Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024690.D
Acq On : 5 Nov 2016 00:31
Operator : UM/SJ
Sample : H5531-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0013

Quant Time: Nov 05 00:32:17 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	94204	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	376076	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	307793	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	670674	20.00	ng		0.00
75) Chrysene-d12	21.92	240	971798	20.00	ng		-0.01
86) Perylene-d12	25.35	264	1003079	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	526740	91.64	ng		0.00
7) Phenol-d6	7.41	99	483445	61.32	ng		0.00
23) Nitrobenzene-d5	9.44	82	814554	98.61	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	700883	152.42	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1667169	90.03	ng		0.00
78) Terphenyl-d14	20.20	244	2910877	89.50	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.99	42	9170	2.52	ng	#	8
9) Benzaldehyde	7.39	77	225530	46.29	ng	#	1
10) Phenol	7.44	94	19331	2.38	ng	#	75
15) Benzyl Alcohol	8.59	79	16173	2.21	ng	#	77
17) 2-Methylphenol	8.95	107	325418	60.43	ng	#	21
18) Hexachloroethane	9.37	117	110048	40.06	ng	#	1
20) 3+4-Methylphenols	9.02	107	24146	3.34	ng		82
22) Acetophenone	9.09	105	1387367	143.62	ng	#	92
24) Nitrobenzene	9.46	77	25437	2.77	ng	#	9
27) 2,4-Dimethylphenol	10.24	122	75955	12.72	ng		87
31) Naphthalene	11.15	128	2302469	122.74	ng		97
32) Benzoic acid	10.41	122	246420	49.56	ng		90
33) 4-Chloroaniline	11.15	127	346384	42.53	ng	#	29
37) 2-Methylnaphthalene	12.73	142	648769	47.40	ng		99
45) 1,1'-Biphenyl	13.72	154	62288	2.92	ng		91
49) Dimethylphthalate	14.32	163	109881	5.03	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024690.D
Acq On : 5 Nov 2016 00:31
Operator : UM/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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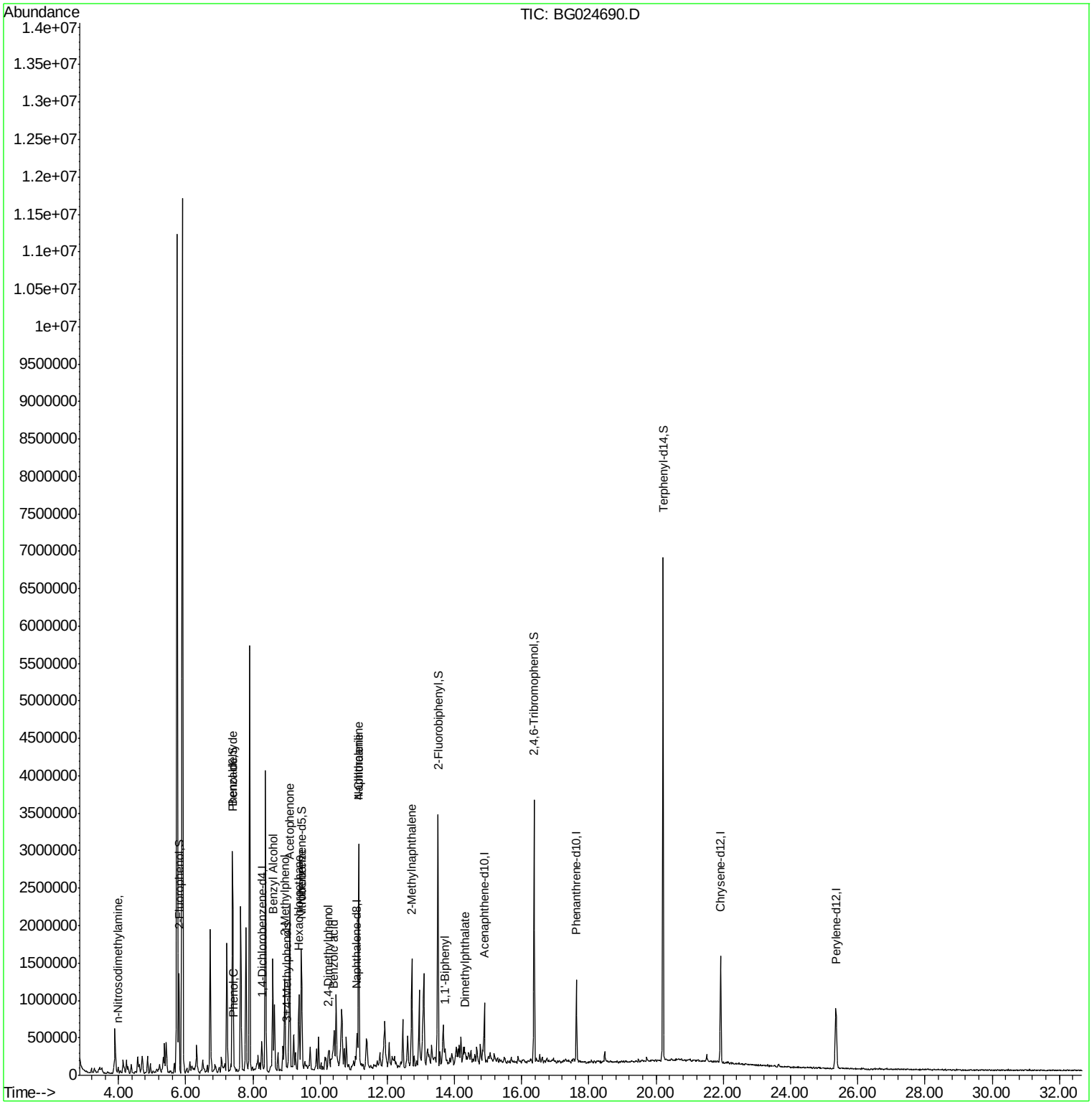
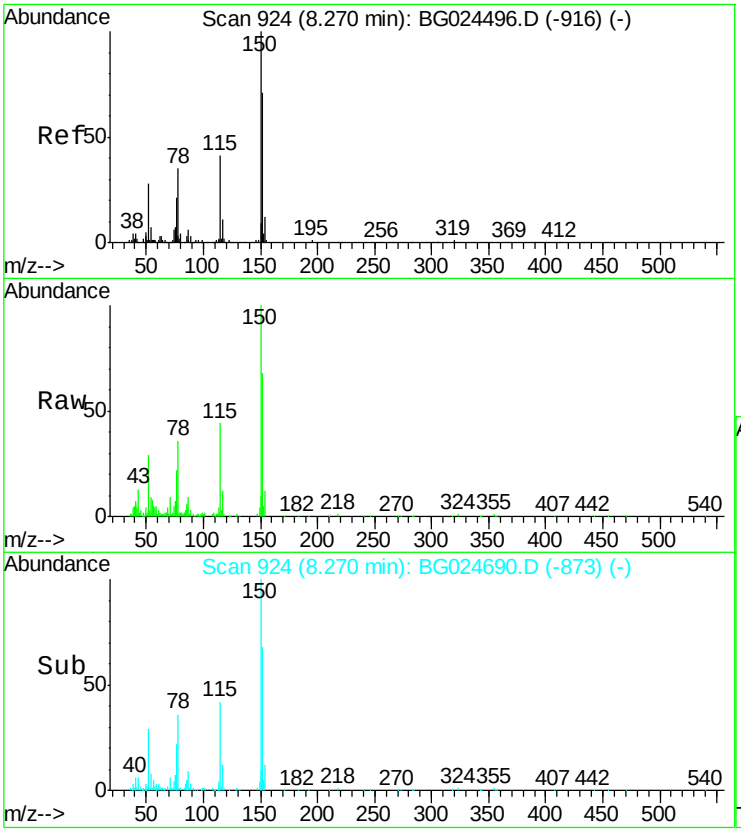
Quant Time: Nov 05 00:32:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration



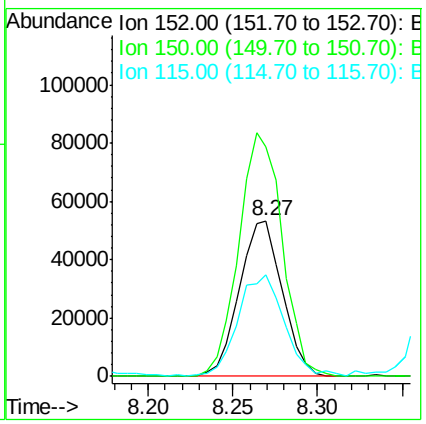


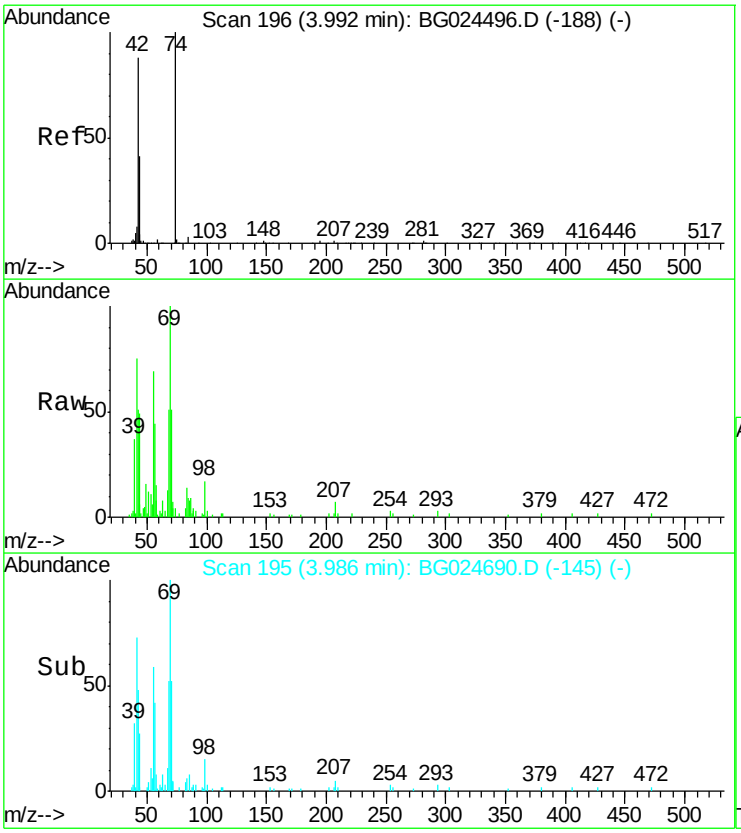
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:152 Resp: 94204

