Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Time: Jun 30 04:31:42 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	128833	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	602880	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	565687	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1037883	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1101439	20.00	ng		0.00
86) Perylene-d12	25.22	264	1140691	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	507272	63.15	ng		0.00
7) Phenol-d6	7.33	99	527243	46.57	ng		0.03
23) Nitrobenzene-d5	9.35	82	1169034	82.07	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	931553	104.70	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	2313548	64.86	ng		0.00
78) Terphenyl-d14	20.16	244	2616426	62.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.30	77	1202516	301.81	ng	#	85
15) Benzyl Alcohol	8.41	79	164968	15.75	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	42180	3.87	ng		77
17) 2-Methylphenol	8.63	107	26839	3.40	ng	#	92
18) Hexachloroethane	9.28	117	15090	3.59	ng	#	1
19) n-Nitroso-di-n-propylamine	8.98	70	20924	2.22	ng	#	1
20) 3+4-Methylphenols	8.96	107	50320	4.63	ng	#	74
22) Acetophenone	9.02	105	5534714	317.56	ng	#	70
24) Nitrobenzene	9.32	77	60135	3.82	ng	#	1
27) 2,4-Dimethylphenol	10.17	122	298504	27.55	ng	#	93
28) bis(2-Chloroethoxy)methane	10.41	93	210359	13.93	ng	#	64
31) Naphthalene	11.04	128	1227180	40.49	ng		96
32) Benzoic acid	10.31	122	58223	12.46	ng		93
33) 4-Chloroaniline	11.04	127	192570	14.75	ng	#	35
35) Caprolactam	11.92	113	7169	2.16	ng	#	1
37) 2-Methylnaphthalene	12.64	142	281982	12.00	ng		99
50) 2,6-Dinitrotoluene	14.32	165	55032	5.40	ng	#	24

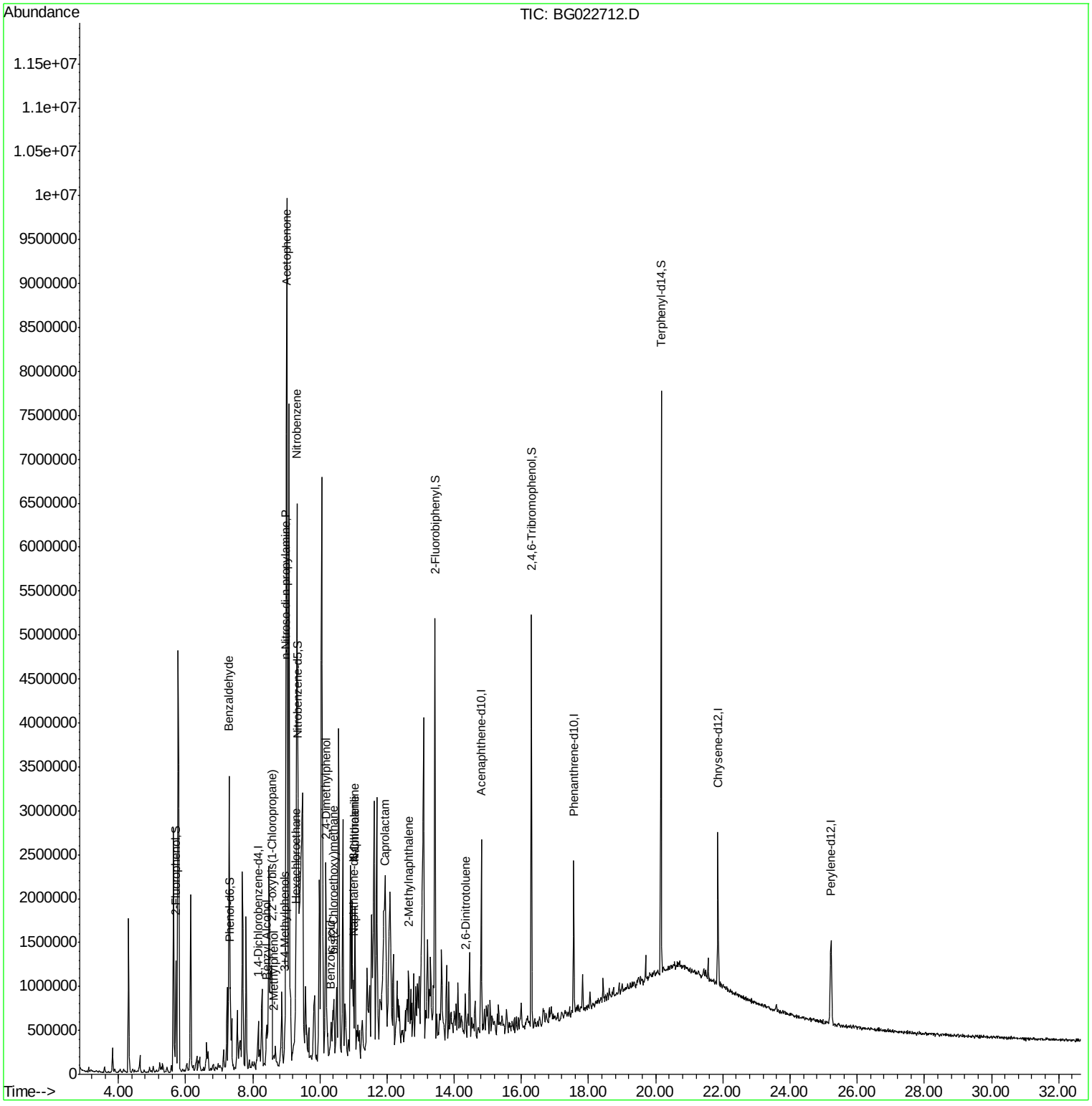
(#) = qualifier out of range (m) = manual integration (+) = signals summed

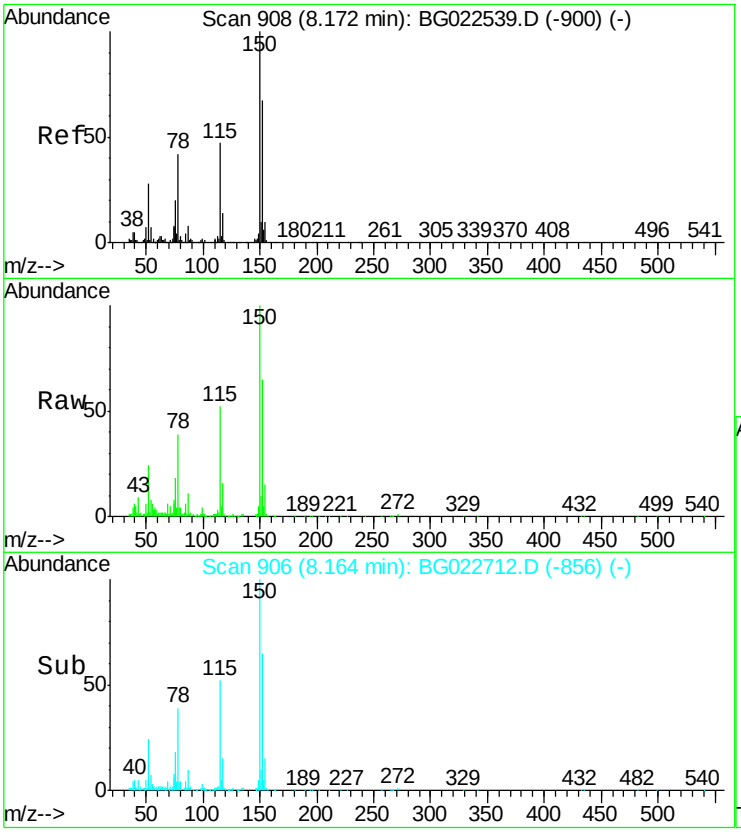
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0578

Quant Time: Jun 30 04:31:42 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



