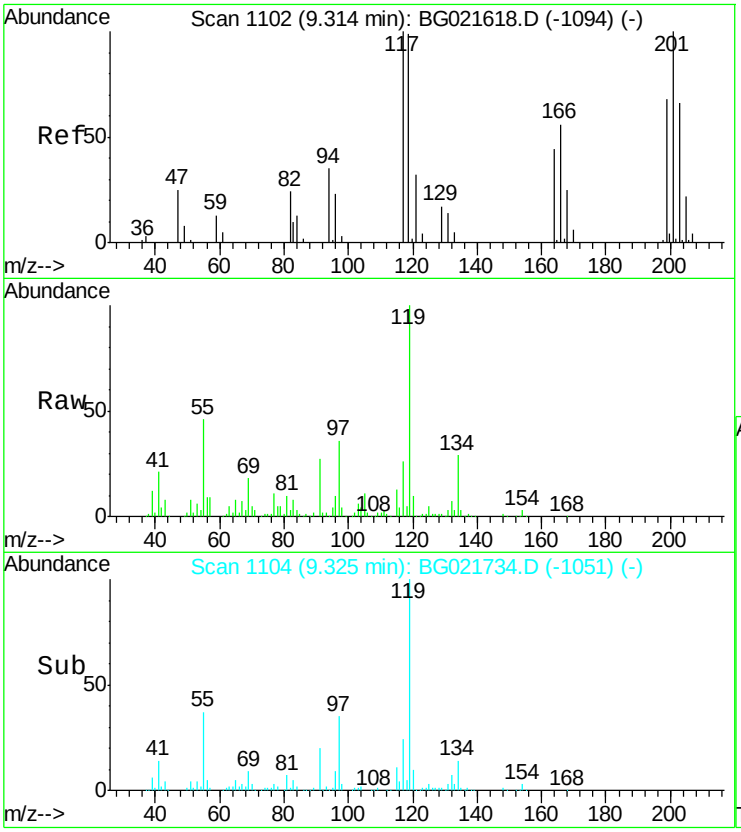


#9
Benzaldehyde
Concen: 9.42 ng
RT: 7.35 min Scan# 768
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion: 77 Resp: 15989

Ion	Ratio	Lower	Upper
77	100		
105	730.4	62.1	102.1#
106	67.4	65.6	105.6



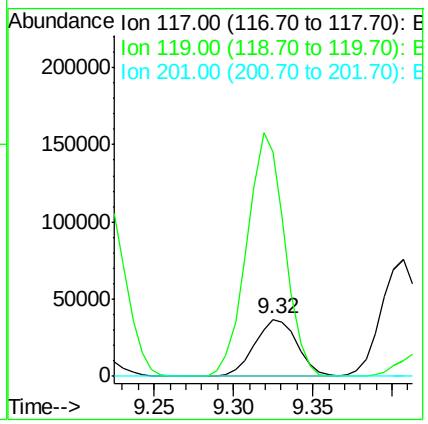


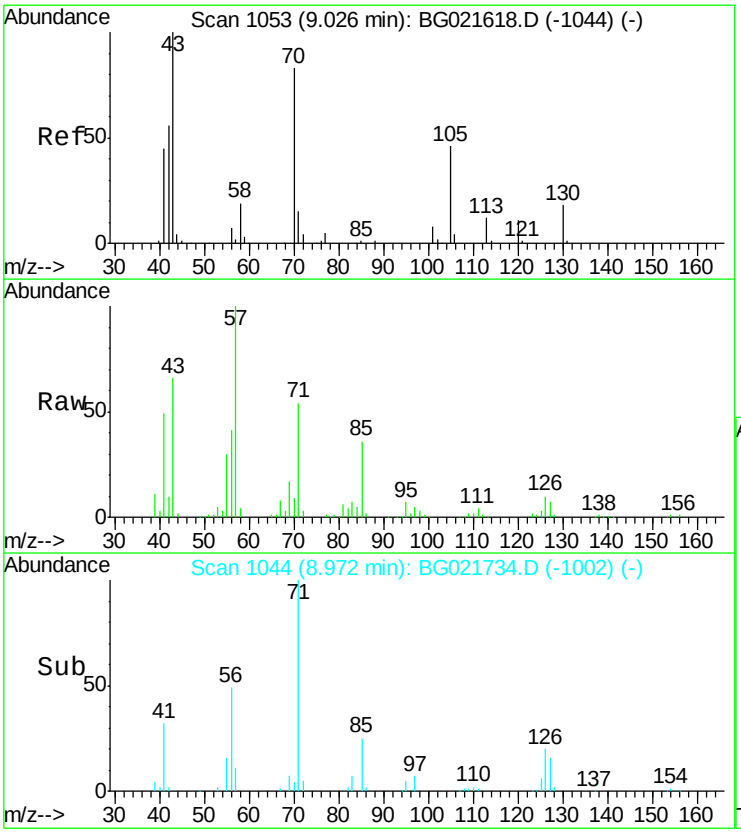
#18
Hexachloroethane
Concen: 70.74 ng
RT: 9.32 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:117 Resp: 68926

Ion	Ratio	Lower	Upper
117	100		
119	391.2	63.9	95.9#
201	0.0	61.2	91.8#

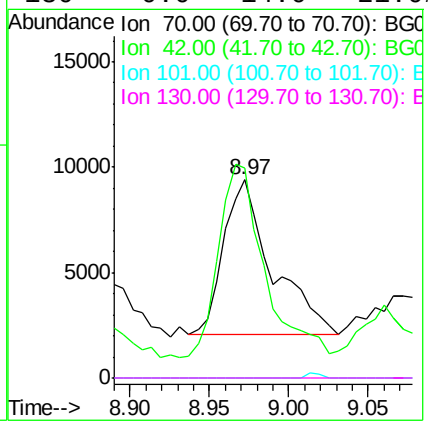


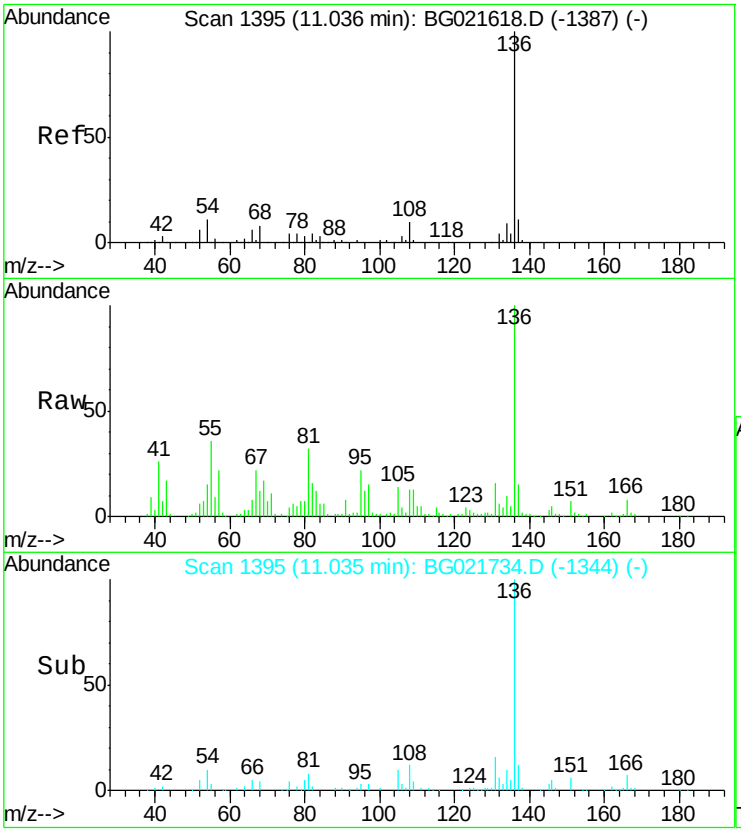


#19
n-Nitroso-di-n-propylamine
Concen: 6.85 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion: 70 Resp: 15608

Ion	Ratio	Lower	Upper
70	100		
42	106.1	56.7	85.1#
101	0.0	8.2	12.4#
130	0.0	14.0	21.0#



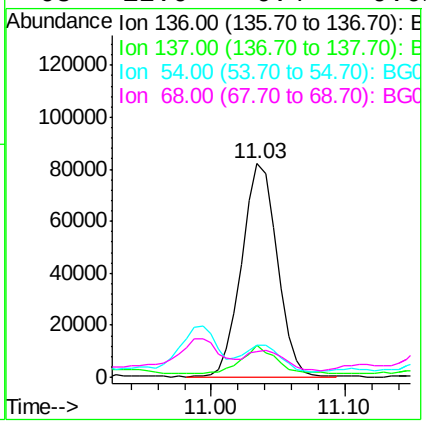


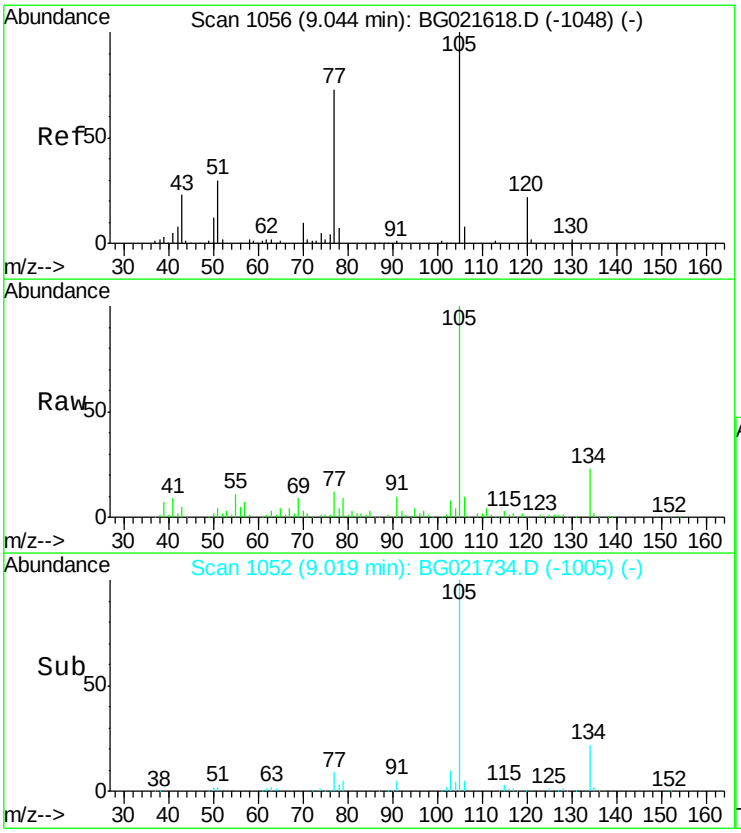
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:136 Resp: 150173

Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.0	13.4#
54	14.8	9.6	14.4#
68	12.0	6.4	9.6#

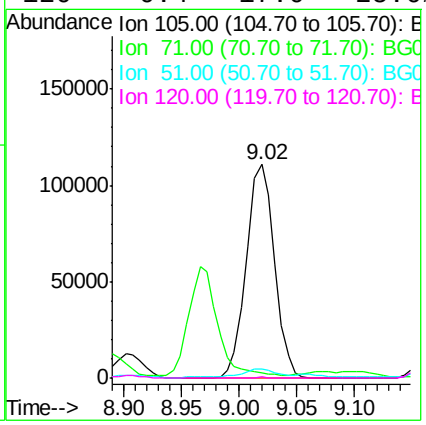


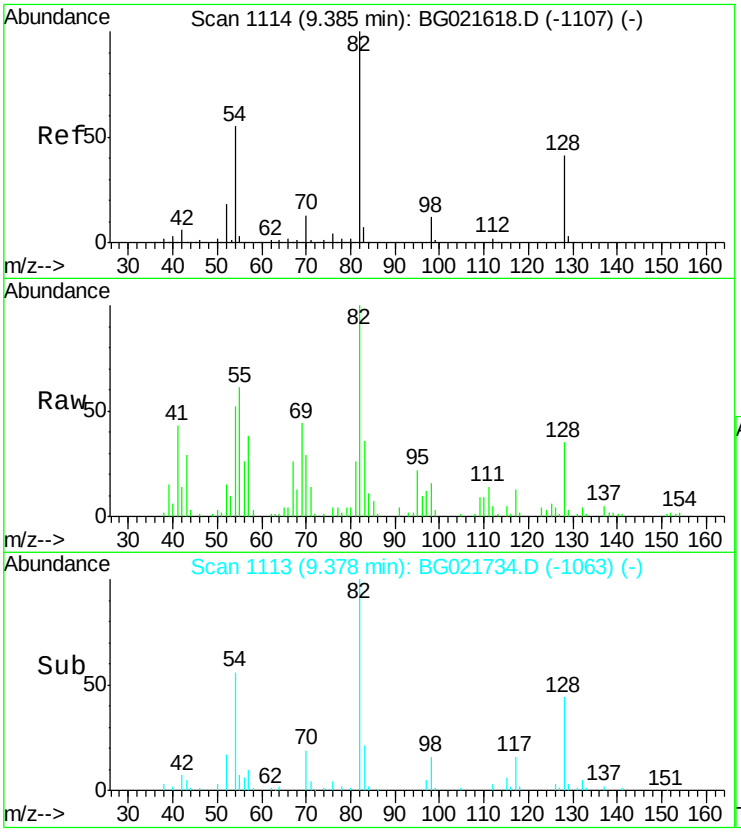


#22
Acetophenone
Concen: 45.06 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:105 Resp: 188461

Ion	Ratio	Lower	Upper
105	100		
71	2.4	0.0	0.0#
51	4.2	25.7	38.5#
120	0.4	17.0	25.6#



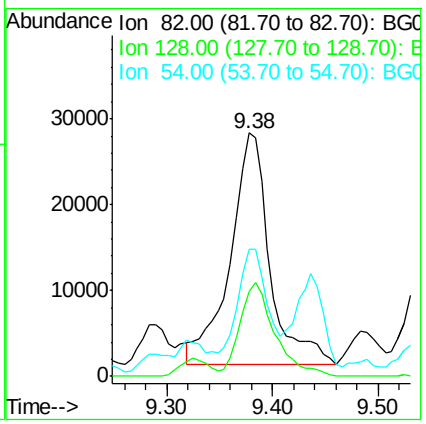


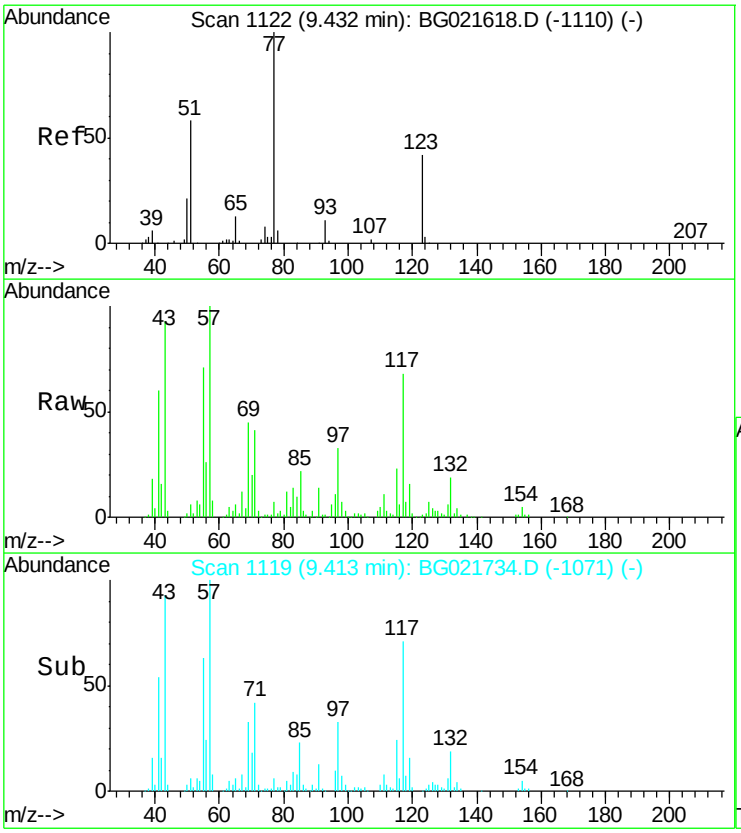
#23
Nitrobenzene-d5
Concen: 23.92 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion: 82 Resp: 69894

Ion	Ratio	Lower	Upper
82	100		
128	34.8	33.4	50.0
54	52.5	46.1	69.1

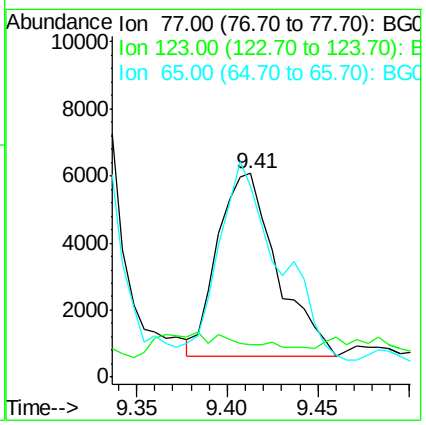


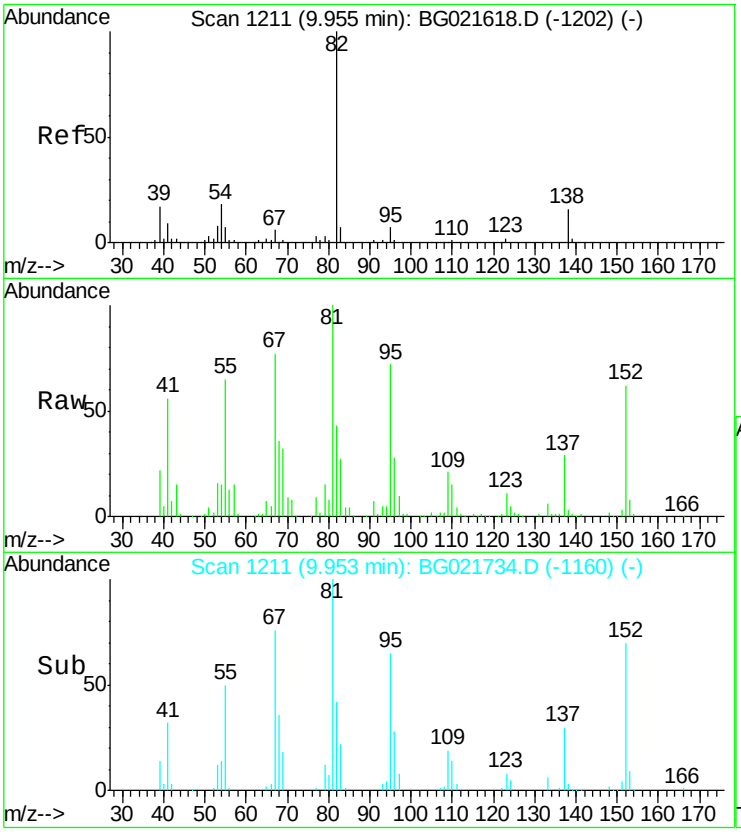


#24
Nitrobenzene
Concen: 3.99 ng
RT: 9.41 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion: 77 Resp: 12484

Ion	Ratio	Lower	Upper
77	100		
123	15.9	32.2	48.4#
65	93.9	10.3	15.5#



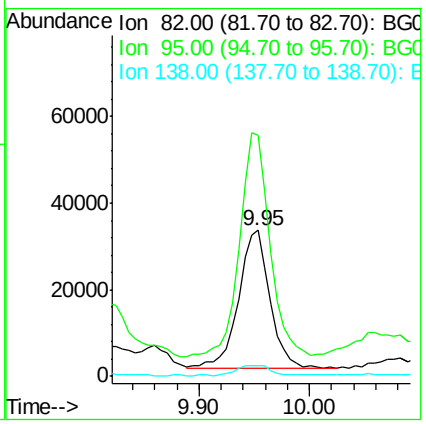


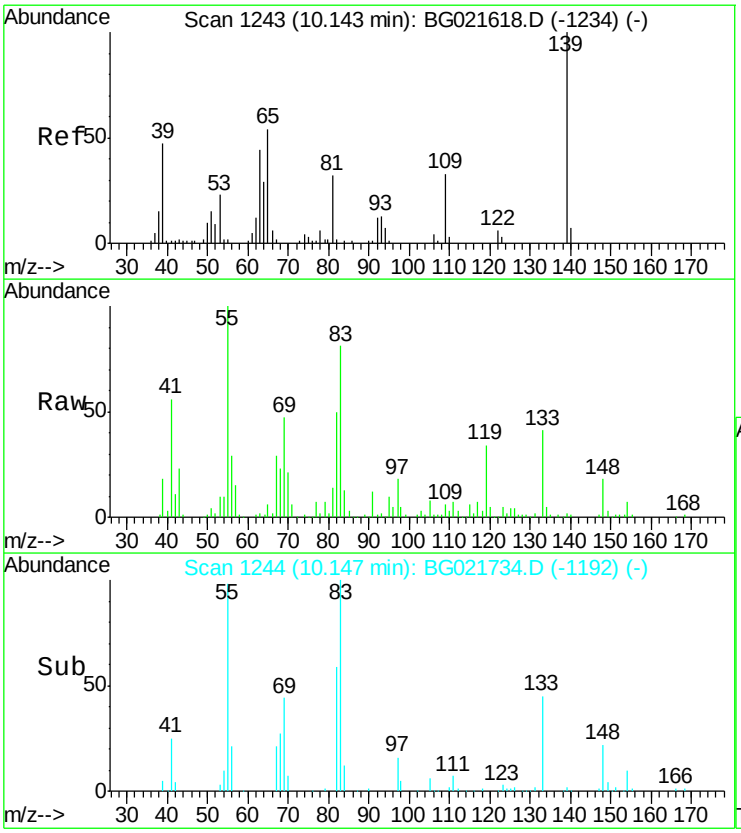
#25
Isophorone
Concen: 9.93 ng
RT: 9.95 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion: 82 Resp: 63530