Ion	Ratio	Lower	Upper
152	100		
150	147.9	114.0	171.0
115	65.7	48.1	72.1

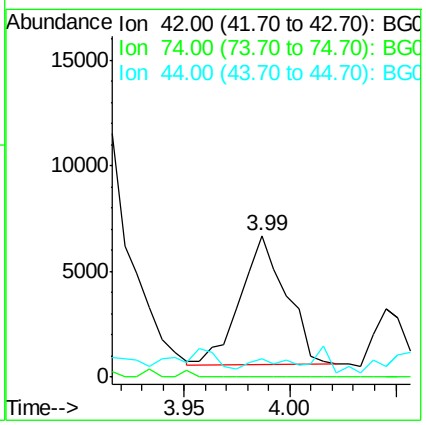


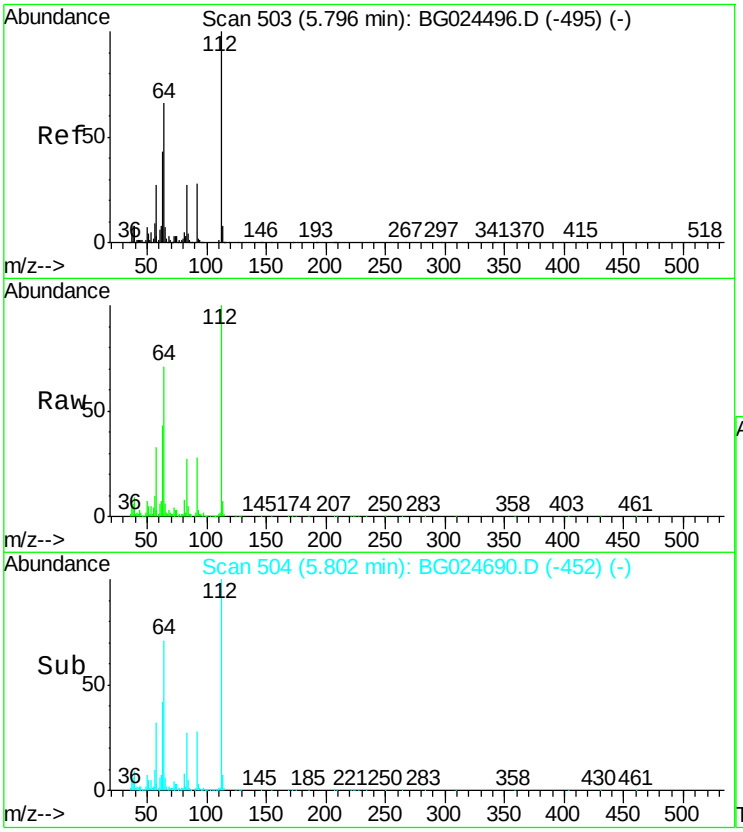


#4
n-Nitrosodimethylamine
Concen: 2.52 ng
RT: 3.99 min Scan# 195
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion: 42 Resp: 9170

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	12.6	6.1	9.1#



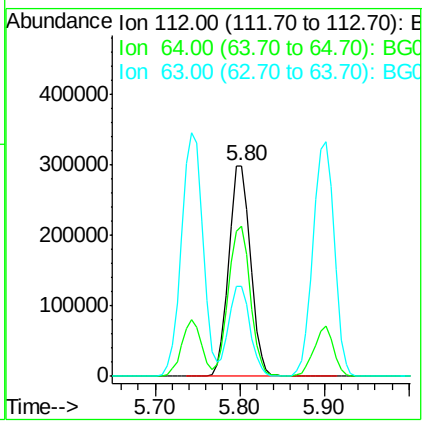


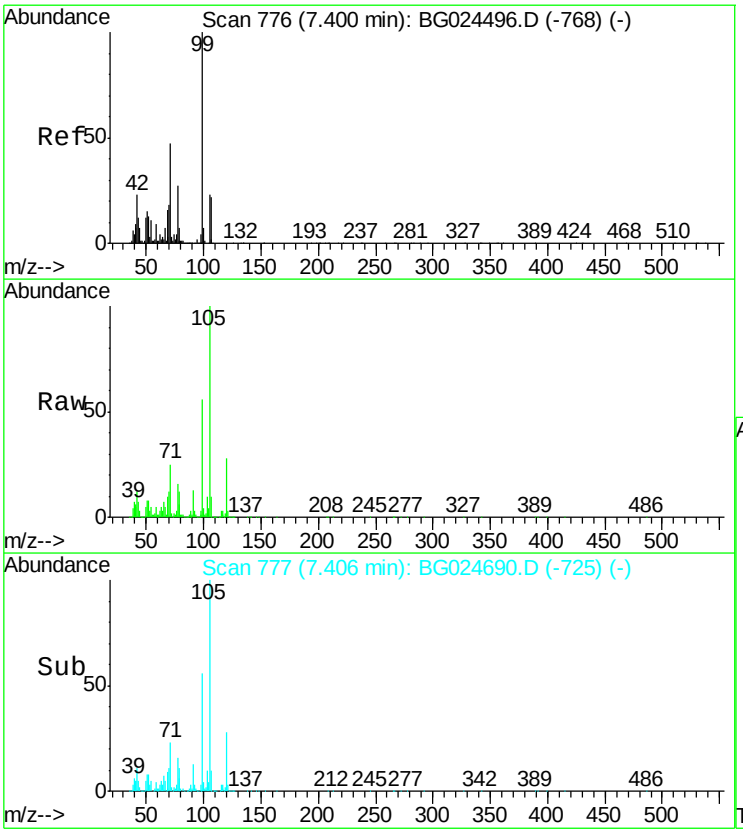
#5
2-Fluorophenol
Concen: 91.64 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:112 Resp: 526740

Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.8	92.6
63	42.6	37.2	55.8

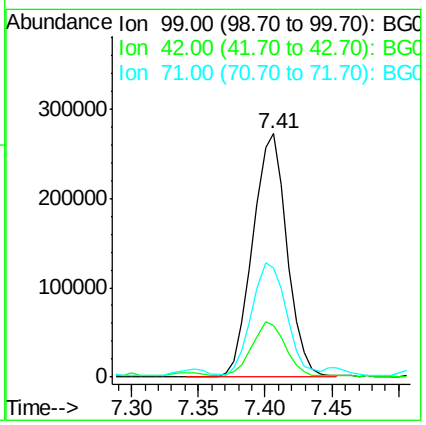


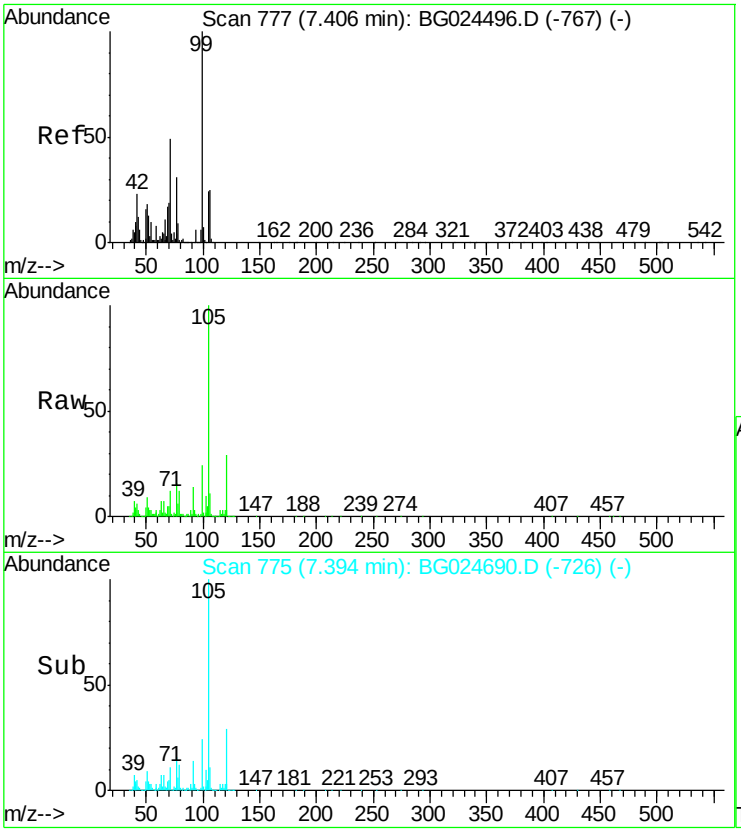


#7
Phenol-d6
Concen: 61.32 ng
RT: 7.41 min Scan# 777
Delta R.T. 0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion: 99 Resp: 483445

Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.5	30.7
71	45.0	37.6	56.4



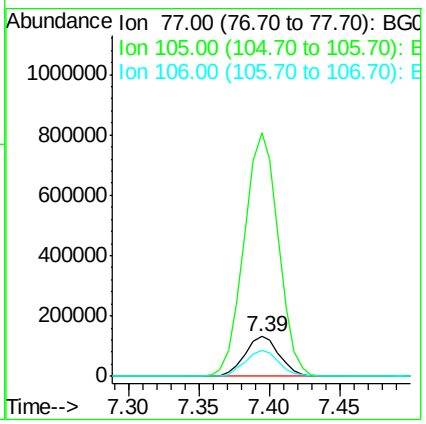


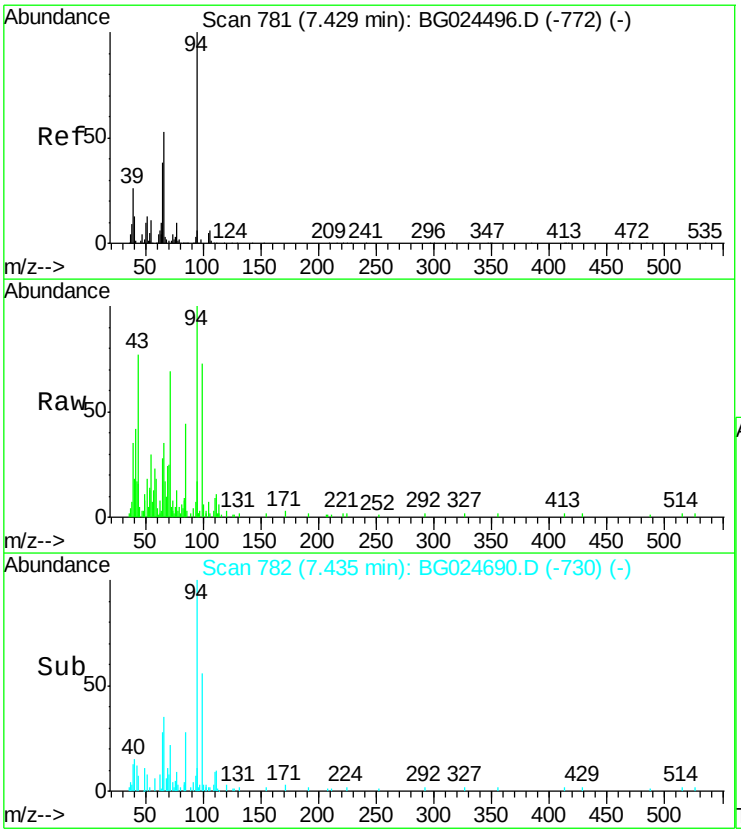
#9
Benzaldehyde
Concen: 46.29 ng
RT: 7.39 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion: 77 Resp: 225530

