Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022713.D
Acq On : 30 Jun 2016 3:58
Operator : UM/SJ
Sample : H3828-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0579

Quant Time: Jun 30 14:01:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	118435	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	560538	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	554649	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	958122	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1045648	20.00	ng		0.00
86) Perylene-d12	25.22	264	1080568	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	458318	62.07	ng		0.00
7) Phenol-d6	7.33	99	541477	52.03	ng		0.03
23) Nitrobenzene-d5	9.34	82	1091351	82.40	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	880784	100.96	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	2213754	63.30	ng		0.00
78) Terphenyl-d14	20.16	244	2658501	67.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.30	77	1316620	359.46	ng	#	88
15) Benzyl Alcohol	8.41	79	186404	19.36	ng		94
17) 2-Methylphenol	8.63	107	31444	4.34	ng	#	86
20) 3+4-Methylphenols	8.95	107	60487	6.06	ng		97
22) Acetophenone	9.02	105	5802908	358.10	ng	#	67
27) 2,4-Dimethylphenol	10.17	122	310489	30.82	ng		91
31) Naphthalene	11.04	128	1260080	44.72	ng		98
37) 2-Methylnaphthalene	12.64	142	282340	12.92	ng		98

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

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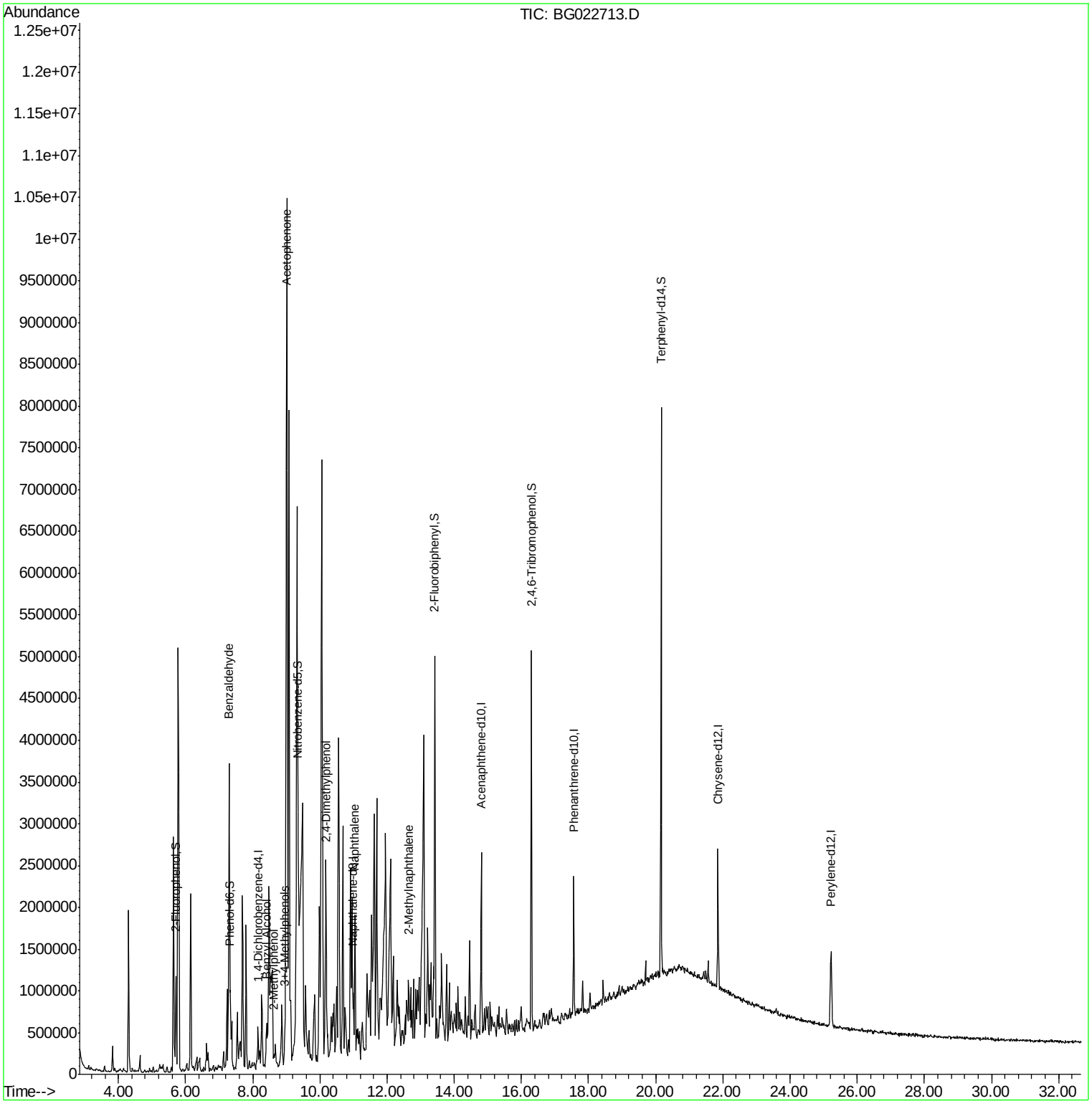
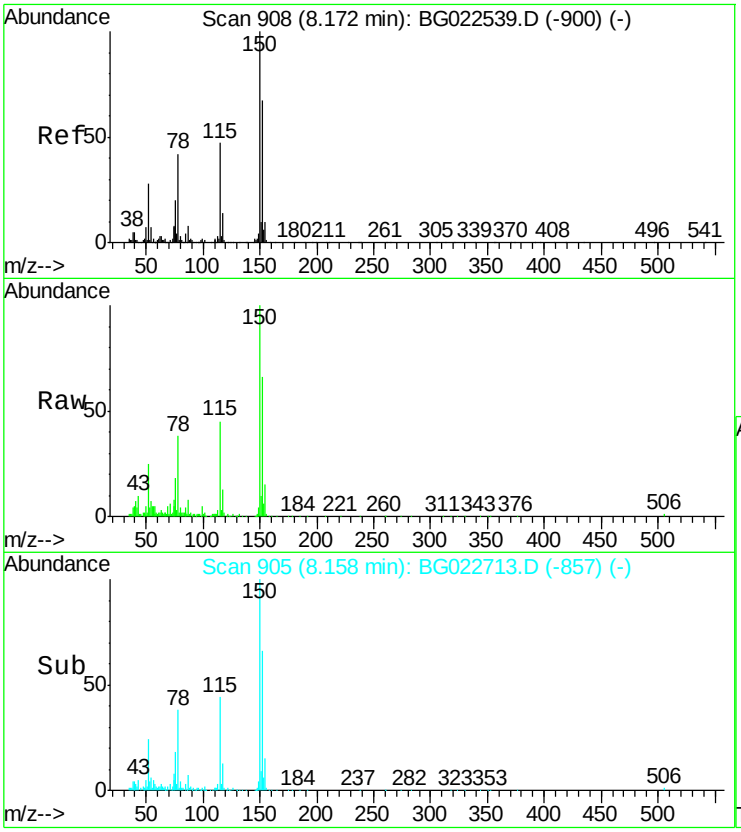