Ion	Ratio	Lower	Upper
82	100		
95	165.5	6.0	9.0#
138	7.1	13.4	20.0#

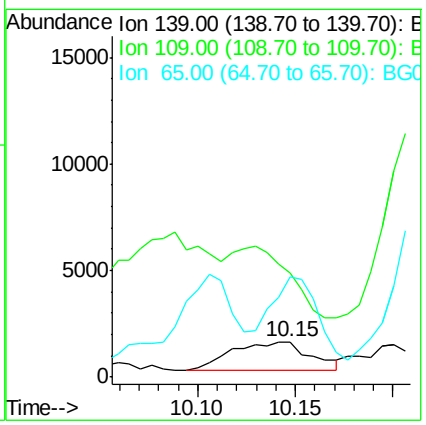


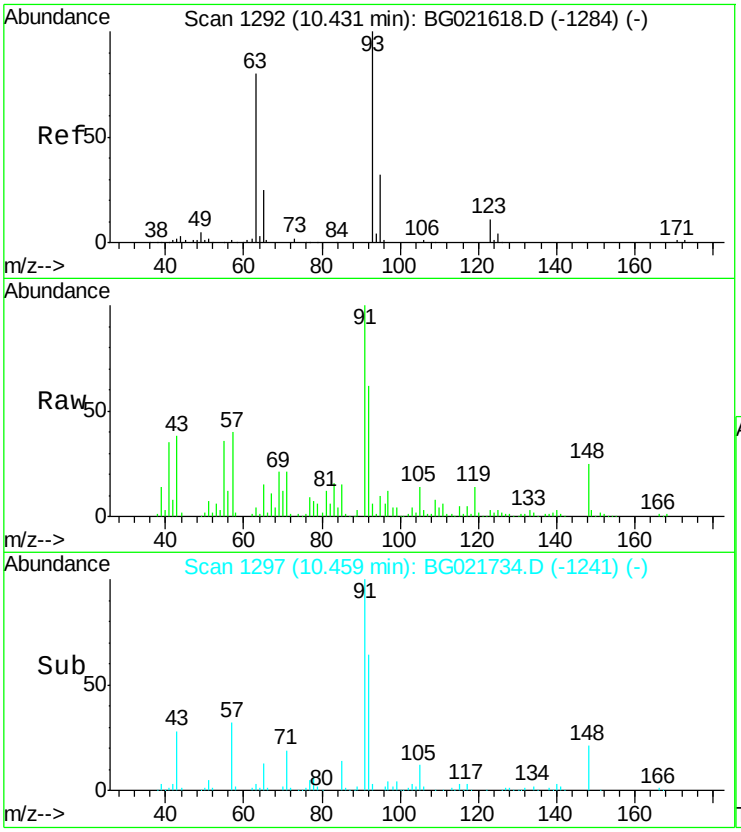


#26
2-Nitrophenol
Concen: 3.14 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:139 Resp: 3753

Ion	Ratio	Lower	Upper
139	100		
109	295.4	26.6	40.0#
65	285.4	45.3	67.9#



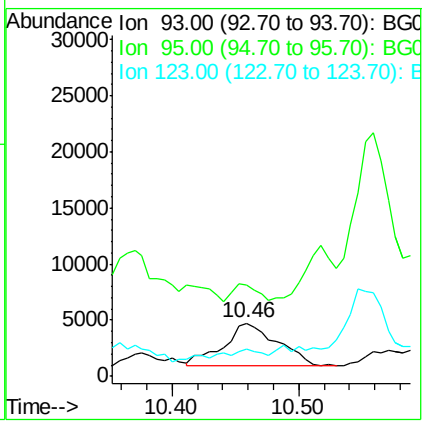


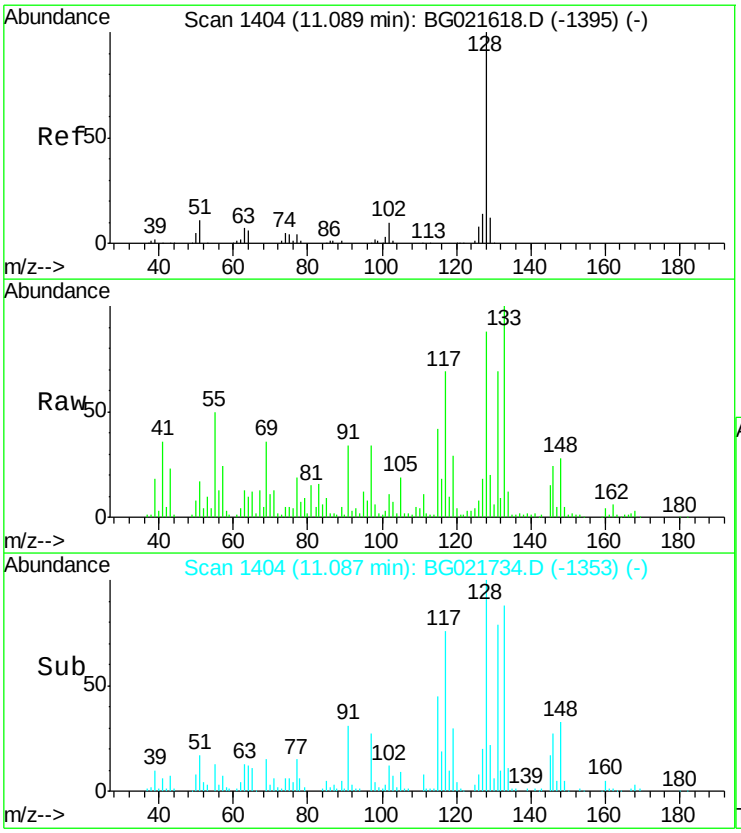
#28
bis(2-Chloroethoxy)methane
Concen: 3.26 ng
RT: 10.46 min Scan# 1297
Delta R.T. 0.03 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion: 93 Resp: 11062

Ion	Ratio	Lower	Upper
93	100		
95	170.4	30.1	45.1#
123	51.3	10.2	15.4#

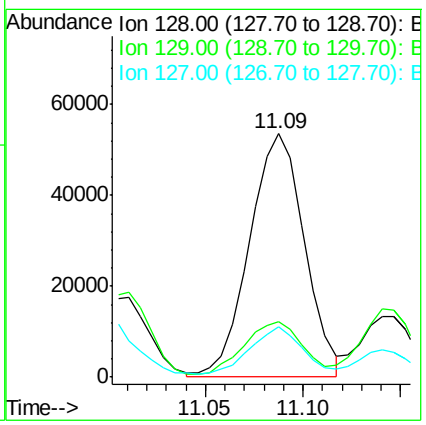


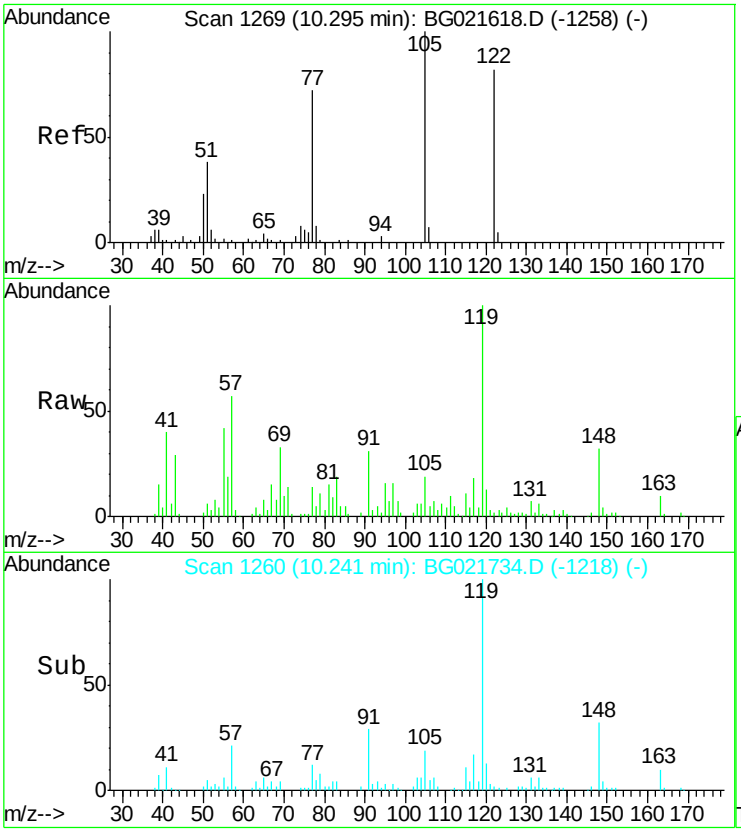


#31
Naphthalene
Concen: 12.92 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:128 Resp: 103810