Ion	Ratio	Lower	Upper
77	100		
105	614.2	60.9	100.9#
106	65.4	55.1	95.1

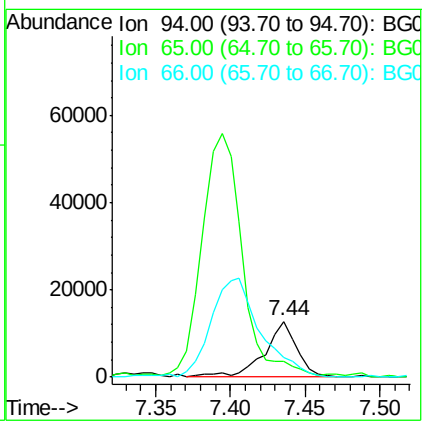


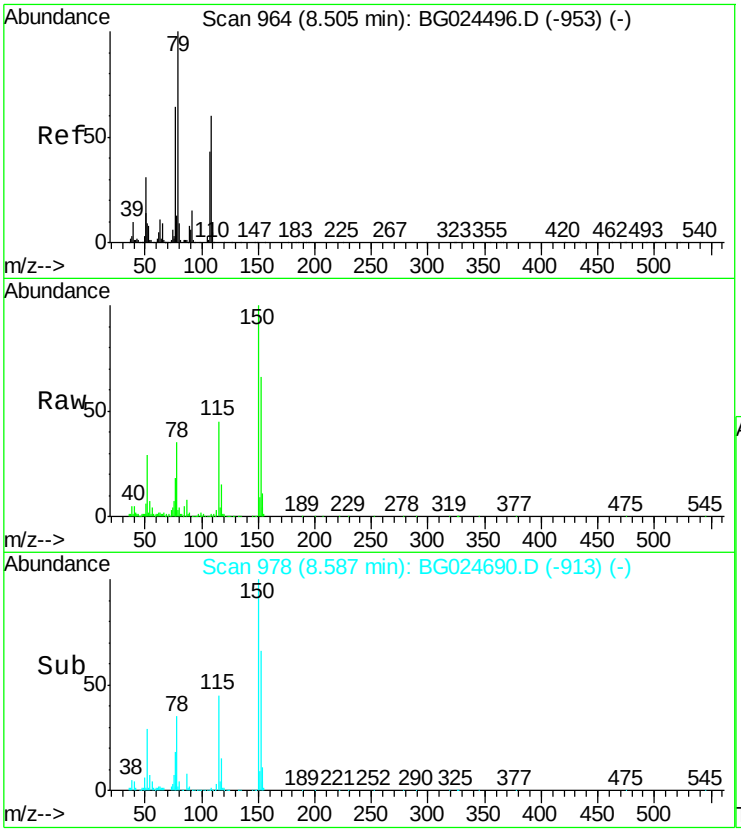


#10
Phenol
Concen: 2.38 ng
RT: 7.44 min Scan# 782
Delta R.T. 0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion: 94 Resp: 19331

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.6	60.6
66	35.1	35.5	75.5#



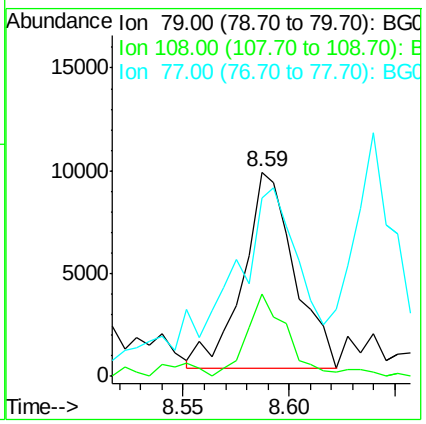


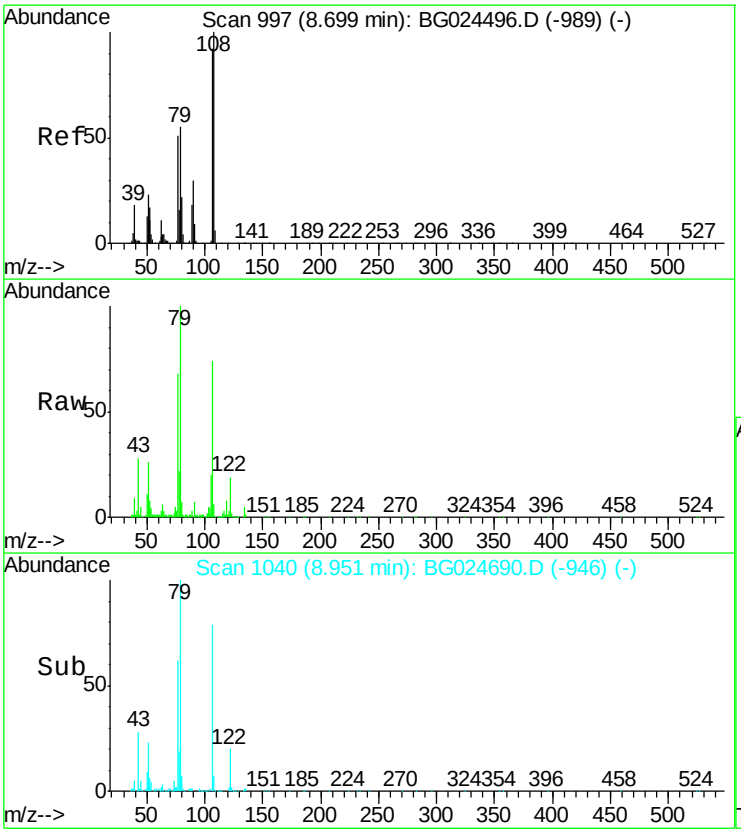
#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 8.59 min Scan# 978
Delta R.T. 0.08 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion: 79 Resp: 16173

Ion	Ratio	Lower	Upper
79	100		
108	40.1	45.5	68.3#
77	87.2	54.3	81.5#

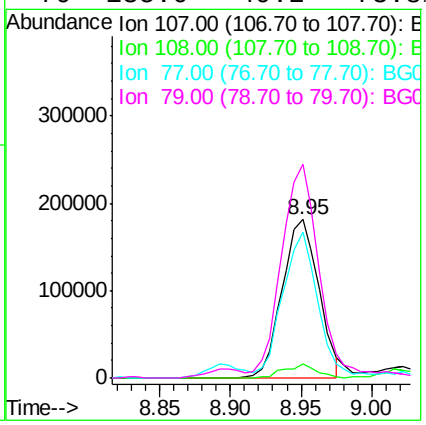


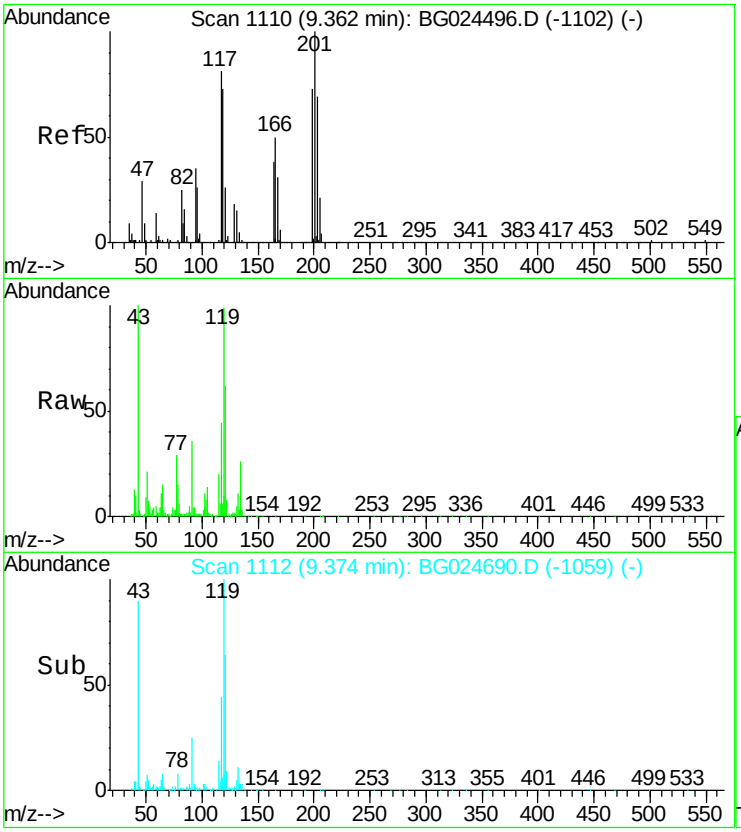


#17
2-Methylphenol
Concen: 60.43 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.25 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:107 Resp: 325418

Ion	Ratio	Lower	Upper
107	100		
108	8.6	85.6	128.4#
77	91.9	51.4	77.2#
79	135.0	49.2	73.8#