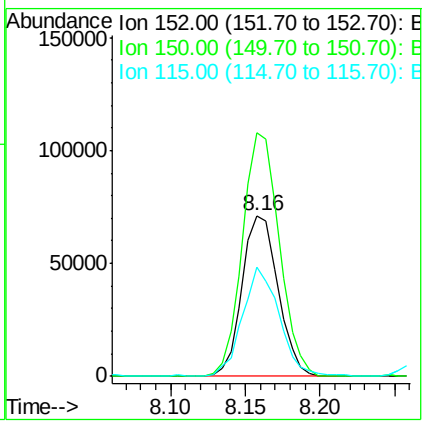


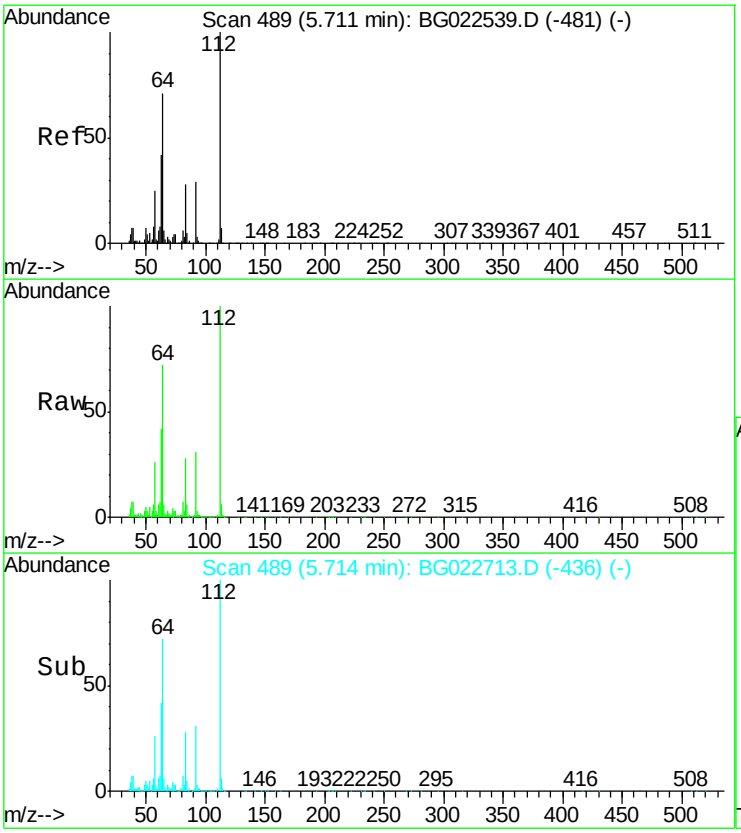
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:152 Resp: 118435

Ion	Ratio	Lower	Upper
152	100		
150	151.3	144.7	217.1
115	68.0	64.0	96.0

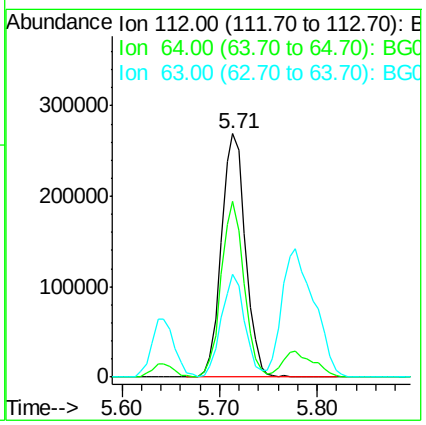


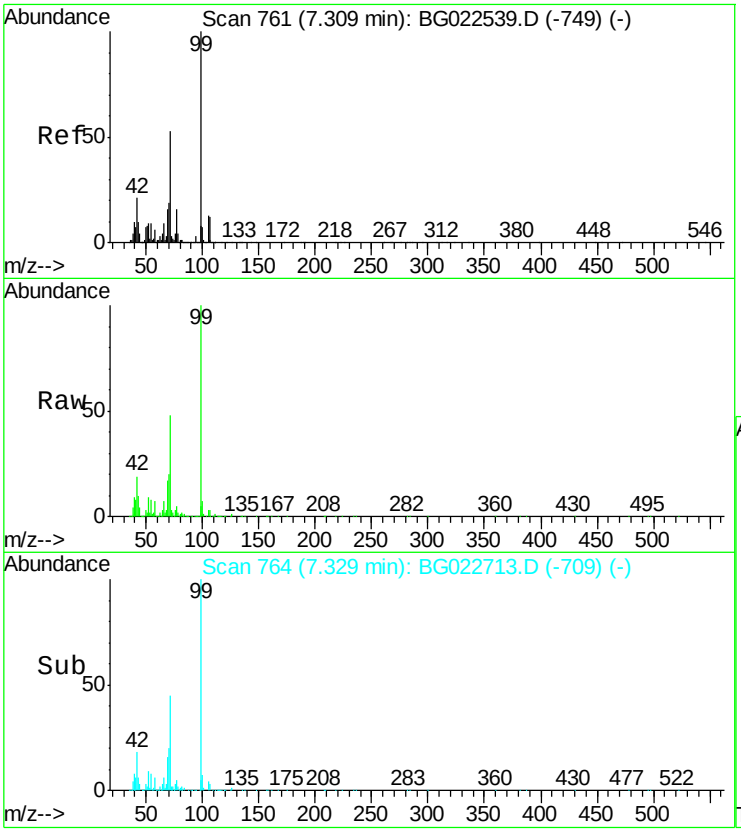


#5
2-Fluorophenol
Concen: 62.07 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:112 Resp: 458318

Ion	Ratio	Lower	Upper
112	100		
64	72.3	59.0	88.4
63	42.1	37.8	56.8



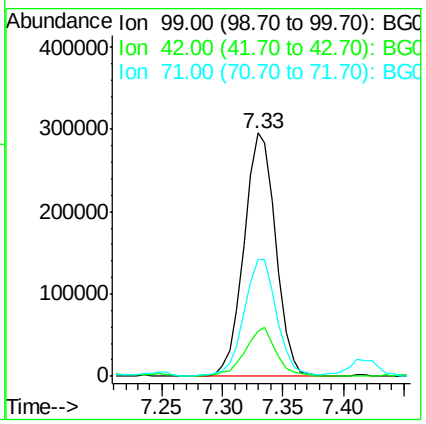


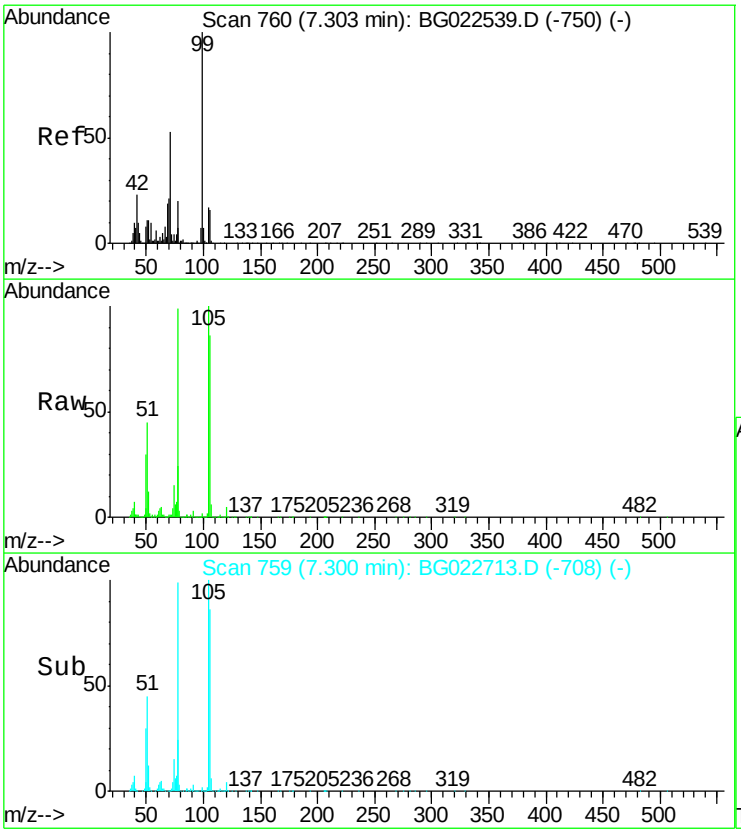
#7
Phenol-d6
Concen: 52.03 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.03 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion: 99 Resp: 541477