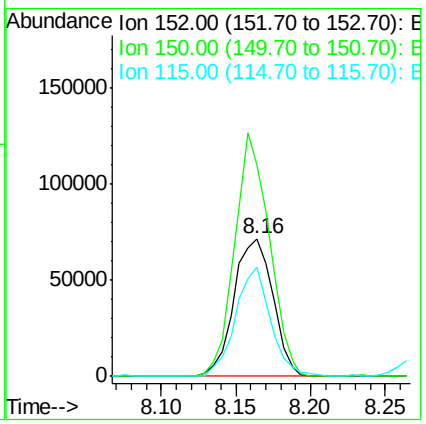


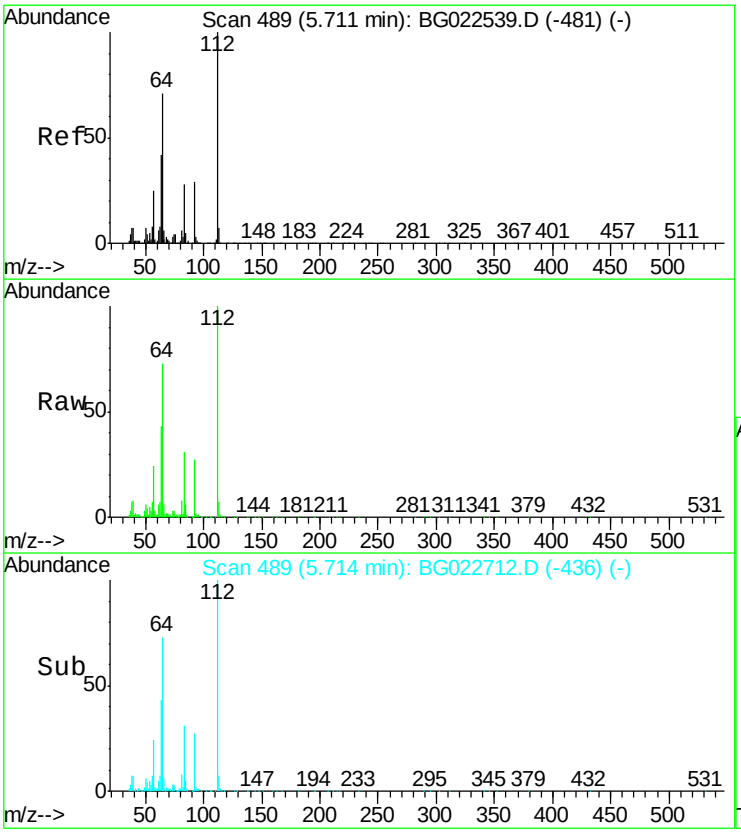
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:152 Resp: 128833

Ion	Ratio	Lower	Upper
152	100		
150	154.0	144.7	217.1
115	79.5	64.0	96.0

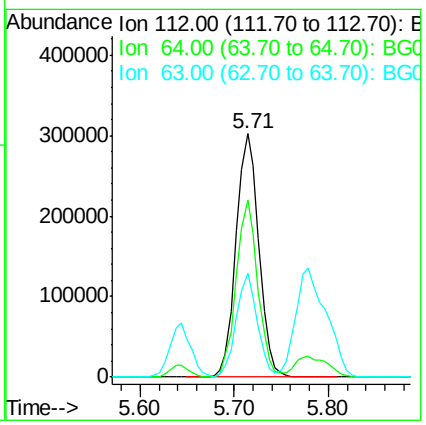


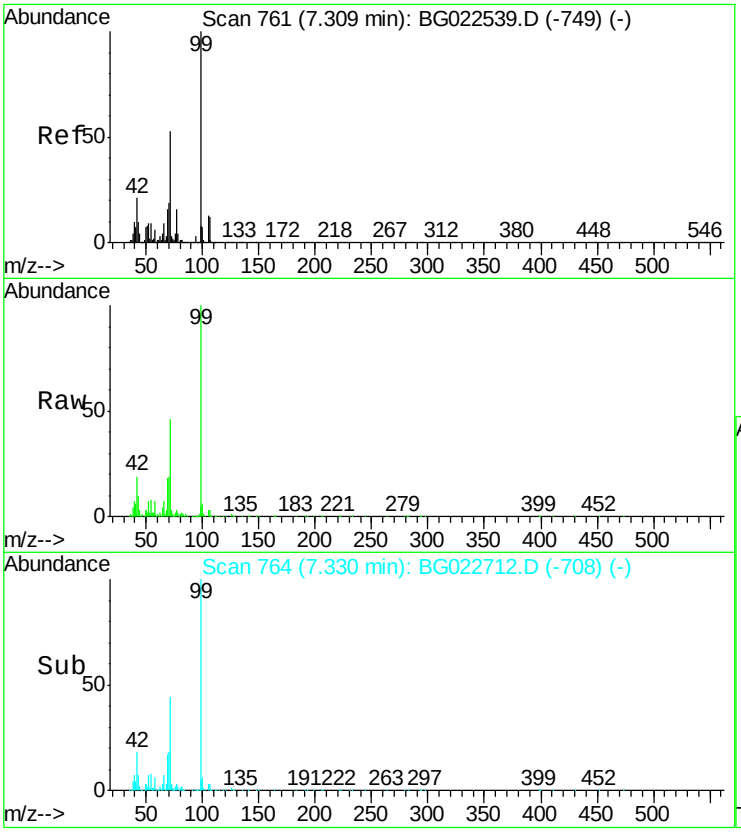


#5
2-Fluorophenol
Concen: 63.15 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:112 Resp: 507272

Ion	Ratio	Lower	Upper
112	100		
64	72.7	59.0	88.4
63	42.9	37.8	56.8



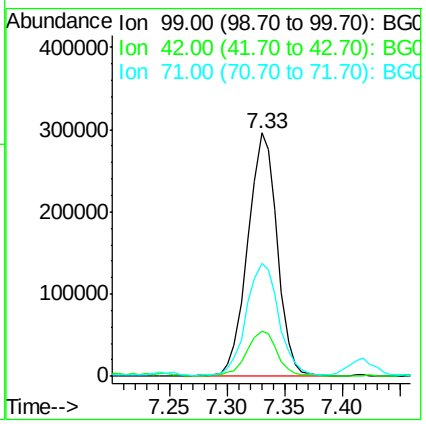


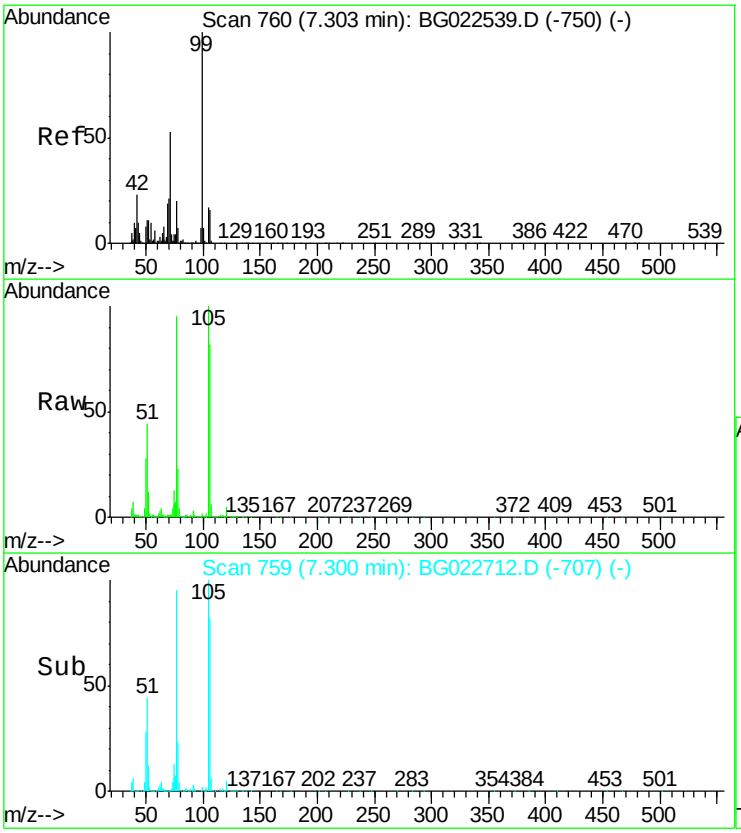
#7
Phenol-d6
Concen: 46.57 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion: 99 Resp: 527243

