Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

Quant Time: Nov 05 00:46:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	99874	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	389885	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	320752	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	697802	20.00	ng		0.00
75) Chrysene-d12	21.92	240	992168	20.00	ng		0.00
86) Perylene-d12	25.35	264	1017547	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	482535	79.19	ng		0.00
7) Phenol-d6	7.40	99	454794	54.41	ng		0.00
23) Nitrobenzene-d5	9.44	82	810793	94.68	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	691453	144.30	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1638403	84.90	ng		0.00
78) Terphenyl-d14	20.20	244	2683572	80.82	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.98	42	9040	2.34	ng	#	8
9) Benzaldehyde	7.39	77	208304	40.33	ng	#	1
10) Phenol	7.43	94	27223	3.16	ng		90
17) 2-Methylphenol	8.95	107	310842	54.44	ng	#	18
18) Hexachloroethane	9.38	117	99813	34.27	ng	#	1
20) 3+4-Methylphenols	9.02	107	18515	2.42	ng	#	83
22) Acetophenone	9.09	105	1259132	125.73	ng	#	91
24) Nitrobenzene	9.45	77	21133	2.22	ng	#	5
27) 2,4-Dimethylphenol	10.24	122	61420	9.92	ng		94
31) Naphthalene	11.15	128	2131536	109.60	ng		96
32) Benzoic acid	10.40	122	228712	44.37	ng		96
33) 4-Chloroaniline	11.15	127	319014	37.78	ng	#	30
37) 2-Methylnaphthalene	12.73	142	589342	41.53	ng		100
45) 1,1'-Biphenyl	13.72	154	54424	2.45	ng		90
49) Dimethylphthalate	14.32	163	182393	8.01	ng		97

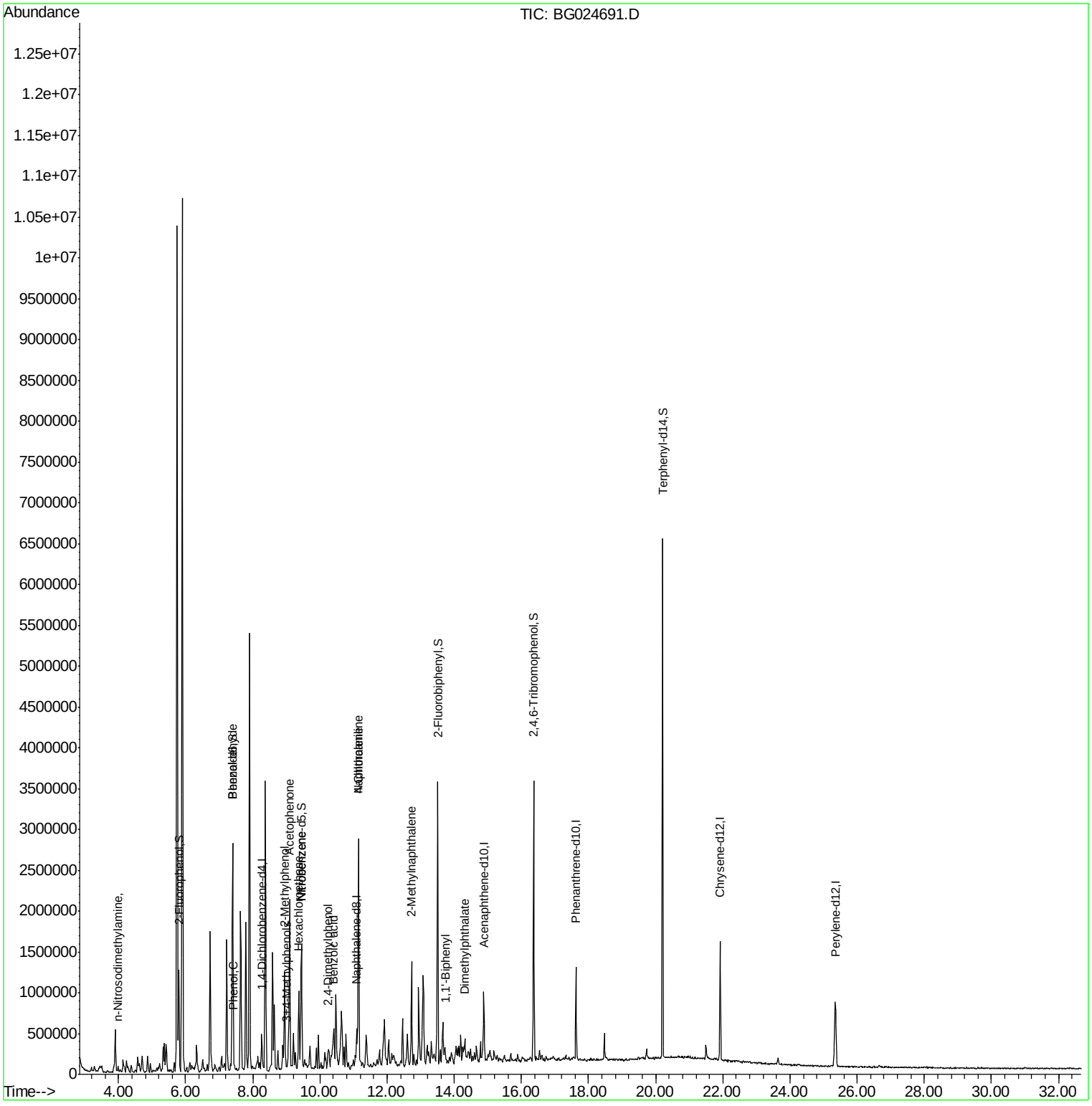
(#) = qualifier out of range (m) = manual integration (+) = signals summed

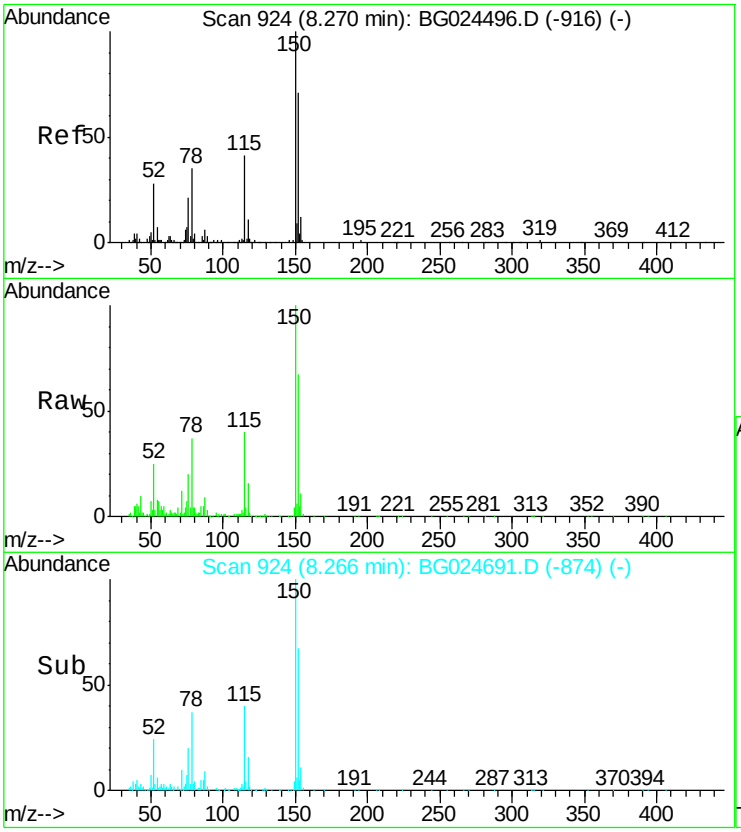
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S22-0014

Quant Time: Nov 05 00:46:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration



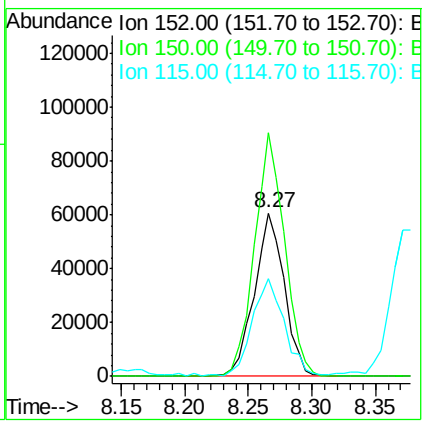


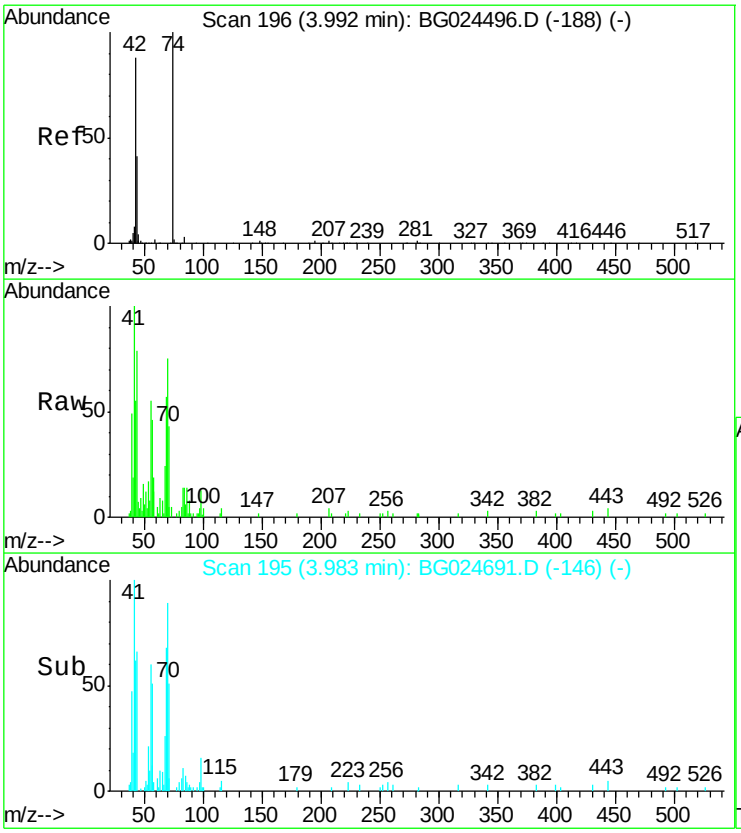
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:152 Resp: 99874