Ion	Ratio	Lower	Upper
128	100		
129	22.7	7.0	10.6#
127	20.6	10.1	15.1#



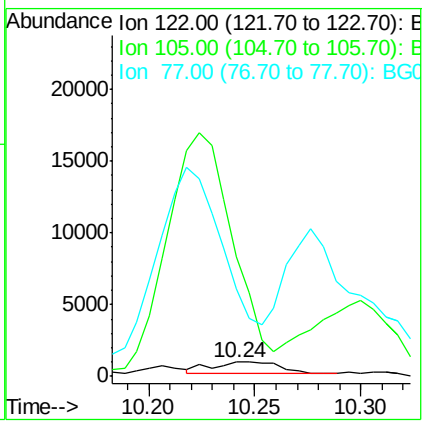


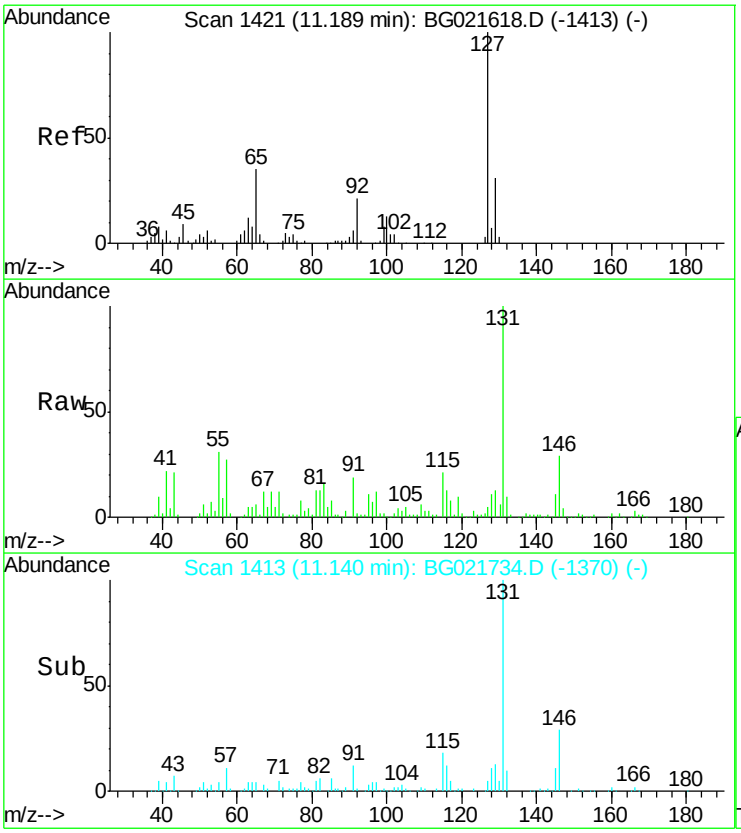
#32
Benzoic acid
Concen: 5.61 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:122 Resp: 1810

Ion	Ratio	Lower	Upper
122	100		
105	859.4	104.5	144.5#
77	624.6	79.9	119.9#

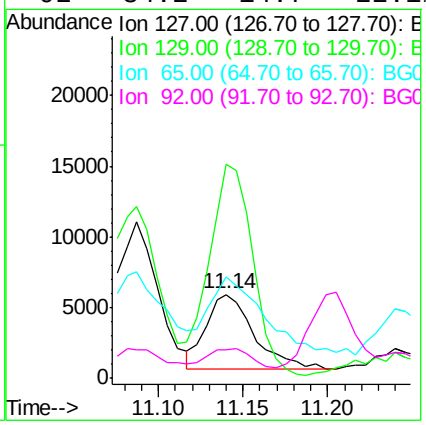


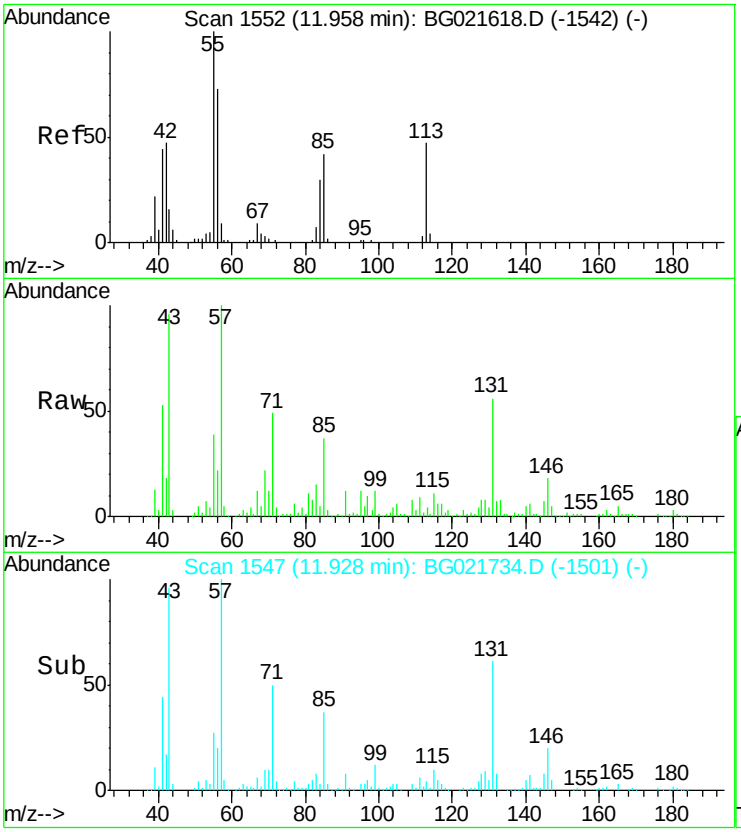


#33
4-Chloroaniline
Concen: 3.02 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.05 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:127 Resp: 10499

Ion	Ratio	Lower	Upper
127	100		
129	255.6	26.6	39.8#
65	121.6	27.5	41.3#
92	34.2	14.7	22.1#



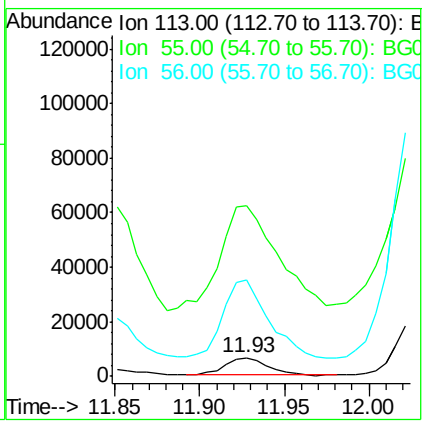


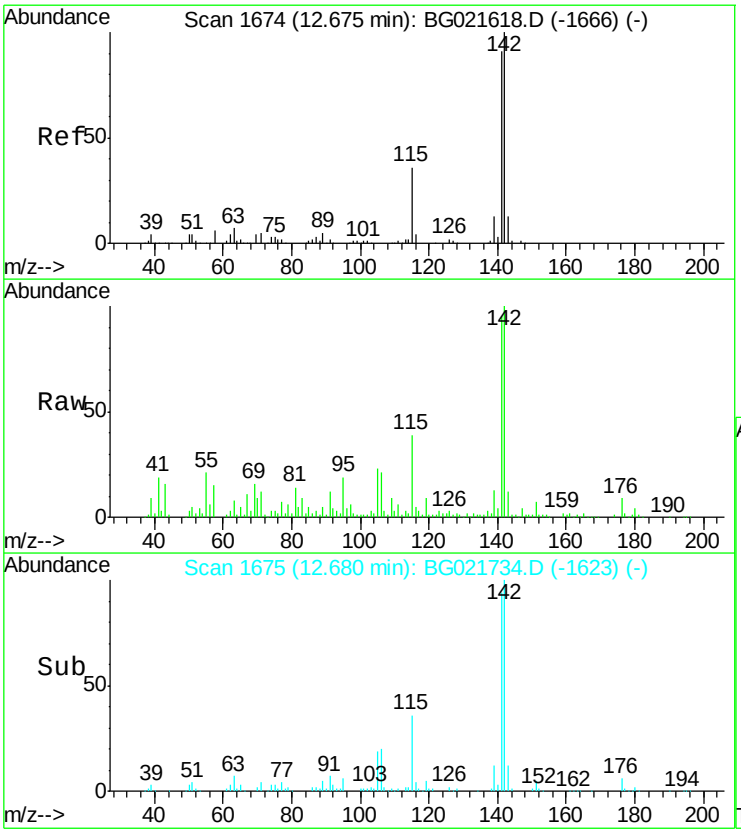
#35
Caprolactam
Concen: 10.10 ng
RT: 11.93 min Scan# 1547
Delta R.T. -0.03 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:113 Resp: 10688

Ion	Ratio	Lower	Upper
113	100		
55	918.2	194.2	234.2#
56	515.7	122.6	162.6#

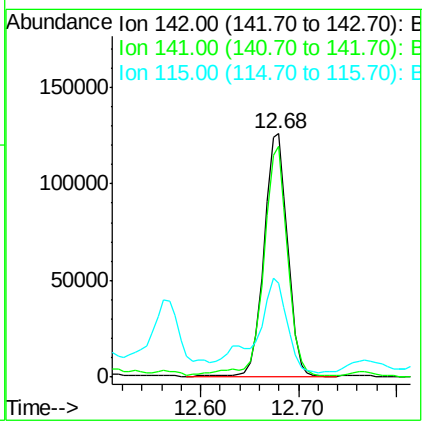


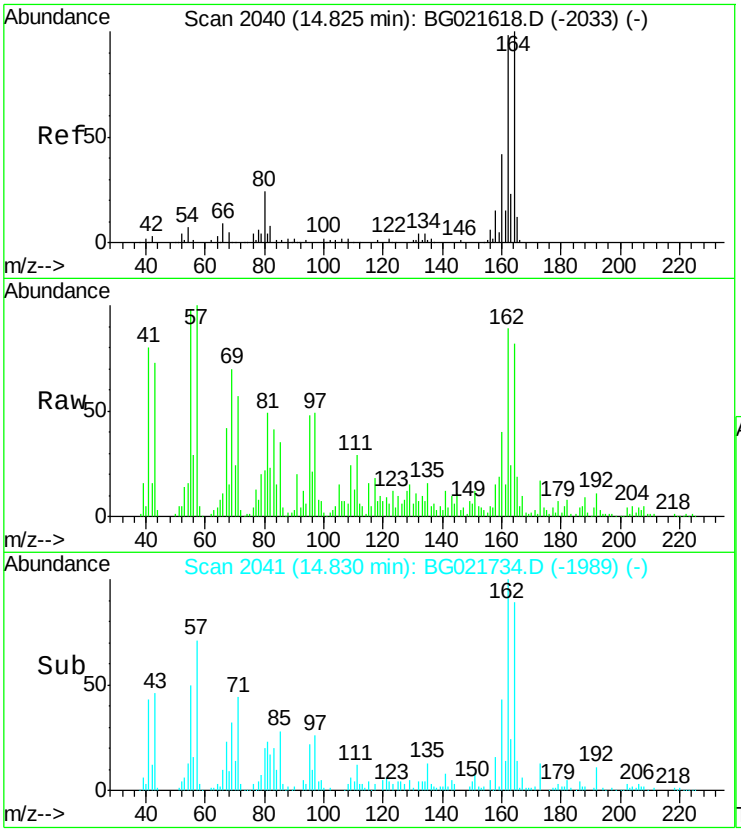


#37
2-Methylnaphthalene
Concen: 38.58 ng
RT: 12.68 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:142 Resp: 212862

Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.4	107.0
115	38.6	27.4	41.2



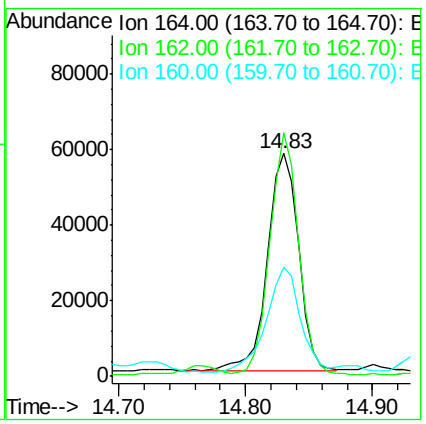


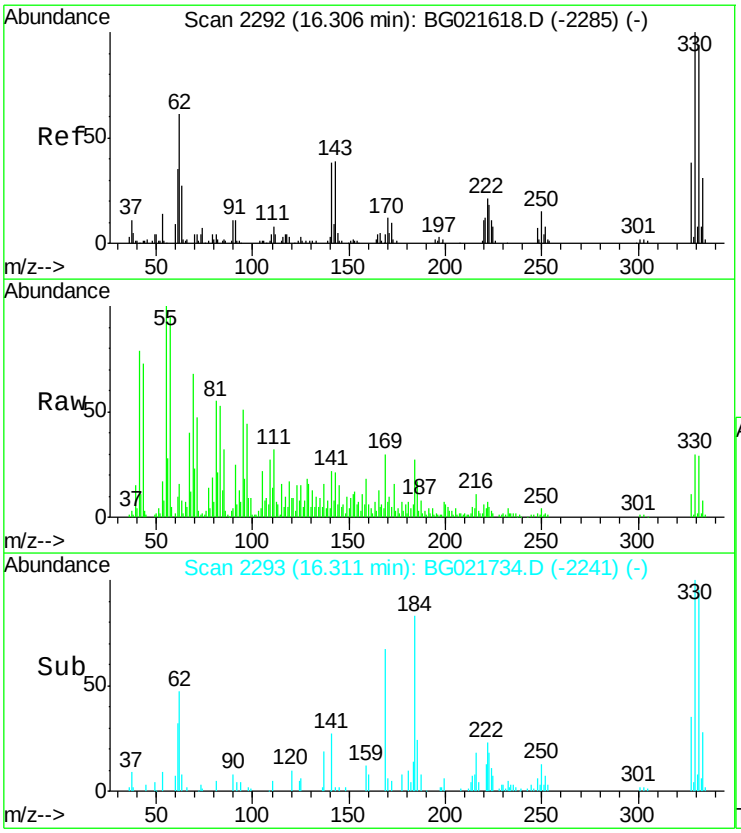
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:164 Resp: 97915

Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.0	117.0
160	49.2	32.9	49.3

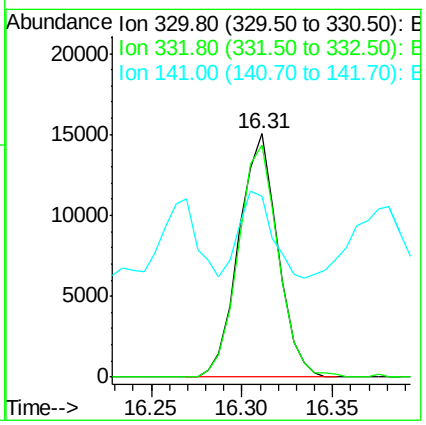


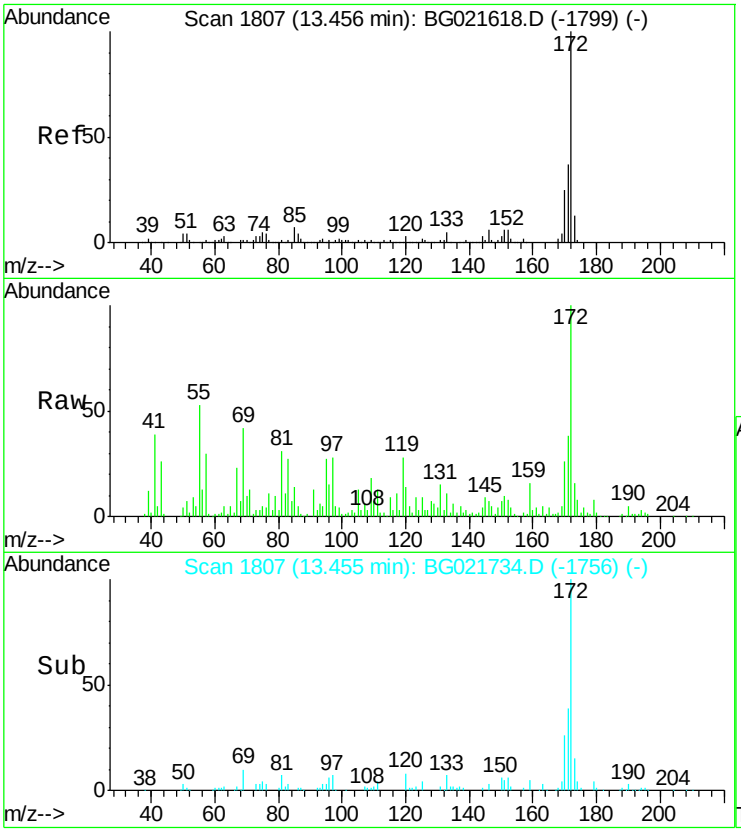


#41
2,4,6-Tribromophenol
Concen: 21.25 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:330 Resp: 22426

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	30.3	33.8	50.8#



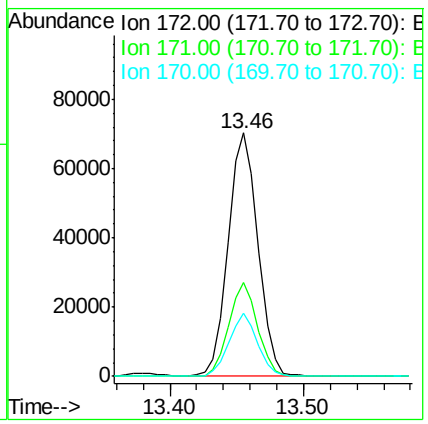


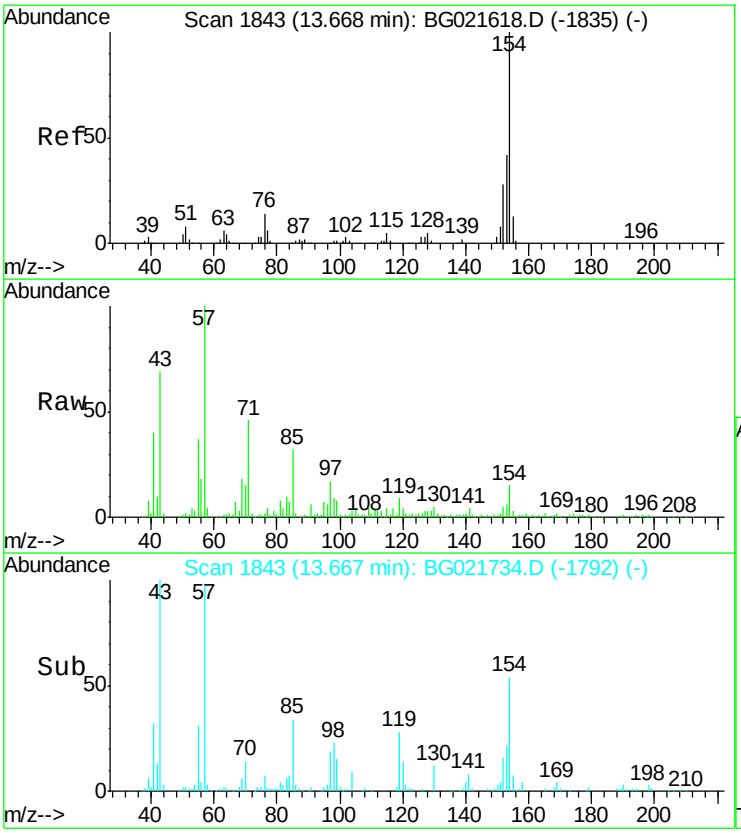
#44
2-Fluorobiphenyl
Concen: 16.41 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:172 Resp: 109658

Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.8	41.6
170	25.7	19.6	29.4

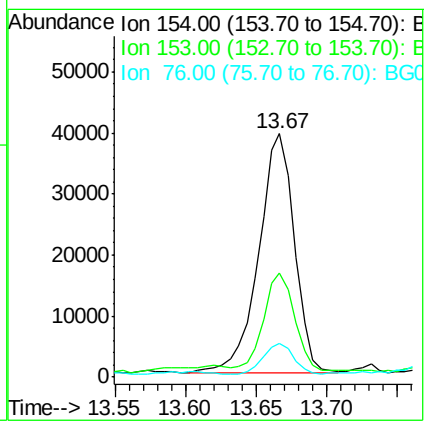


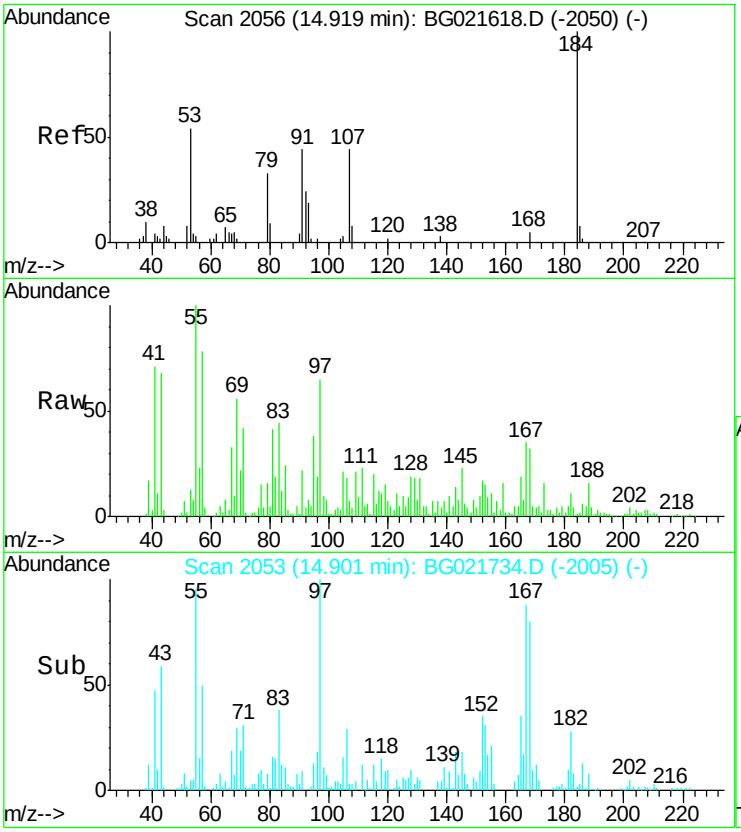


#45
1,1'-Biphenyl
Concen: 8.45 ng
RT: 13.67 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:154 Resp: 69698