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	46.3	41.5	62.3

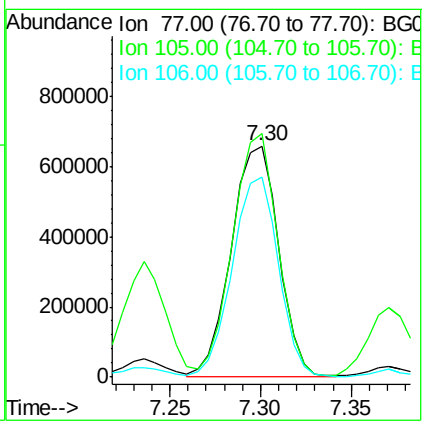


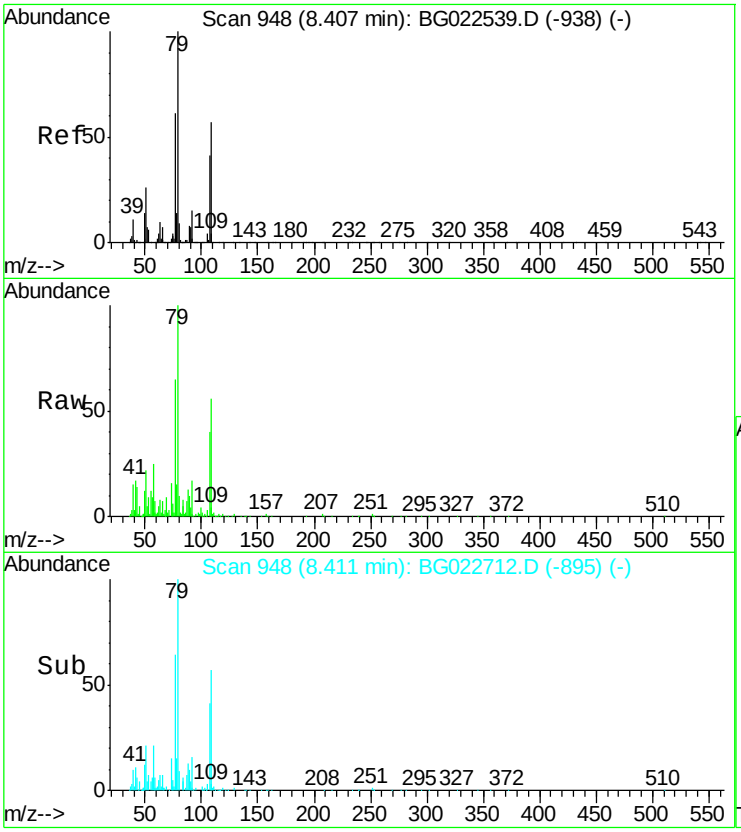


#9
Benzaldehyde
Concen: 301.81 ng
RT: 7.30 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion: 77 Resp: 1202516

Ion	Ratio	Lower	Upper
77	100		
105	105.4	58.7	98.7#
106	86.5	67.5	107.5



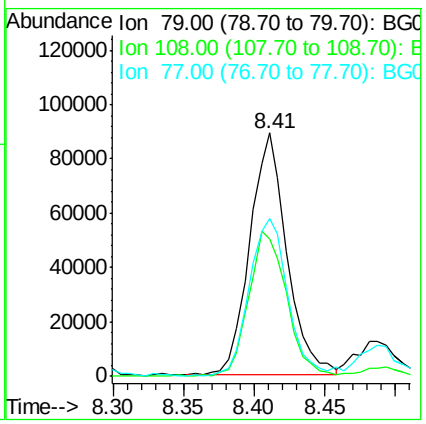


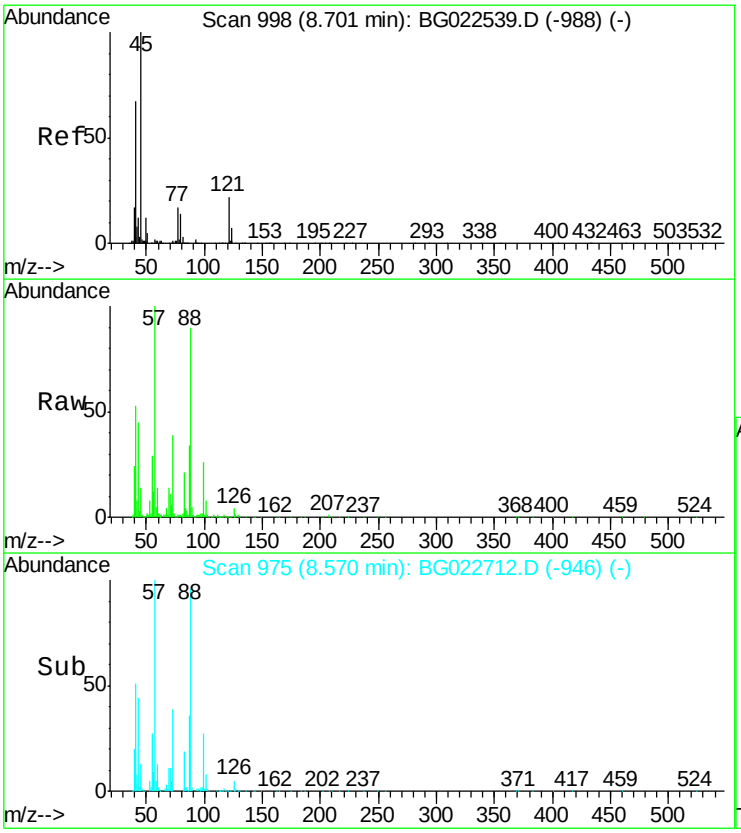
#15
Benzyl Alcohol
Concen: 15.75 ng
RT: 8.41 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion: 79 Resp: 164968

Ion	Ratio	Lower	Upper
79	100		
108	56.4	46.5	69.7
77	64.7	52.3	78.5

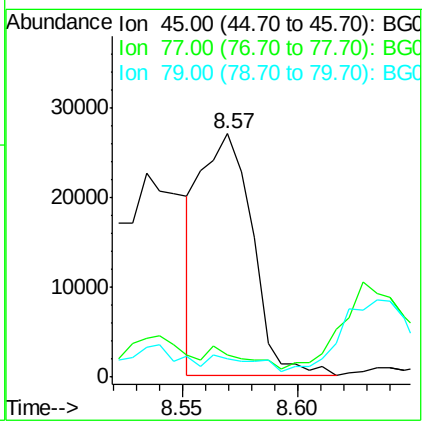


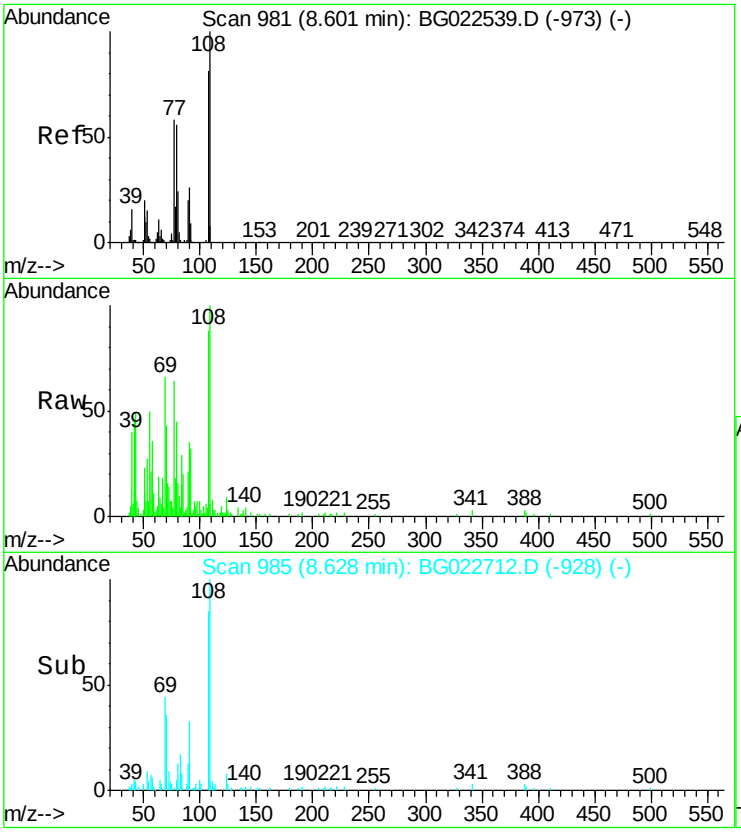


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.87 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.13 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion: 45 Resp: 42180

Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.6	40.6
79	7.6	0.0	36.2



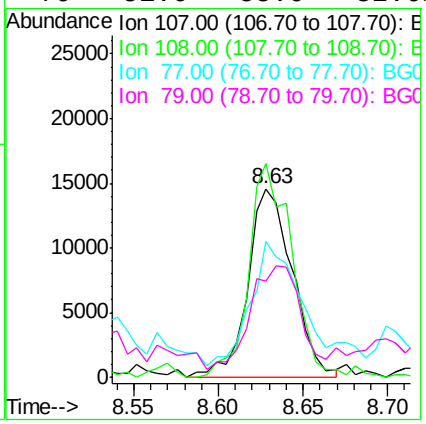


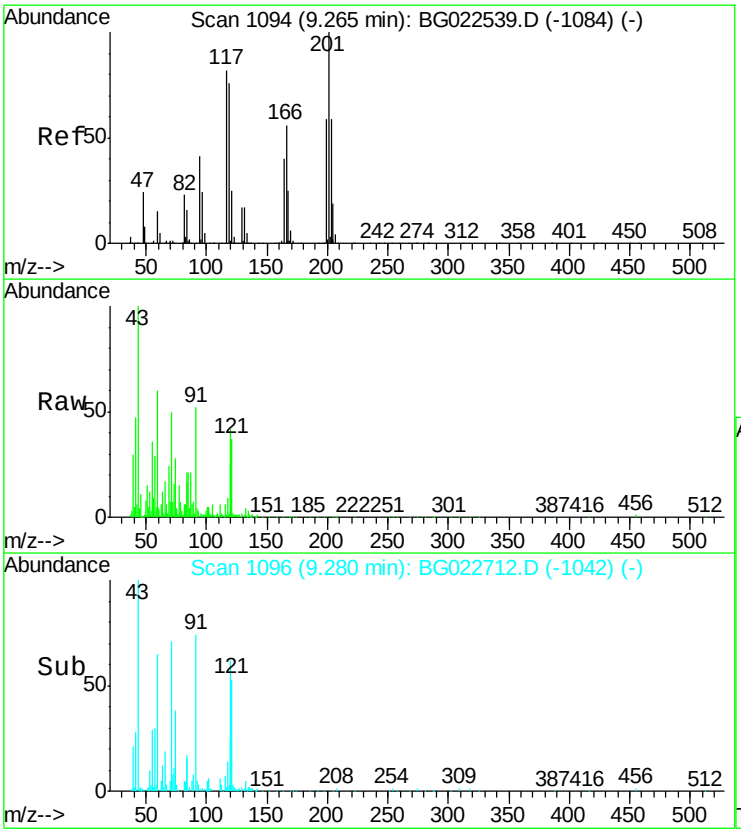
#17
2-Methylphenol
Concen: 3.40 ng
RT: 8.63 min Scan# 985
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:107 Resp: 26839

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.0	138.0
77	72.2	55.8	83.6
79	51.0	55.0	82.6#

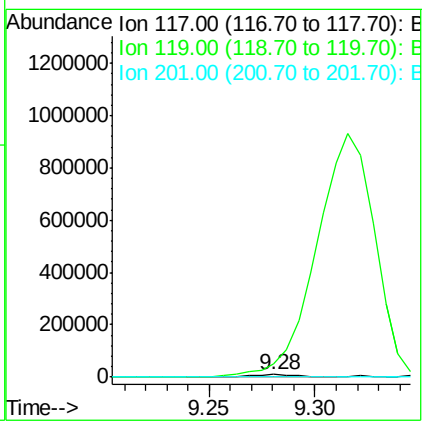


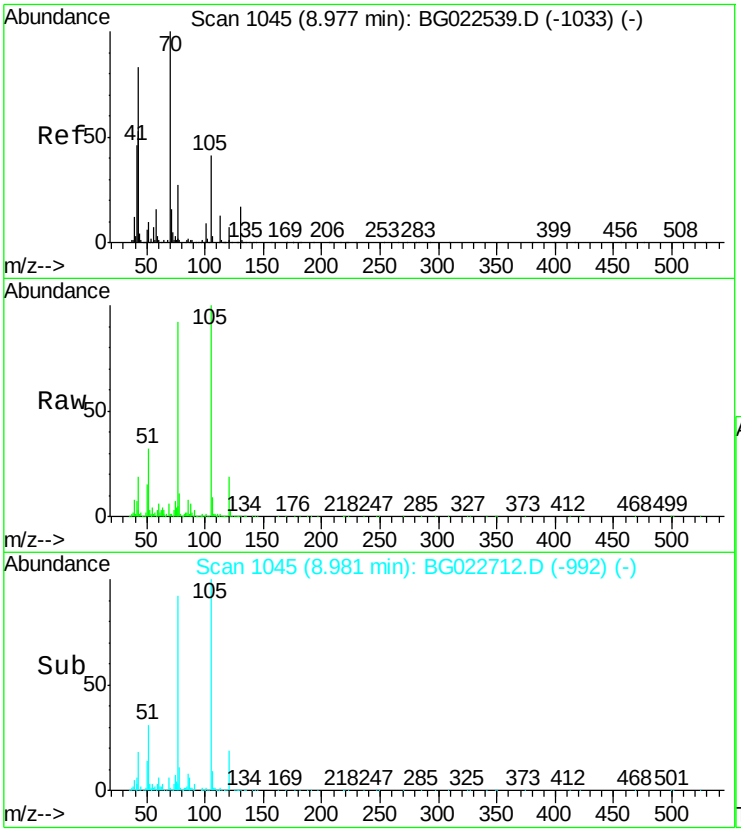


#18
Hexachloroethane
Concen: 3.59 ng
RT: 9.28 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:117 Resp: 15090