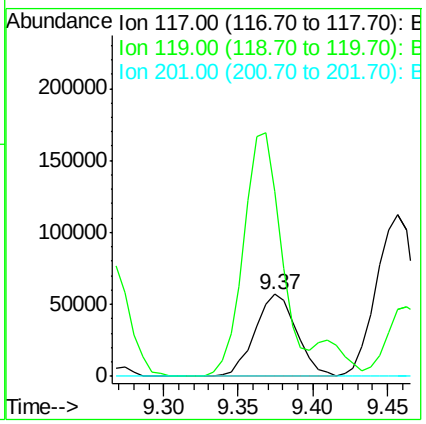


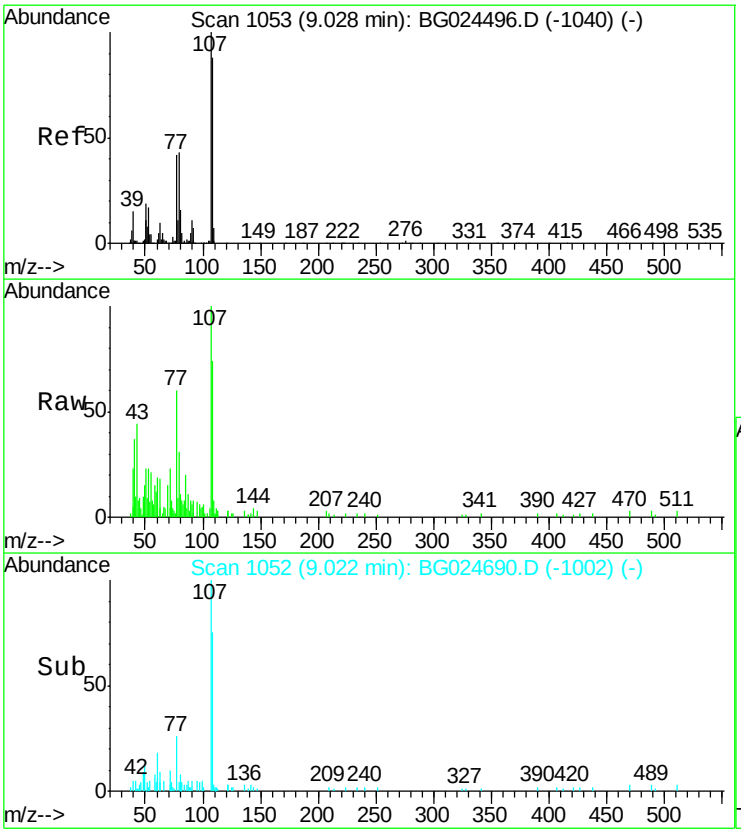
#18
Hexachloroethane
Concen: 40.06 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:117 Resp: 110048

Ion	Ratio	Lower	Upper
117	100		
119	225.3	69.8	104.6#
201	0.0	95.4	143.0#

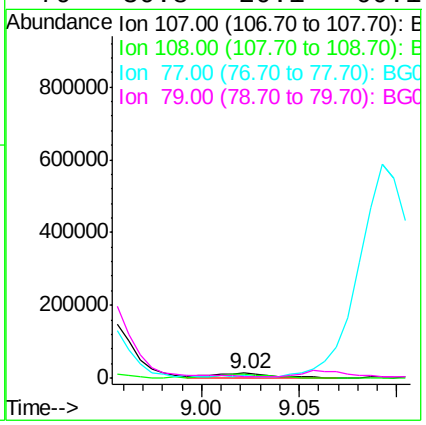


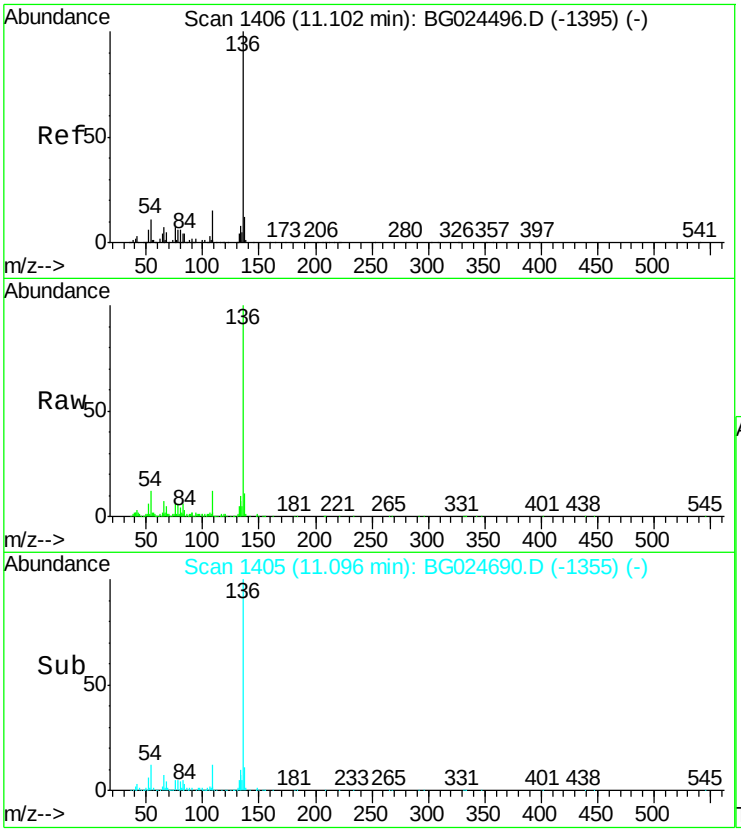


#20
3+4-Methylphenols
Concen: 3.34 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:107 Resp: 24146

Ion	Ratio	Lower	Upper
107	100		
108	74.1	70.8	110.8
77	59.8	25.8	65.8
79	30.8	20.1	60.1



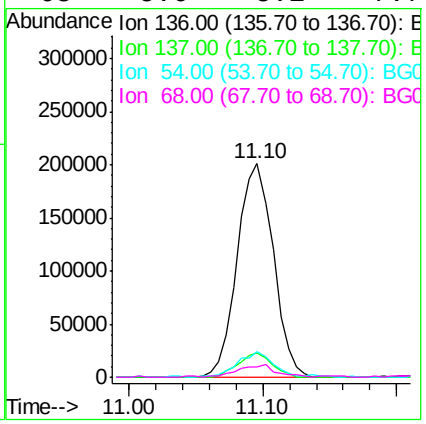


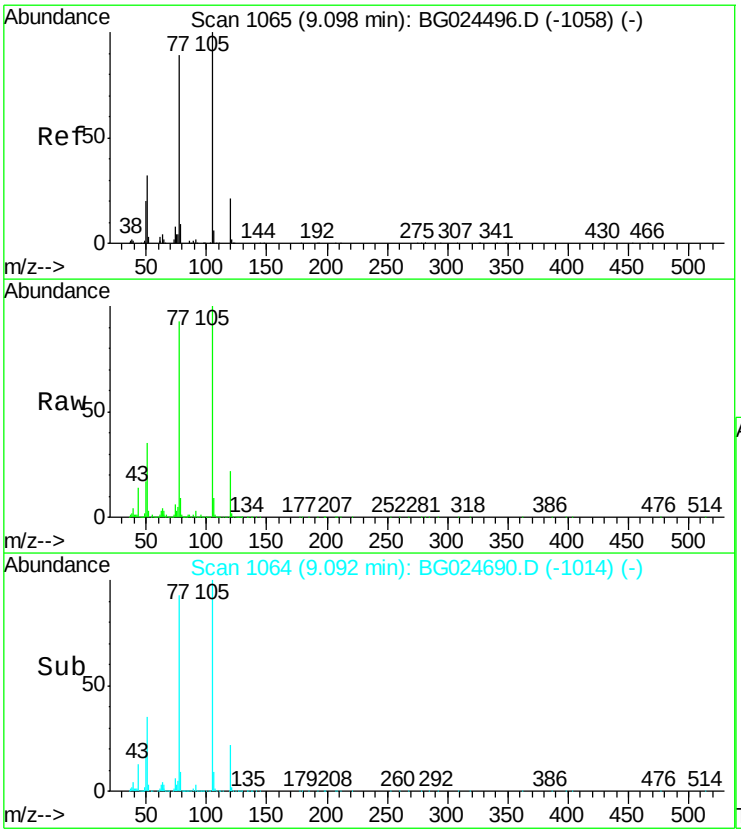
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:136 Resp: 376076

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.9	9.3	13.9
68	5.6	5.1	7.7

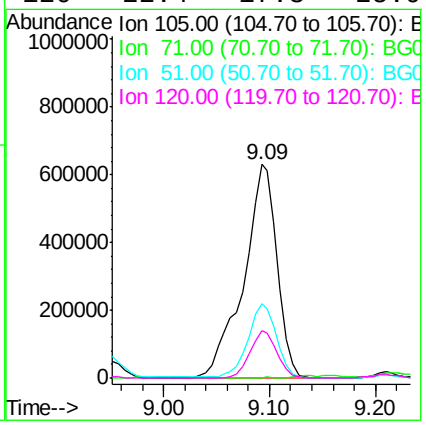


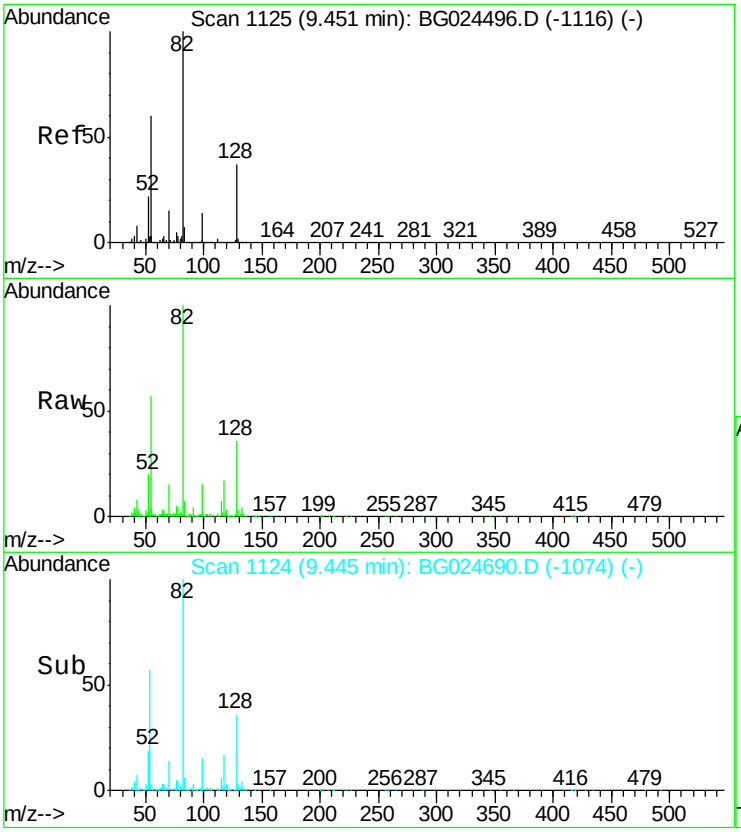


#22
Acetophenone
Concen: 143.62 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:105 Resp: 1387367

Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.9	1.3#
51	35.0	34.0	51.0
120	22.4	17.3	25.9