Ion	Ratio	Lower	Upper
154	100		
153	42.9	19.7	59.7
76	14.0	0.0	33.0



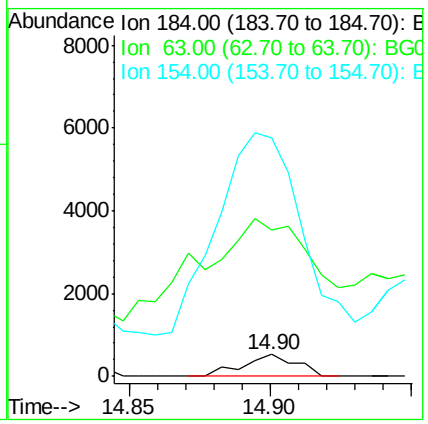


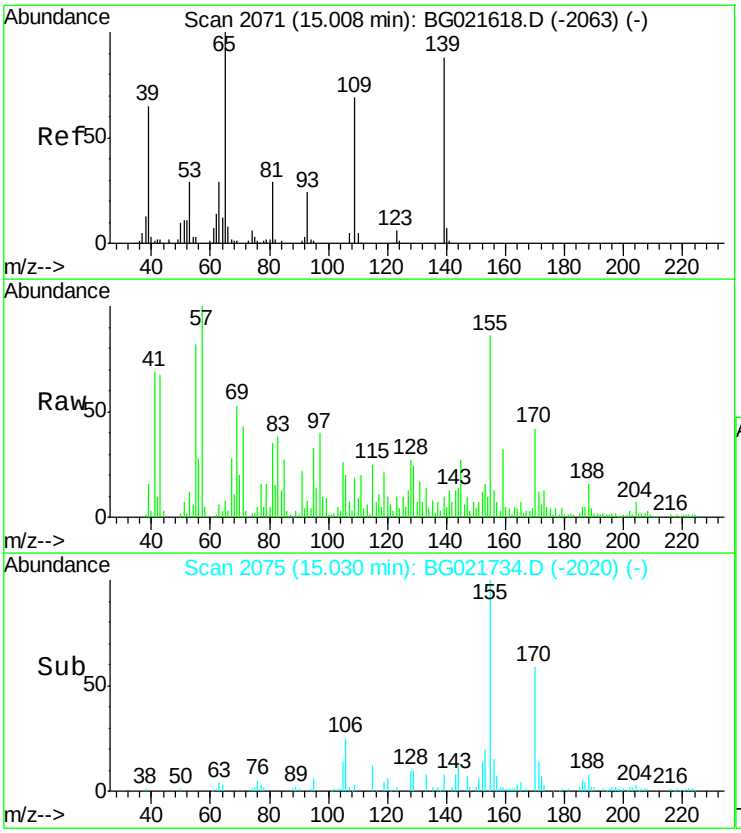
#53
2,4-Dinitrophenol
Concen: 8.45 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:184 Resp: 677

Ion	Ratio	Lower	Upper
184	100		
63	677.1	57.3	85.9#
154	1101.5	55.2	82.8#

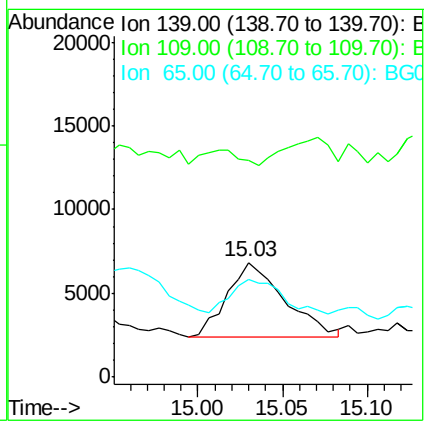


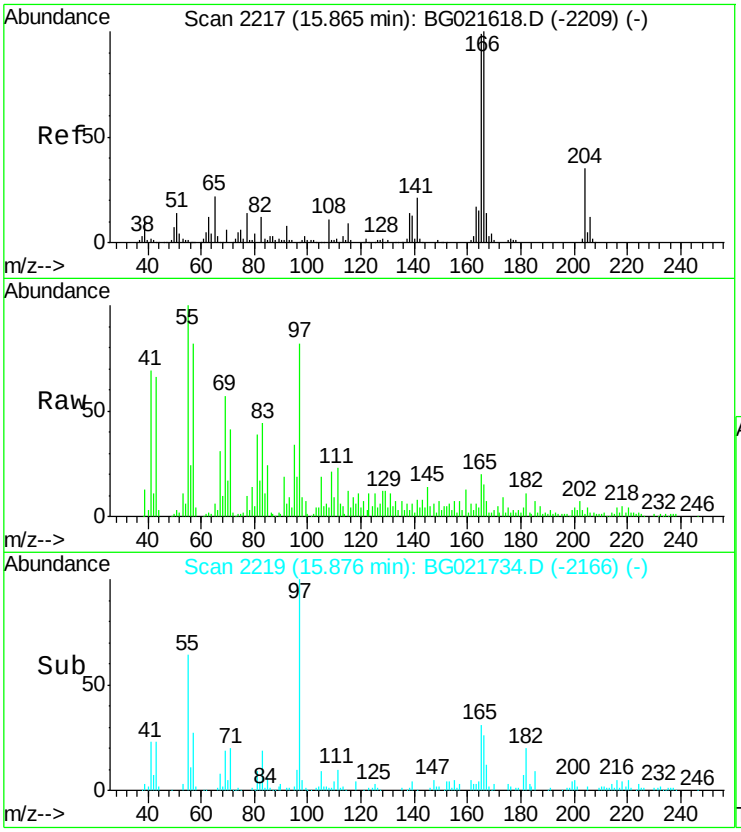


#55
4-Nitrophenol
Concen: 6.87 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:139 Resp: 10526

Ion	Ratio	Lower	Upper
139	100		
109	188.9	49.2	89.2#
65	84.6	83.2	123.2



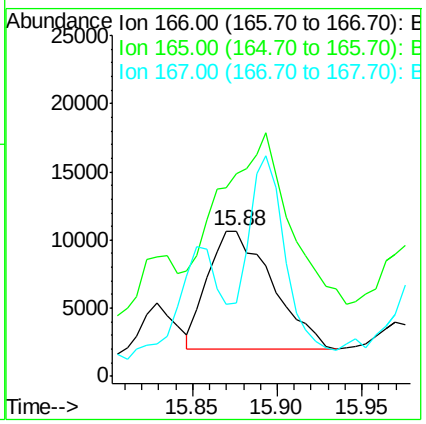


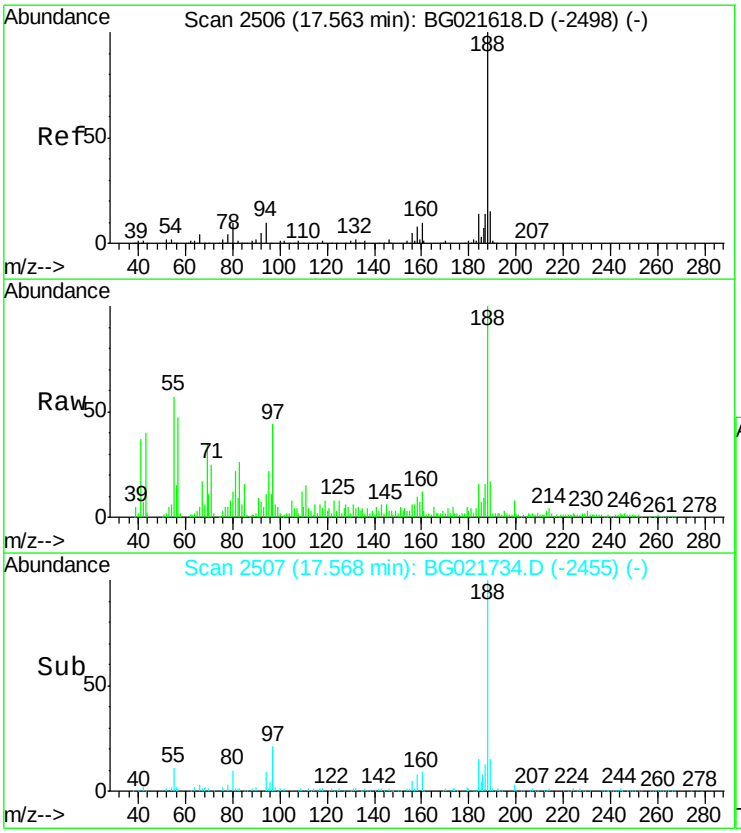
#57
Fluorene
Concen: 2.90 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:166 Resp: 22818