Ion	Ratio	Lower	Upper
117	100		
119	459.2	73.7	110.5#
201	0.0	88.7	133.1#



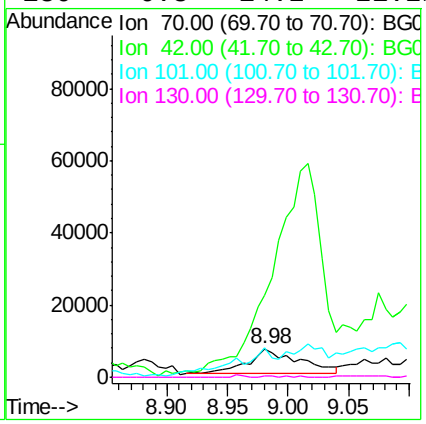


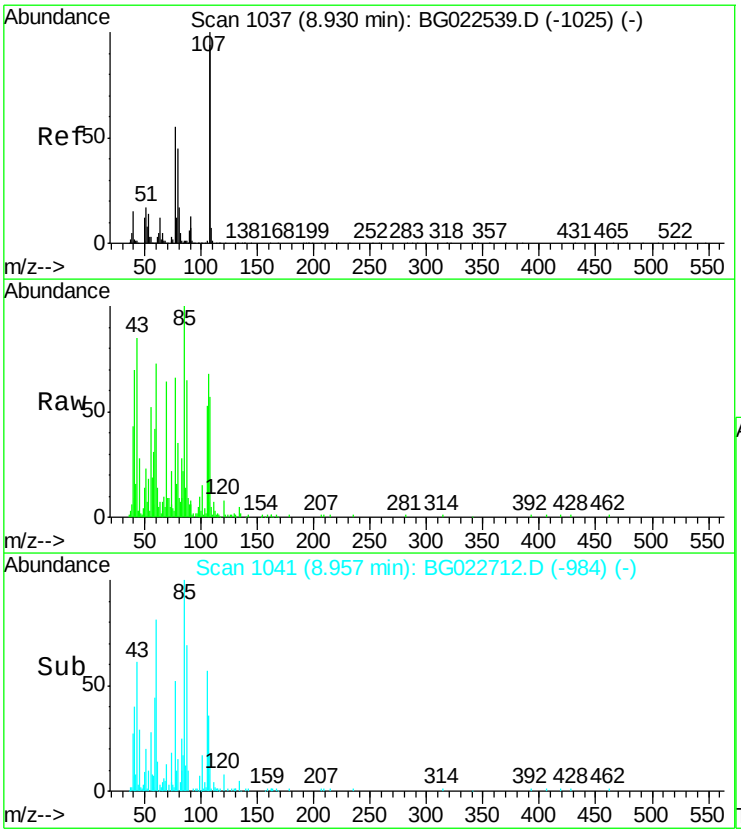
#19
n-Nitroso-di-n-propylamine
Concen: 2.22 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion: 70 Resp: 20924

Ion	Ratio	Lower	Upper
70	100		
42	285.7	42.1	63.1#
101	101.3	7.2	10.8#
130	6.3	14.2	21.2#

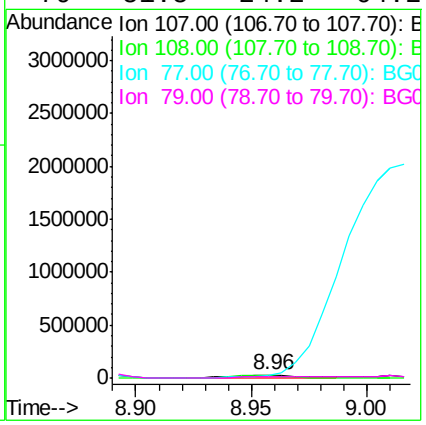


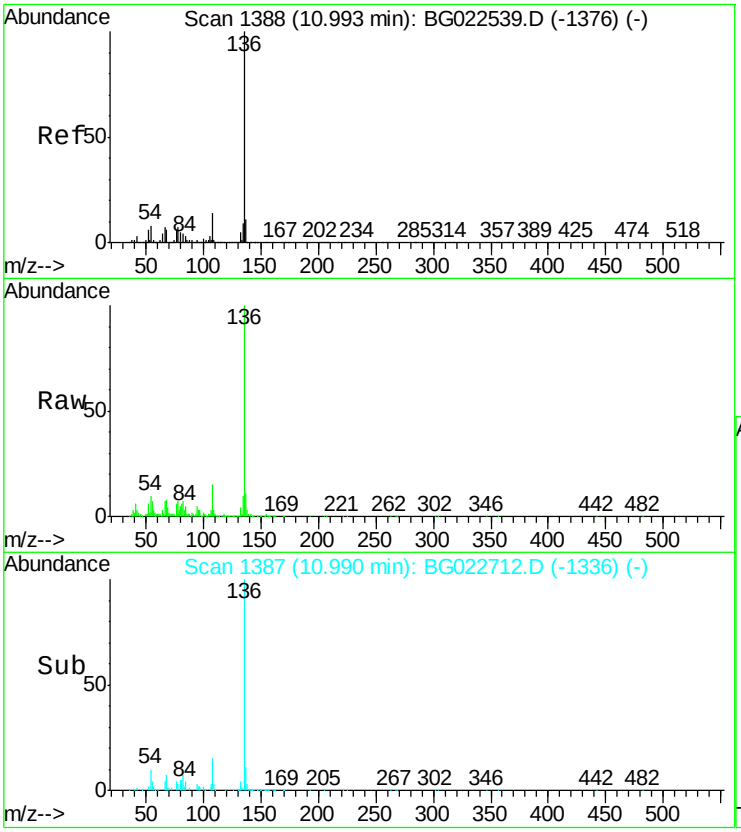


#20
3+4-Methylphenols
Concen: 4.63 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:107 Resp: 50320

Ion	Ratio	Lower	Upper
107	100		
108	83.1	72.5	112.5
77	96.5	30.1	70.1#
79	51.5	24.2	64.2



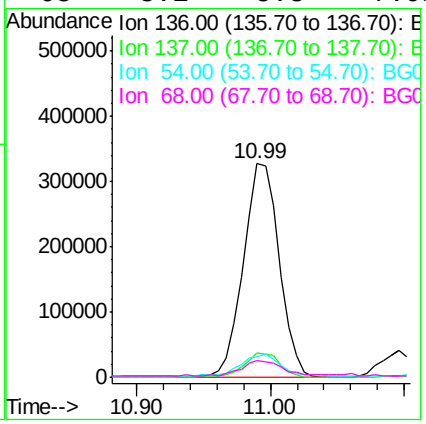


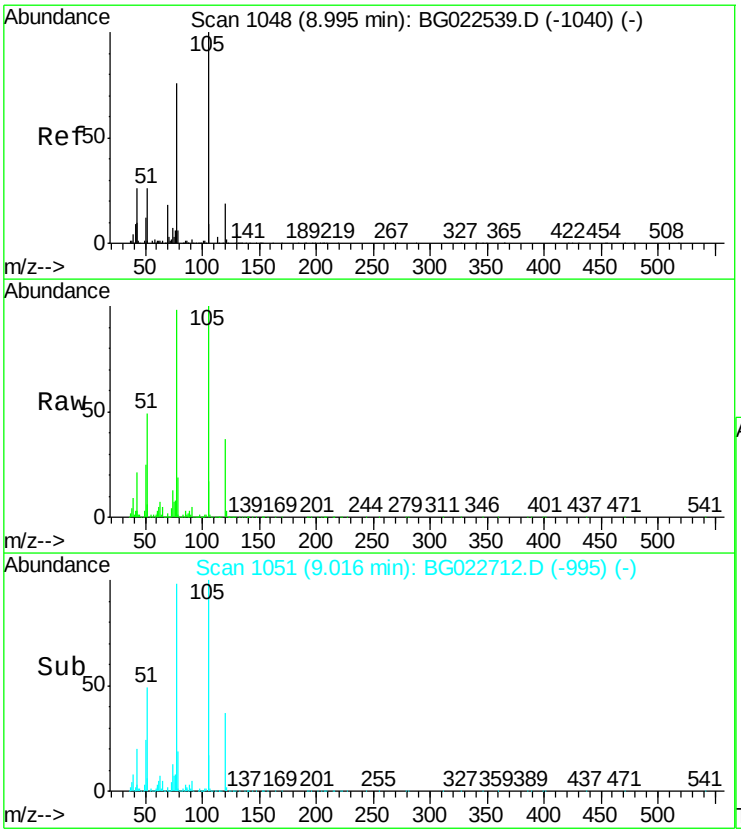
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:136 Resp: 602880