Ion	Ratio	Lower	Upper
152	100		
150	149.3	114.0	171.0
115	60.3	48.1	72.1

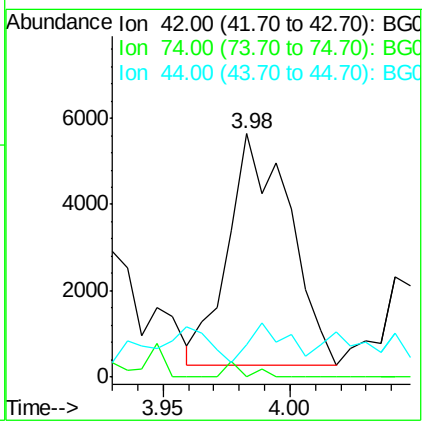


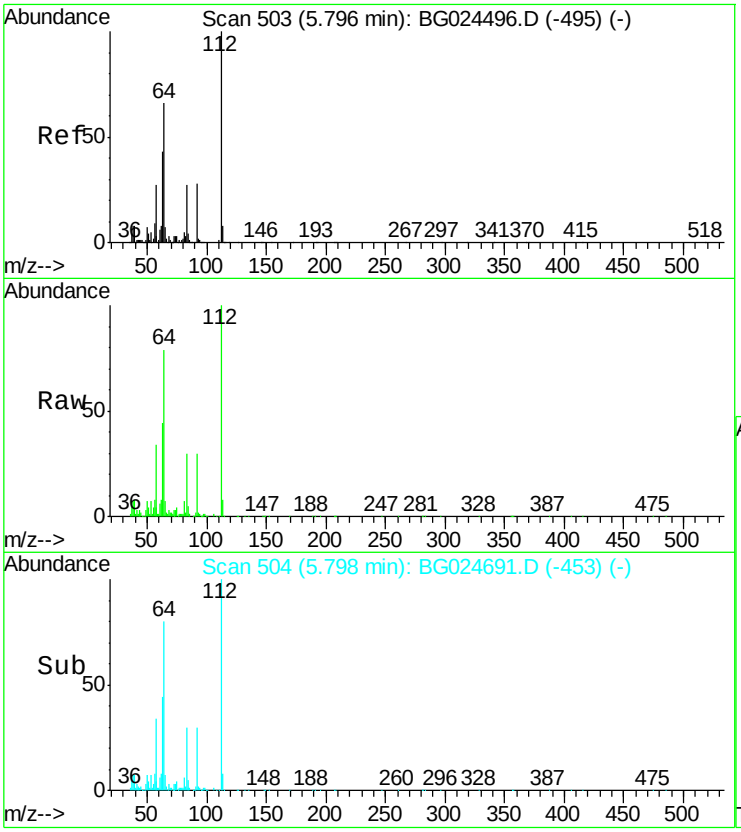


#4
n-Nitrosodimethylamine
Concen: 2.34 ng
RT: 3.98 min Scan# 195
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion: 42 Resp: 9040

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	13.3	6.1	9.1#



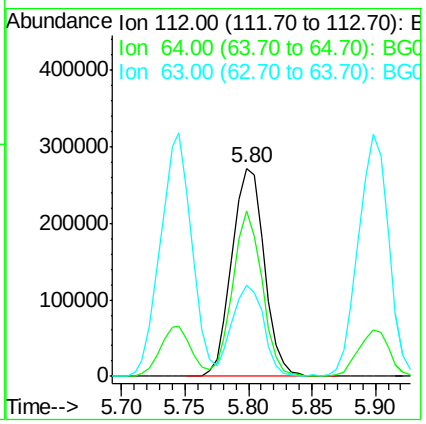


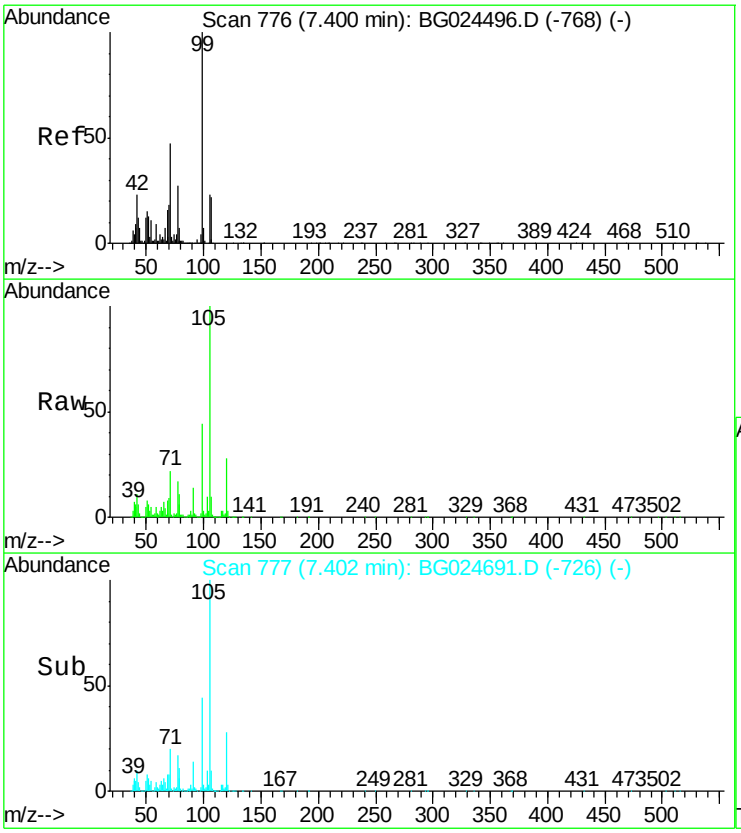
#5
2-Fluorophenol
Concen: 79.19 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:112 Resp: 482535

Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.8	92.6
63	43.8	37.2	55.8

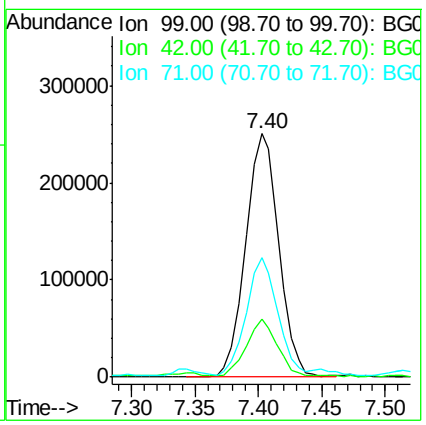


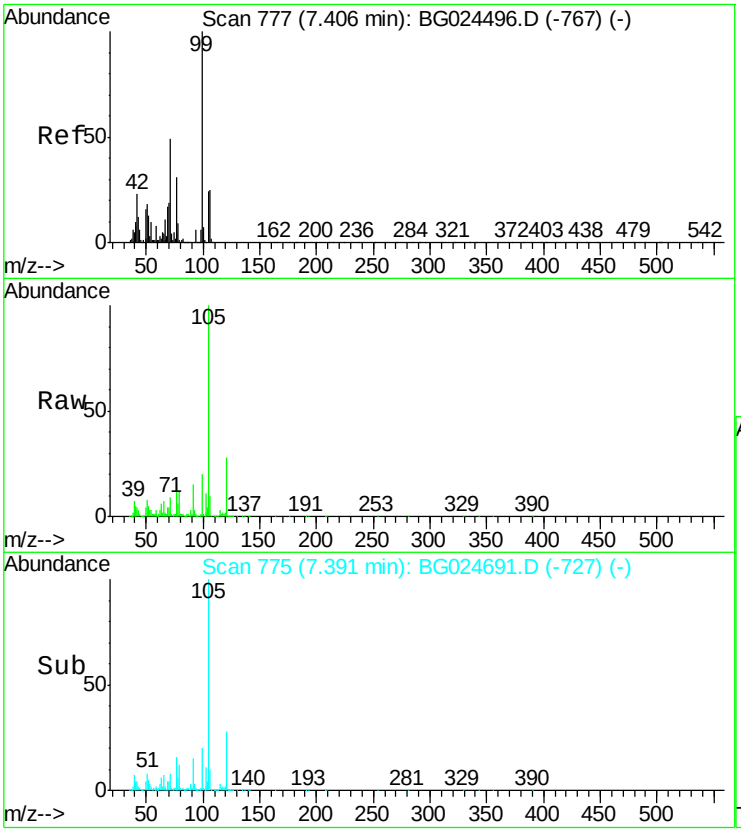


#7
Phenol-d6
Concen: 54.41 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion: 99 Resp: 454794

