Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023917.D
Acq On : 26 Aug 2016 7:37
Operator : UM/SJ
Sample : H4592-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Time: Aug 26 08:11:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	129253	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	543834	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	364327	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	805843	20.00	ng		0.00
75) Chrysene-d12	21.85	240	855307	20.00	ng		0.00
86) Perylene-d12	25.23	264	866451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	121412	15.81	ng		0.00
7) Phenol-d6	7.26	99	132538	11.08	ng		0.00
23) Nitrobenzene-d5	9.28	82	389996	35.65	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	184238	34.57	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	801866	37.12	ng		0.00
78) Terphenyl-d14	20.13	244	1130028	28.66	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.22	77	129001	15.84	ng	#	1
10) Phenol	7.29	94	25881	2.02	ng	#	1
18) Hexachloroethane	9.21	117	308917	79.38	ng	#	1
19) n-Nitroso-di-n-propylamine	8.84	70	47720	4.64	ng	#	43
20) 3+4-Methylphenols	8.88	107	28917	2.39	ng	#	1
22) Acetophenone	8.90	105	729204	48.97	ng	#	54
24) Nitrobenzene	9.29	77	59784	4.94	ng	#	18
25) Isophorone	9.83	82	81083	3.56	ng	#	1
31) Naphthalene	10.98	128	1354634	48.92	ng	#	95
32) Benzoic acid	10.30	122	998	6.55	ng	#	1
35) Caprolactam	11.83	113	23593	6.41	ng	#	1
37) 2-Methylnaphthalene	12.59	142	865578	41.11	ng		96
49) Dimethylphthalate	14.21	163	633717	22.67	ng	#	95
55) 4-Nitrophenol	14.96	139	13080	2.23	ng	#	72
73) Di-n-butylphthalate	18.48	149	4556	Below Cal		#	80
74) Fluoranthene	19.59	202	35431	Below Cal			92
77) Pyrene	19.95	202	41578	Below Cal			92
83) Bis(2-ethylhexyl)phthalate	21.70	149	141658	5.02	ng	#	89

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

Quantitation Report (Not Reviewed)

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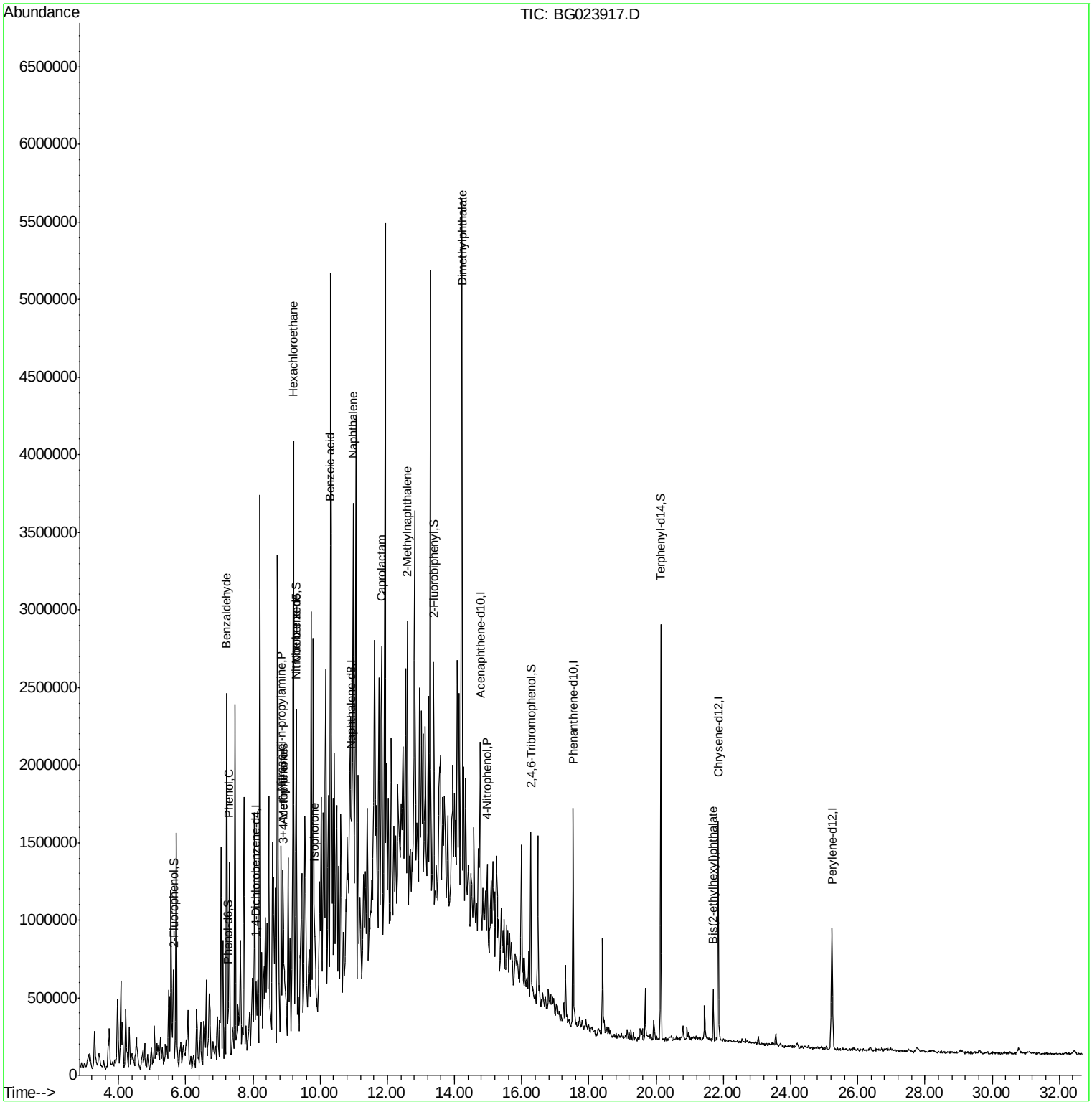
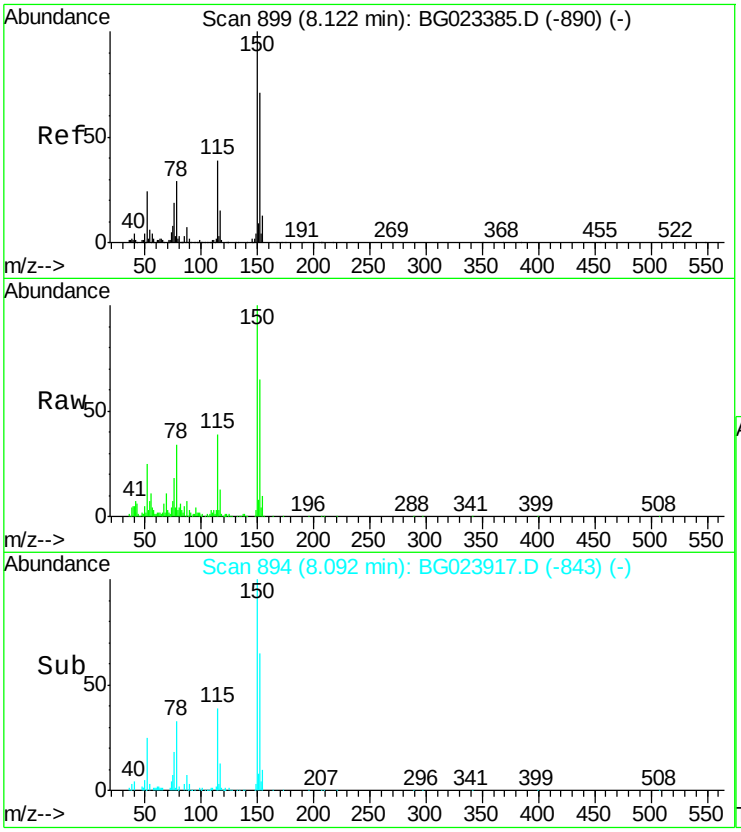


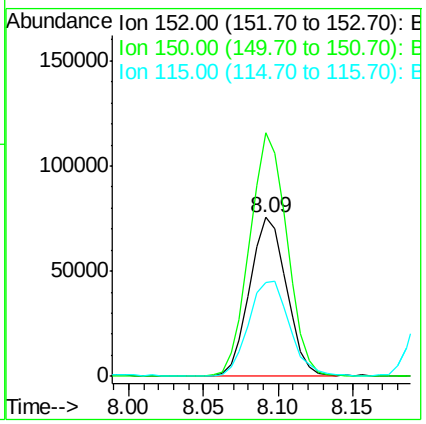


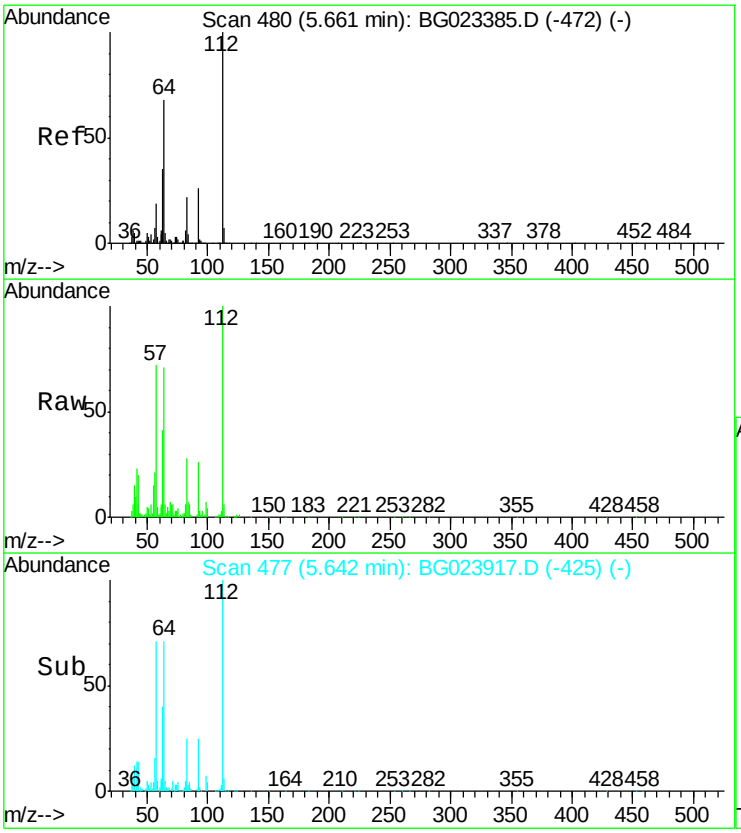
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 129253