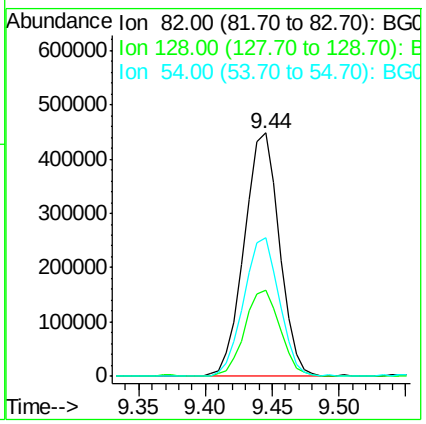


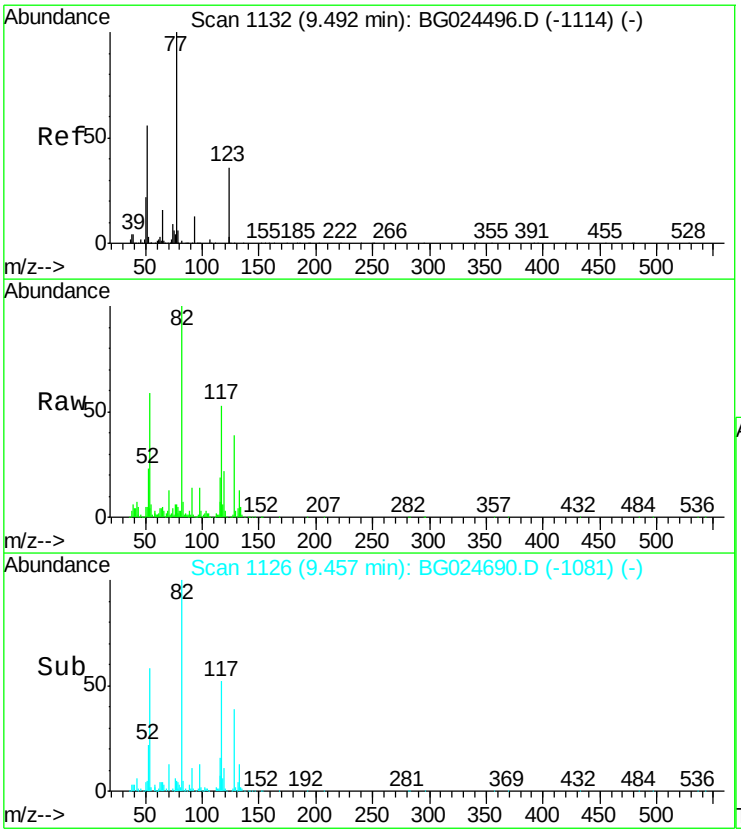
#23
Nitrobenzene-d5
Concen: 98.61 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion: 82 Resp: 814554

Ion	Ratio	Lower	Upper
82	100		
128	35.5	26.4	39.6
54	57.1	49.4	74.2

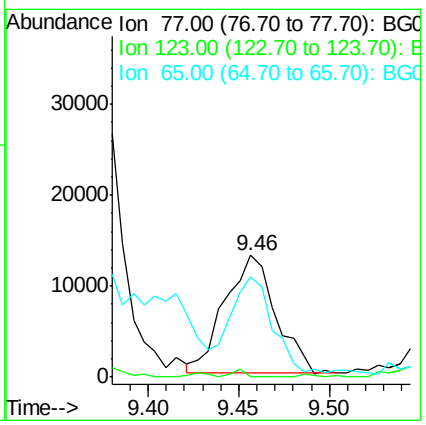


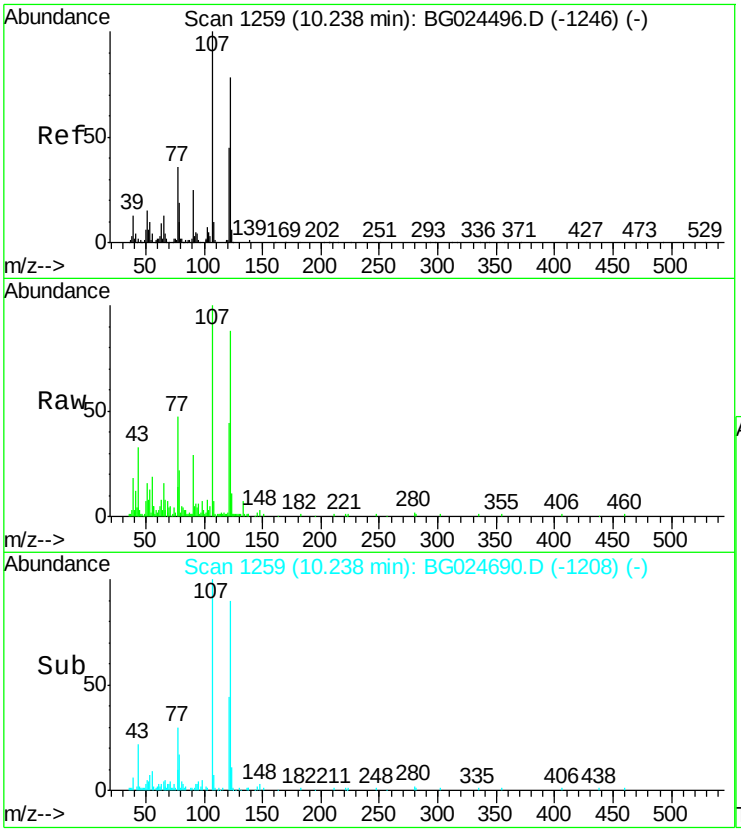


#24
Nitrobenzene
Concen: 2.77 ng
RT: 9.46 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion: 77 Resp: 25437

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	82.7	12.4	18.6#



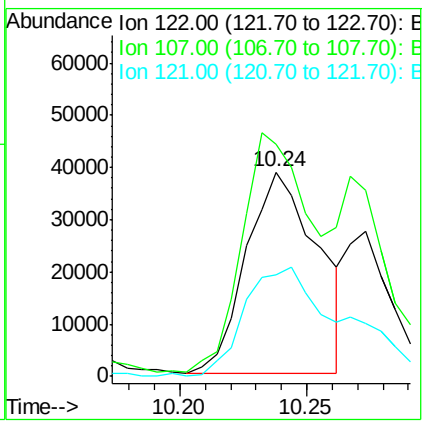


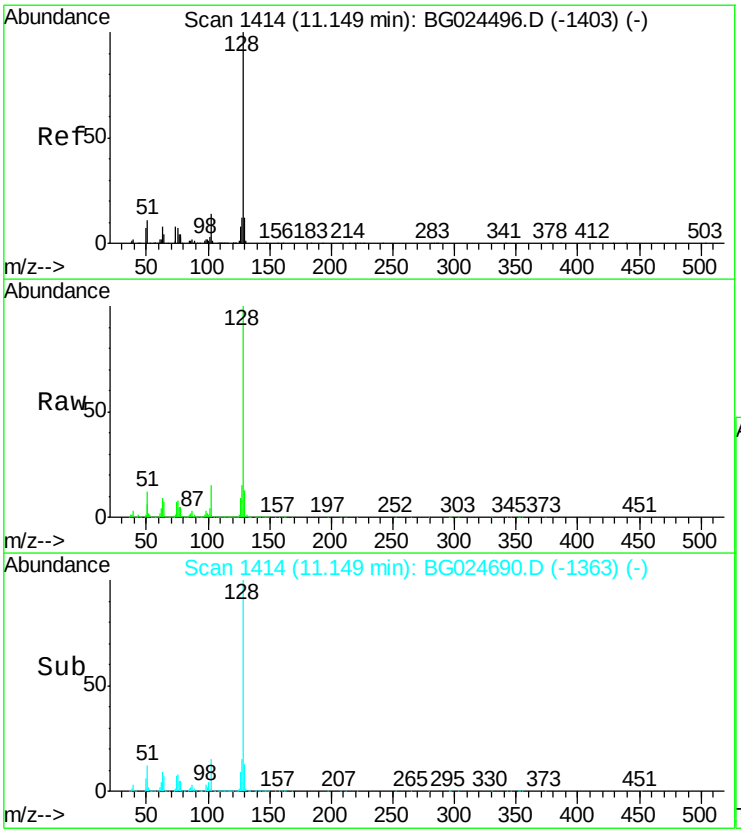
#27
2,4-Dimethylphenol
Concen: 12.72 ng
RT: 10.24 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:122 Resp: 75955

Ion	Ratio	Lower	Upper
122	100		
107	113.9	104.2	156.4
121	49.6	46.0	69.0

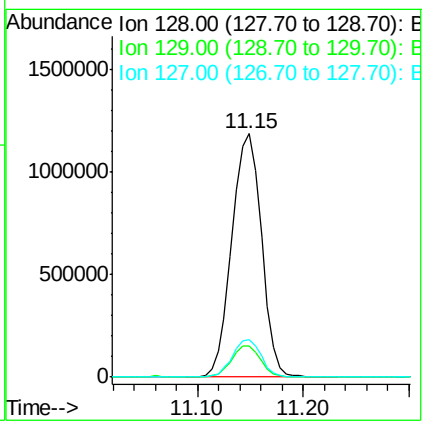


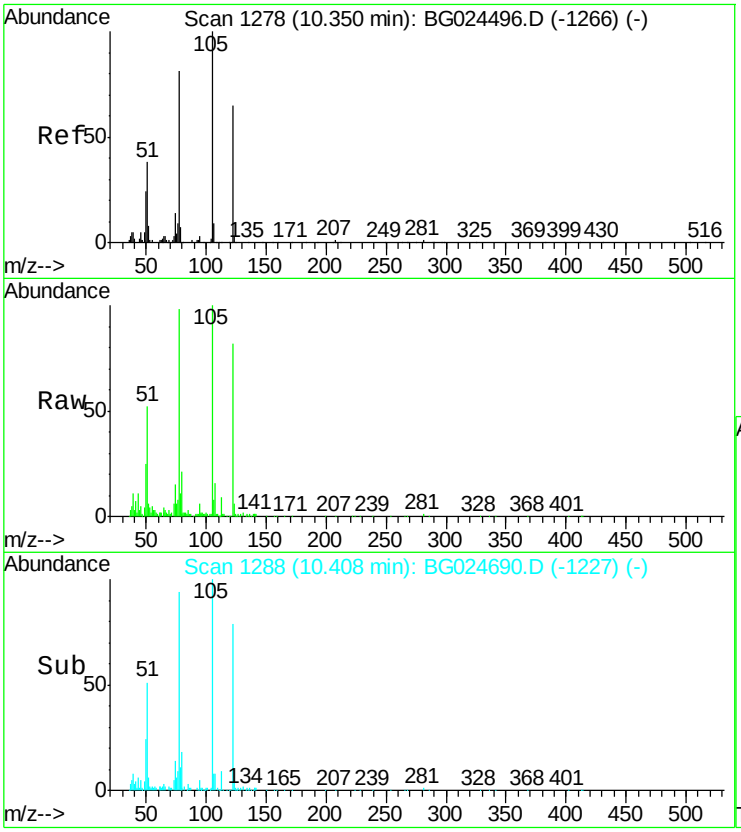


#31
Naphthalene
Concen: 122.74 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:128 Resp: 2302469