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.3	10.9
68	8.1	5.3	7.9#

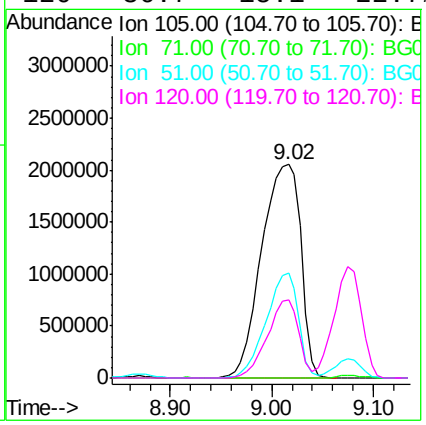


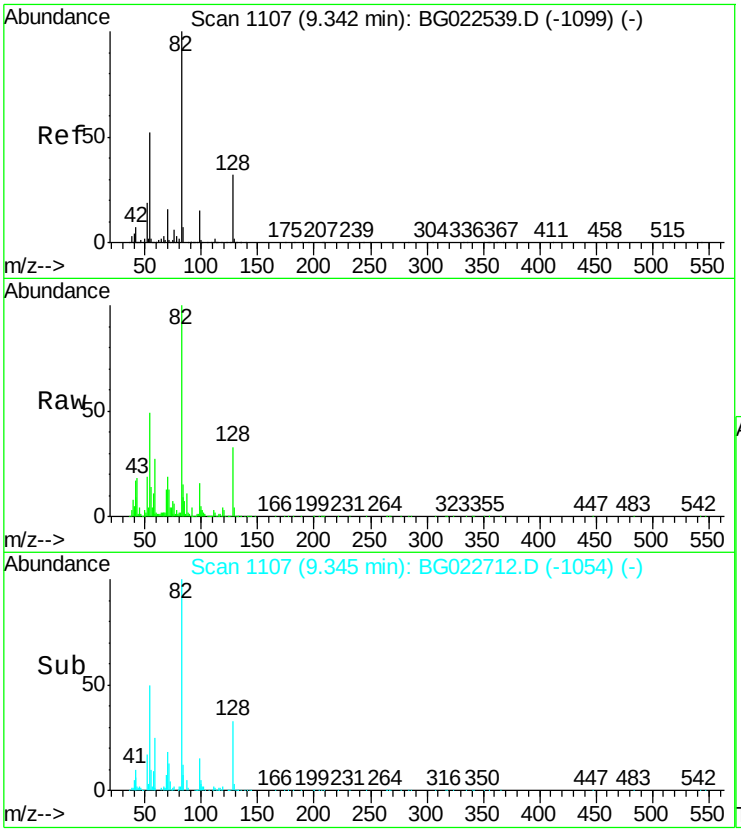


#22
Acetophenone
Concen: 317.56 ng
RT: 9.02 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:105 Resp: 5534714

Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.6	3.8#
51	49.2	27.1	40.7#
120	36.7	15.1	22.7#



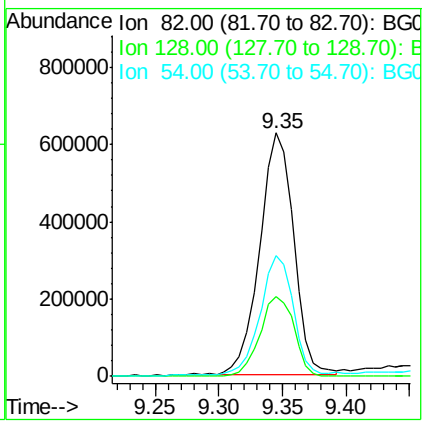


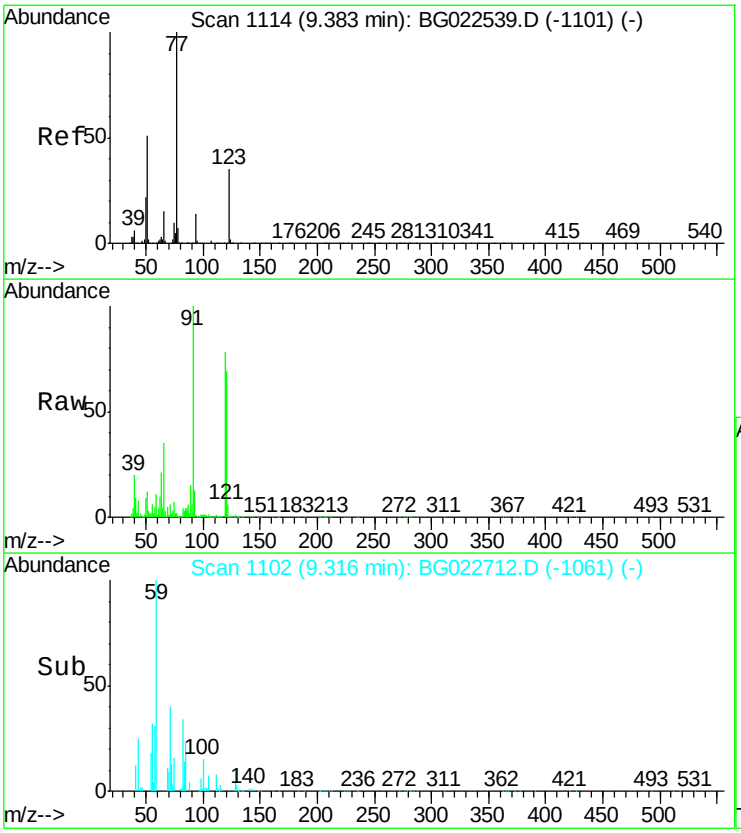
#23
Nitrobenzene-d5
Concen: 82.07 ng
RT: 9.35 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion: 82 Resp: 1169034

Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	49.4	41.4	62.0

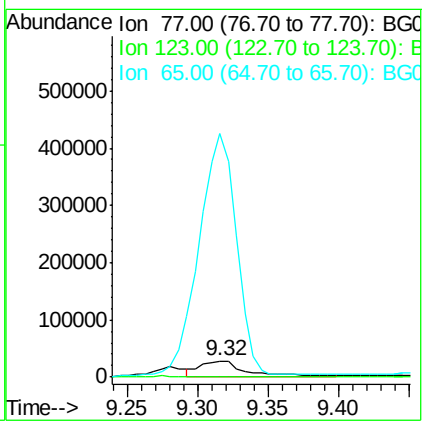


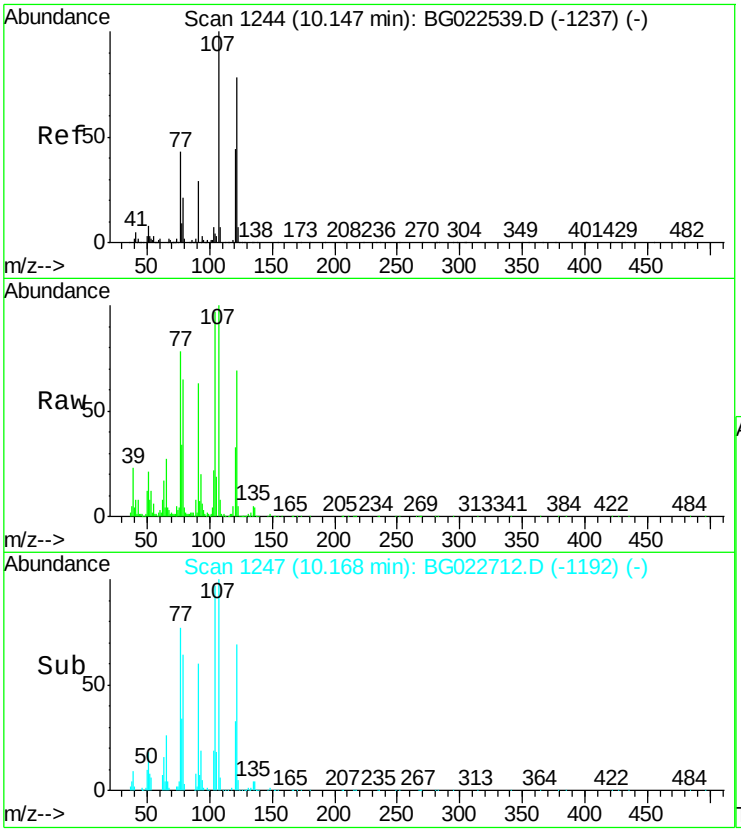


#24
Nitrobenzene
Concen: 3.82 ng
RT: 9.32 min Scan# 1102
Delta R.T. -0.06 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion: 77 Resp: 60135