Ion	Ratio	Lower	Upper
152	100		
150	153.5	144.7	217.1
115	59.3	64.0	96.0#

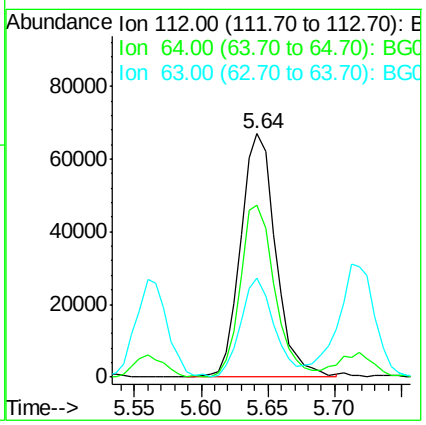


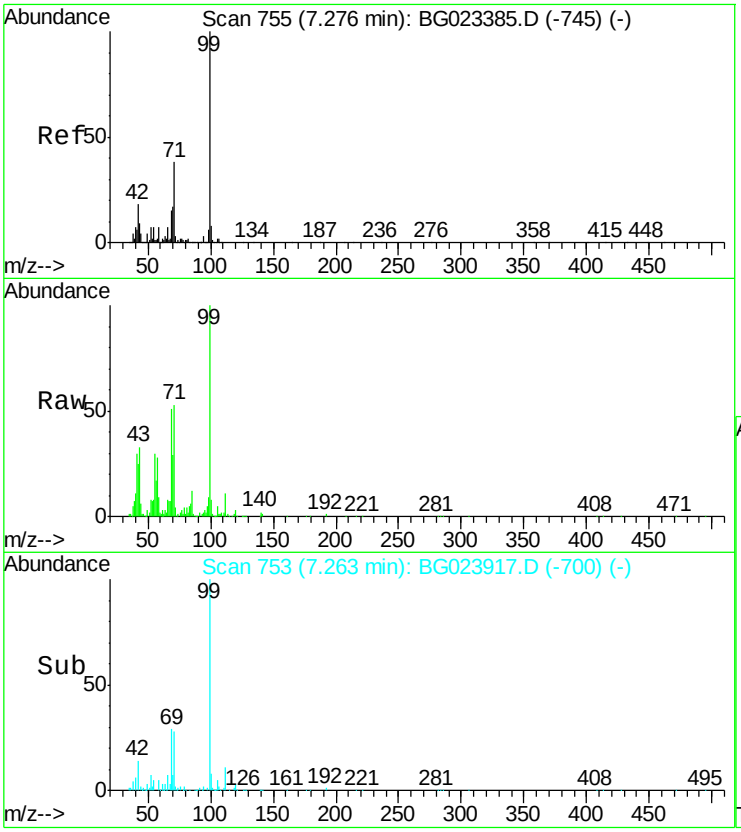


#5
2-Fluorophenol
Concen: 15.81 ng
RT: 5.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:112 Resp: 121412

Ion	Ratio	Lower	Upper
112	100		
64	70.6	59.0	88.4
63	40.9	37.8	56.8



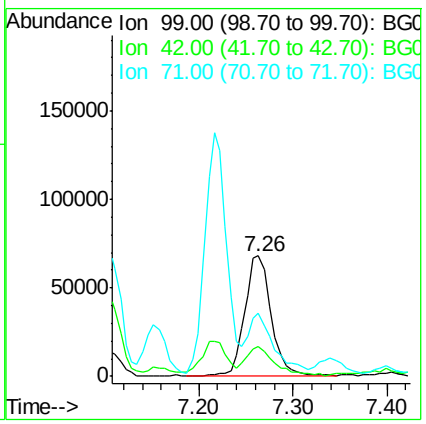


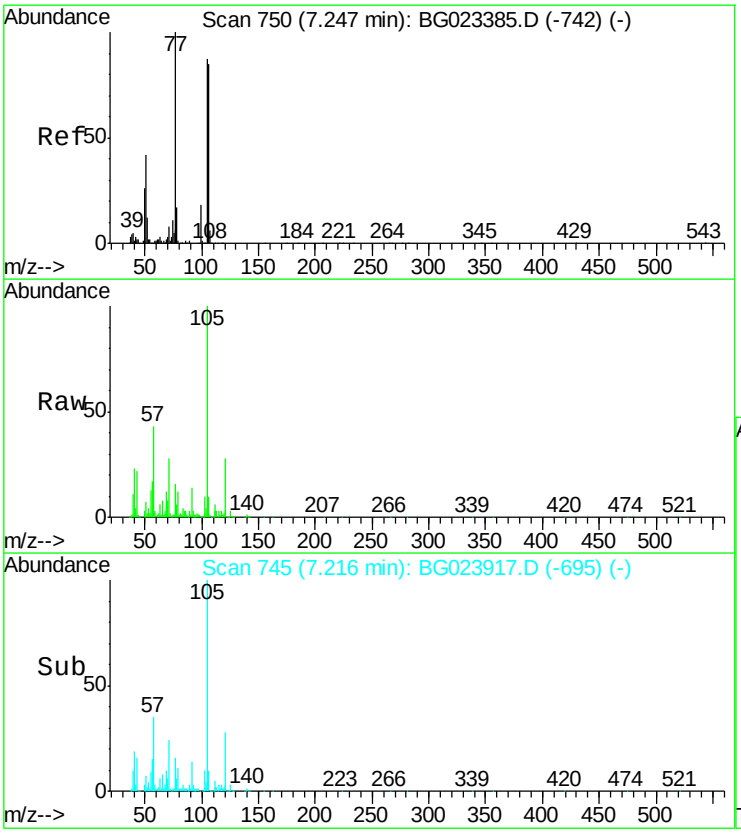
#7
Phenol-d6
Concen: 11.08 ng
RT: 7.26 min Scan# 753
Delta R.T. 0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 132538

Ion	Ratio	Lower	Upper
99	100		
42	25.2	17.8	26.6
71	53.0	41.5	62.3

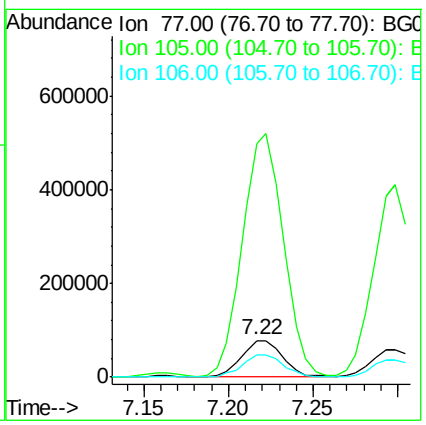


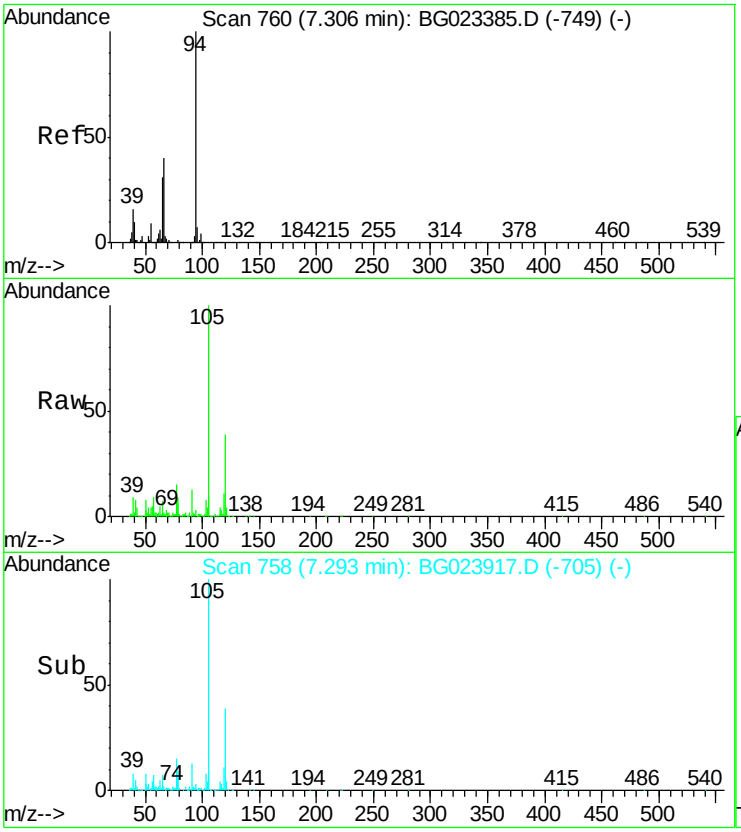


#9
Benzaldehyde
Concen: 15.84 ng
RT: 7.22 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion: 77 Resp: 129001

Ion	Ratio	Lower	Upper
77	100		
105	635.4	58.7	98.7#
106	61.9	67.5	107.5#



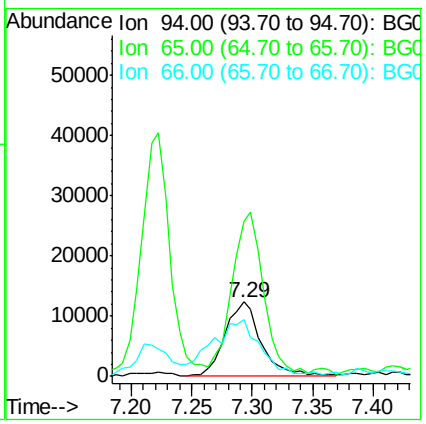


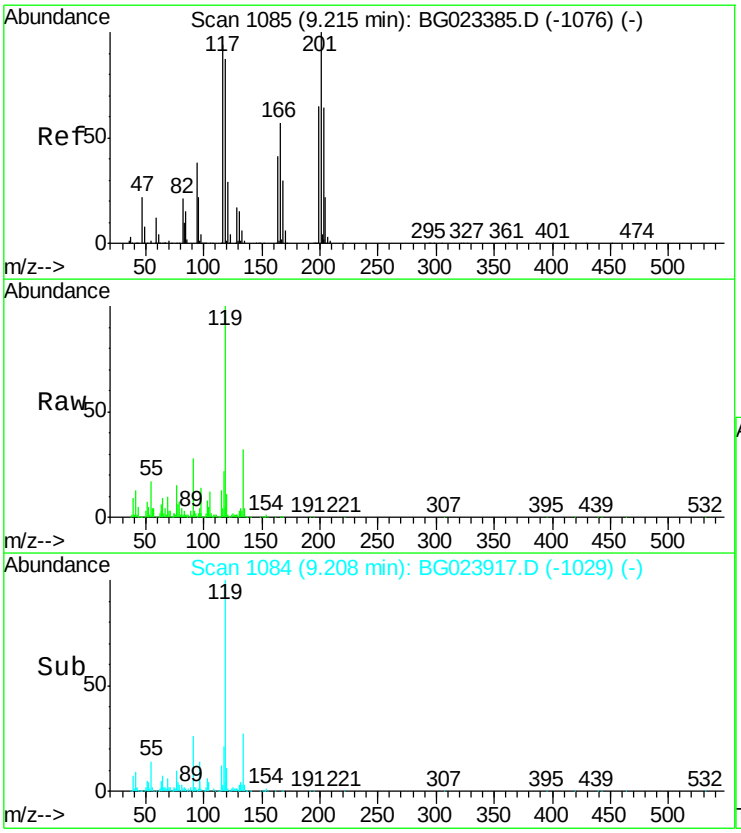
#10
Phenol
Concen: 2.02 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 94 Resp: 25881