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	15.3	11.4	17.0



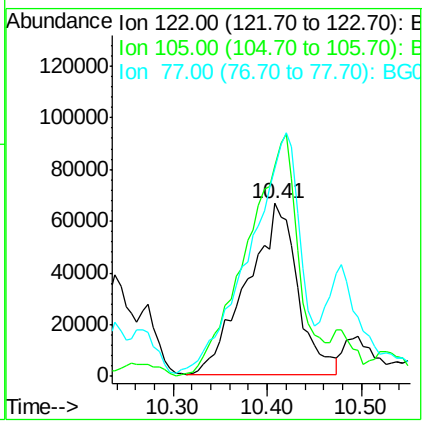


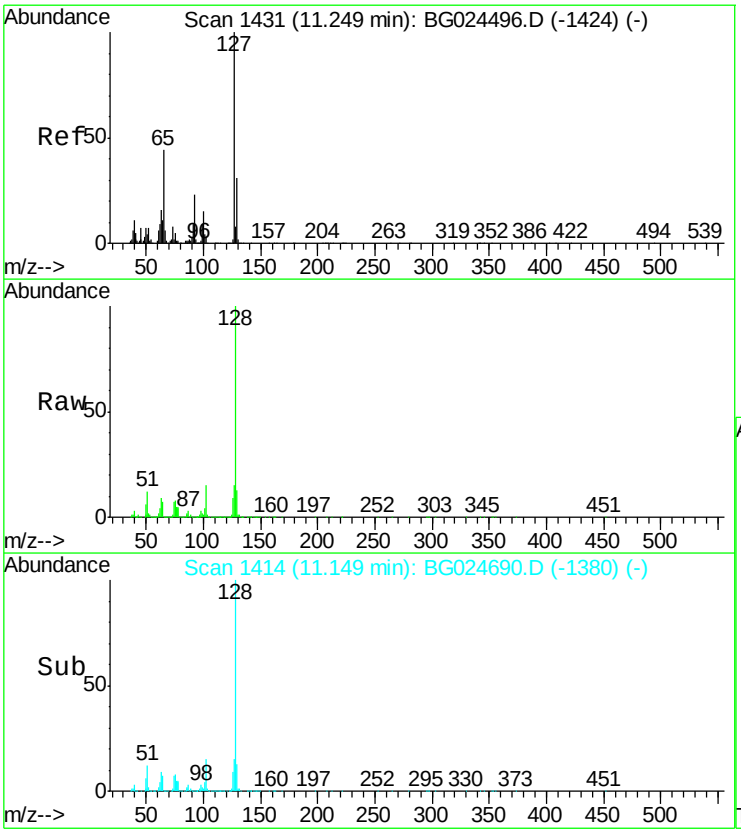
#32
Benzoic acid
Concen: 49.56 ng
RT: 10.41 min Scan# 1288
Delta R.T. 0.06 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:122 Resp: 246420

Ion	Ratio	Lower	Upper
122	100		
105	121.7	120.1	160.1
77	119.8	104.6	144.6

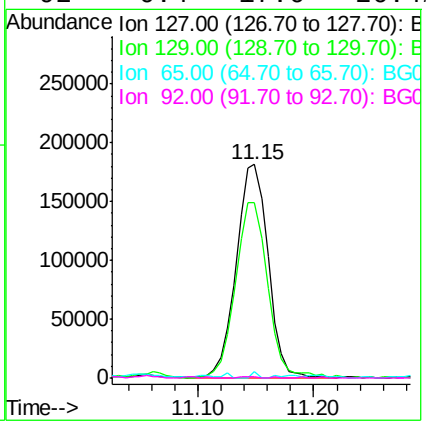


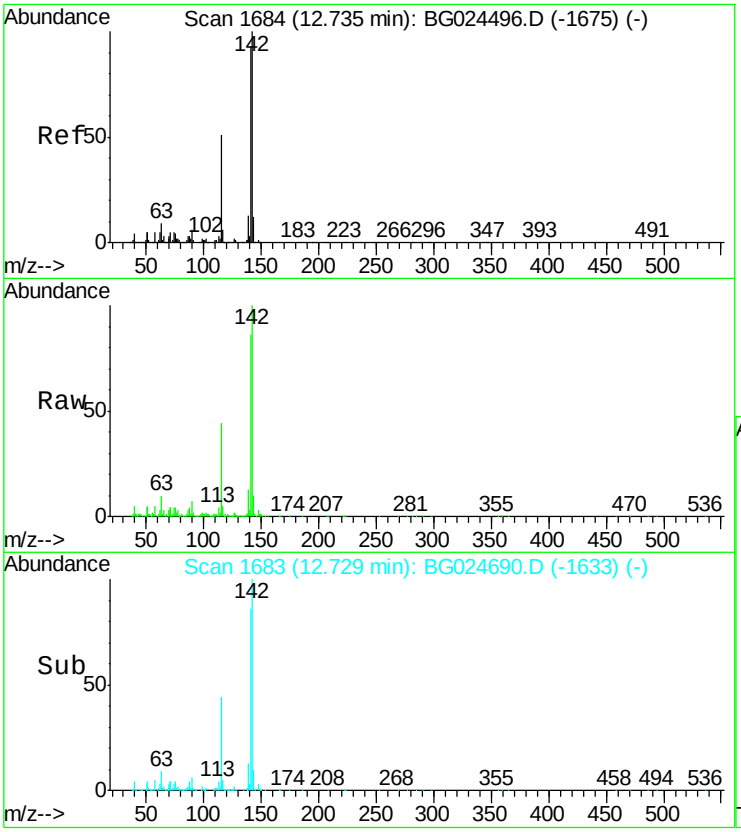


#33
4-Chloroaniline
Concen: 42.53 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.10 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:127 Resp: 346384

Ion	Ratio	Lower	Upper
127	100		
129	82.1	23.6	35.4#
65	2.9	37.7	56.5#
92	0.4	17.6	26.4#



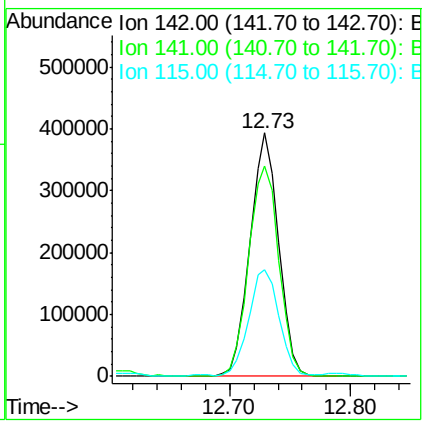


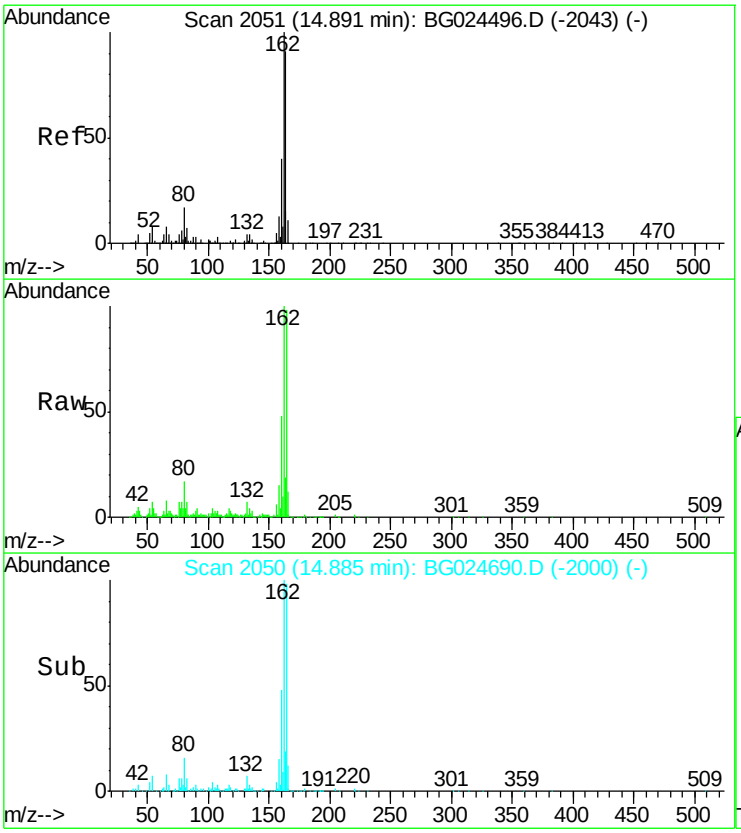
#37
2-Methylnaphthalene
Concen: 47.40 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:142 Resp: 648769