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	47.8	41.5	62.3

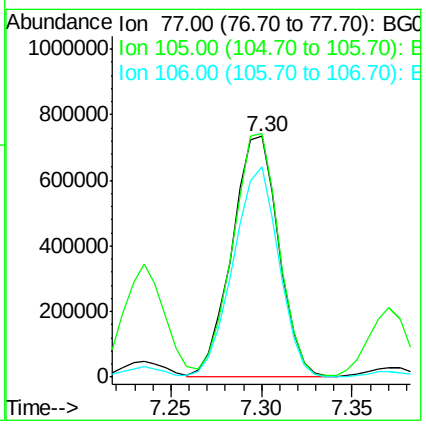


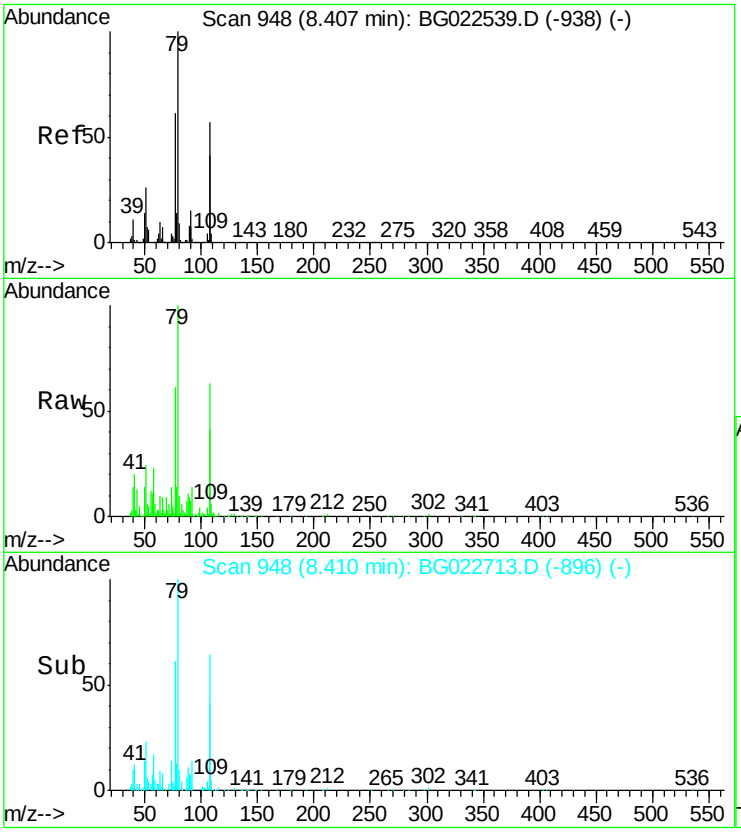


#9
Benzaldehyde
Concen: 359.46 ng
RT: 7.30 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion: 77 Resp: 1316620

Ion	Ratio	Lower	Upper
77	100		
105	101.2	58.7	98.7#
106	87.2	67.5	107.5



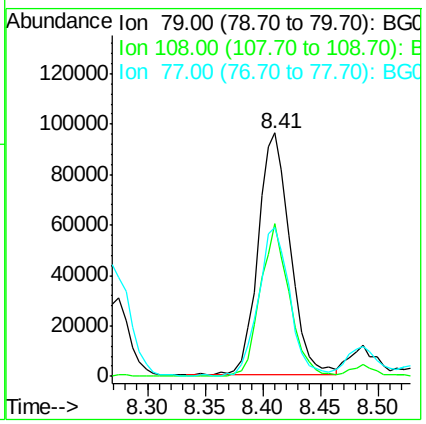


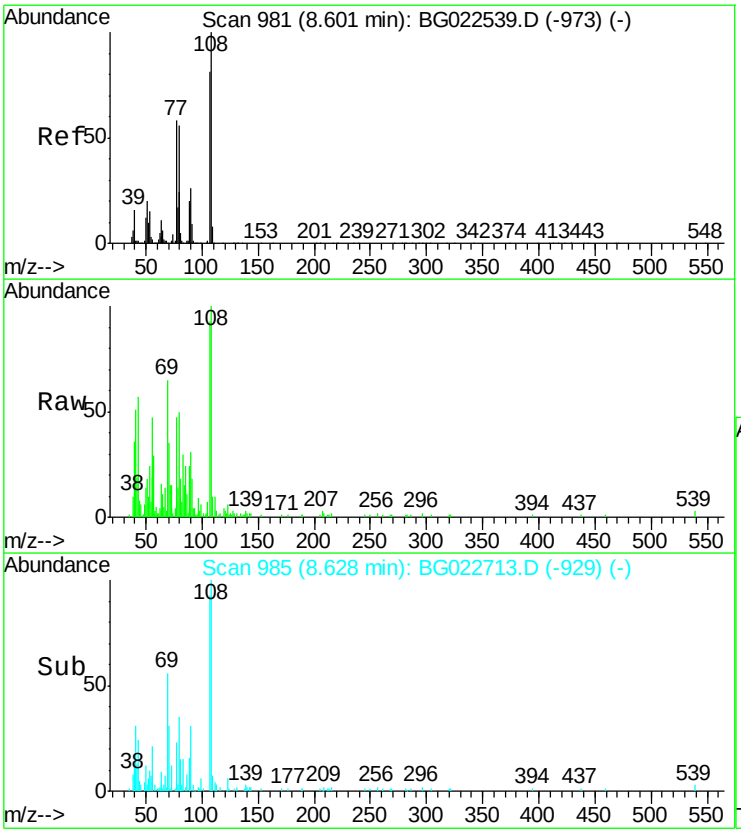
#15
Benzyl Alcohol
Concen: 19.36 ng
RT: 8.41 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion: 79 Resp: 186404