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.5	30.7
71	48.9	37.6	56.4



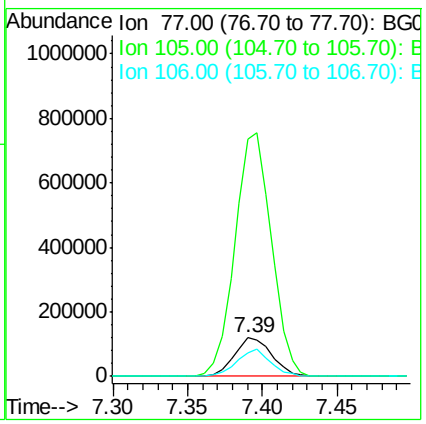


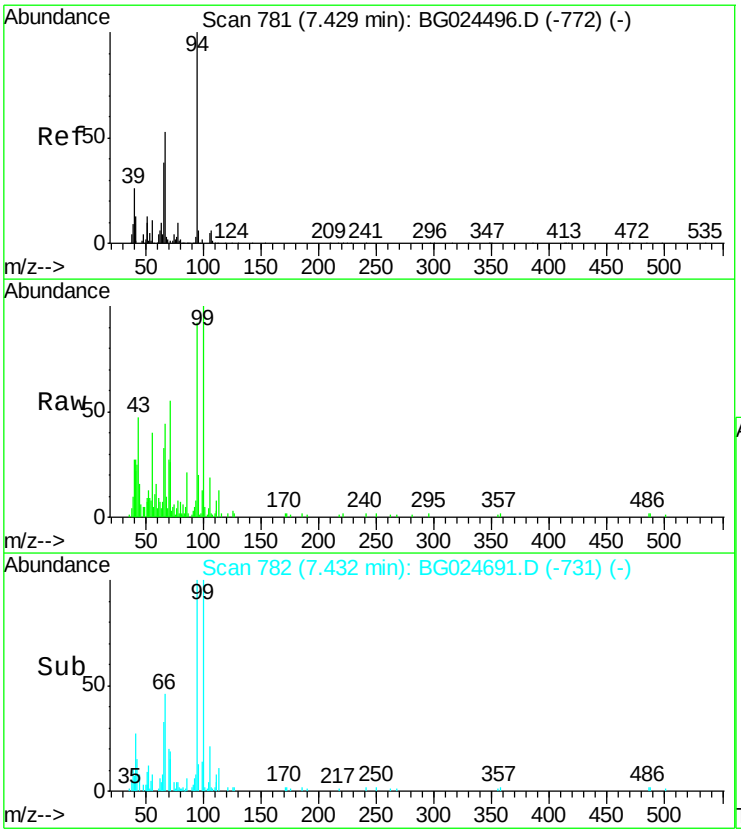
#9
Benzaldehyde
Concen: 40.33 ng
RT: 7.39 min Scan# 775
Delta R.T. -0.02 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion: 77 Resp: 208304

Ion	Ratio	Lower	Upper
77	100		
105	610.9	60.9	100.9#
106	59.0	55.1	95.1

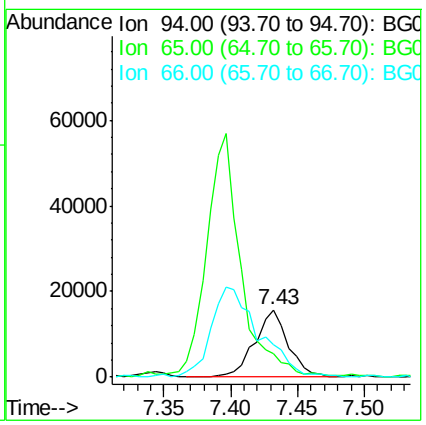


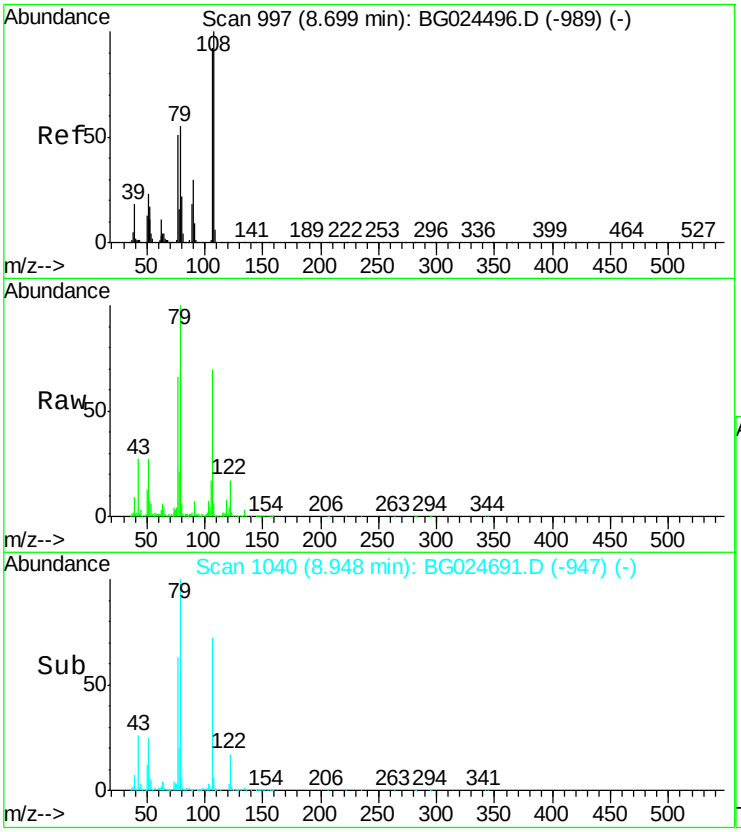


#10
Phenol
Concen: 3.16 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion: 94 Resp: 27223

Ion	Ratio	Lower	Upper
94	100		
65	35.2	20.6	60.6
66	47.5	35.5	75.5



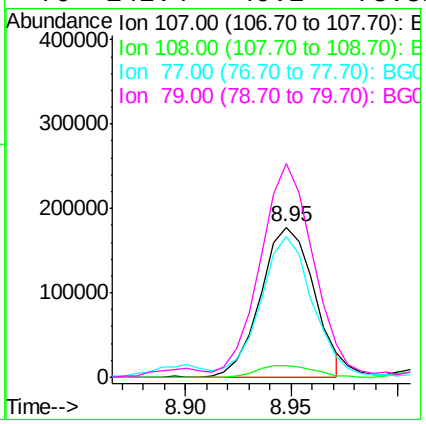


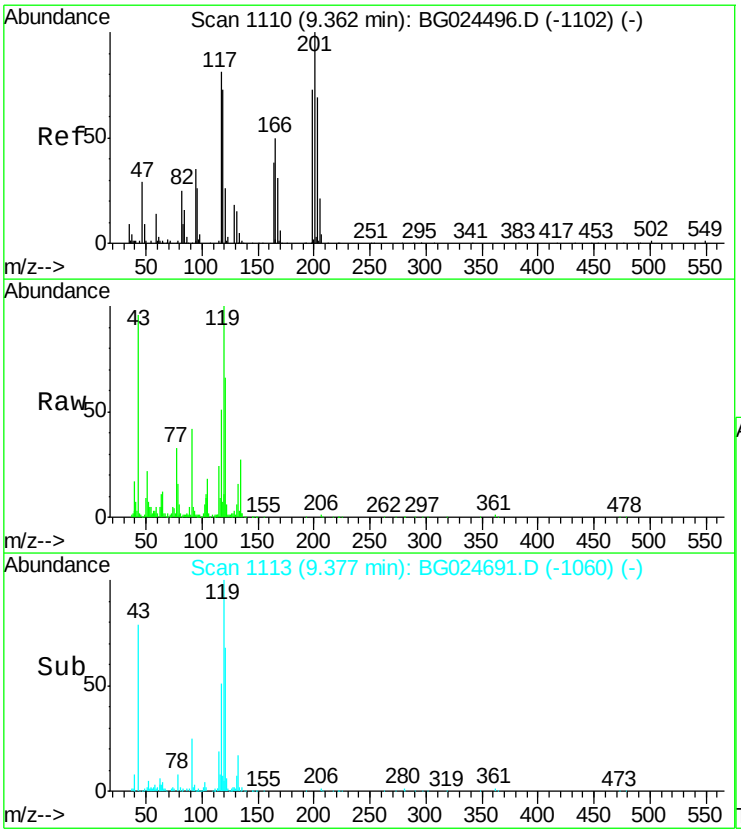
#17
2-Methylphenol
Concen: 54.44 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.25 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:107 Resp: 310842

Ion	Ratio	Lower	Upper
107	100		
108	8.1	85.6	128.4#
77	94.1	51.4	77.2#
79	142.4	49.2	73.8#

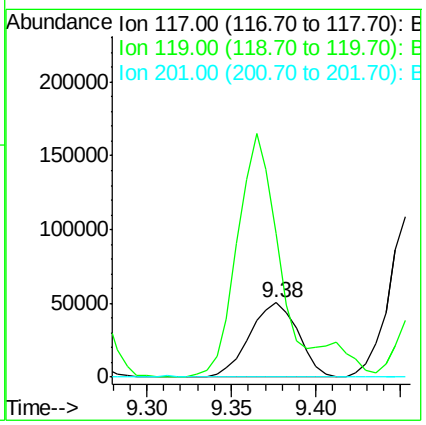


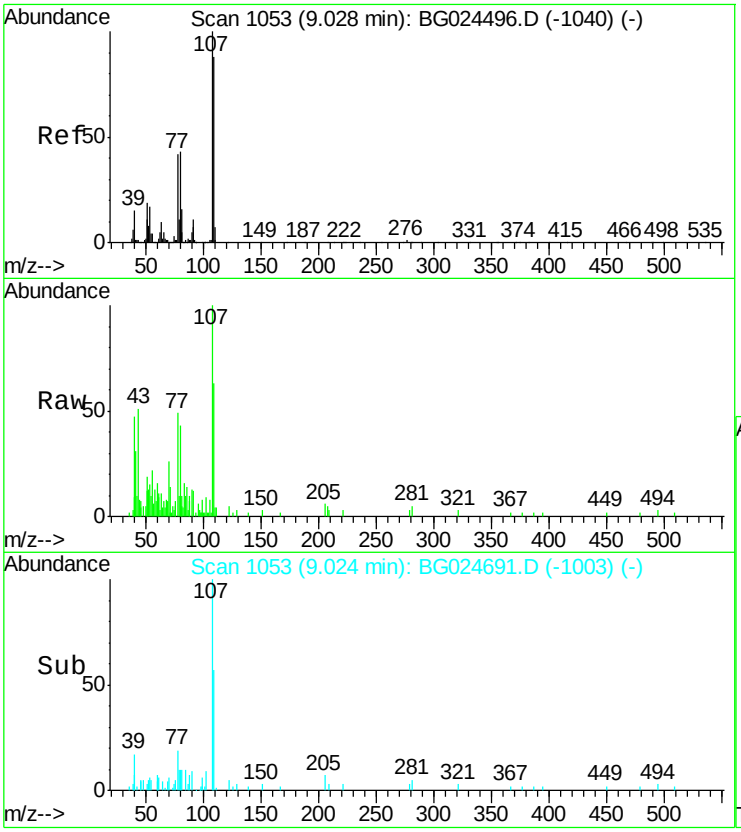


#18
Hexachloroethane
Concen: 34.27 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:117 Resp: 99813