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.4	105.6
115	43.9	35.5	53.3

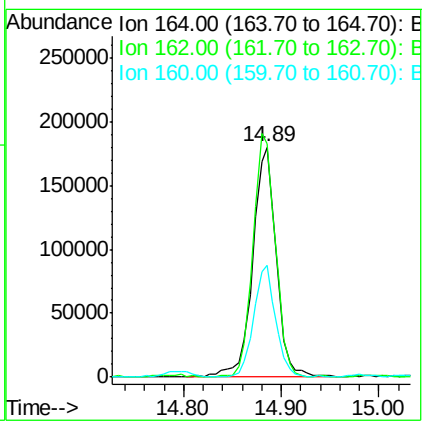


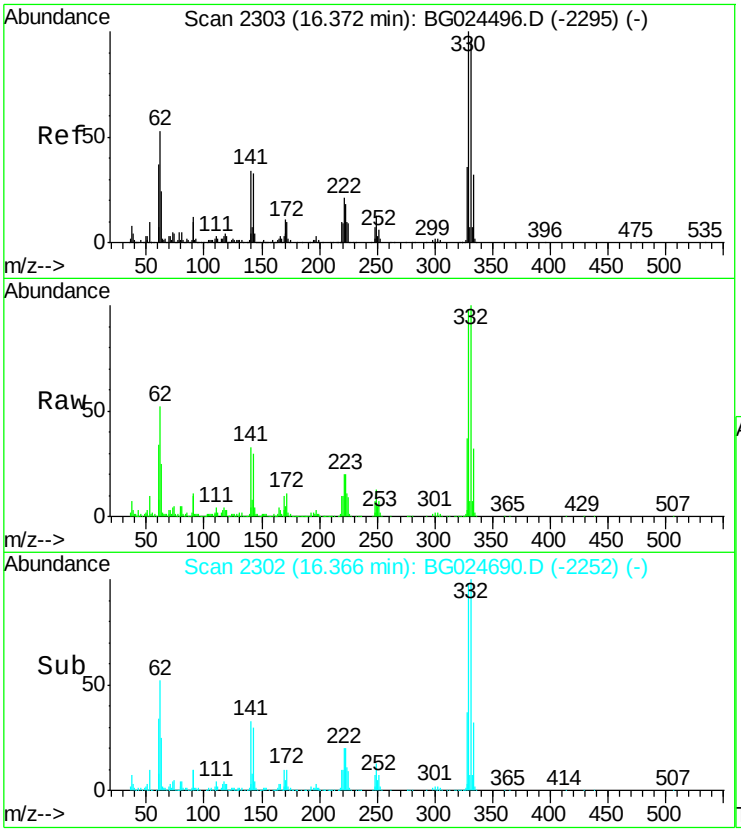


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:164 Resp: 307793

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	48.8	34.7	52.1



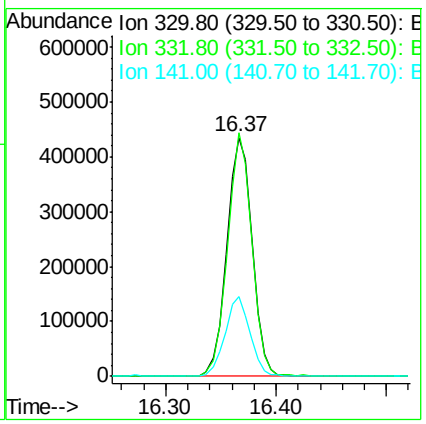


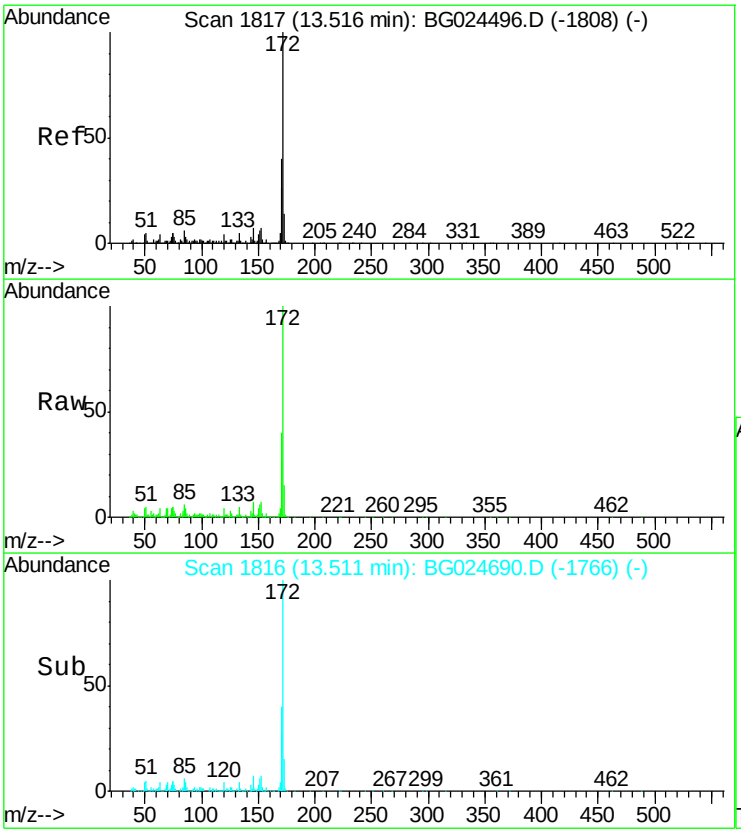
#41
2,4,6-Tribromophenol
Concen: 152.42 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:330 Resp: 700883

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.7	32.1	48.1

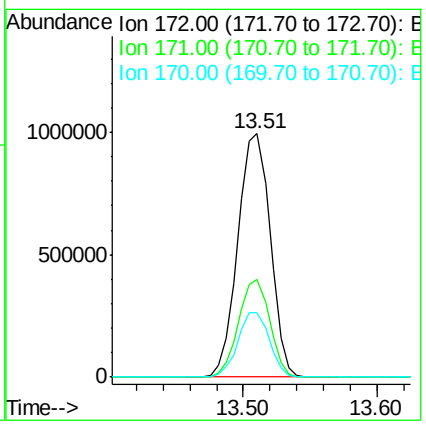


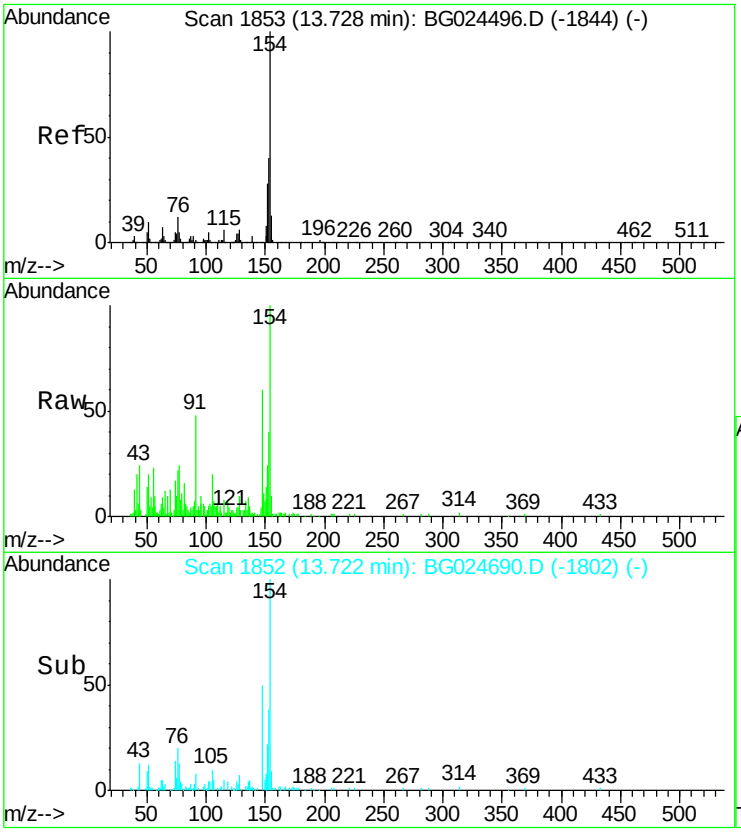


#44
2-Fluorobiphenyl
Concen: 90.03 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:172 Resp: 1667169

Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	26.5	21.8	32.6



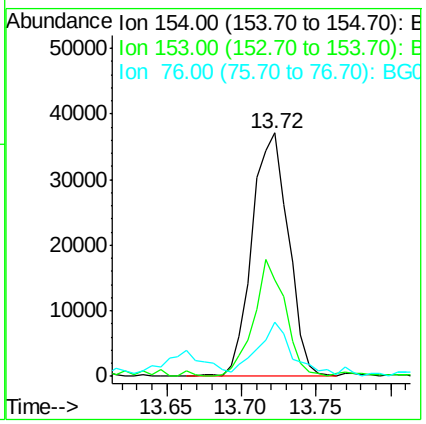


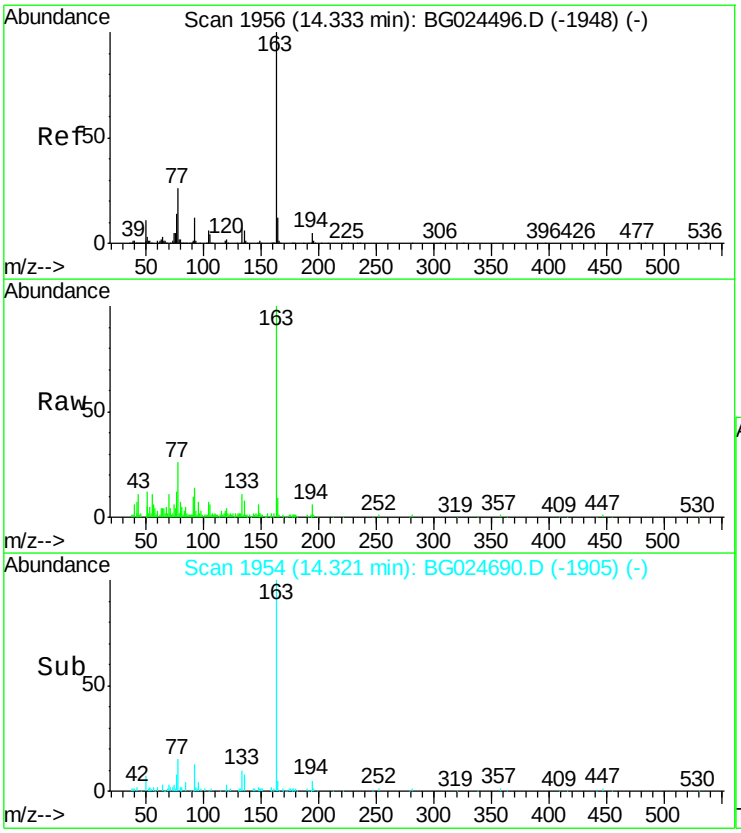
#45
1,1'-Biphenyl
Concen: 2.92 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:154 Resp: 62288