Ion	Ratio	Lower	Upper
94	100		
65	209.1	18.1	58.1#
66	76.0	42.1	82.1

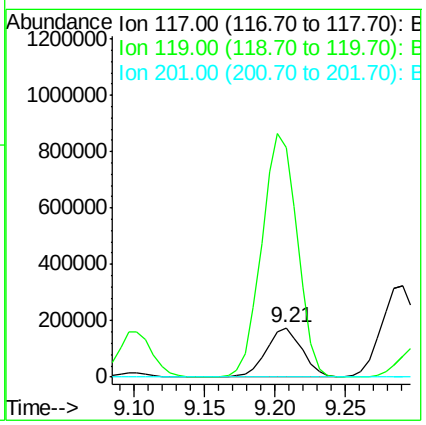


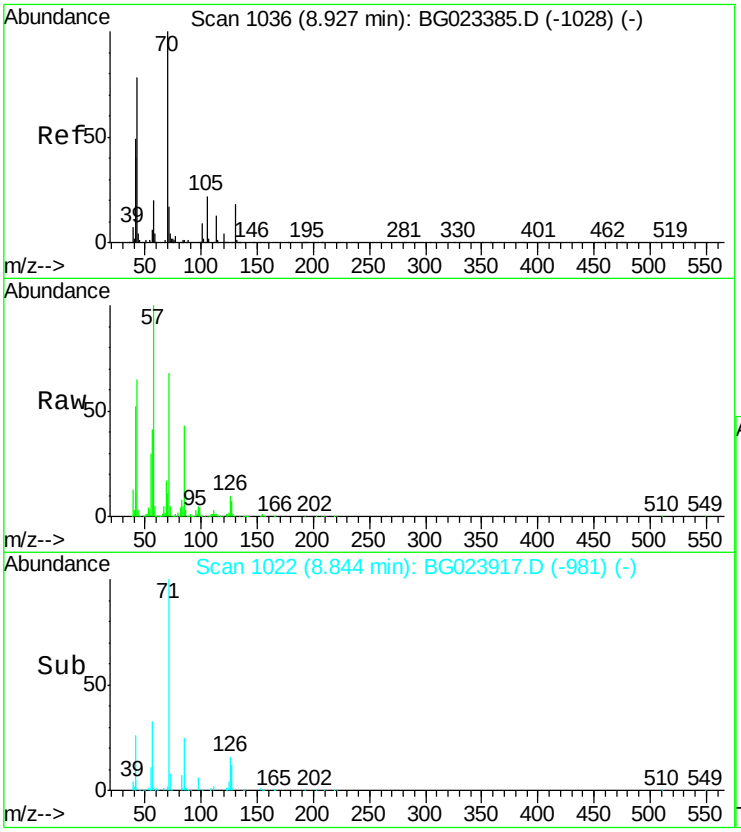


#18
Hexachloroethane
Concen: 79.38 ng
RT: 9.21 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:117 Resp: 308917

Ion	Ratio	Lower	Upper
117	100		
119	464.0	73.7	110.5#
201	0.0	88.7	133.1#



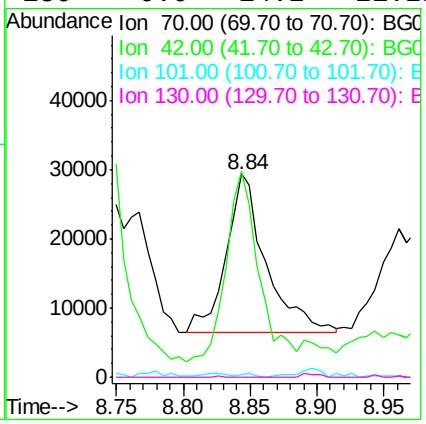


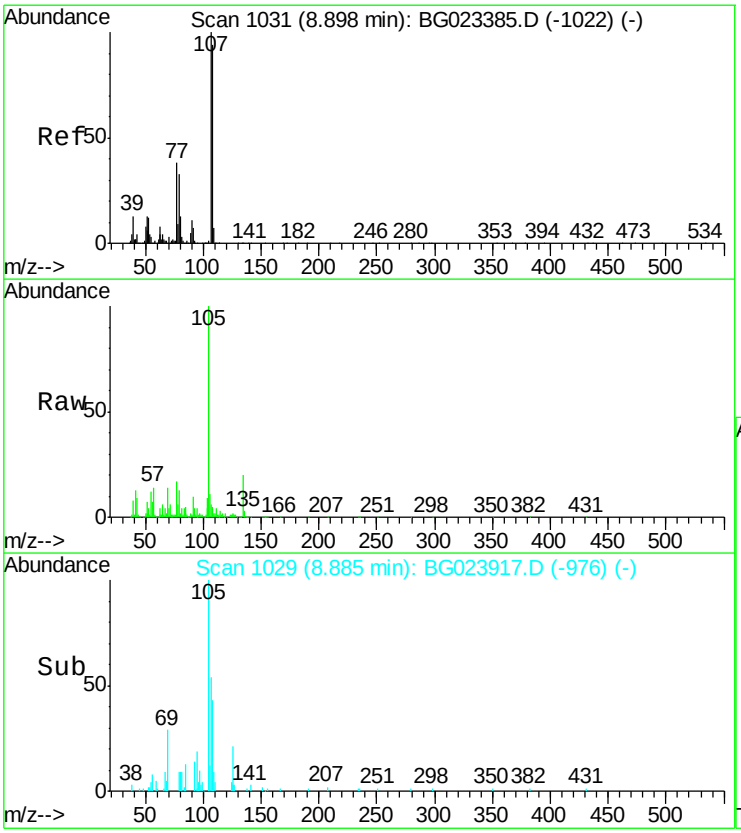
#19
n-Nitroso-di-n-propylamine
Concen: 4.64 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 70 Resp: 47720

Ion	Ratio	Lower	Upper
70	100		
42	101.3	42.1	63.1#
101	1.5	7.2	10.8#
130	0.0	14.2	21.2#

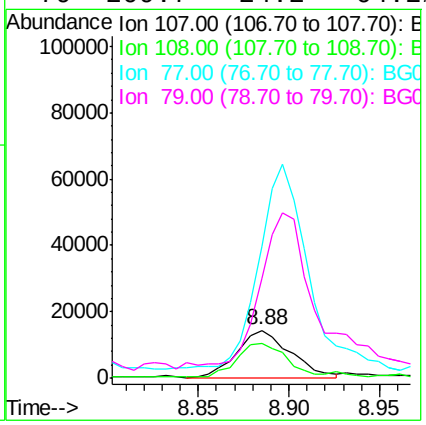


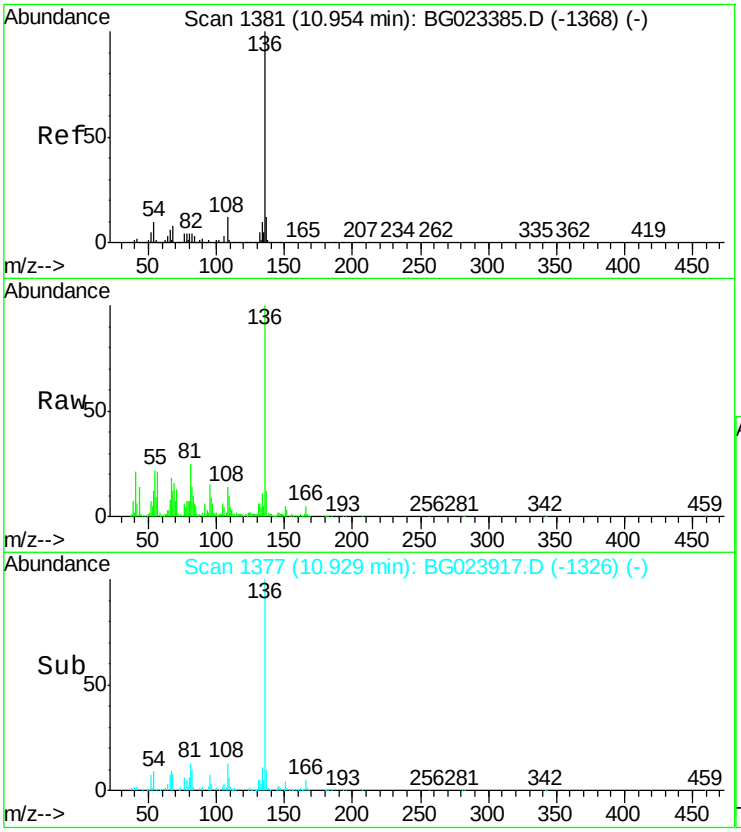


#20
3+4-Methylphenols
Concen: 2.39 ng
RT: 8.88 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:107 Resp: 28917

Ion	Ratio	Lower	Upper
107	100		
108	74.1	72.5	112.5
77	279.3	30.1	70.1#
79	209.7	24.2	64.2#



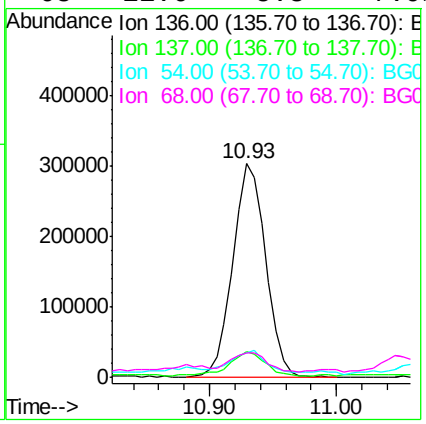


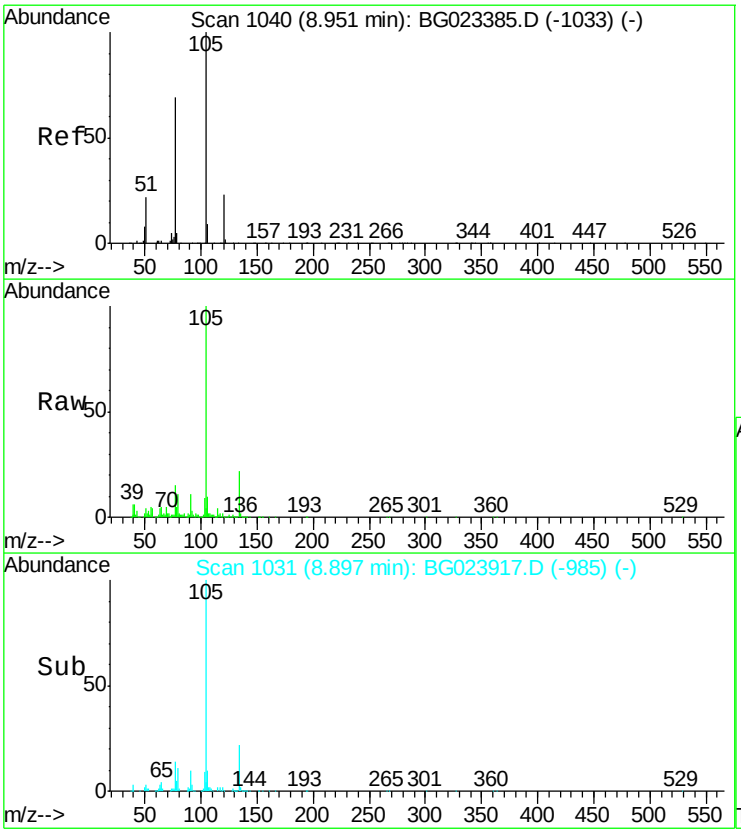
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 543834

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	11.7	7.3	10.9#
68	11.6	5.3	7.9#