Ion	Ratio	Lower	Upper
77	100		
123	2.4	25.0	37.6#
65	1517.8	13.4	20.0#



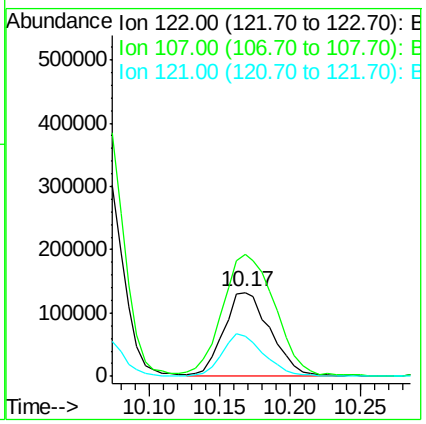


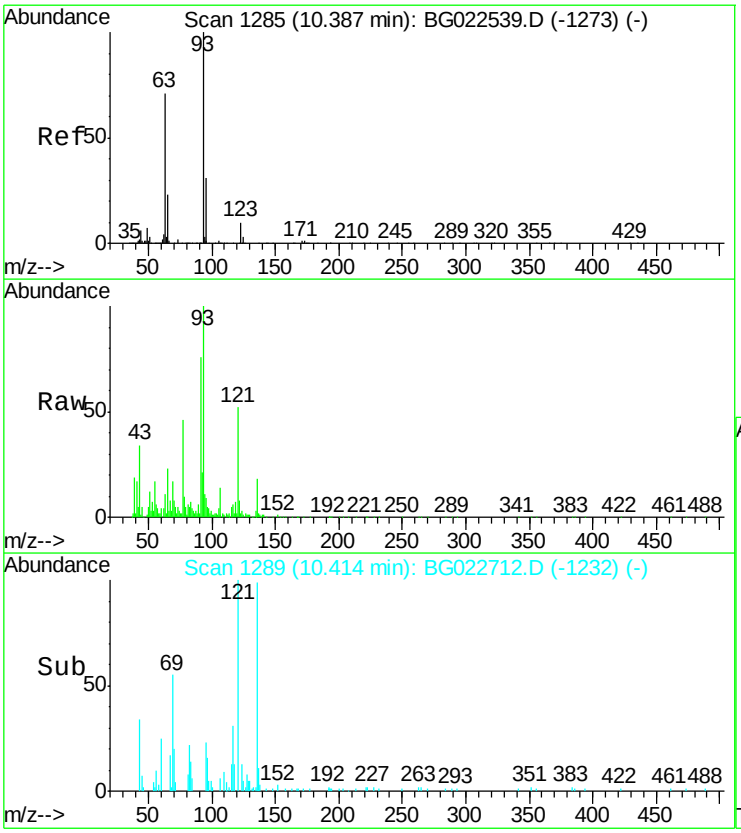
#27
2,4-Dimethylphenol
Concen: 27.55 ng
RT: 10.17 min Scan# 1247
Delta R.T. 0.02 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:122 Resp: 298504

Ion	Ratio	Lower	Upper
122	100		
107	144.9	117.0	175.4
121	47.6	50.1	75.1#

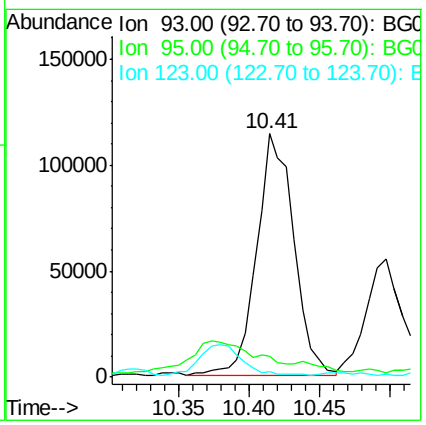


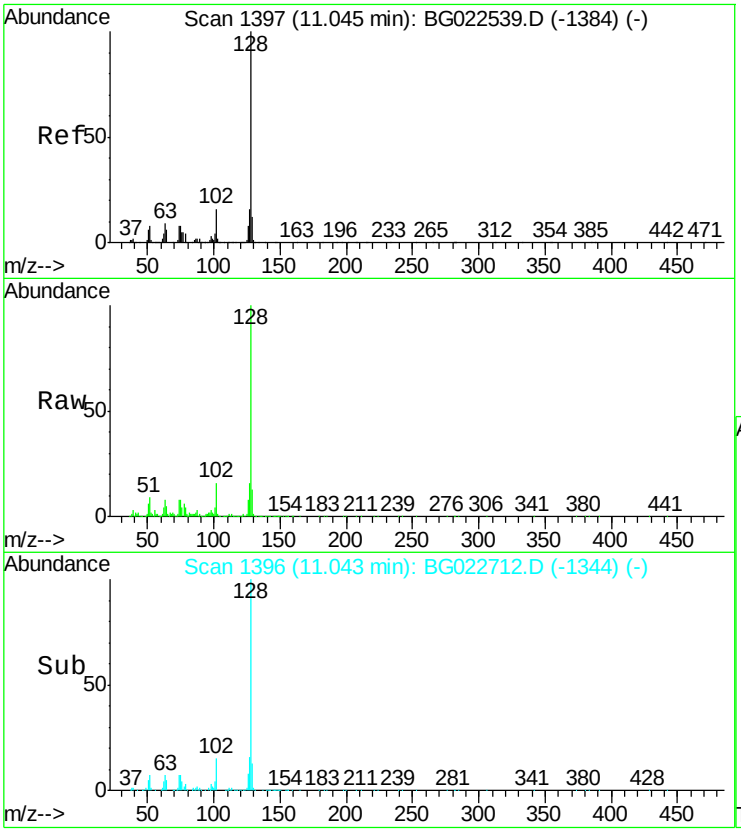


#28
bis(2-Chloroethoxy)methane
Concen: 13.93 ng
RT: 10.41 min Scan# 1289
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion: 93 Resp: 210359