Ion	Ratio	Lower	Upper
117	100		
119	194.3	69.8	104.6#
201	0.0	95.4	143.0#



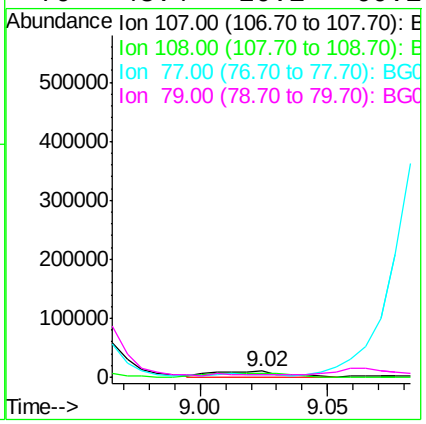


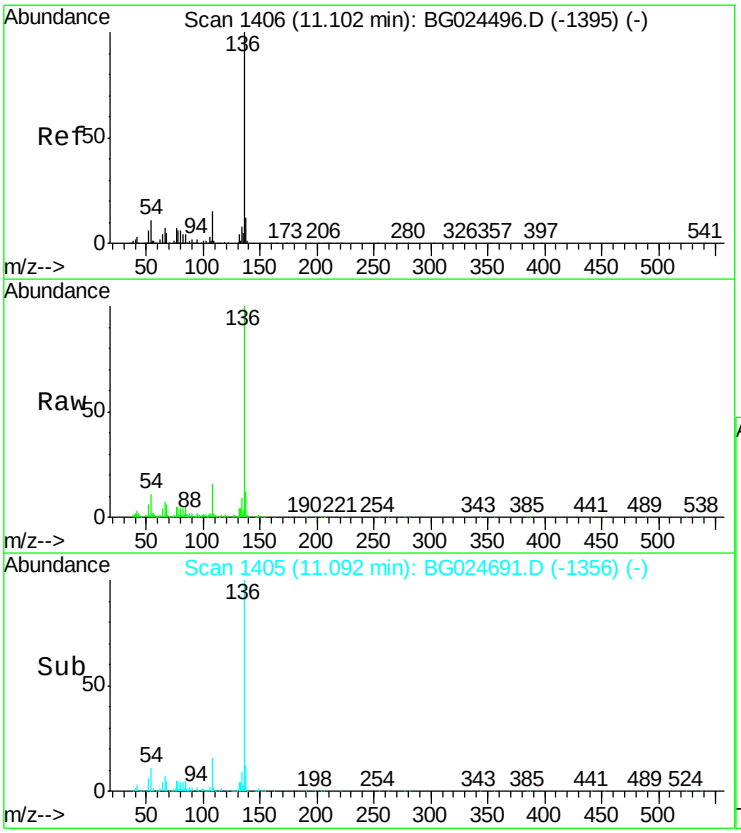
#20
3+4-Methylphenols
Concen: 2.42 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:107 Resp: 18515

Ion	Ratio	Lower	Upper
107	100		
108	63.1	70.8	110.8#
77	48.6	25.8	65.8
79	43.4	20.1	60.1

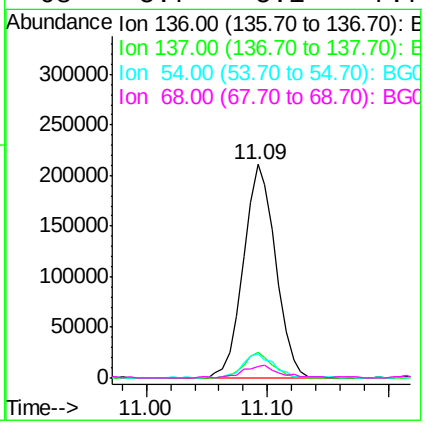


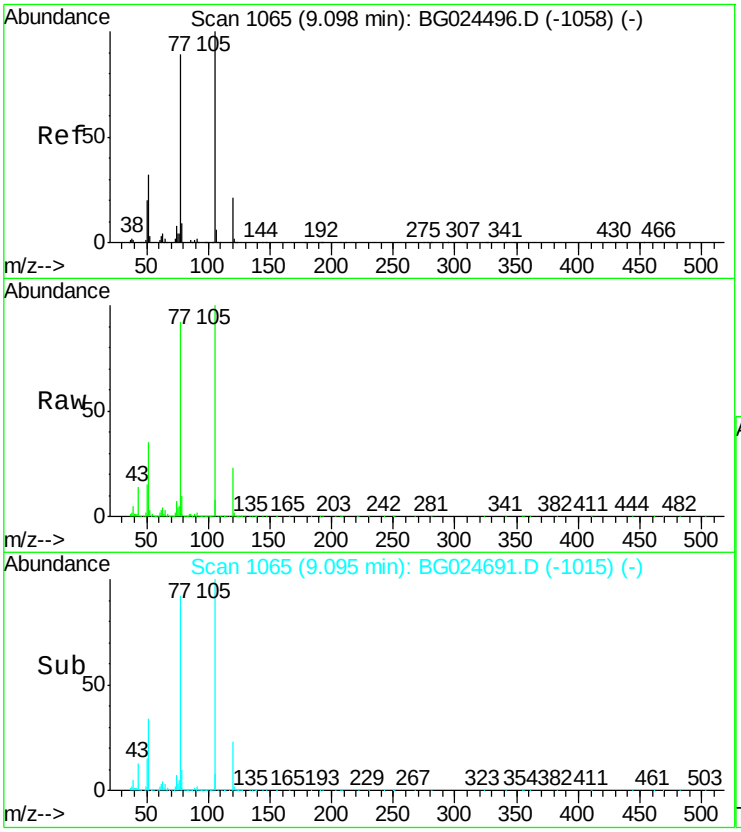


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:136 Resp: 389885

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.2	9.3	13.9
68	5.7	5.1	7.7



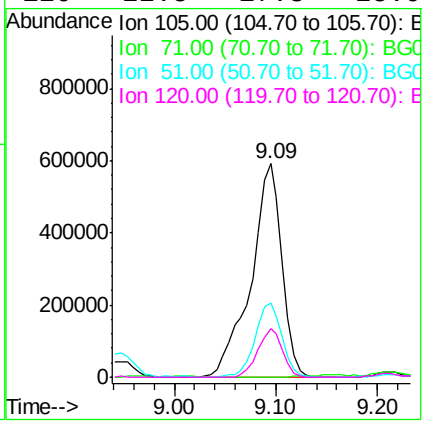


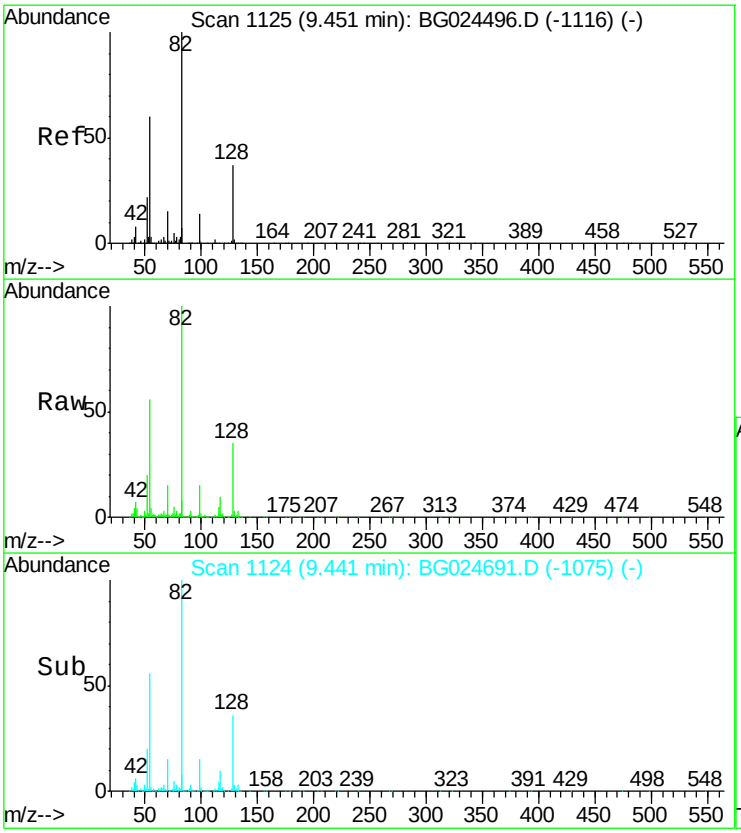
#22
Acetophenone
Concen: 125.73 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:105 Resp: 1259132

Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.9	1.3#
51	34.5	34.0	51.0
120	22.5	17.3	25.9