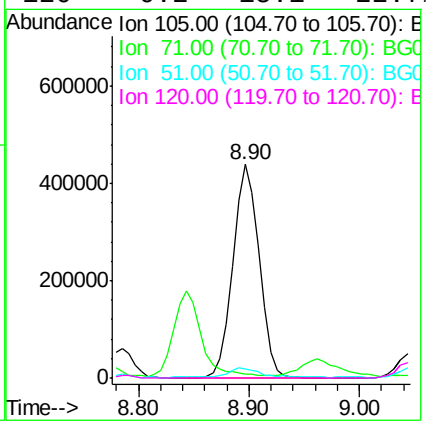


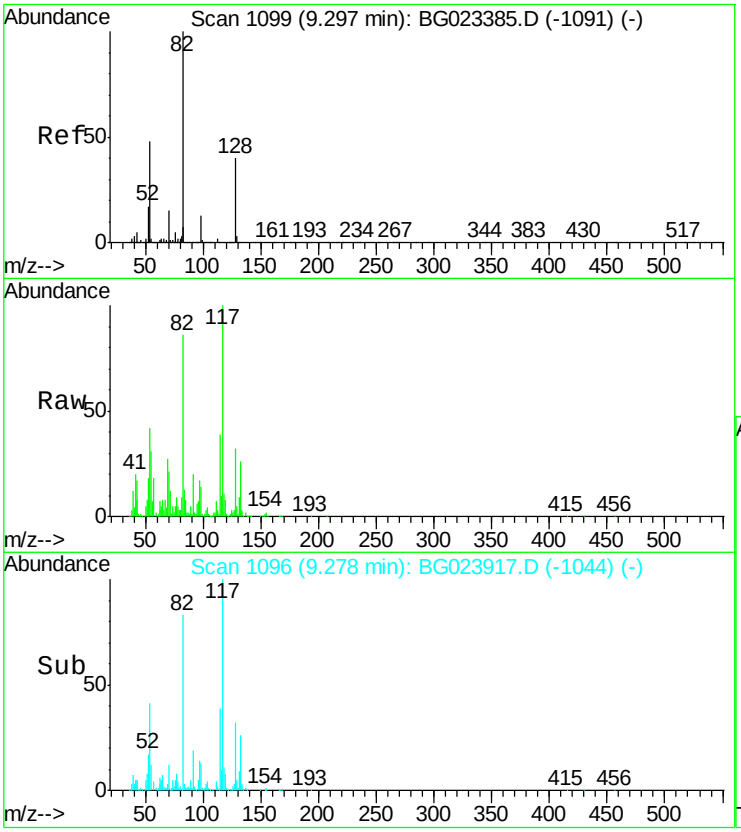


#22
Acetophenone
Concen: 48.97 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:105 Resp: 729204

Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	4.1	27.1	40.7#
120	0.2	15.1	22.7#



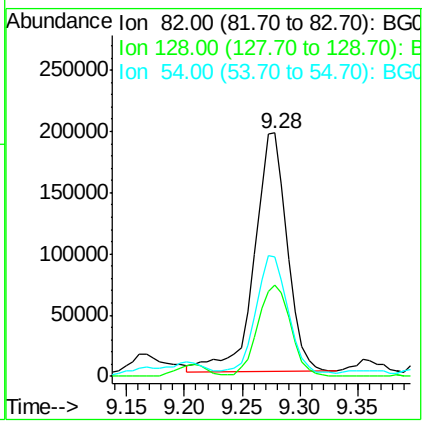


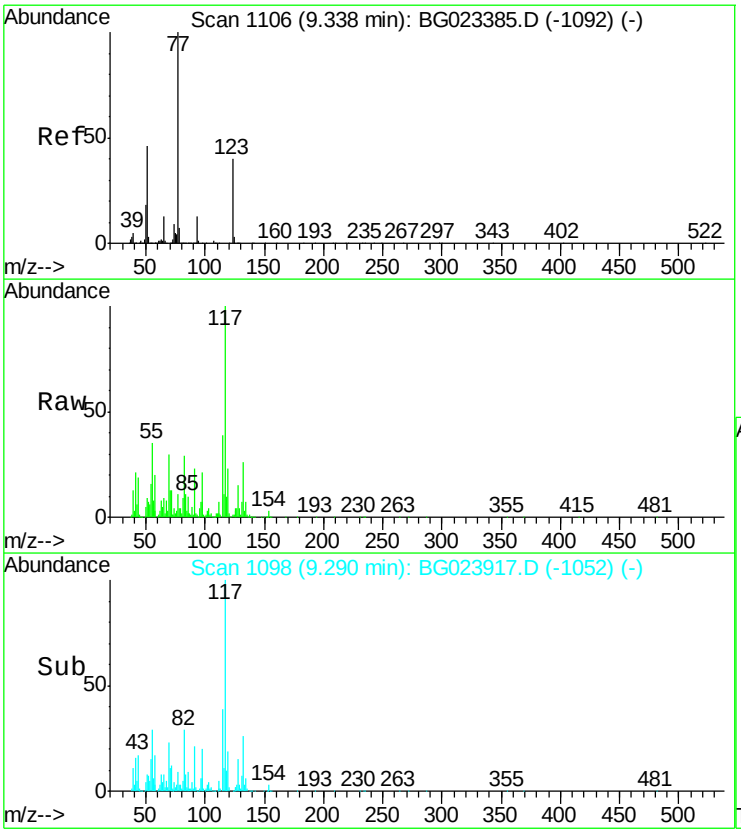
#23
Nitrobenzene-d5
Concen: 35.65 ng
RT: 9.28 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 389996

Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	48.9	41.4	62.0

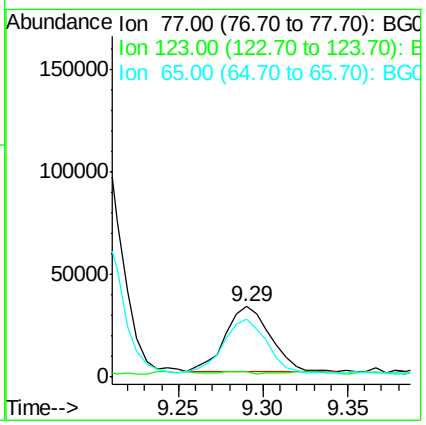


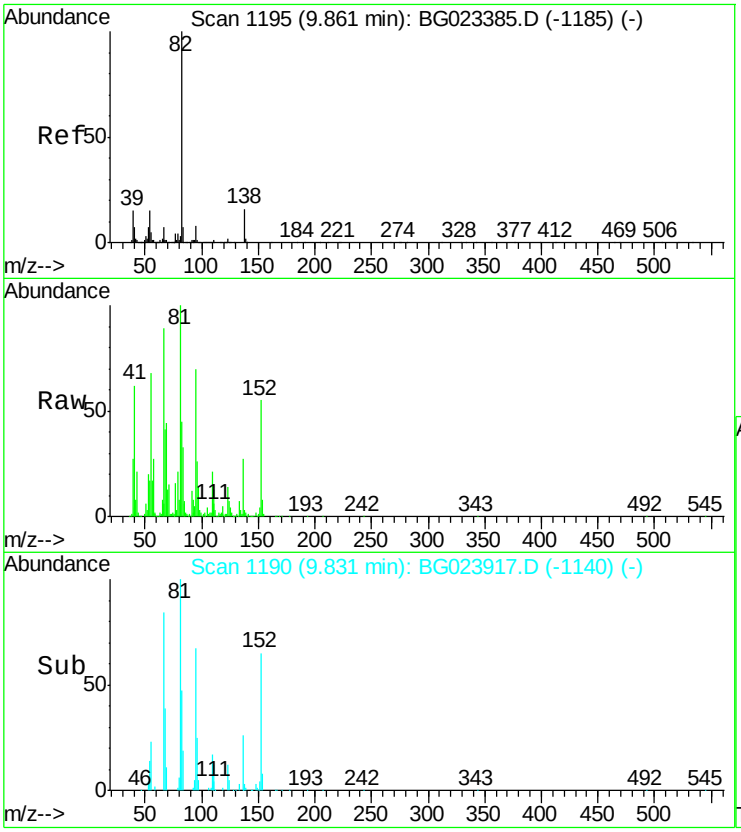


#24
Nitrobenzene
Concen: 4.94 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion: 77 Resp: 59784

Ion	Ratio	Lower	Upper
77	100		
123	7.5	25.0	37.6#
65	83.1	13.4	20.0#



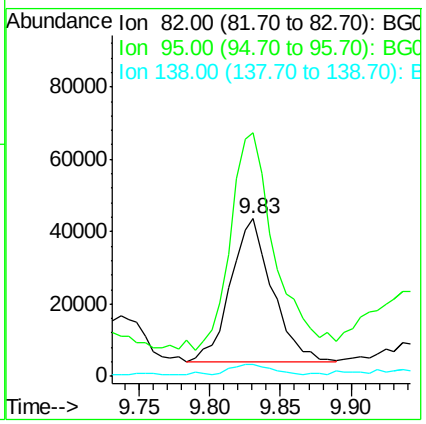


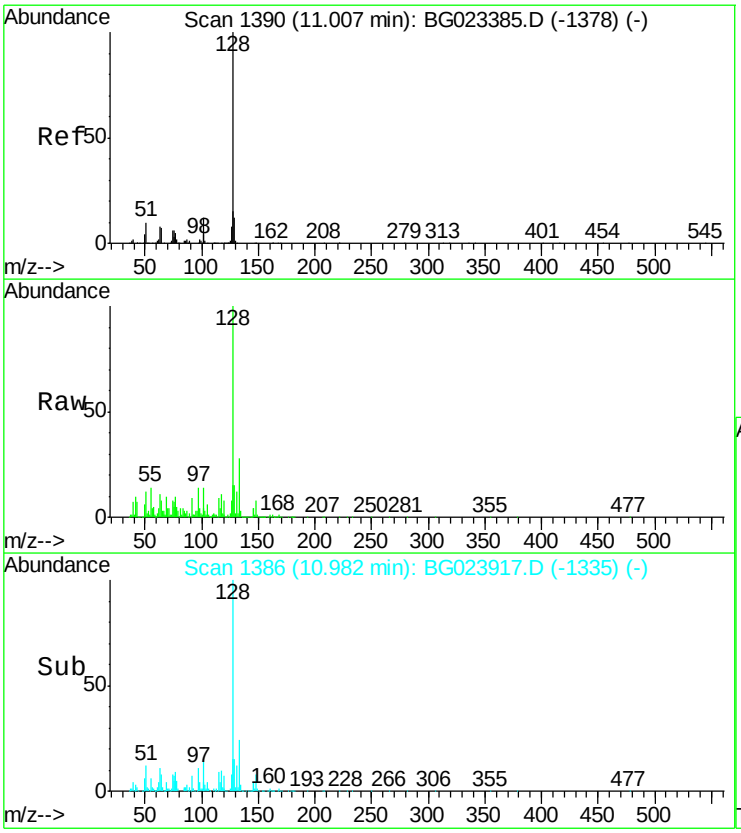
#25
Isophorone
Concen: 3.56 ng
RT: 9.83 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 81083