Ion	Ratio	Lower	Upper
79	100		
108	62.7	46.5	69.7
77	60.9	52.3	78.5

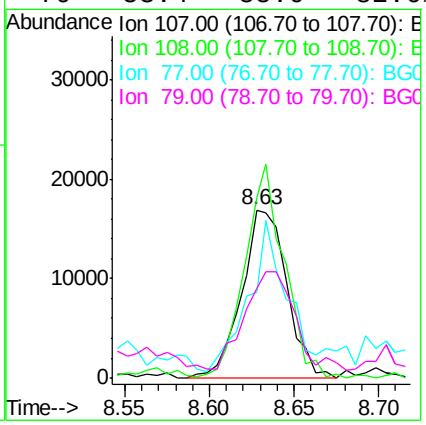


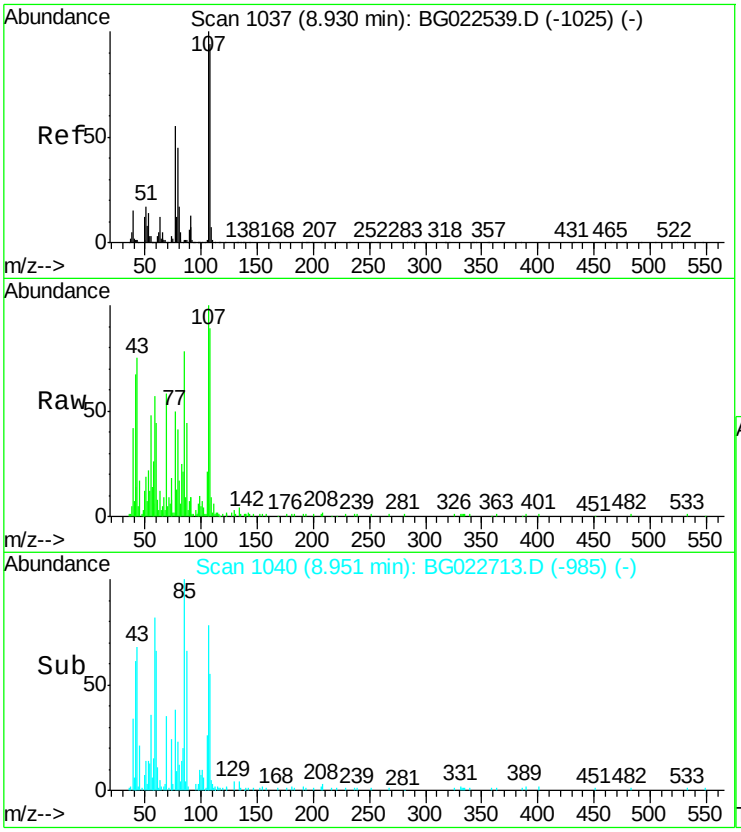


#17
2-Methylphenol
Concen: 4.34 ng
RT: 8.63 min Scan# 985
Delta R.T. 0.03 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:107 Resp: 31444

Ion	Ratio	Lower	Upper
107	100		
108	107.7	92.0	138.0
77	51.0	55.8	83.6#
79	53.4	55.0	82.6#



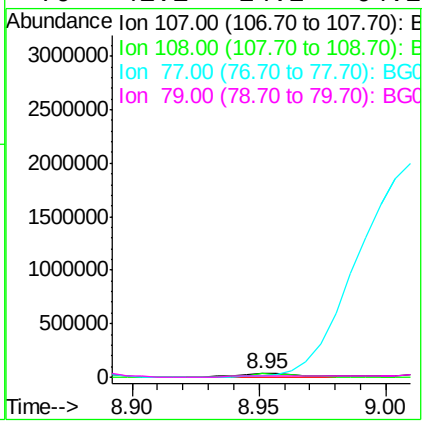


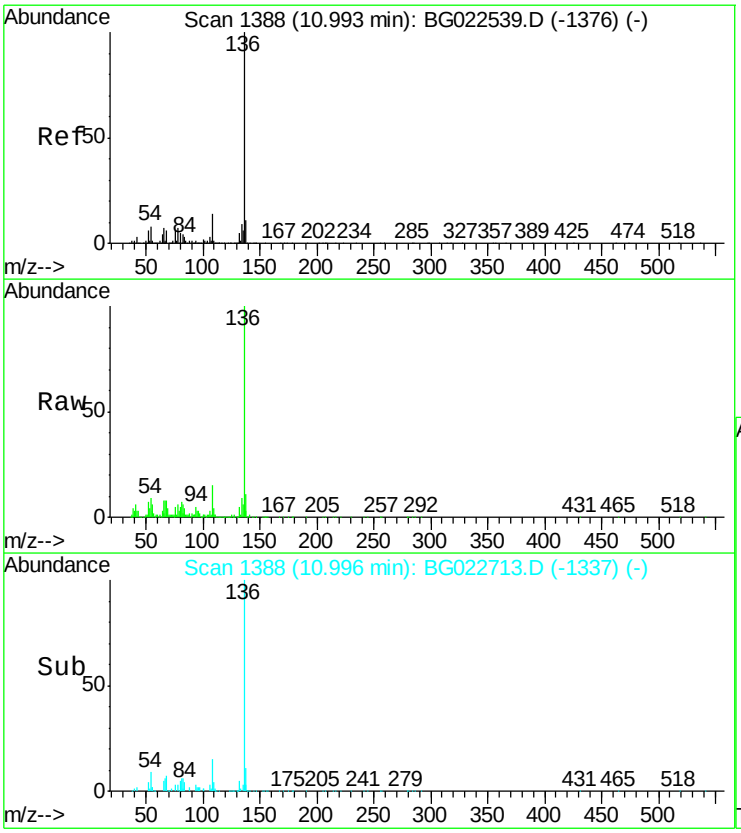
#20
3+4-Methylphenols
Concen: 6.06 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.03 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:107 Resp: 60487

Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.5	112.5
77	50.2	30.1	70.1
79	41.1	24.2	64.2