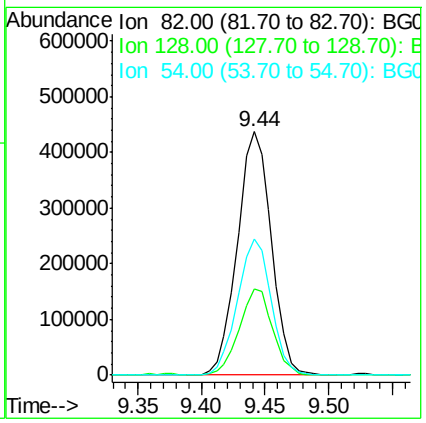


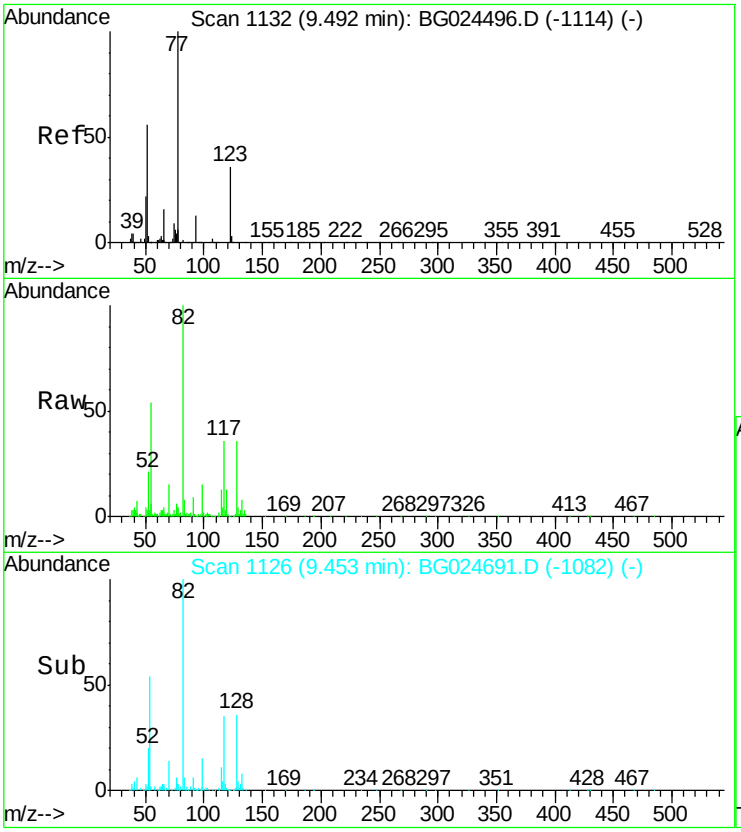


#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion: 82 Resp: 810793

Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	55.8	49.4	74.2



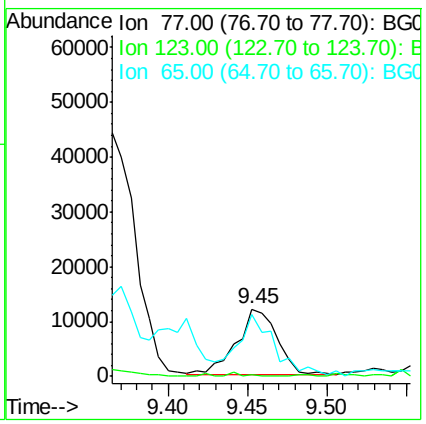


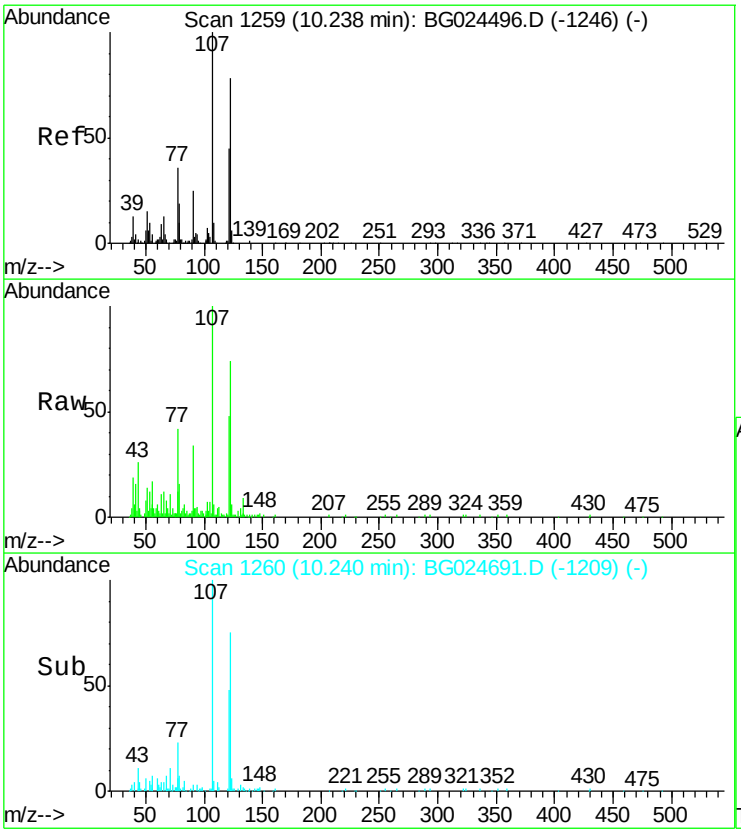
#24
Nitrobenzene
Concen: 2.22 ng
RT: 9.45 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion: 77 Resp: 21133

Ion	Ratio	Lower	Upper
77	100		
123	1.9	26.1	39.1#
65	91.3	12.4	18.6#

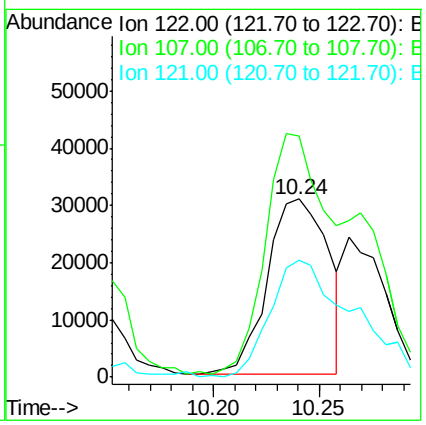


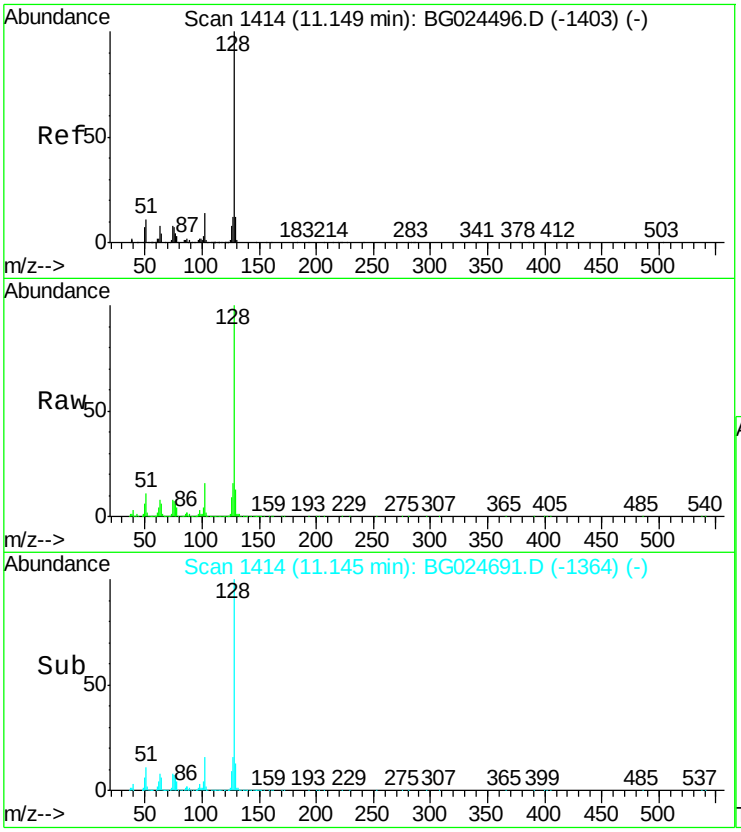


#27
2,4-Dimethylphenol
Concen: 9.92 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:122 Resp: 61420

Ion	Ratio	Lower	Upper
122	100		
107	135.5	104.2	156.4
121	65.6	46.0	69.0



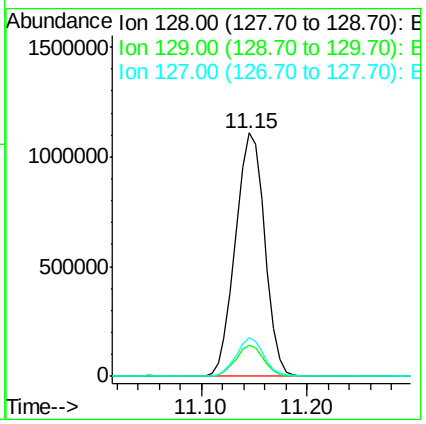


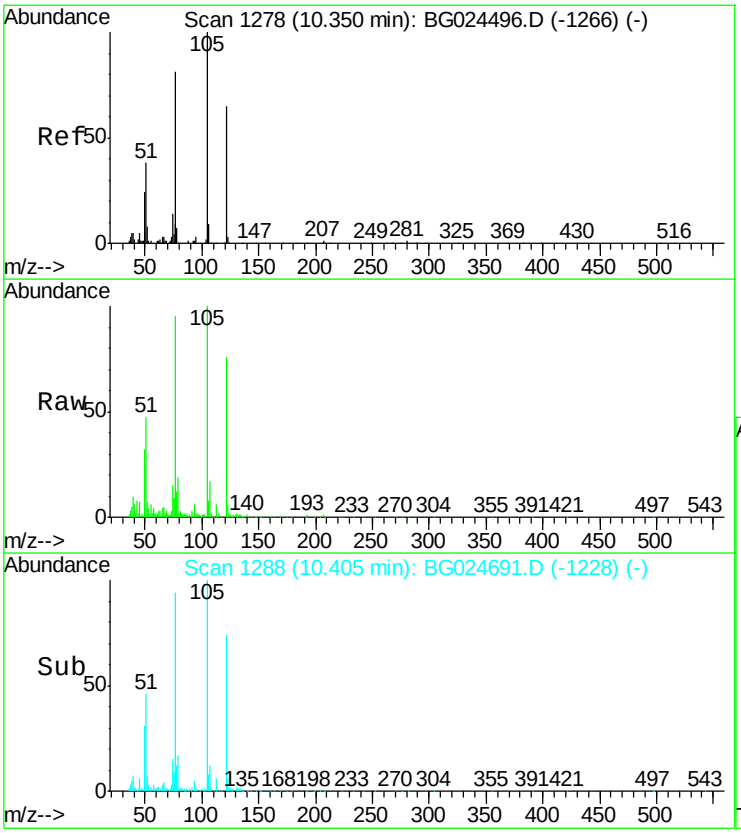
#31
Naphthalene
Concen: 109.60 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:128 Resp: 2131536