Ion	Ratio	Lower	Upper
82	100		
95	154.6	8.2	12.2#
138	7.3	10.7	16.1#

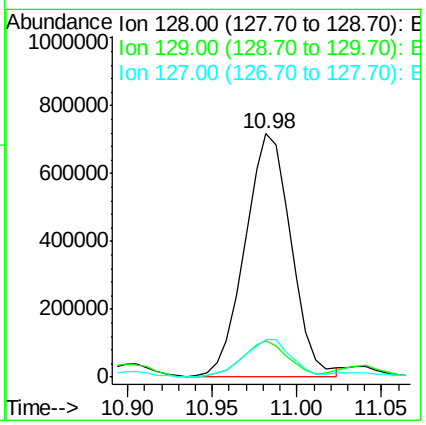


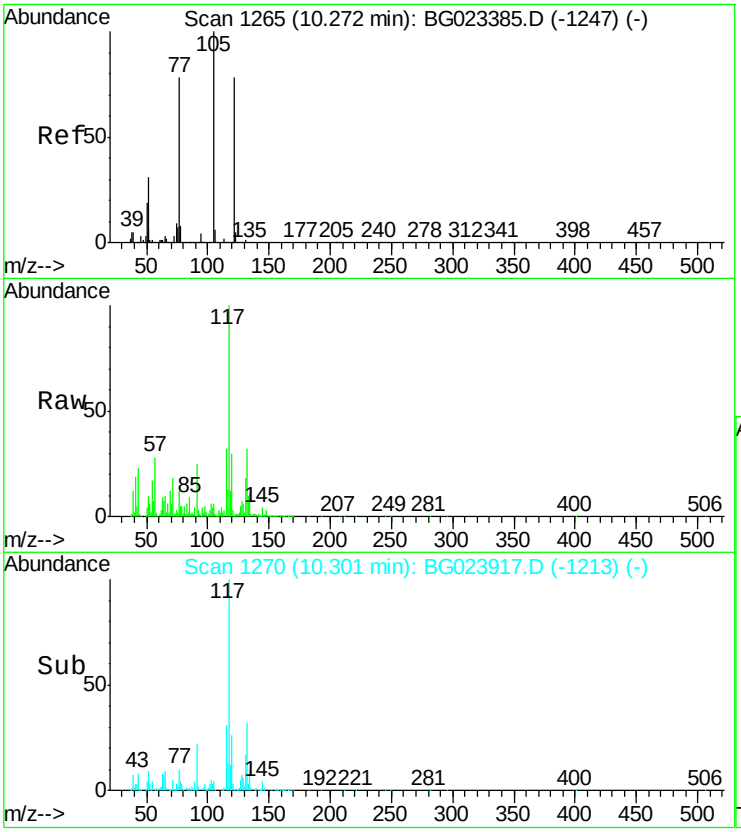


#31
Naphthalene
Concen: 48.92 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:128 Resp: 1354634

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.4	14.0#
127	15.4	11.3	16.9



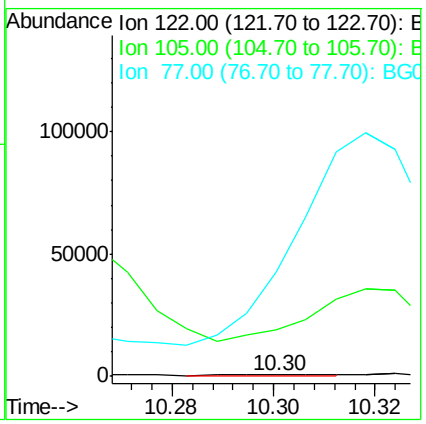


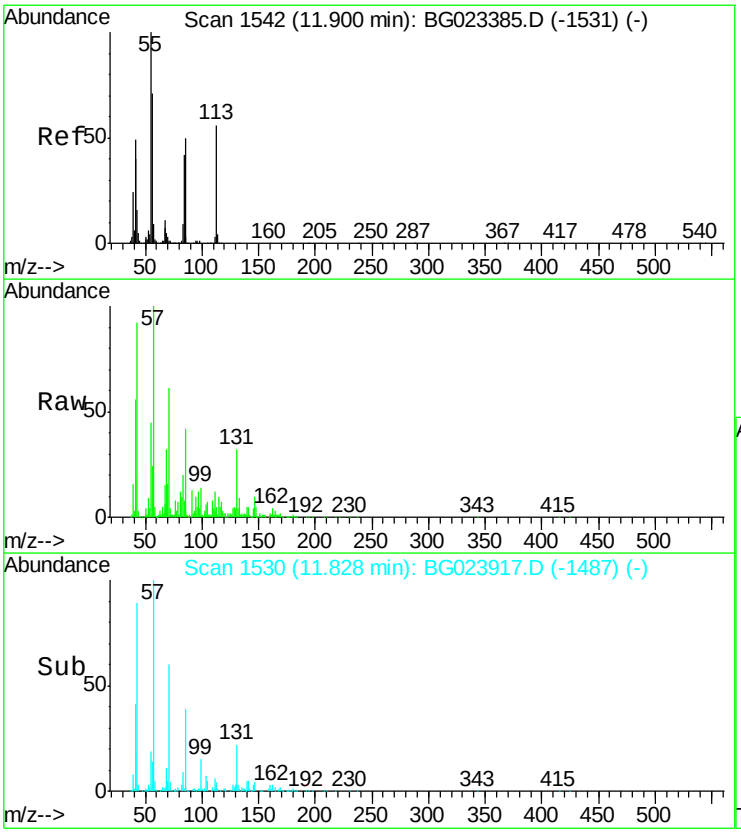
#32
Benzoic acid
Concen: 6.55 ng
RT: 10.30 min Scan# 1270
Delta R.T. 0.03 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:122 Resp: 998

Ion	Ratio	Lower	Upper
122	100		
105	2937.0	117.2	157.2#
77	6590.1	109.2	149.2#

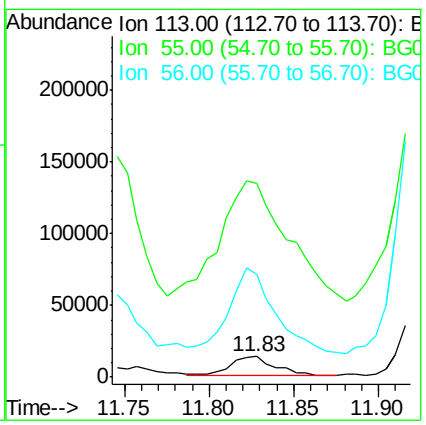


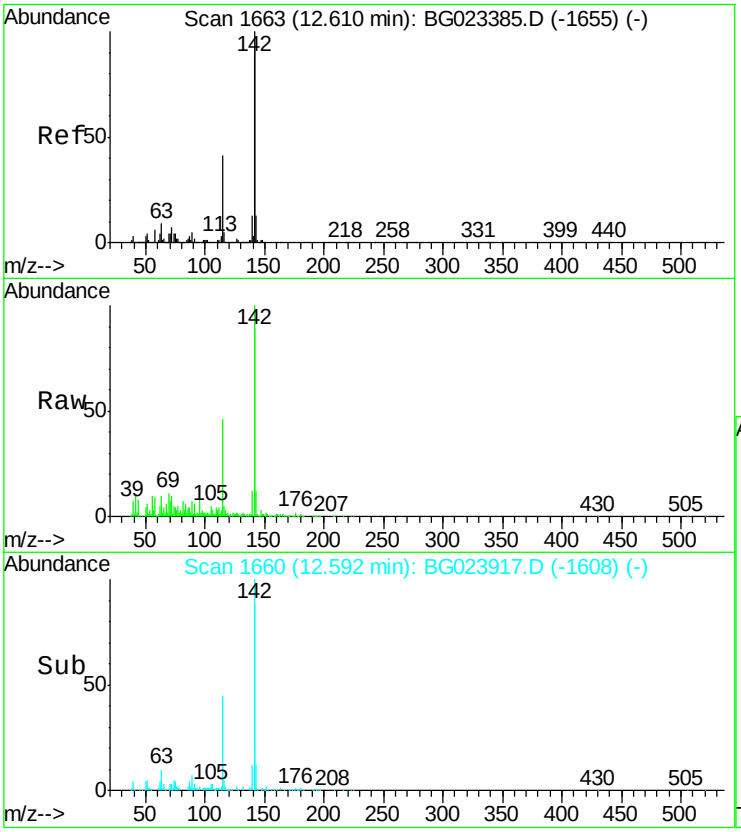


#35
Caprolactam
Concen: 6.41 ng
RT: 11.83 min Scan# 1530
Delta R.T. -0.05 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:113 Resp: 23593

Ion	Ratio	Lower	Upper
113	100		
55	943.2	154.5	194.5#
56	499.4	125.1	165.1#



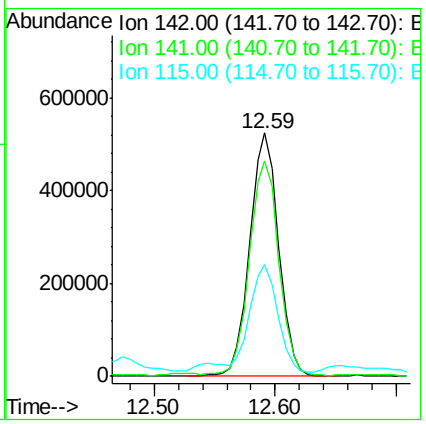


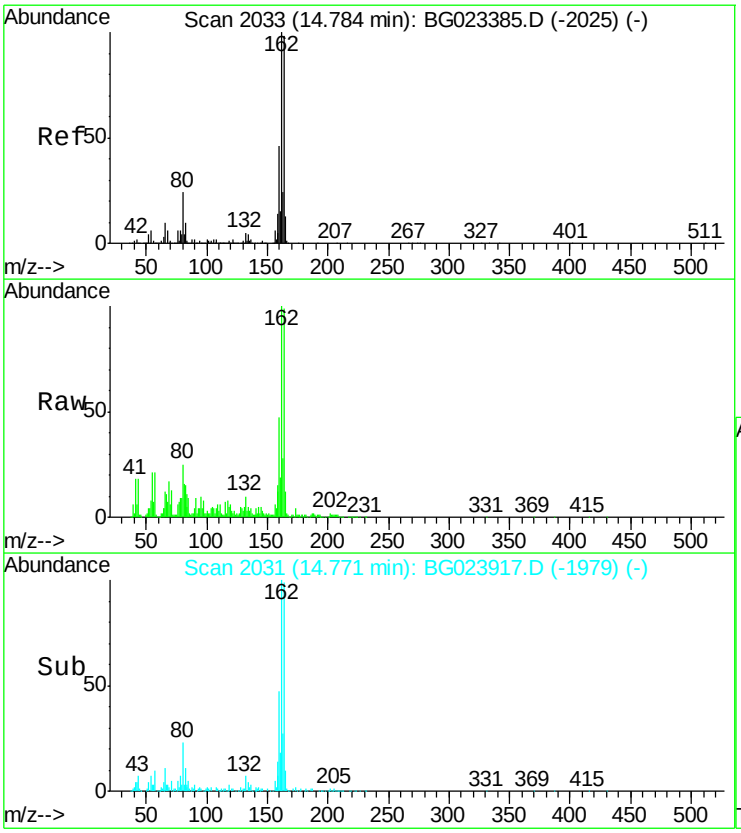
#37
2-Methylnaphthalene
Concen: 41.11 ng
RT: 12.59 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 865578