Ion	Ratio	Lower	Upper
166	100		
165	138.7	79.0	118.4#
167	50.5	10.7	16.1#

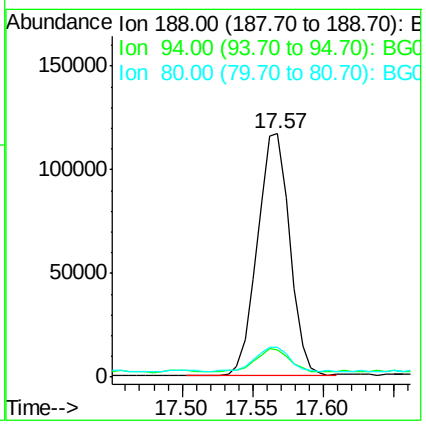


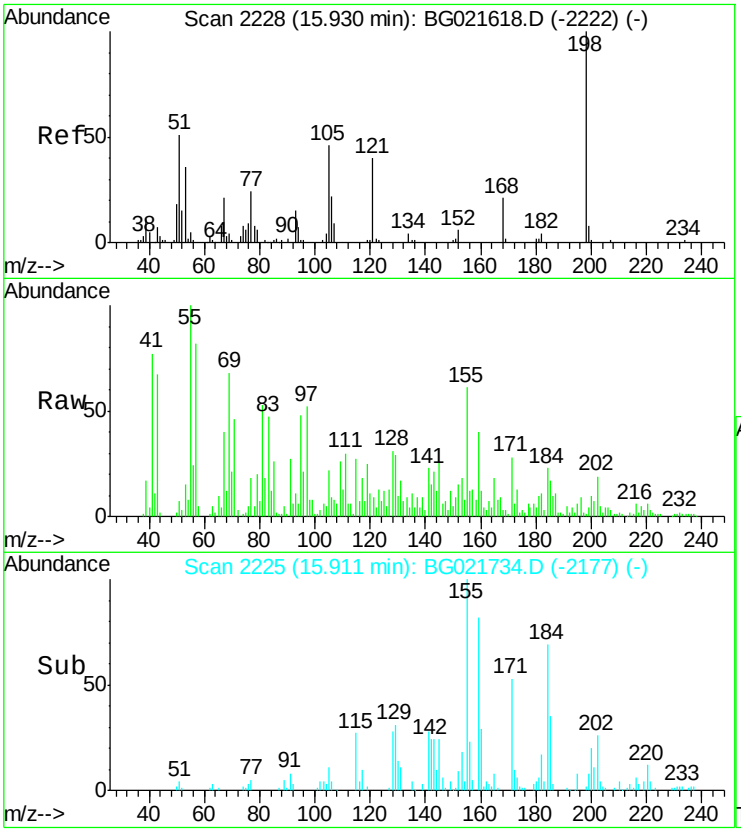


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:188 Resp: 189480

Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.5	11.3#
80	12.2	8.6	13.0



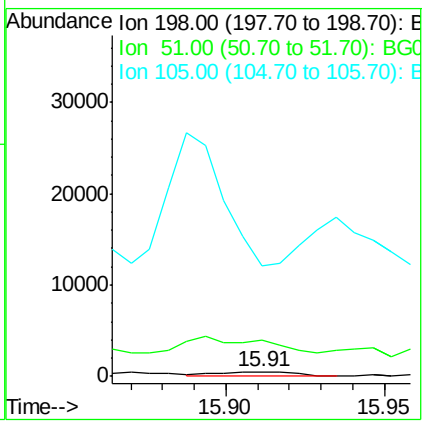


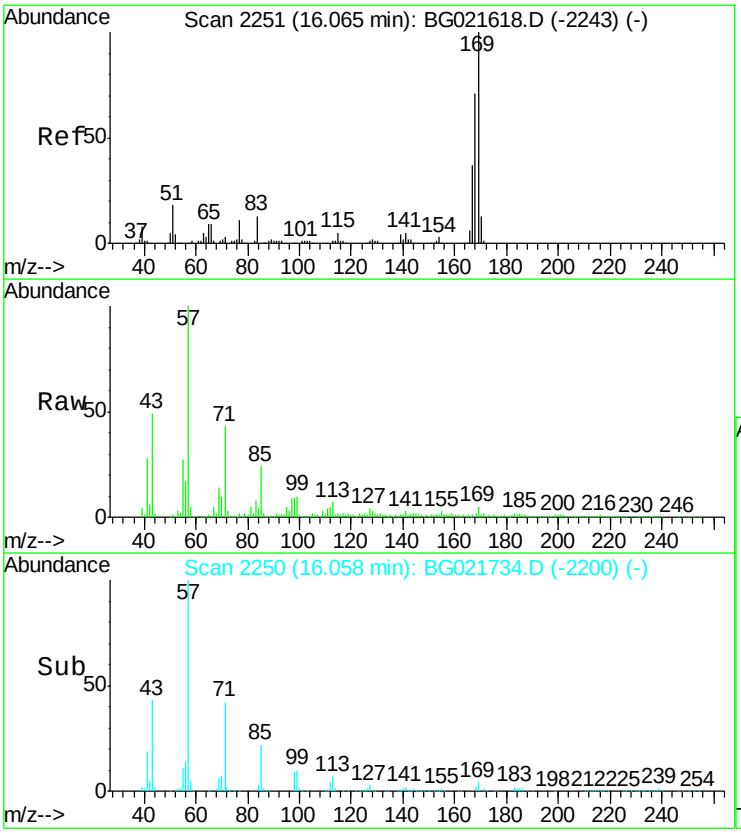
#64
4,6-Dinitro-2-methylphenol
Concen: 6.39 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:198 Resp: 884

Ion	Ratio	Lower	Upper
198	100		
51	747.7	29.2	69.2#
105	2286.2	24.0	64.0#

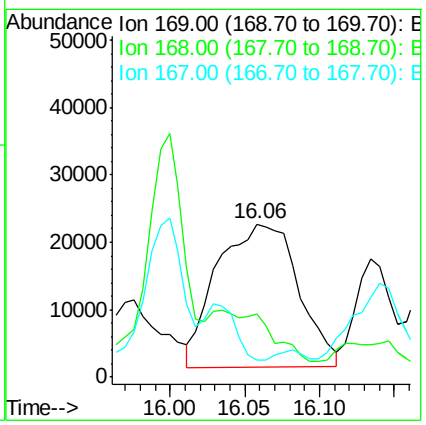


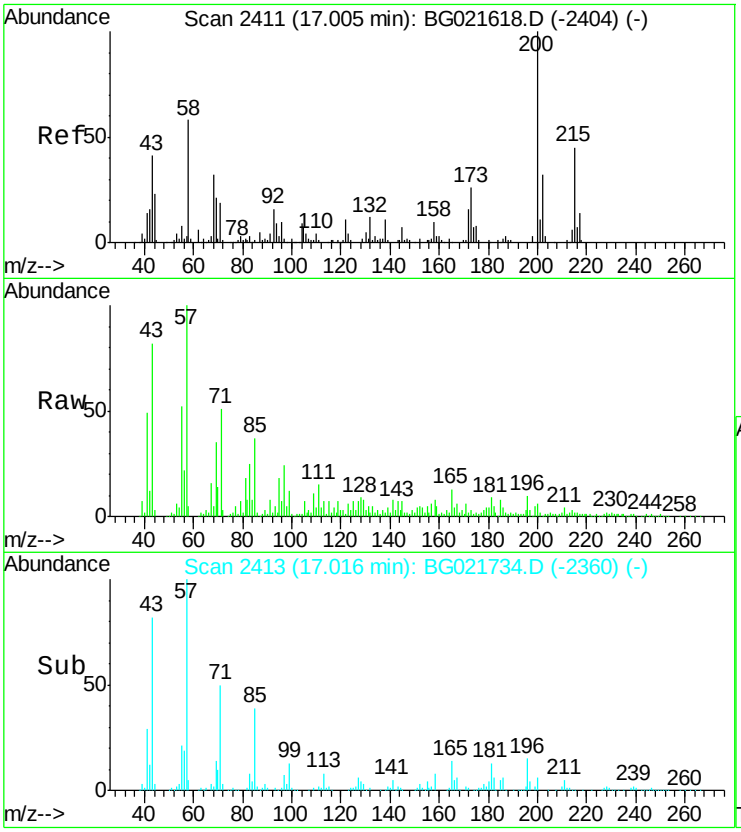


#65
n-Nitrosodiphenylamine
Concen: 14.05 ng
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:169 Resp: 79823

Ion	Ratio	Lower	Upper
169	100		
168	40.9	59.6	89.4#
167	11.0	31.2	46.8#



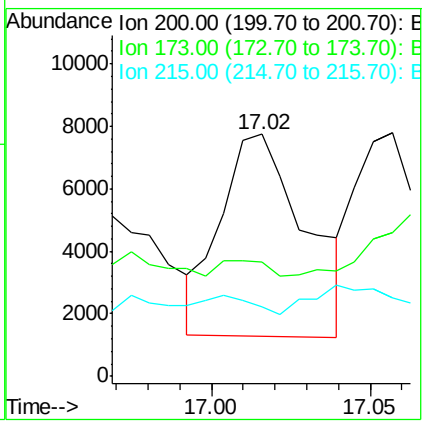


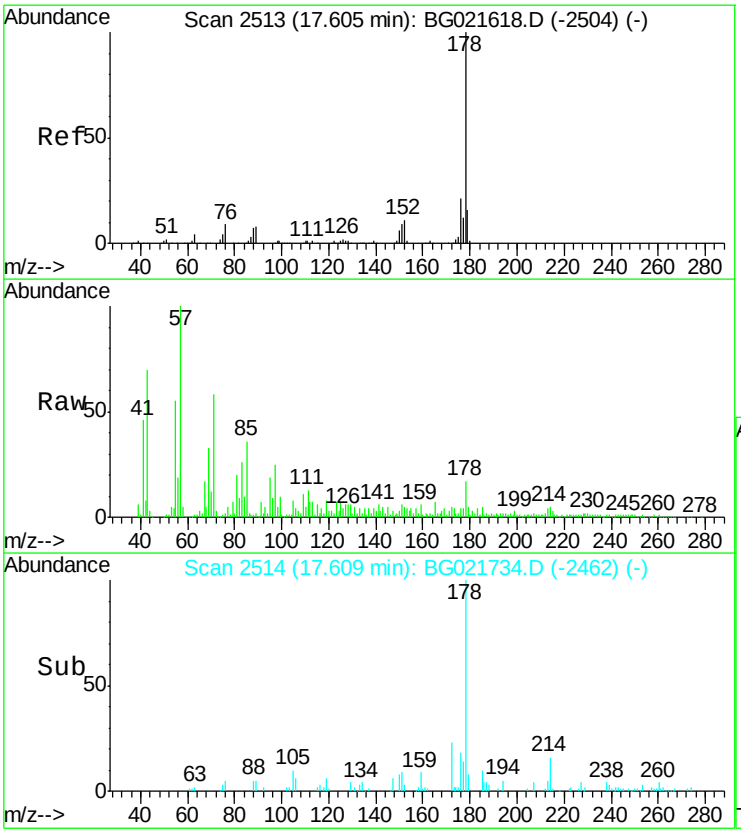
#68
Atrazine
Concen: 5.33 ng
RT: 17.02 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:200 Resp: 11968