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	15.8	11.4	17.0

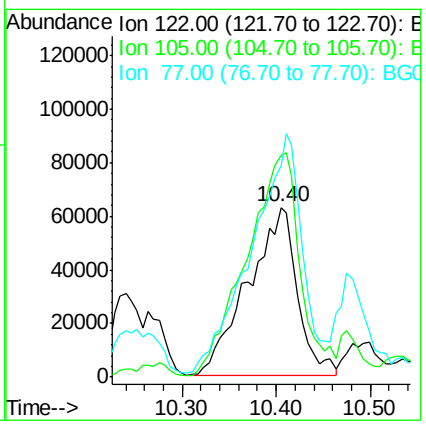


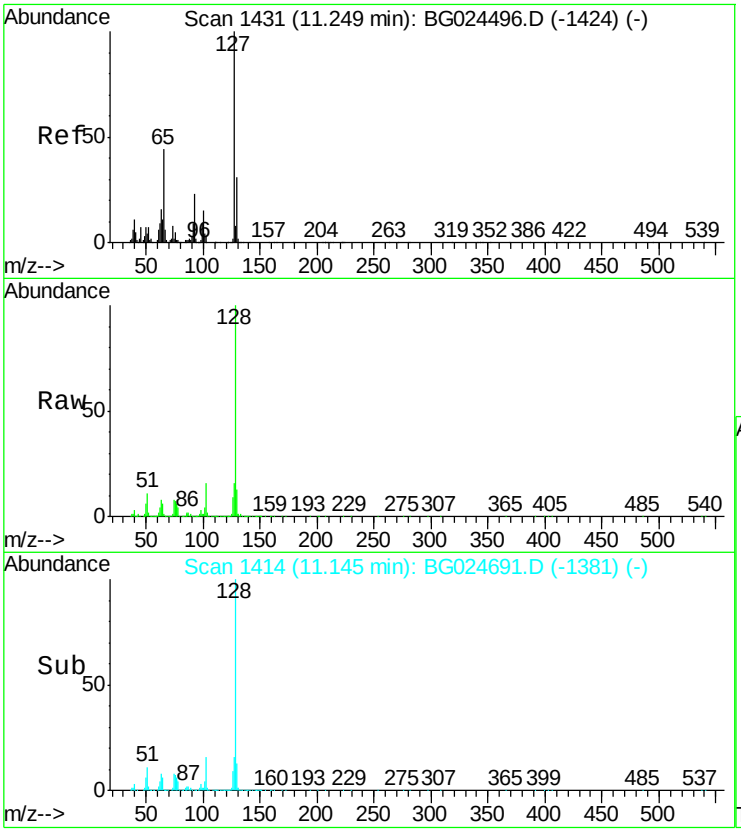


#32
Benzoic acid
Concen: 44.37 ng
RT: 10.40 min Scan# 1288
Delta R.T. 0.06 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:122 Resp: 228712

Ion	Ratio	Lower	Upper
122	100		
105	131.2	120.1	160.1
77	125.2	104.6	144.6



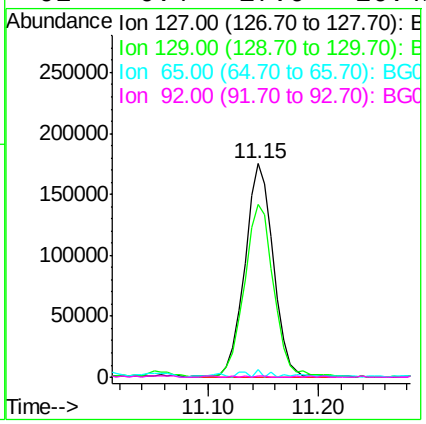


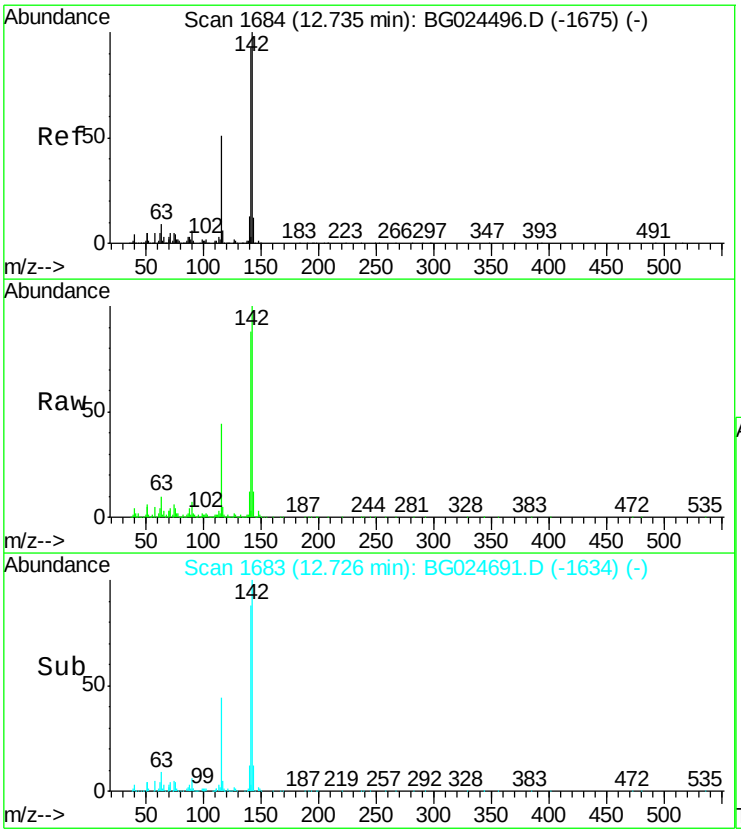
#33
4-Chloroaniline
Concen: 37.78 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.10 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:127 Resp: 319014

Ion	Ratio	Lower	Upper
127	100		
129	80.8	23.6	35.4#
65	3.6	37.7	56.5#
92	0.4	17.6	26.4#

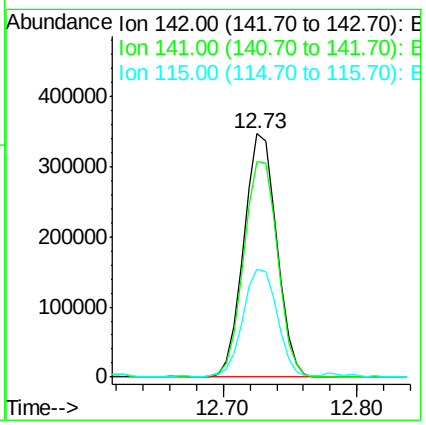


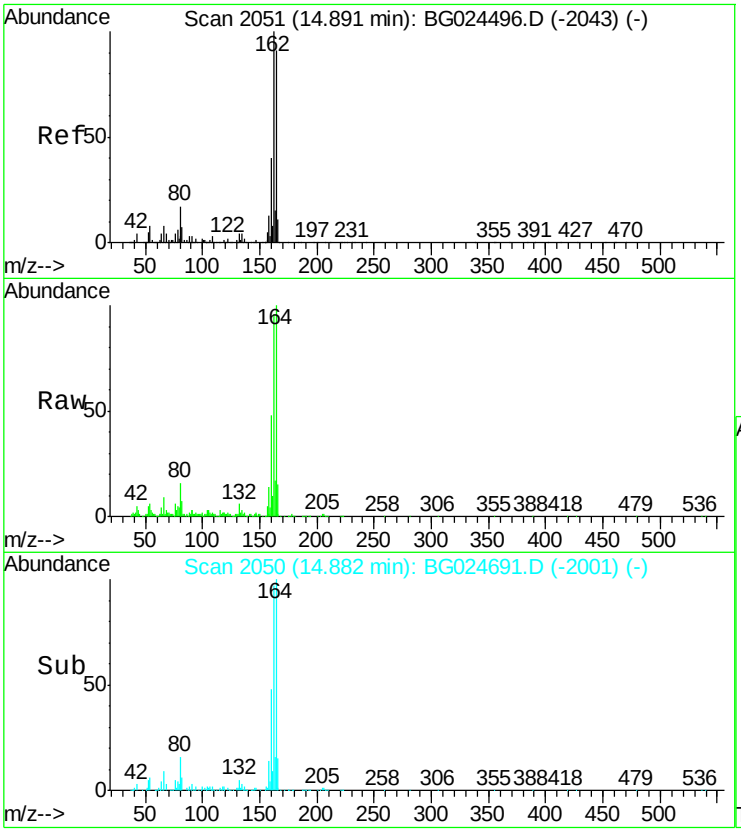


#37
2-Methylnaphthalene
Concen: 41.53 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:142 Resp: 589342

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	44.2	35.5	53.3



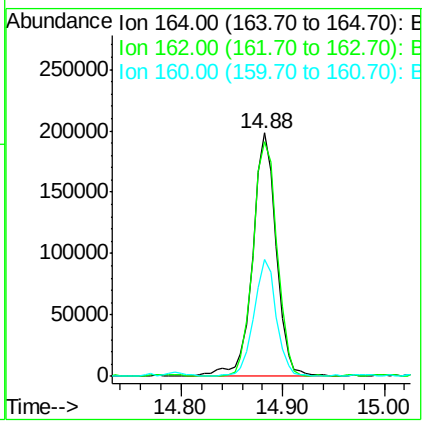


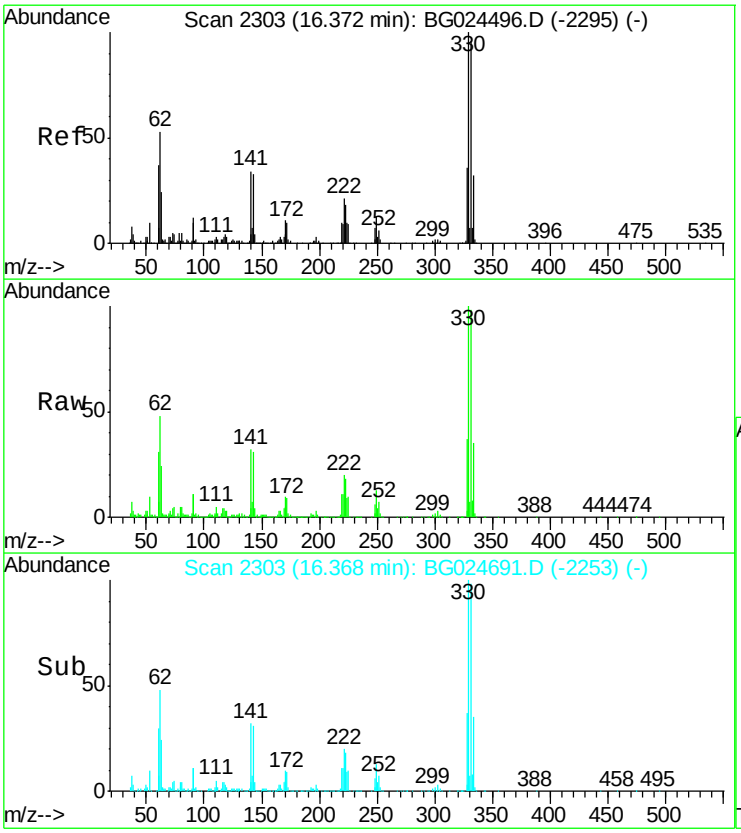
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:164 Resp: 320752