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.2
115	45.8	41.7	62.5

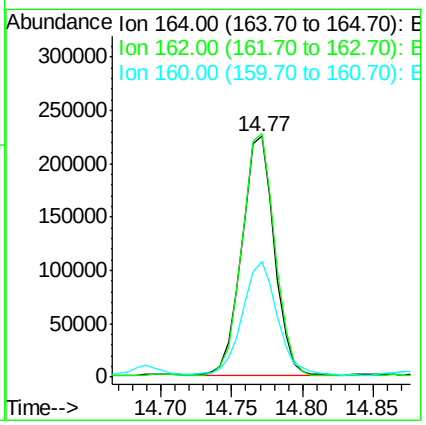


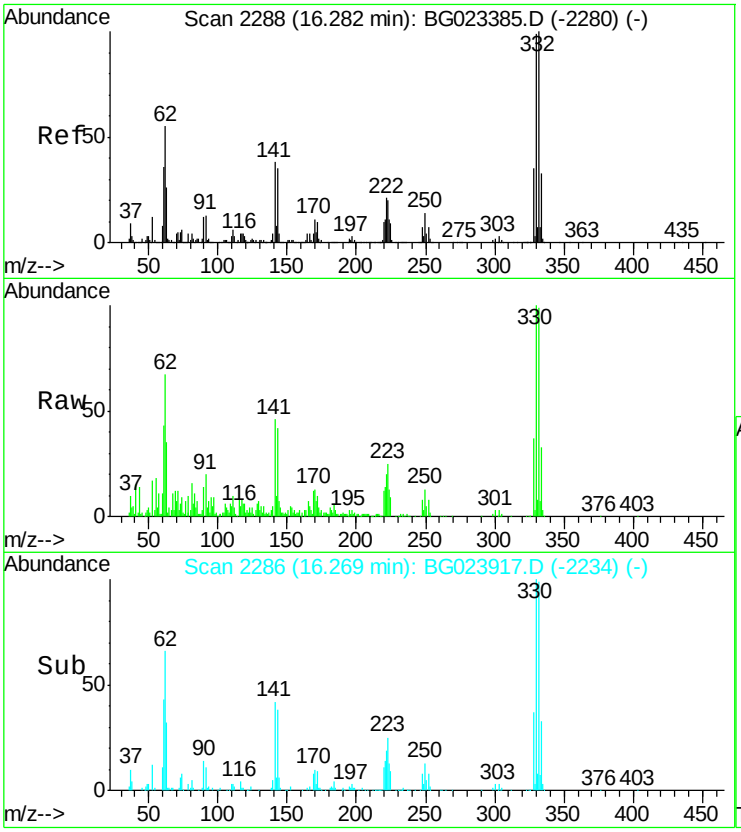


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:164 Resp: 364327

Ion	Ratio	Lower	Upper
164	100		
162	101.1	87.7	131.5
160	47.9	37.2	55.8



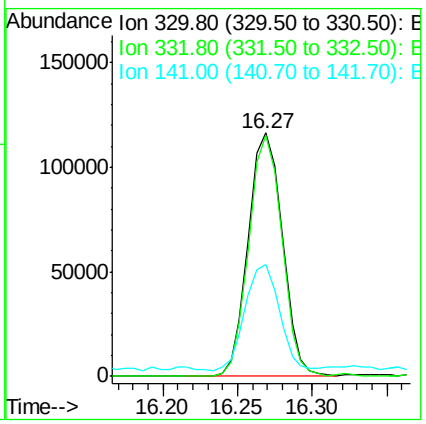


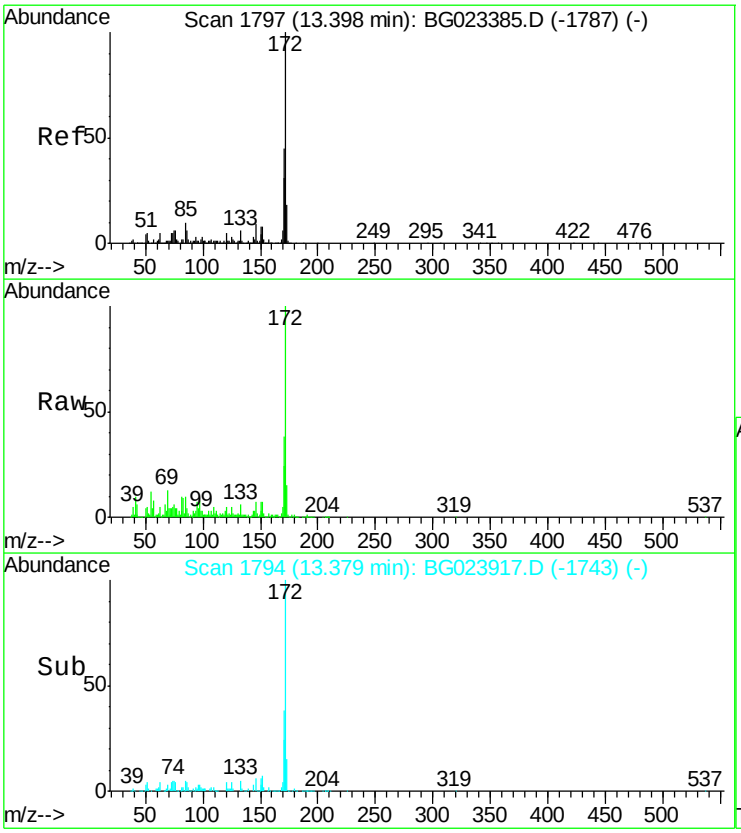
#41
2,4,6-Tribromophenol
Concen: 34.57 ng
RT: 16.27 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 184238

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	43.6	31.7	47.5

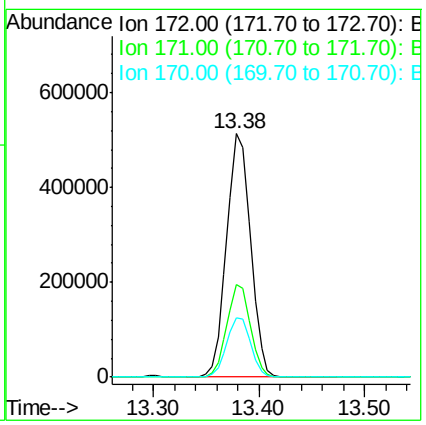


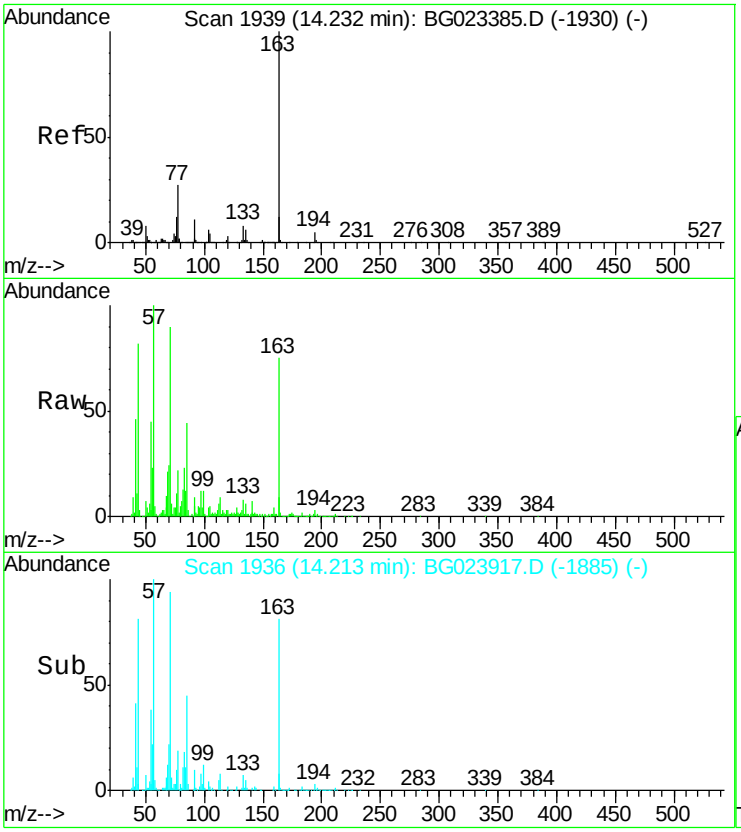


#44
2-Fluorobiphenyl
Concen: 37.12 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:172 Resp: 801866

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.6	47.4
170	24.5	21.3	31.9



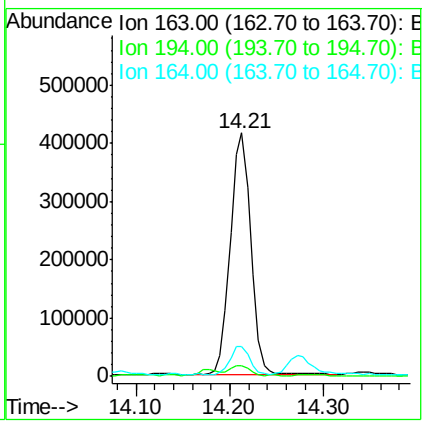


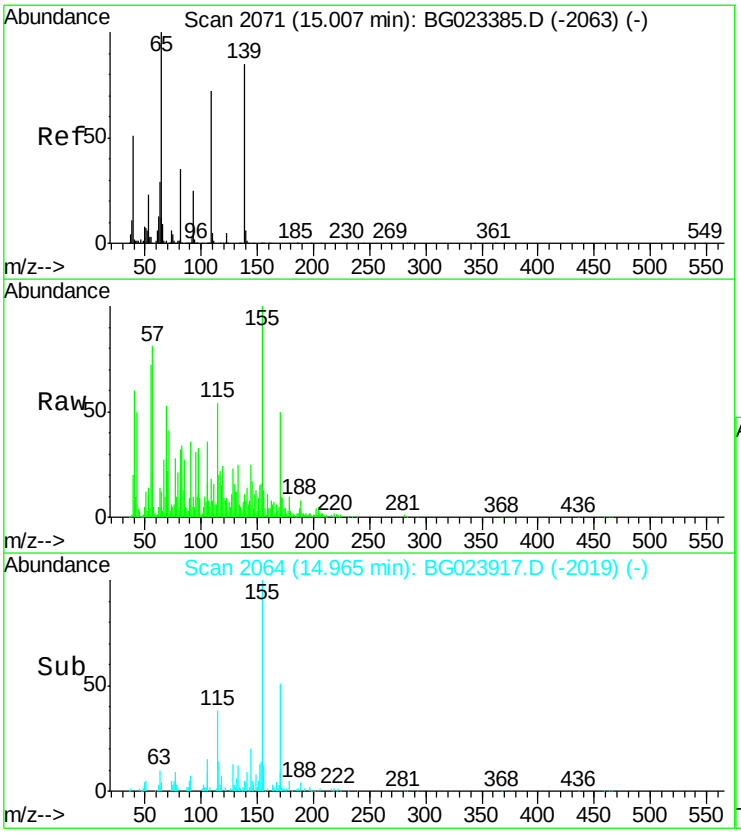
#49
Dimethylphthalate
Concen: 22.67 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:163 Resp: 633717