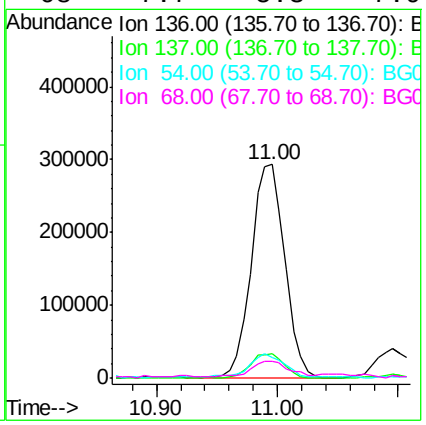


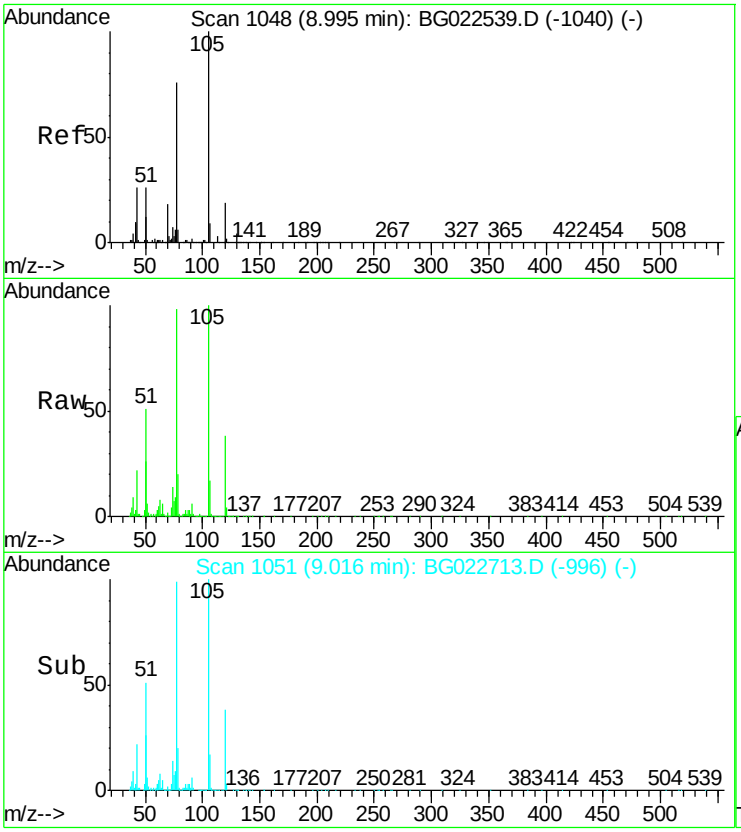


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:136 Resp: 560538

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.5	7.3	10.9
68	7.7	5.3	7.9



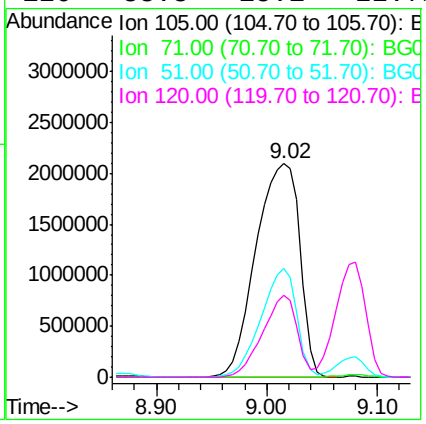


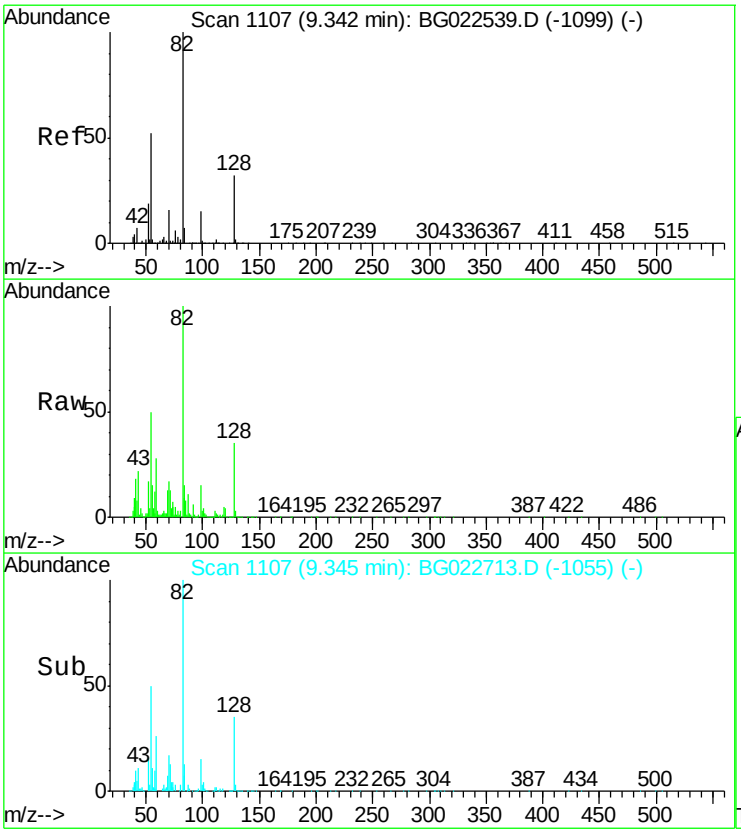
#22
Acetophenone
Concen: 358.10 ng
RT: 9.02 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:105 Resp: 5802908

Ion	Ratio	Lower	Upper
105	100		
71	0.1	2.6	3.8#
51	51.1	27.1	40.7#
120	38.3	15.1	22.7#

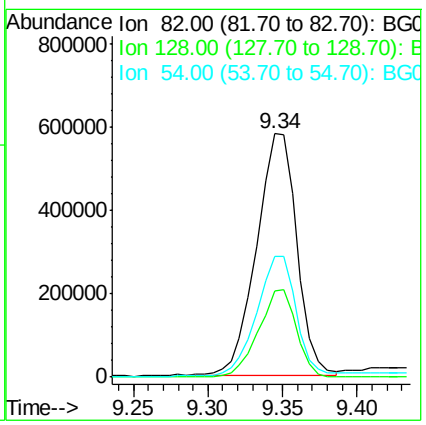


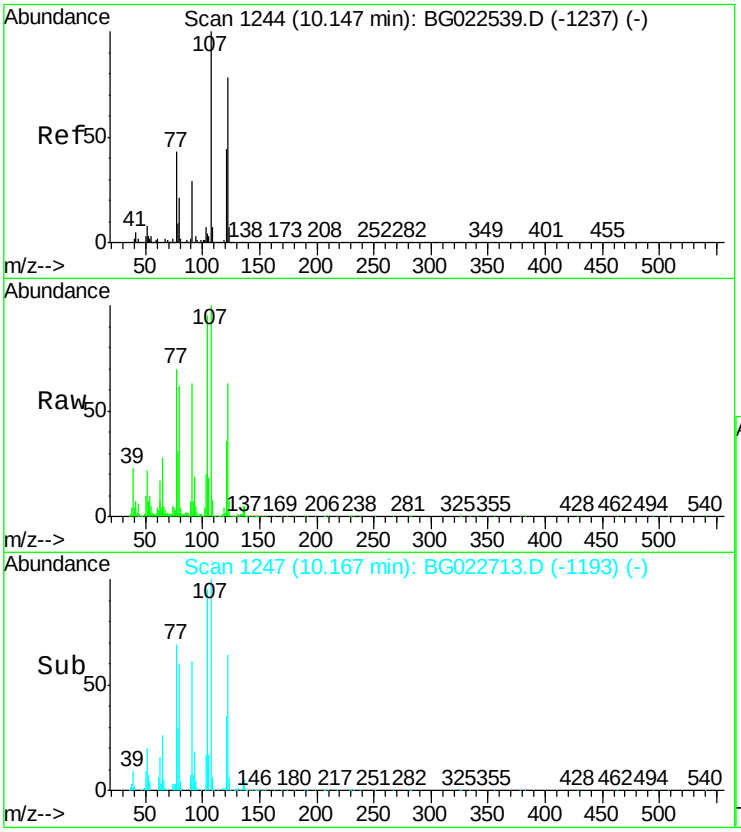


#23
Nitrobenzene-d5
Concen: 82.40 ng
RT: 9.34 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion: 82 Resp: 1091351

Ion	Ratio	Lower	Upper
82	100		
128	35.2	24.4	36.6
54	49.7	41.4	62.0



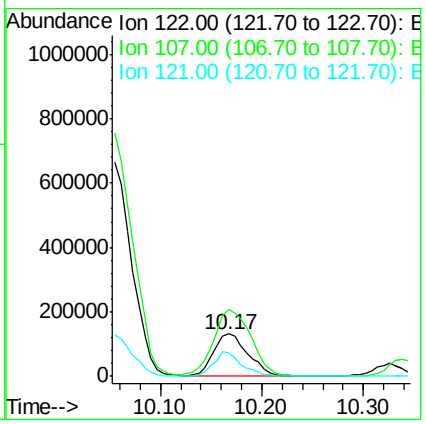


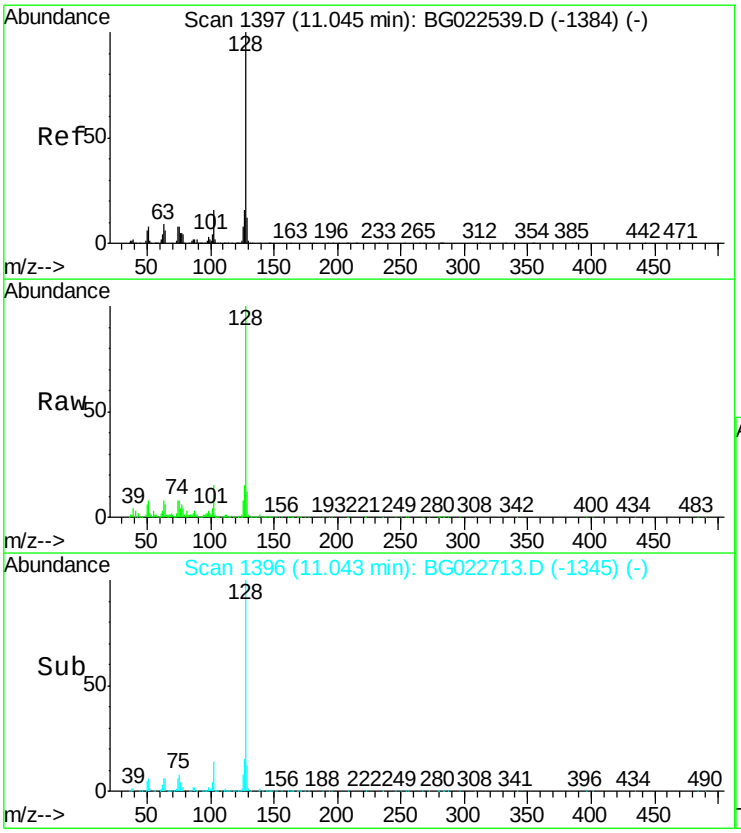
#27
2,4-Dimethylphenol
Concen: 30.82 ng
RT: 10.17 min Scan# 1247
Delta R.T. 0.02 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:122 Resp: 310489