Ion	Ratio	Lower	Upper
164	100		
162	96.3	85.1	127.7
160	48.1	34.7	52.1

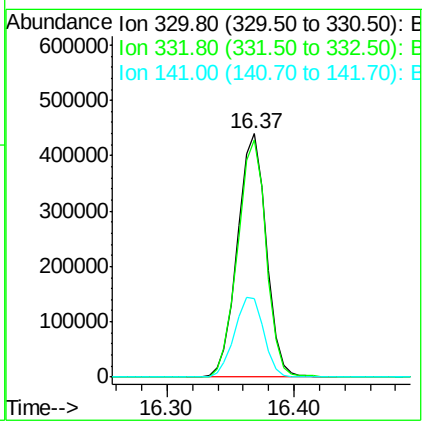


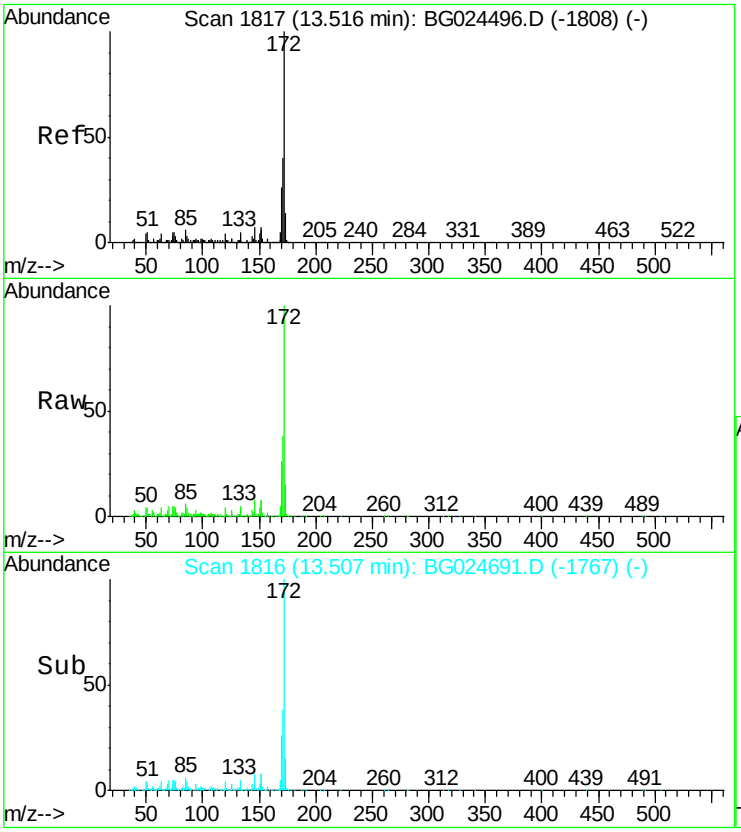


#41
2,4,6-Tribromophenol
Concen: 144.30 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:330 Resp: 691453

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.0	32.1	48.1



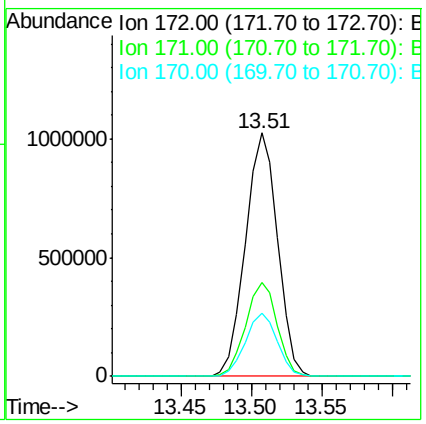


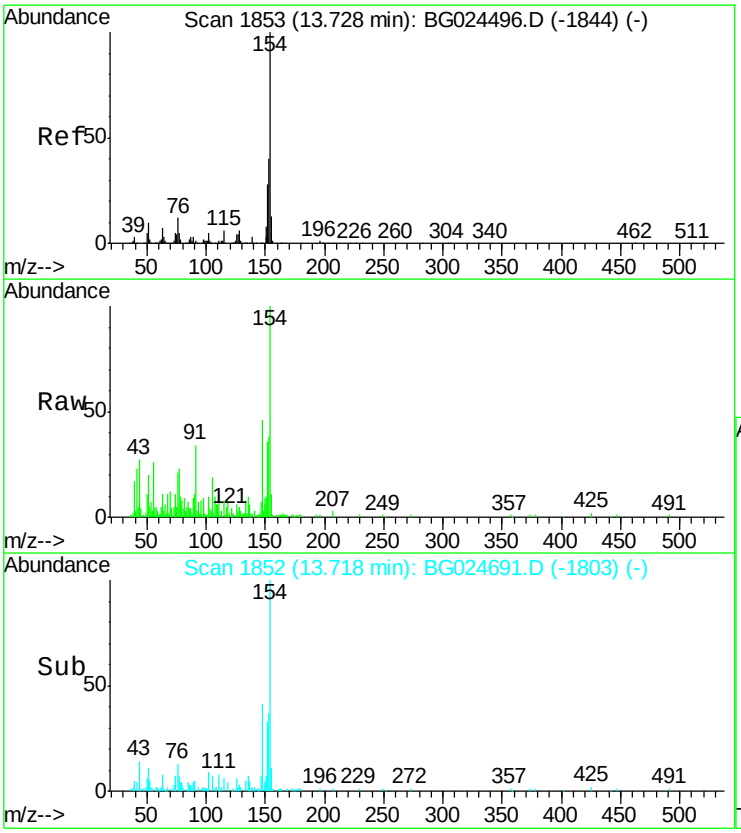
#44
2-Fluorobiphenyl
Concen: 84.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:172 Resp: 1638403

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.9	21.8	32.6

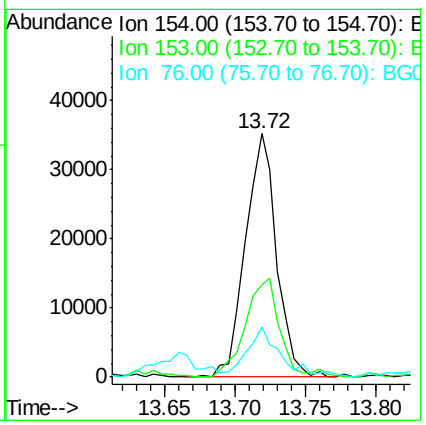


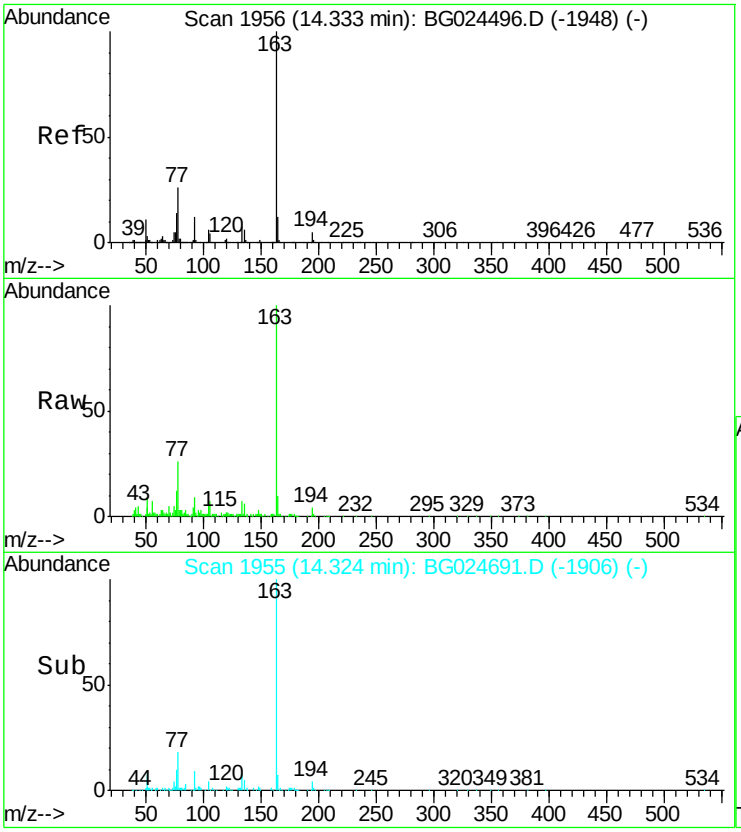


#45
1,1'-Biphenyl
Concen: 2.45 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:154 Resp: 54424