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	12.4	8.1	12.1#

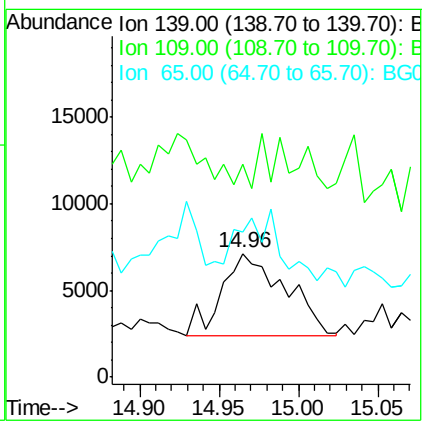


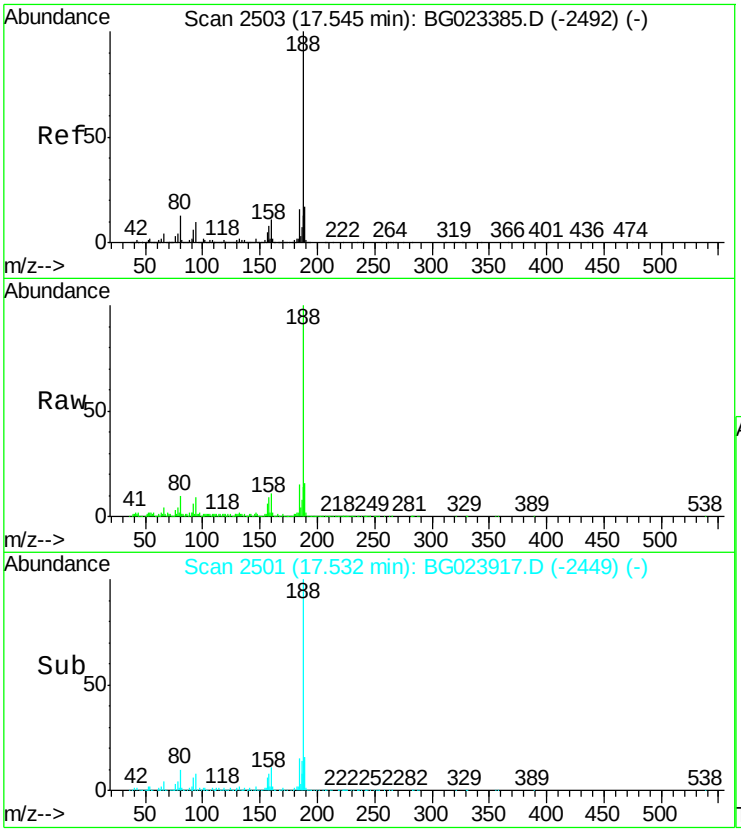


#55
4-Nitrophenol
Concen: 2.23 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:139 Resp: 13080

Ion	Ratio	Lower	Upper
139	100		
109	172.8	103.0	143.0#
65	117.2	112.7	152.7



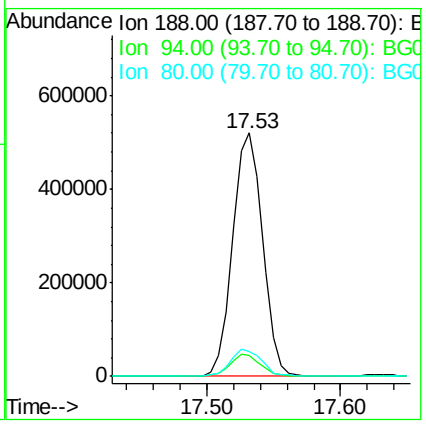


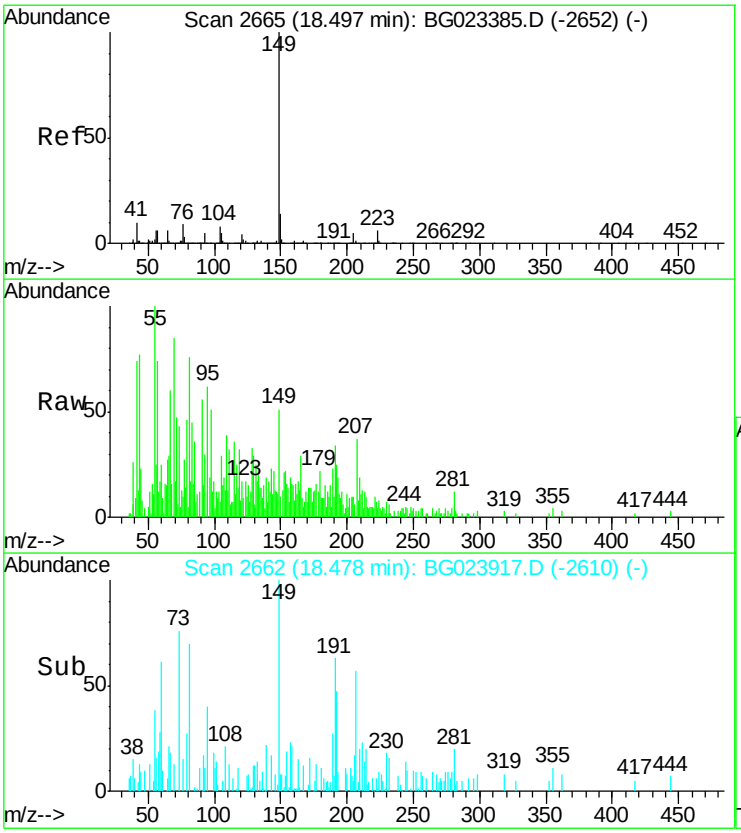
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 805843

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.2	7.8#
80	10.2	7.2	10.8

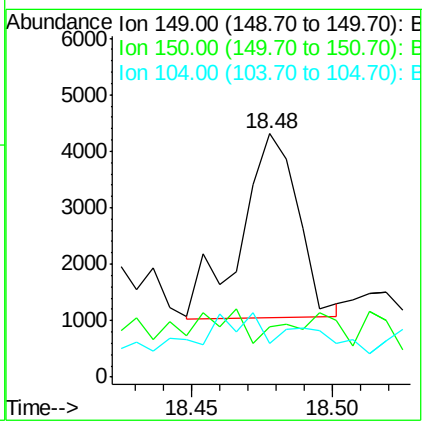


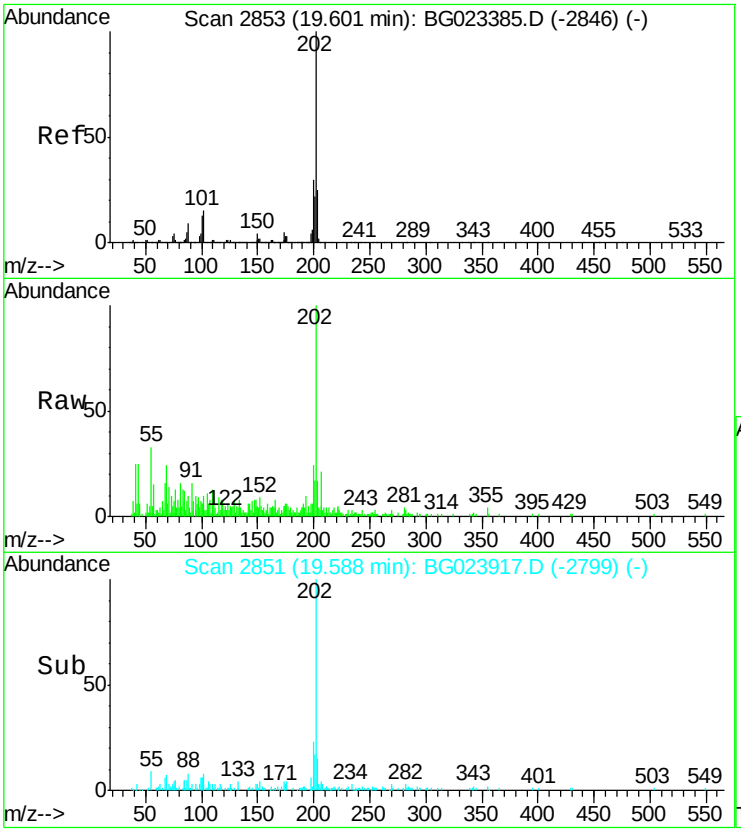


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:149 Resp: 4556

Ion	Ratio	Lower	Upper
149	100		
150	20.4	9.1	13.7#
104	13.8	6.9	10.3#



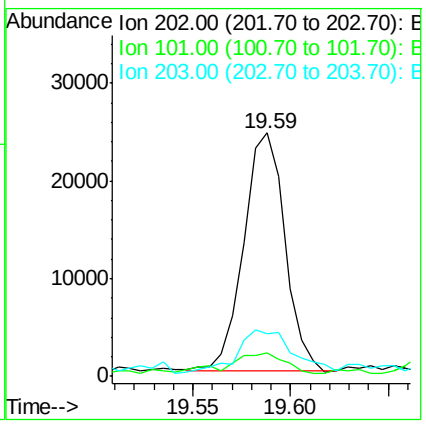


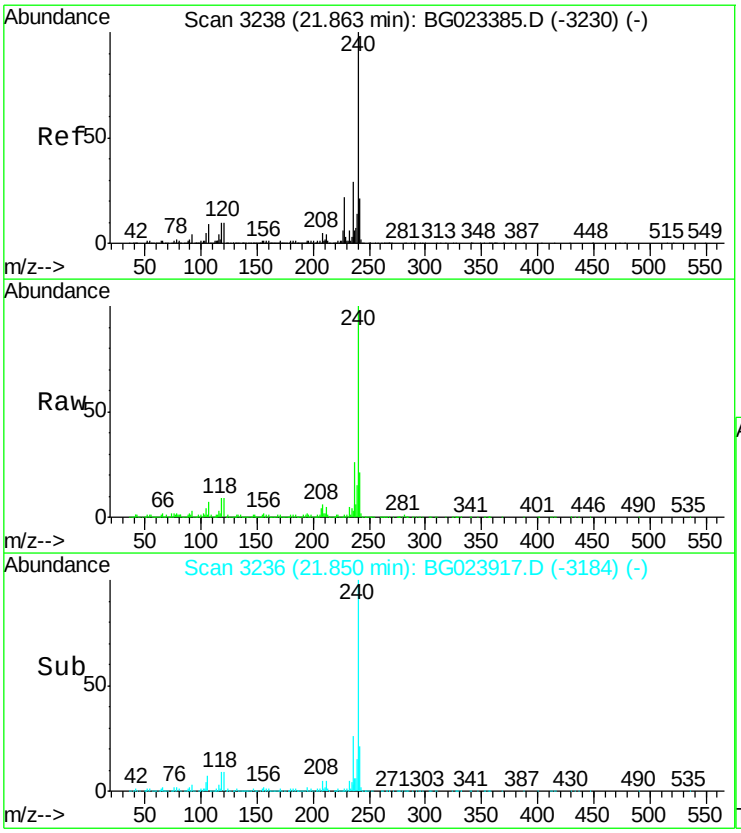
#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 35431