Ion	Ratio	Lower	Upper
122	100		
107	157.8	117.0	175.4
121	56.3	50.1	75.1

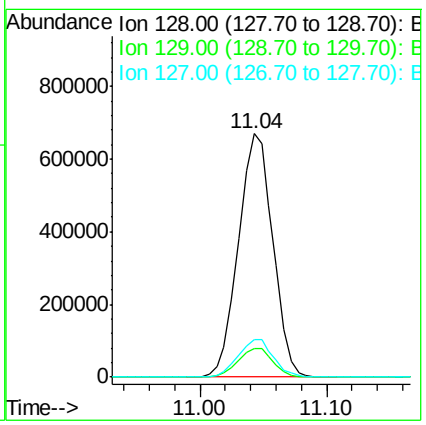


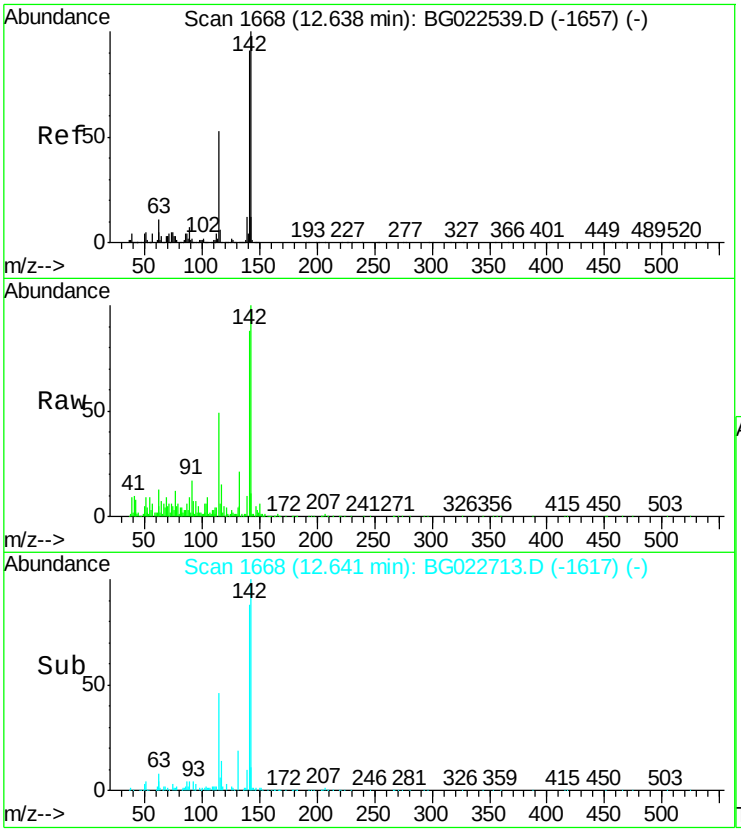


#31
Naphthalene
Concen: 44.72 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:128 Resp: 1260080

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	15.2	11.3	16.9



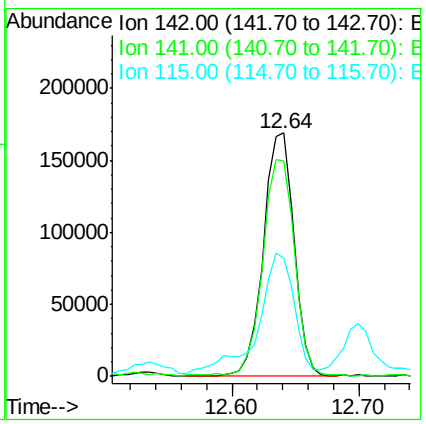


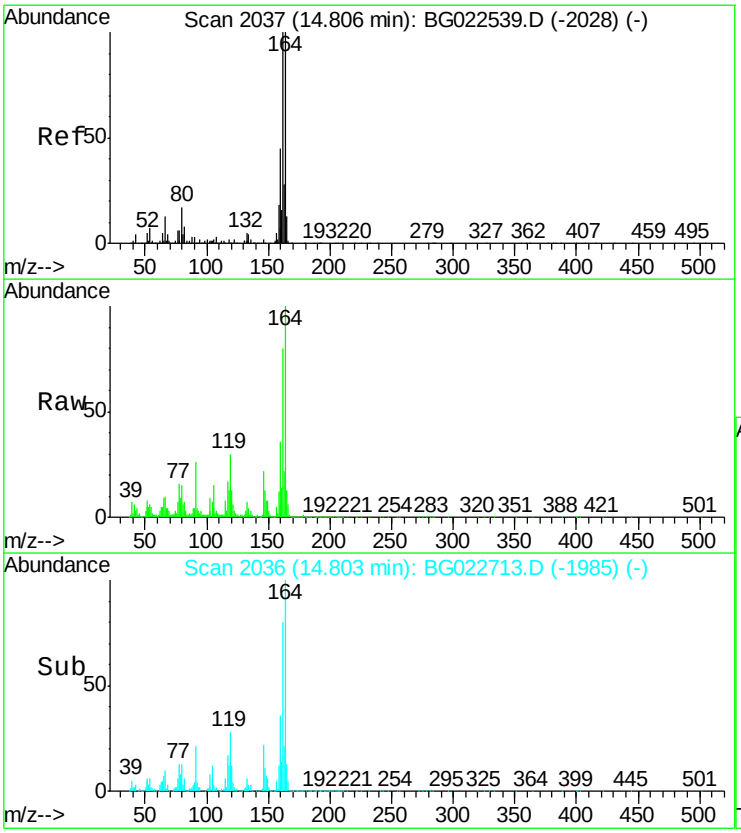
#37
2-Methylnaphthalene
Concen: 12.92 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:142 Resp: 282340