Ion	Ratio	Lower	Upper
154	100		
153	38.0	23.0	63.0
76	20.9	0.0	33.5



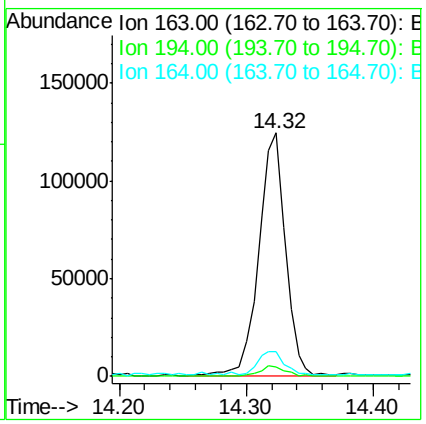


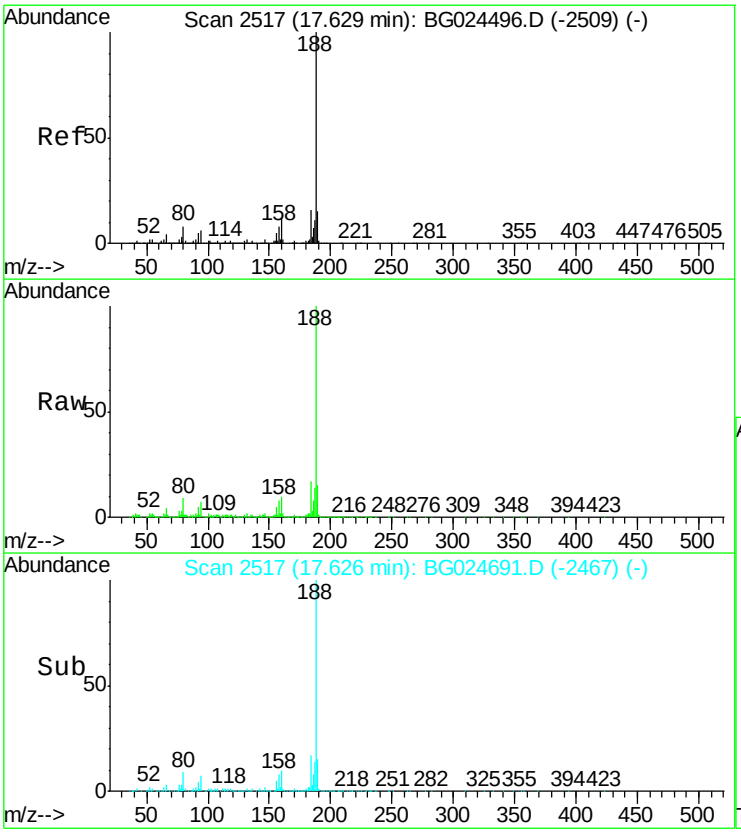
#49
Dimethylphthalate
Concen: 8.01 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:163 Resp: 182393

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	10.2	9.3	13.9

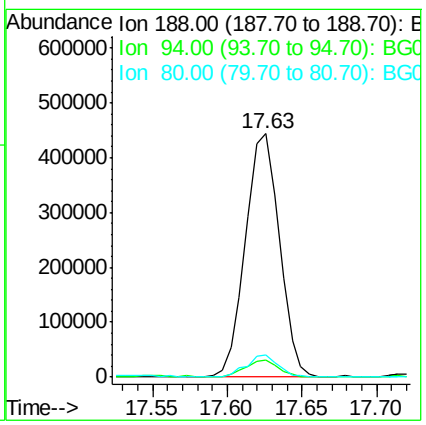


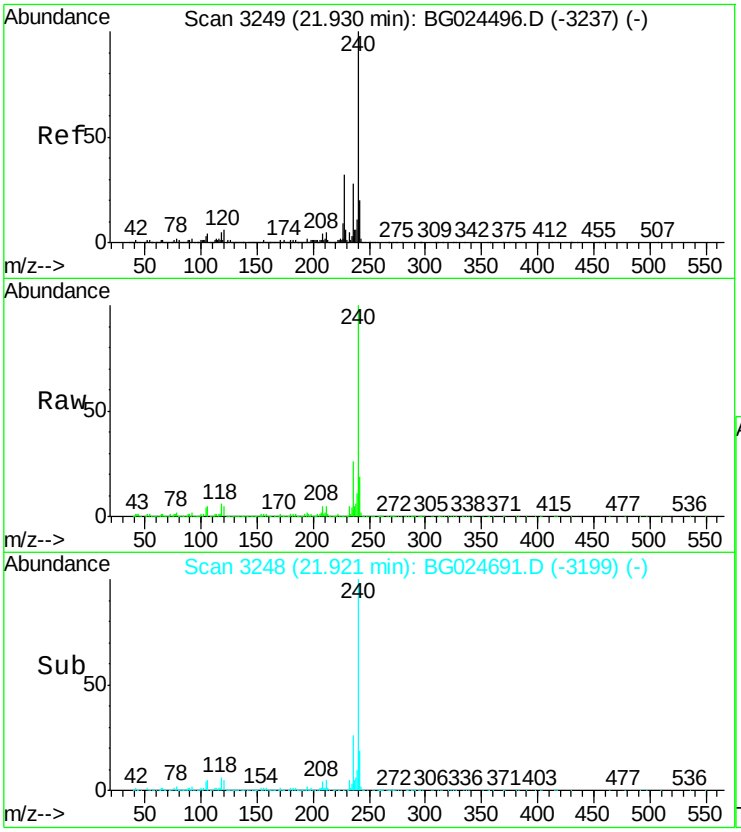


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:188 Resp: 697802

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	9.2	7.5	11.3



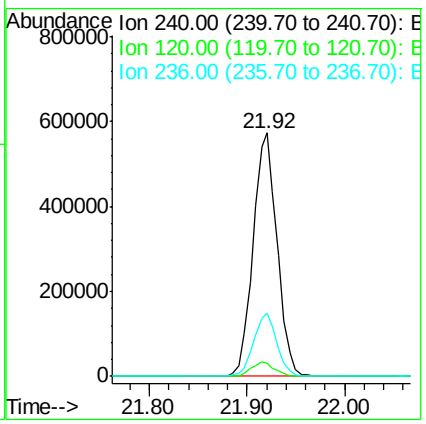


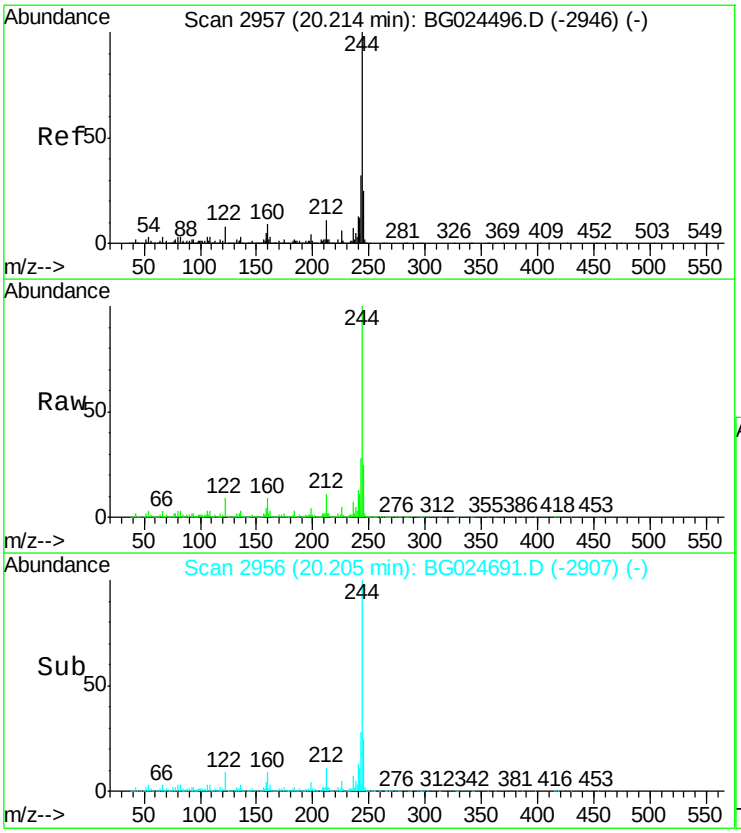
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:240 Resp: 992168

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	26.0	22.2	33.4

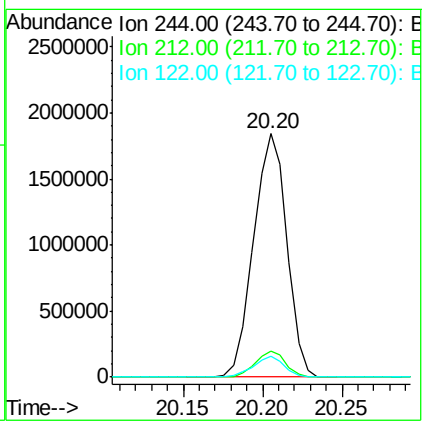


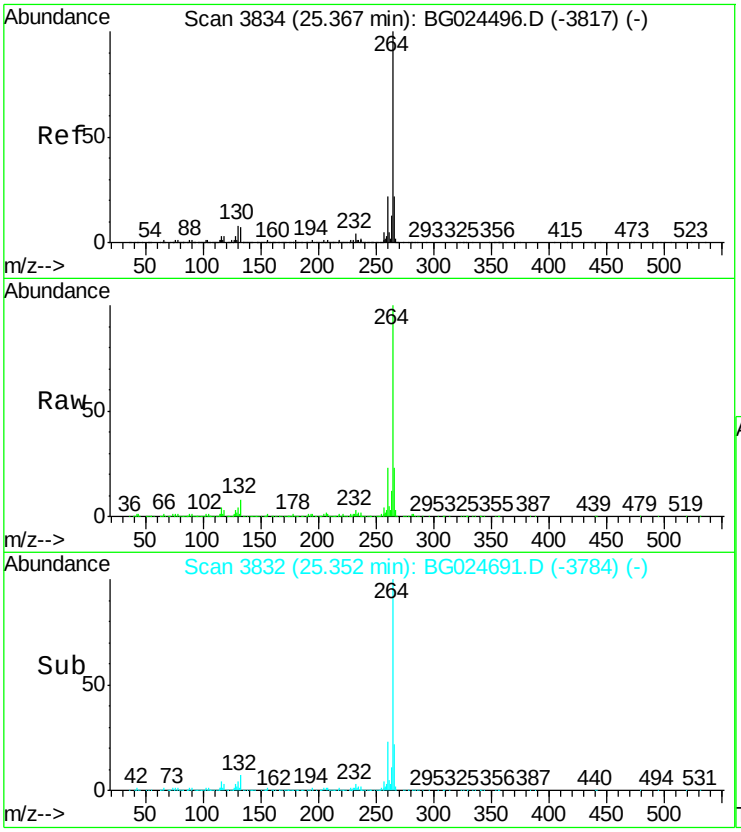


#78
Terphenyl-d14
Concen: 80.82 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Tgt Ion:244 Resp: 2683572

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	8.6	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BG024691.D
Acq: 5 Nov 2016 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0014

Tgt Ion:264 Resp: 1017547

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	22.6	18.2	27.4