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	27.4
203	17.4	1.7	41.7

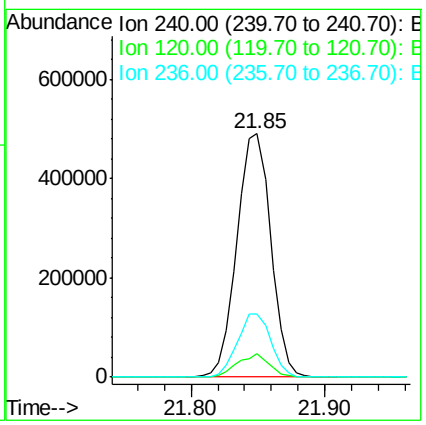


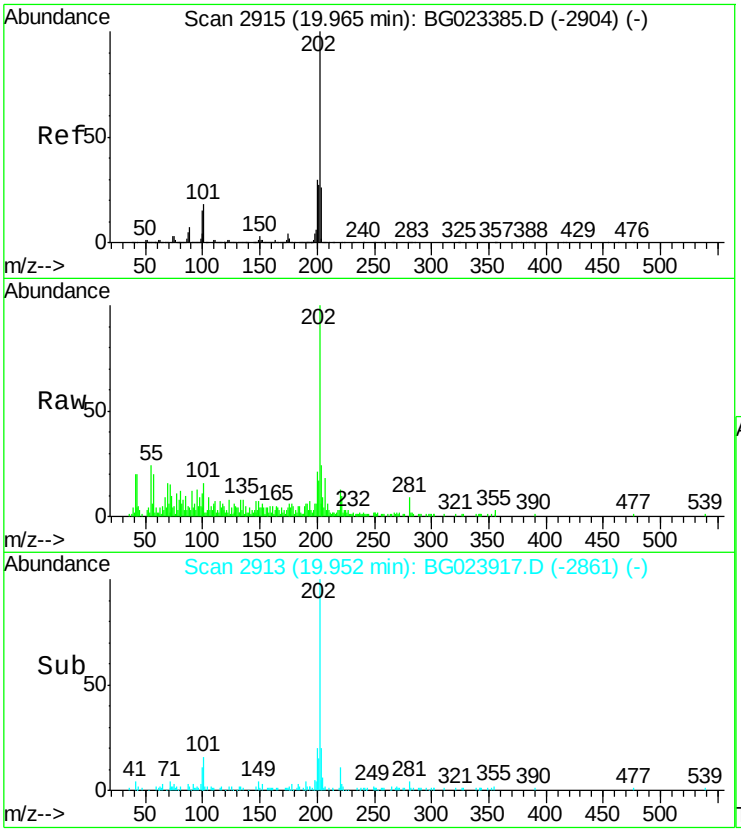


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:240 Resp: 855307

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.1	6.1#
236	26.1	21.1	31.7



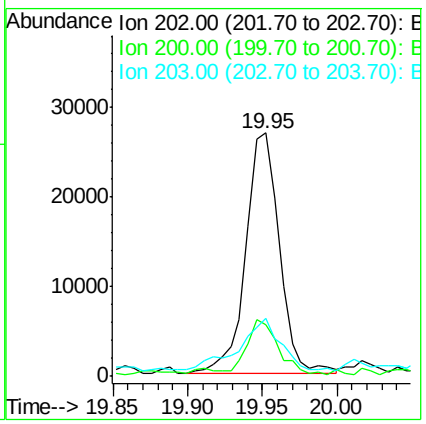


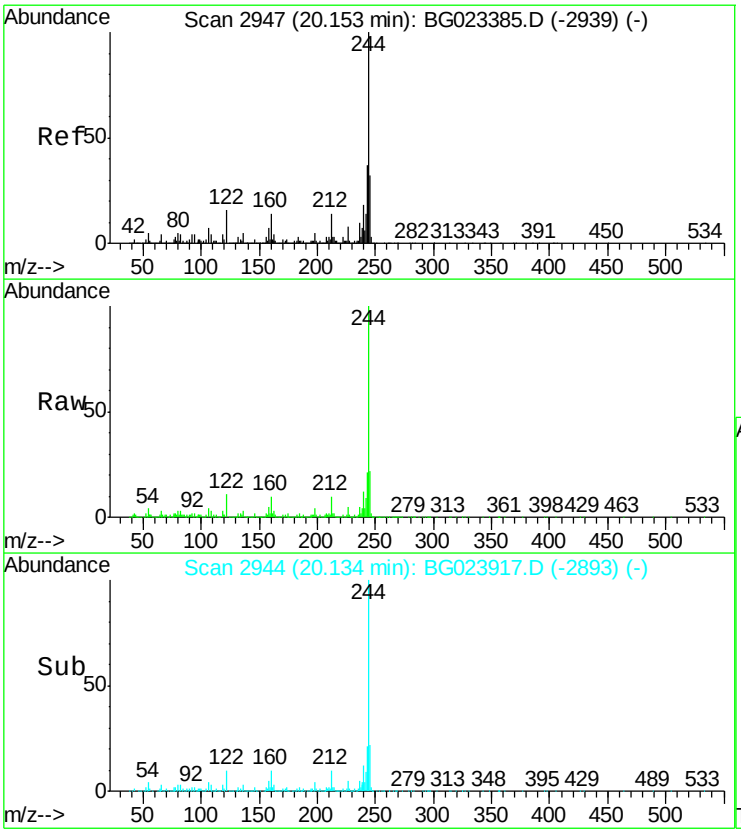
#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 41578

Ion	Ratio	Lower	Upper
202	100		
200	21.4	21.2	31.8
203	23.7	16.8	25.2

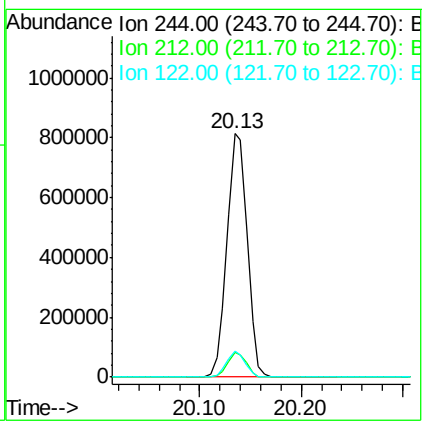


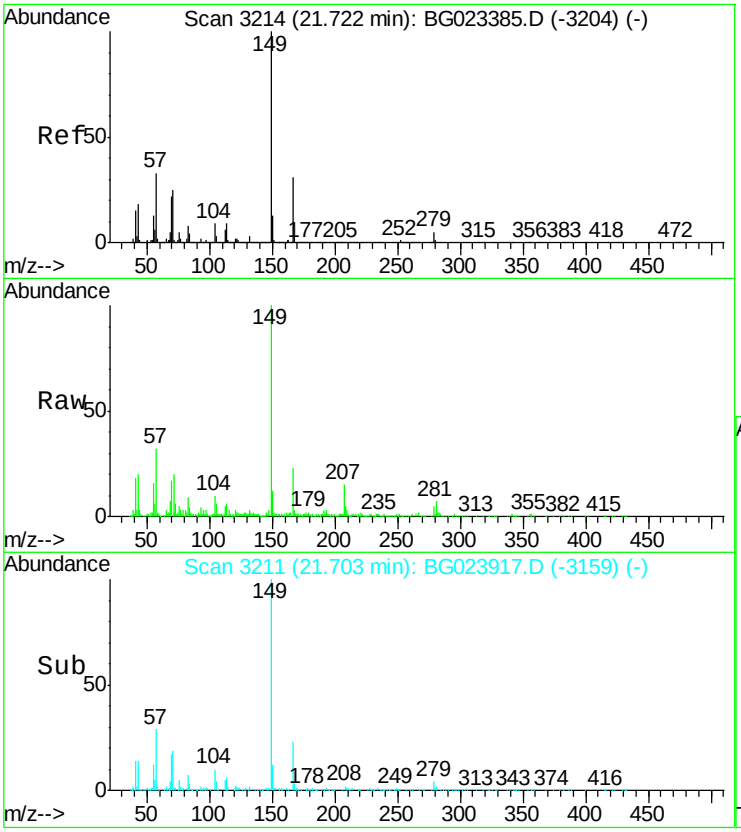


#78
Terphenyl-d14
Concen: 28.66 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:244 Resp: 1130028

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.8	16.2#
122	10.5	8.0	12.0



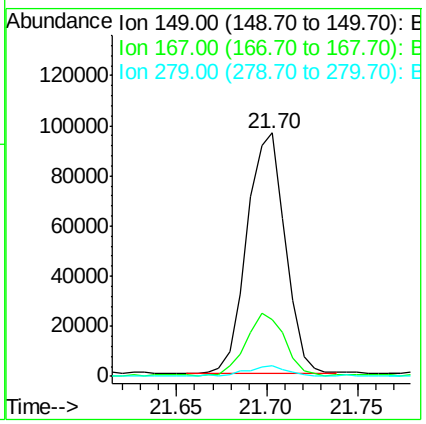


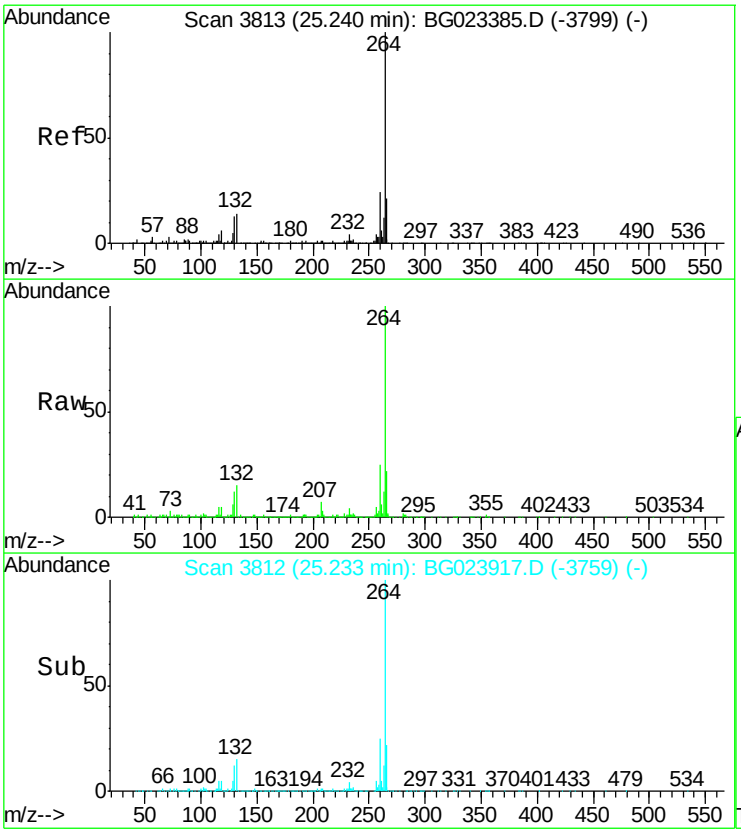
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.02 ng
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:149 Resp: 141658

Ion	Ratio	Lower	Upper
149	100		
167	23.3	24.0	36.0#
279	4.6	4.8	7.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BG023917.D
Acq: 26 Aug 2016 7:37

Tgt Ion:264 Resp: 866451

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	22.3	18.9	28.3