Ion	Ratio	Lower	Upper
200	100		
173	47.4	5.1	45.1#
215	29.0	28.0	68.0

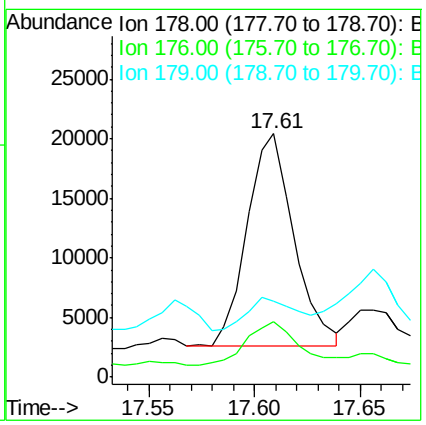


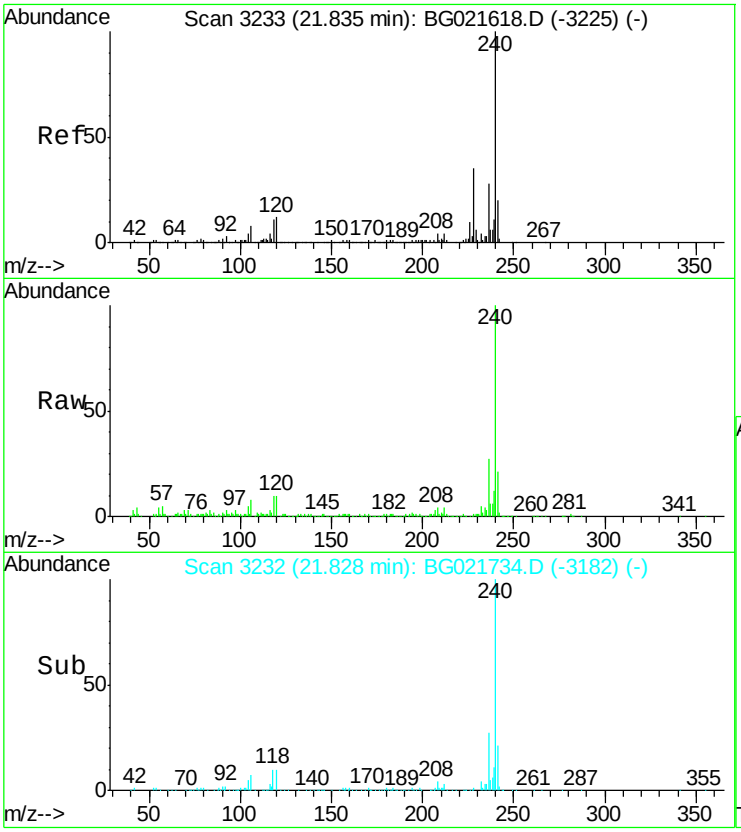


#70
Phenanthrene
Concen: 2.65 ng
RT: 17.61 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:178 Resp: 27672

Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.2	24.4
179	31.3	12.0	18.0#



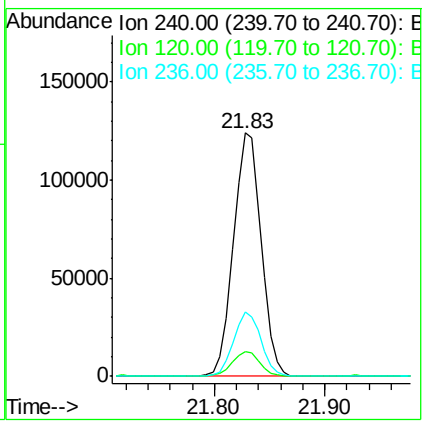


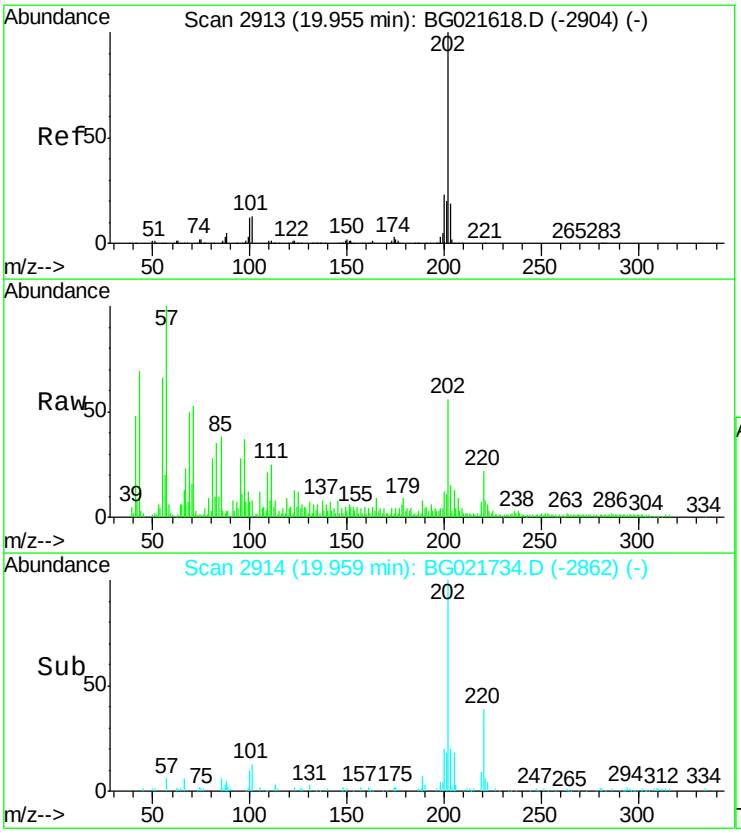
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:240 Resp: 219036

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.6	19.6	29.4

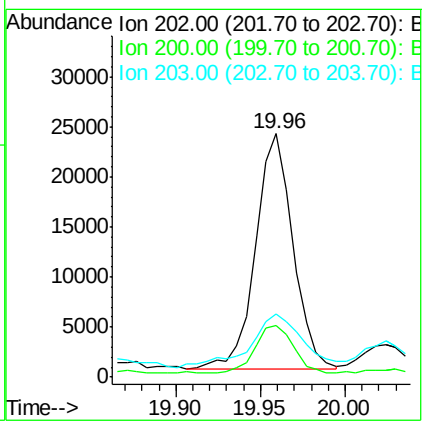


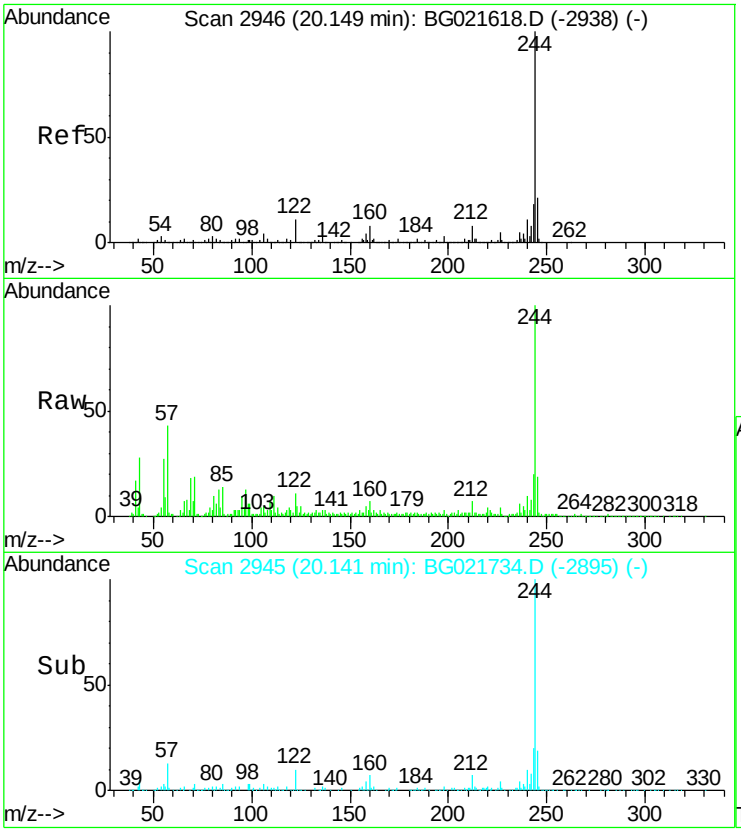


#77
Pyrene
Concen: 2.84 ng
RT: 19.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:202 Resp: 35818

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.2
203	26.0	15.0	22.4#



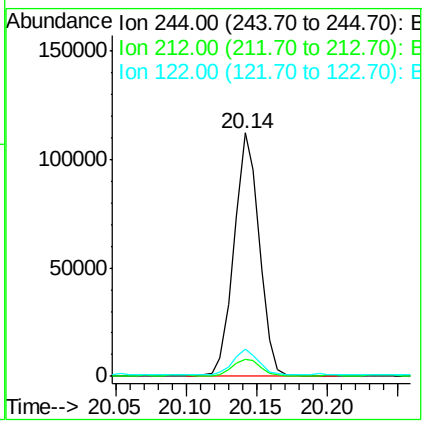


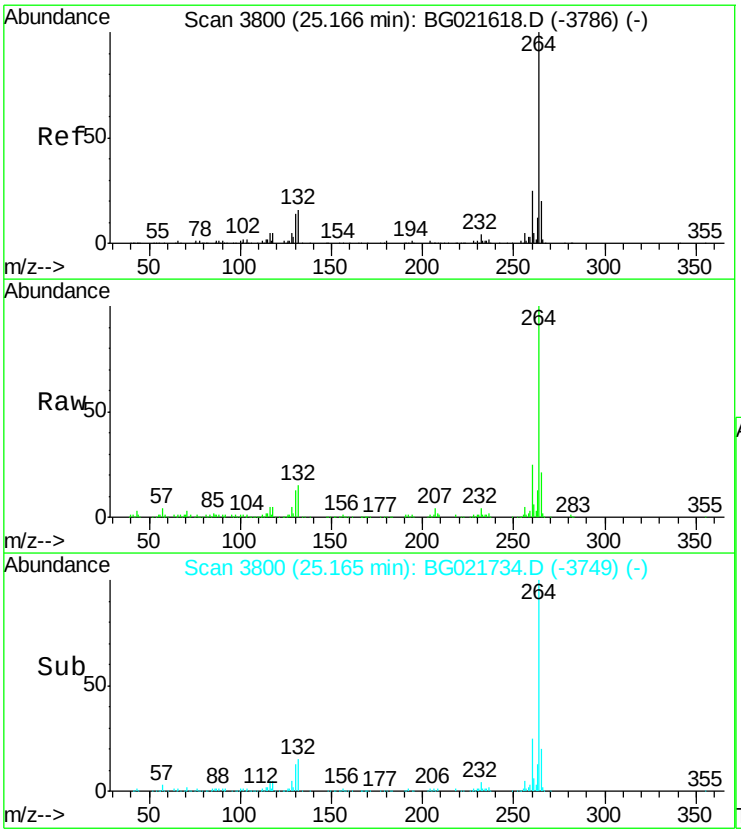
#78
Terphenyl-d14
Concen: 15.85 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tgt Ion:244 Resp: 139117

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	11.2	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion:264 Resp: 217753

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	20.7	17.8	26.8