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.2
115	48.7	41.7	62.5

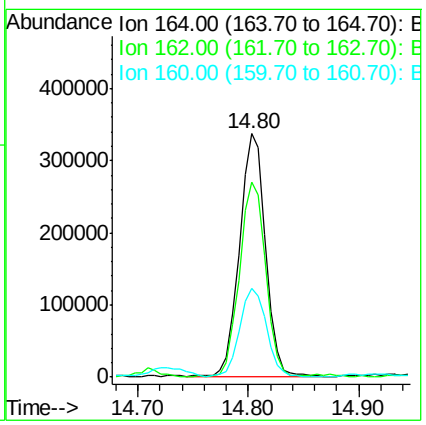


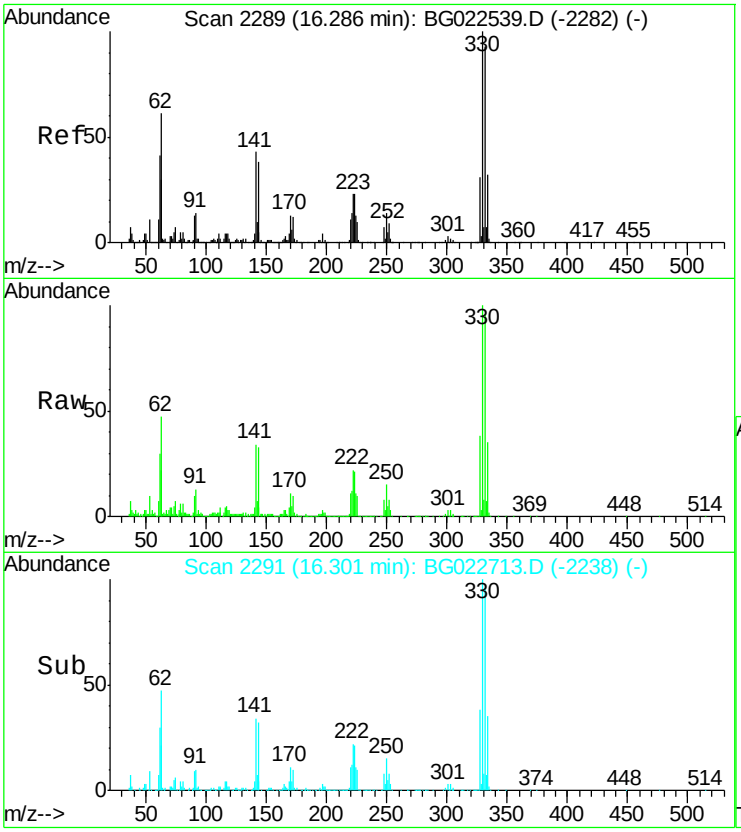


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:164 Resp: 554649

Ion	Ratio	Lower	Upper
164	100		
162	80.3	87.7	131.5#
160	36.4	37.2	55.8#



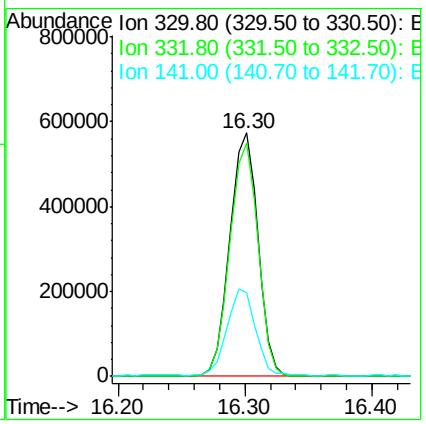


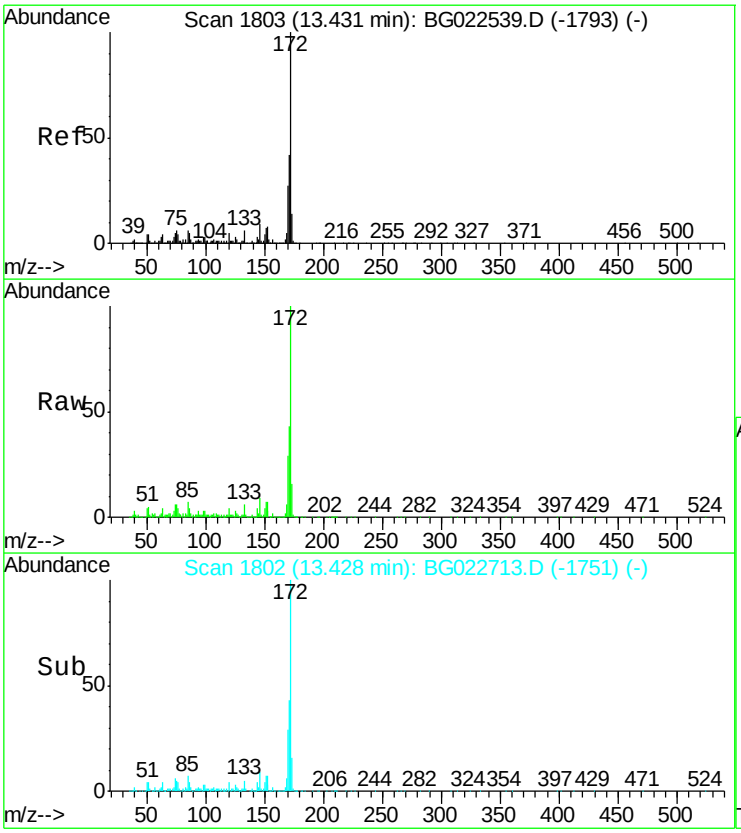
#41
2,4,6-Tribromophenol
Concen: 100.96 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:330 Resp: 880784

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	35.9	31.7	47.5

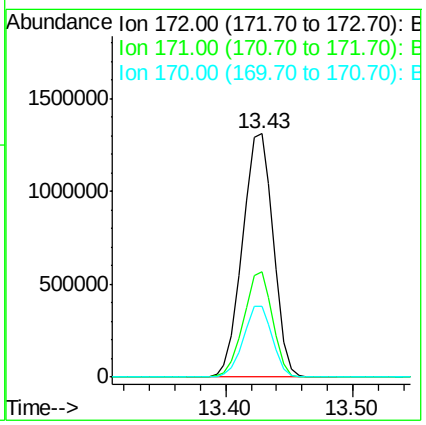


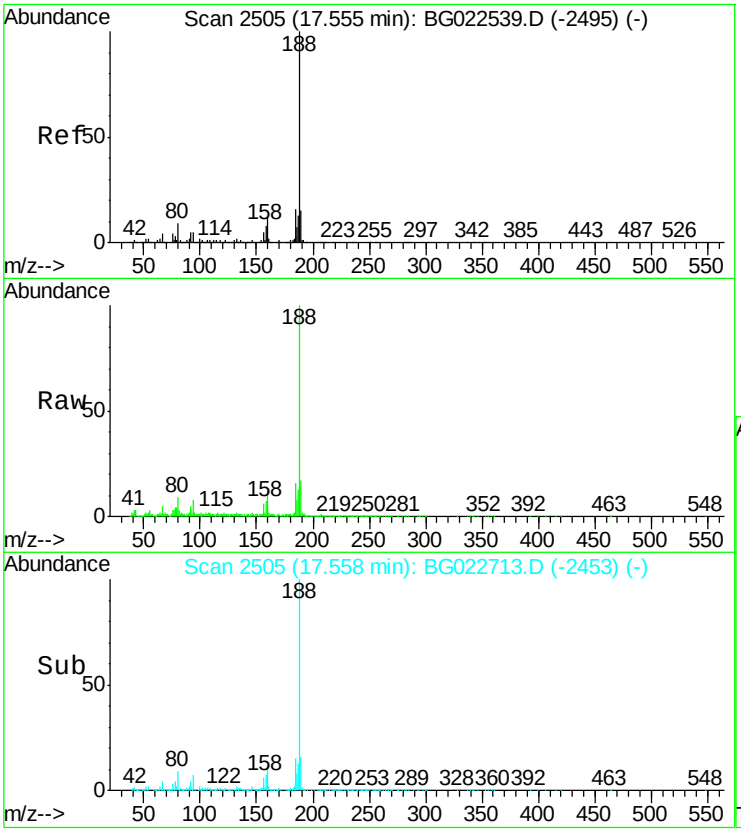


#44
2-Fluorobiphenyl
Concen: 63.30 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:172 Resp: 2213754