Ion	Ratio	Lower	Upper
154	100		
153	39.6	23.0	63.0
76	22.5	0.0	33.5

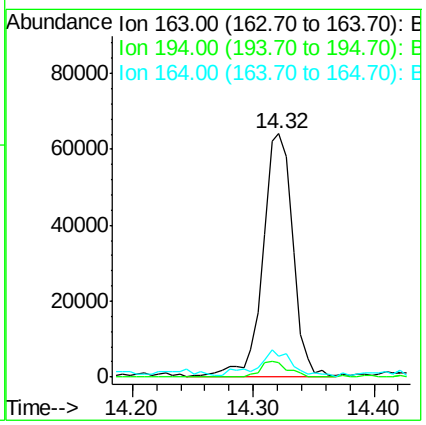


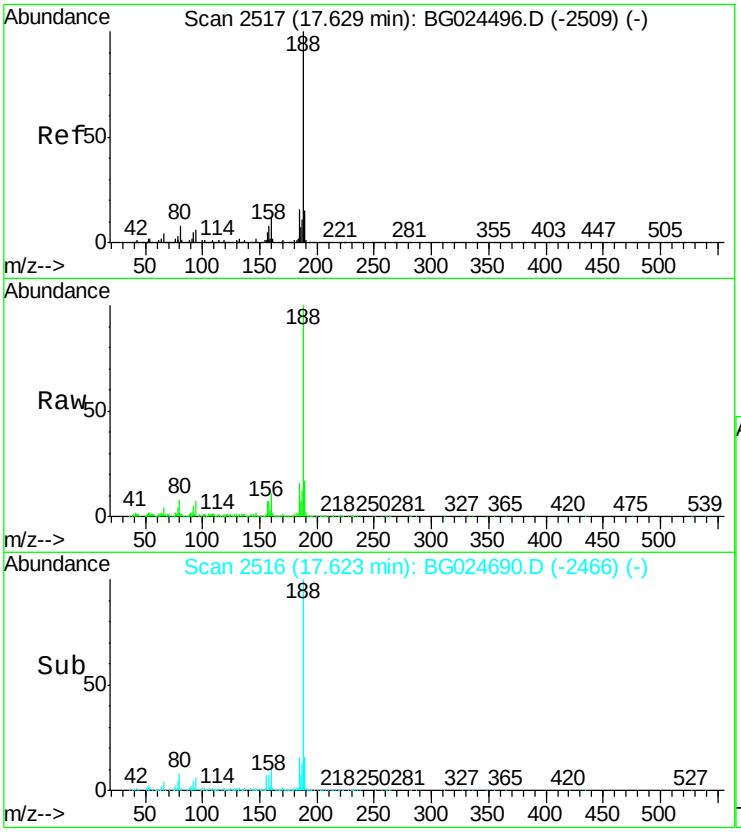


#49
Dimethylphthalate
Concen: 5.03 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:163 Resp: 109881

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.6#
164	8.8	9.3	13.9#



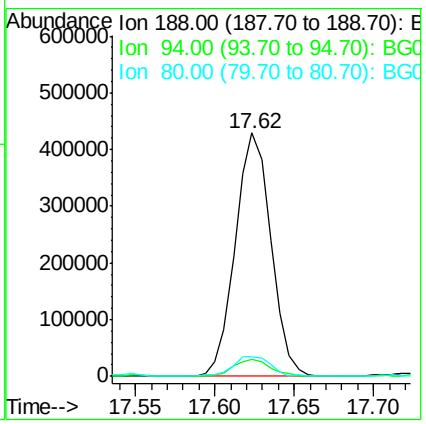


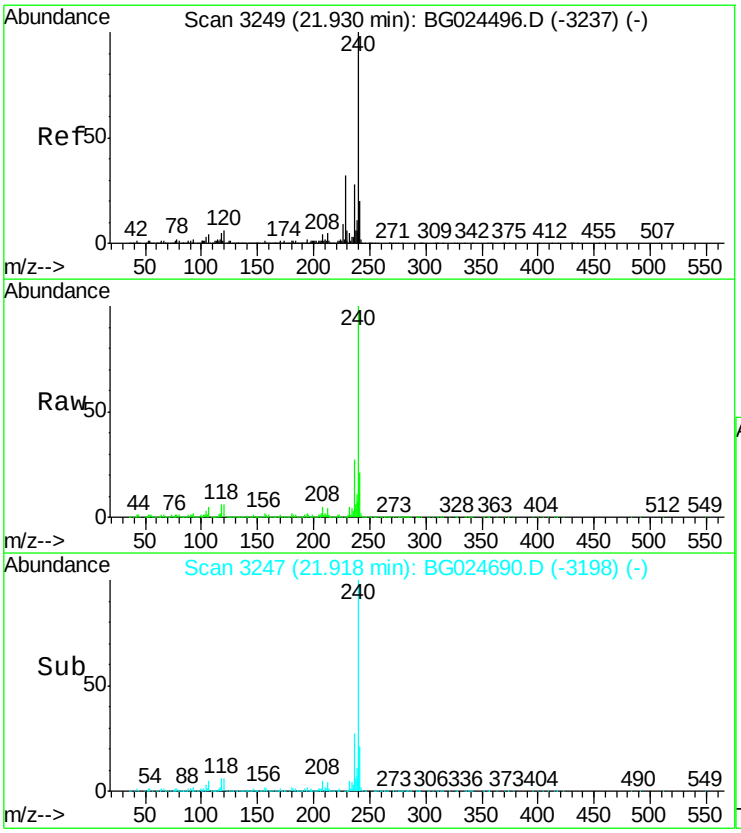
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:188 Resp: 670674

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	8.0	7.5	11.3

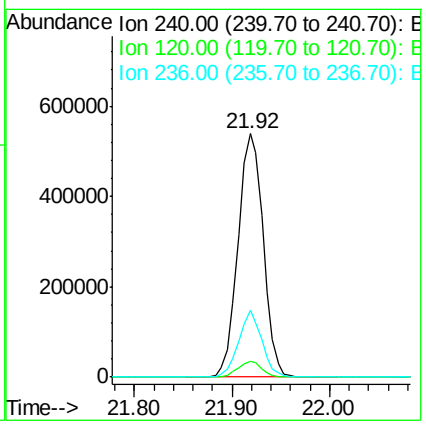


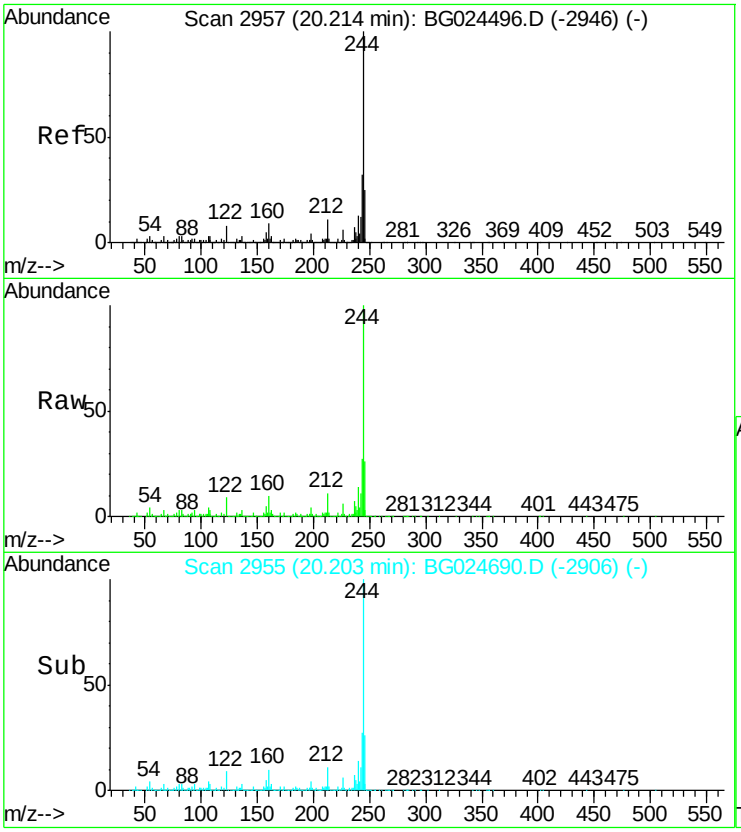


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:240 Resp: 971798

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.7	8.5
236	27.4	22.2	33.4



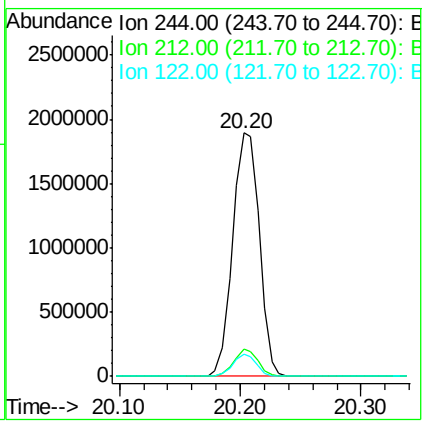


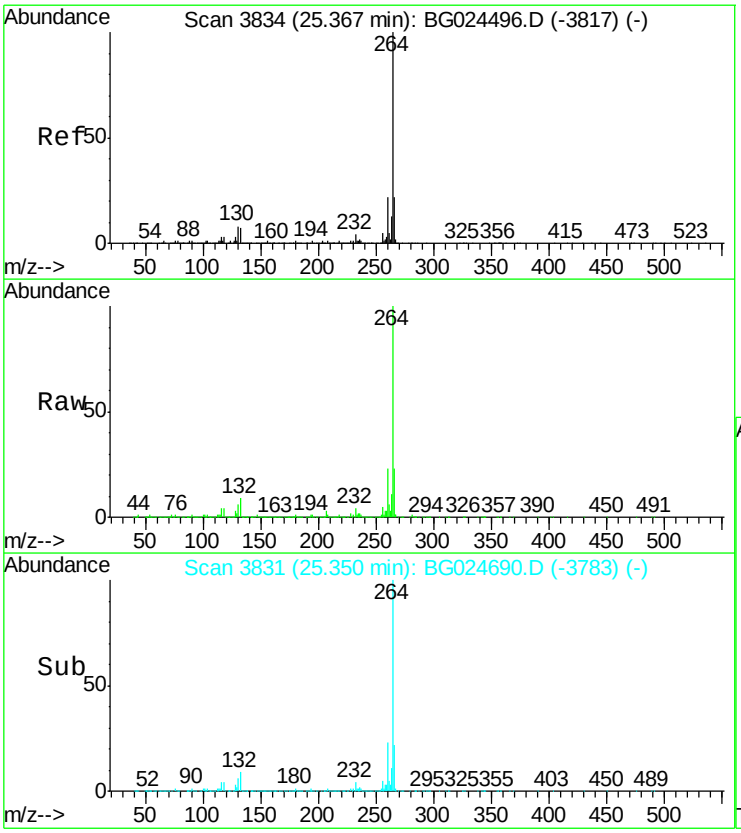
#78
Terphenyl-d14
Concen: 89.50 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Instrument :
BNA_G
ClientSampleId :
S22-0013

Tgt Ion:244 Resp: 2910877

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	9.2	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024690.D
Acq: 5 Nov 2016 00:31

Tgt Ion:264 Resp: 1003079

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.6	18.2	27.4