Ion	Ratio	Lower	Upper
172	100		
171	43.4	31.6	47.4
170	28.9	21.3	31.9



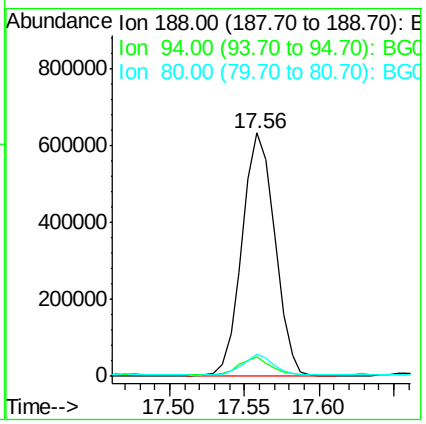


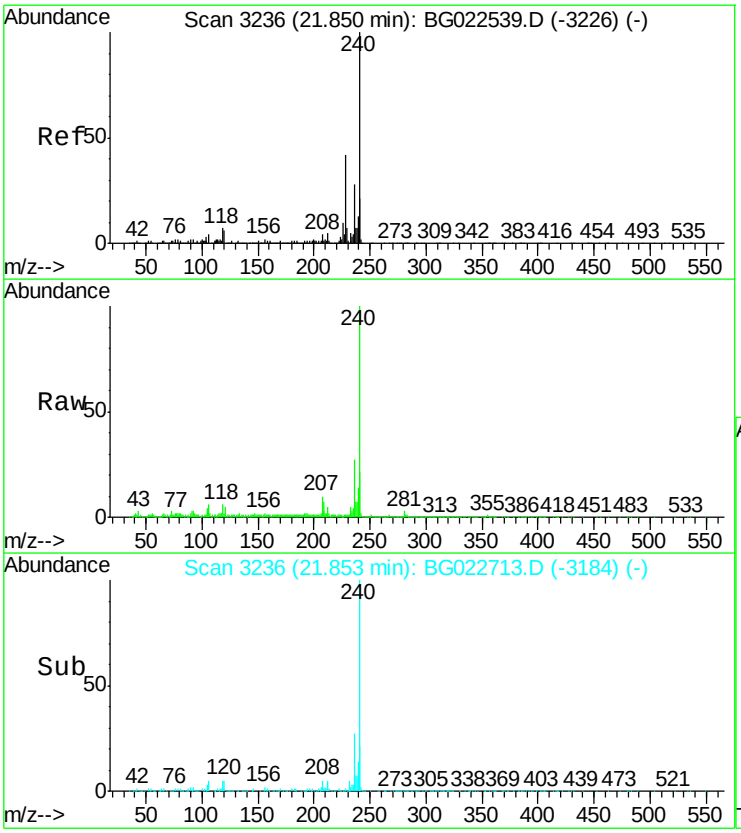
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:188 Resp: 958122

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.2	7.8#
80	9.2	7.2	10.8

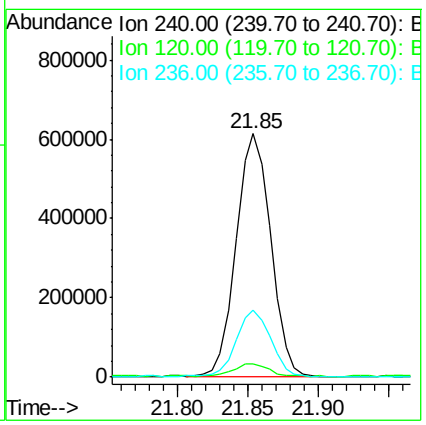


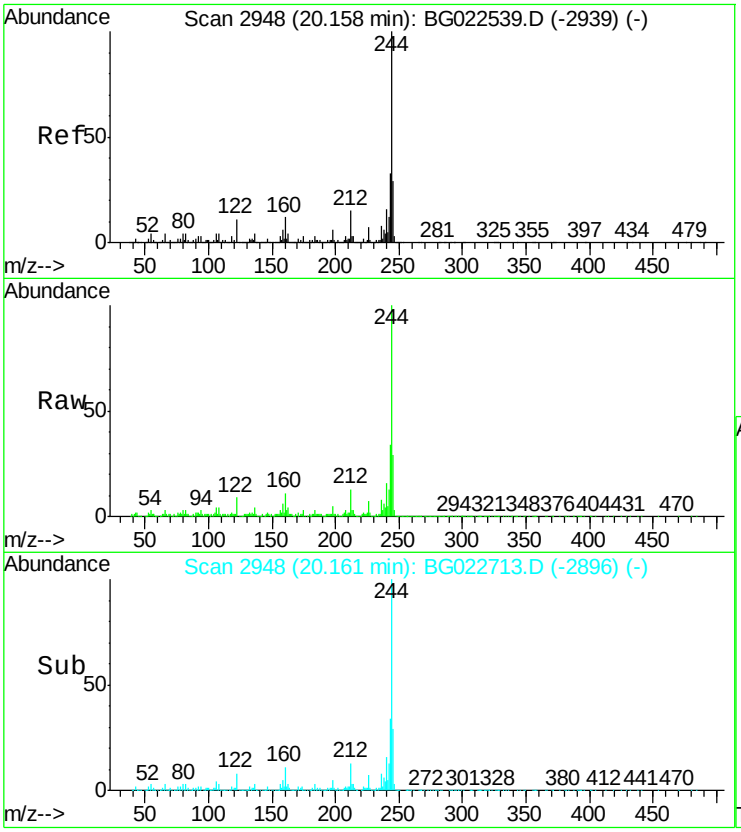


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:240 Resp: 1045648

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	27.5	21.1	31.7



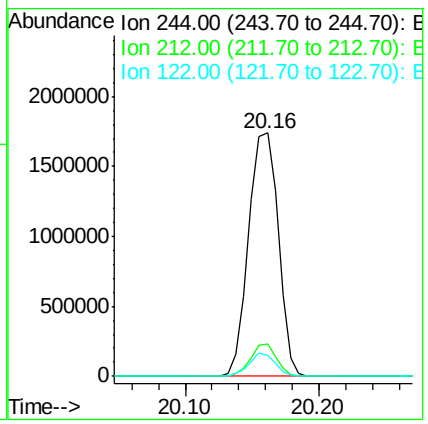


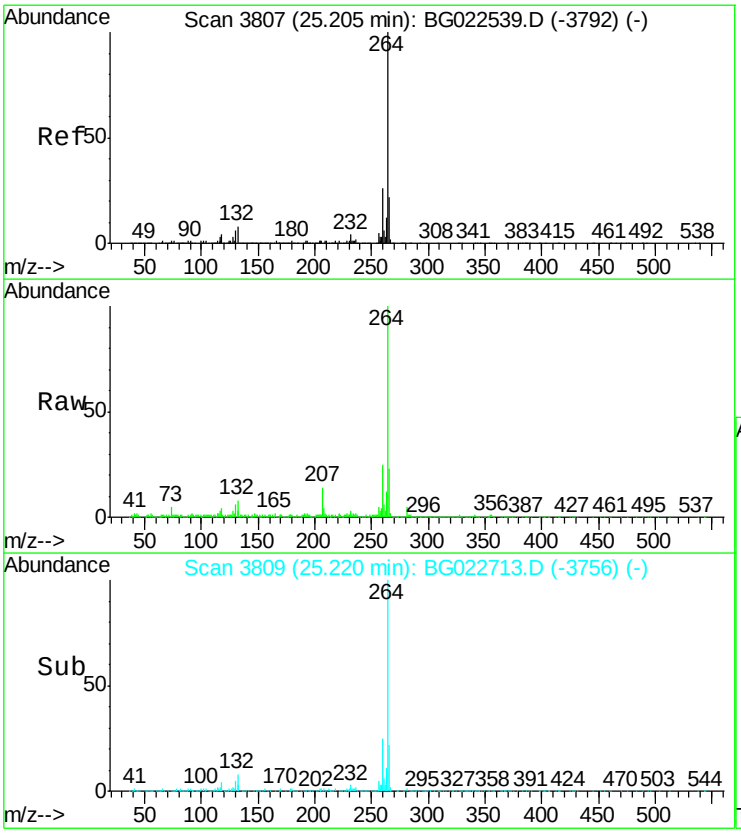
#78
Terphenyl-d14
Concen: 67.36 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S8-0579

Tgt Ion:244 Resp: 2658501

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	8.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022713.D
Acq: 30 Jun 2016 3:58

Tgt Ion:264 Resp: 1080568

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.7	18.9	28.3