Ion	Ratio	Lower	Upper
93	100		
95	8.8	25.4	38.2#
123	2.5	8.2	12.2#



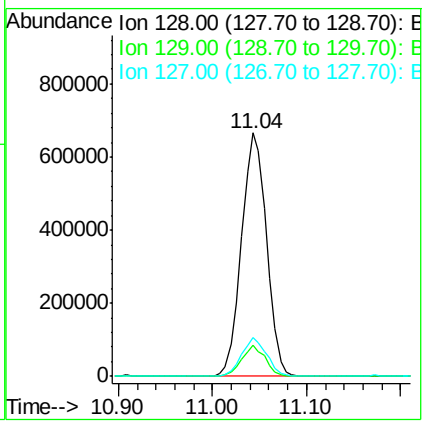


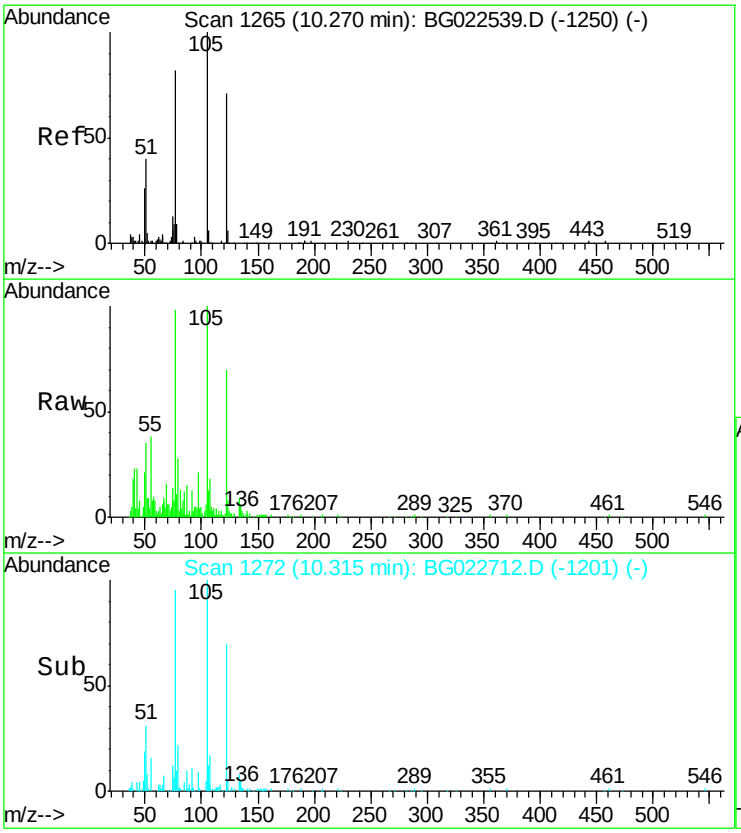
#31
Naphthalene
Concen: 40.49 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:128 Resp: 1227180

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.4	14.0
127	16.2	11.3	16.9

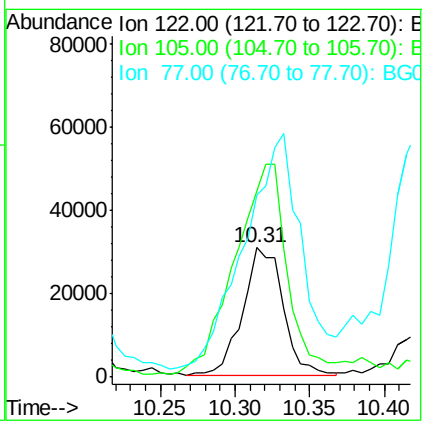


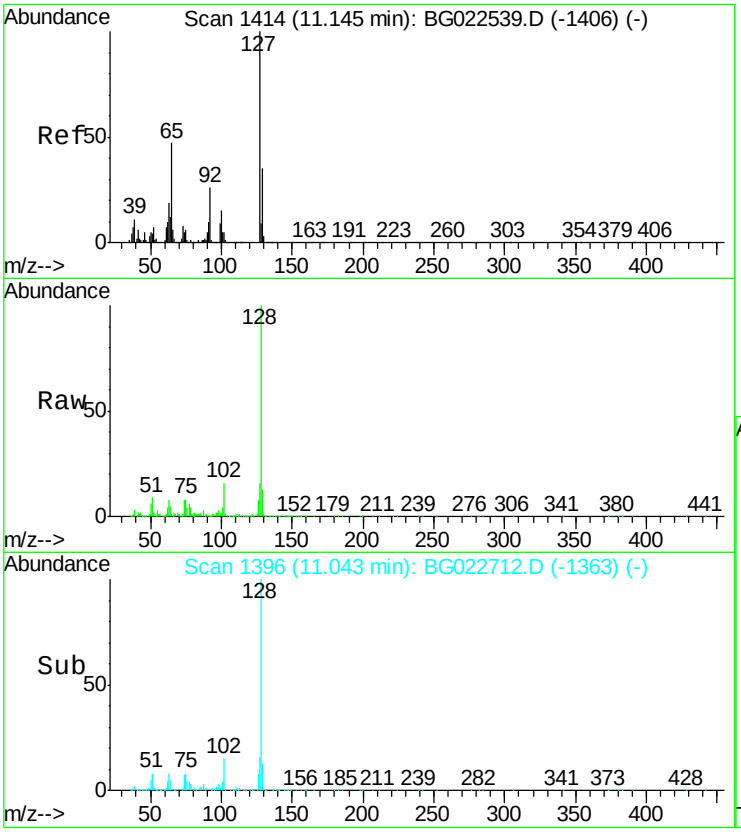


#32
Benzoic acid
Concen: 12.46 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.11 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:122 Resp: 58223

Ion	Ratio	Lower	Upper
122	100		
105	143.3	117.2	157.2
77	140.3	109.2	149.2



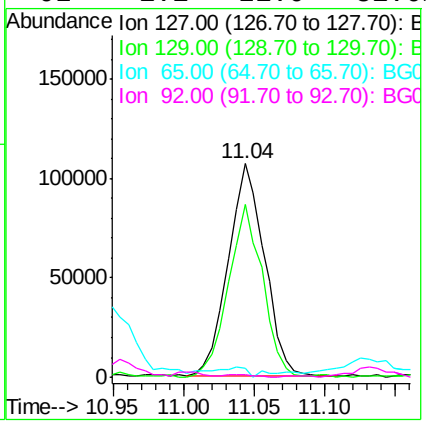


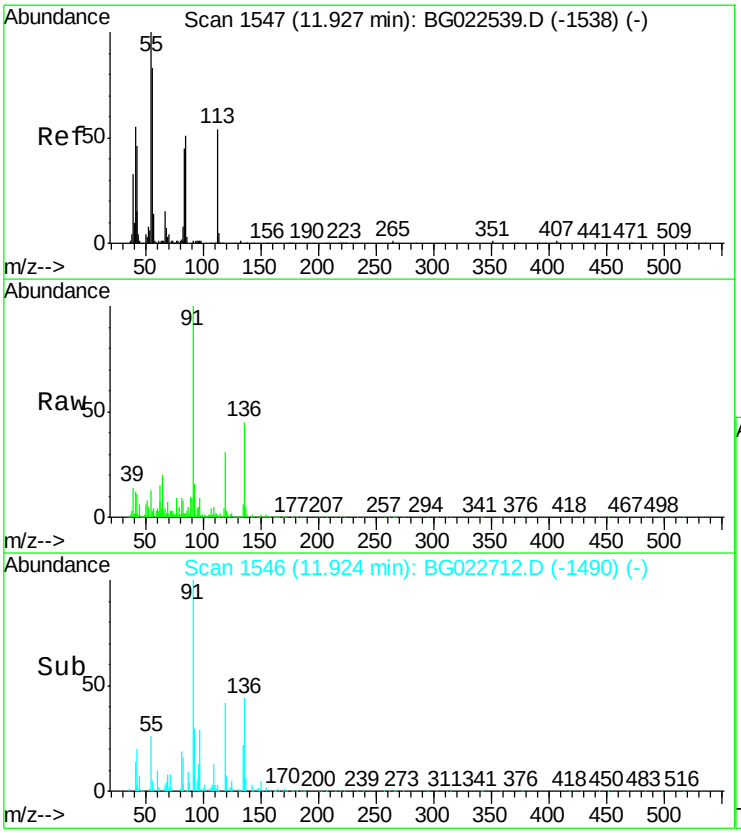
#33
4-Chloroaniline
Concen: 14.75 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.11 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:127 Resp: 192570

Ion	Ratio	Lower	Upper
127	100		
129	80.8	27.9	41.9#
65	4.4	36.8	55.2#
92	1.1	21.0	31.6#

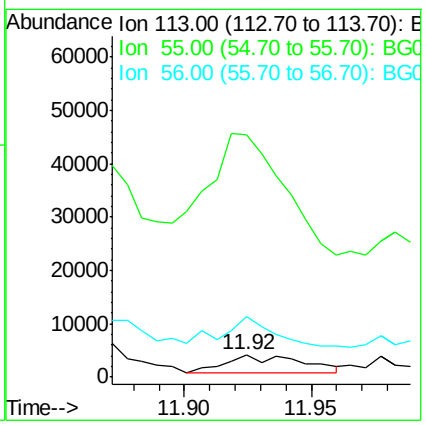


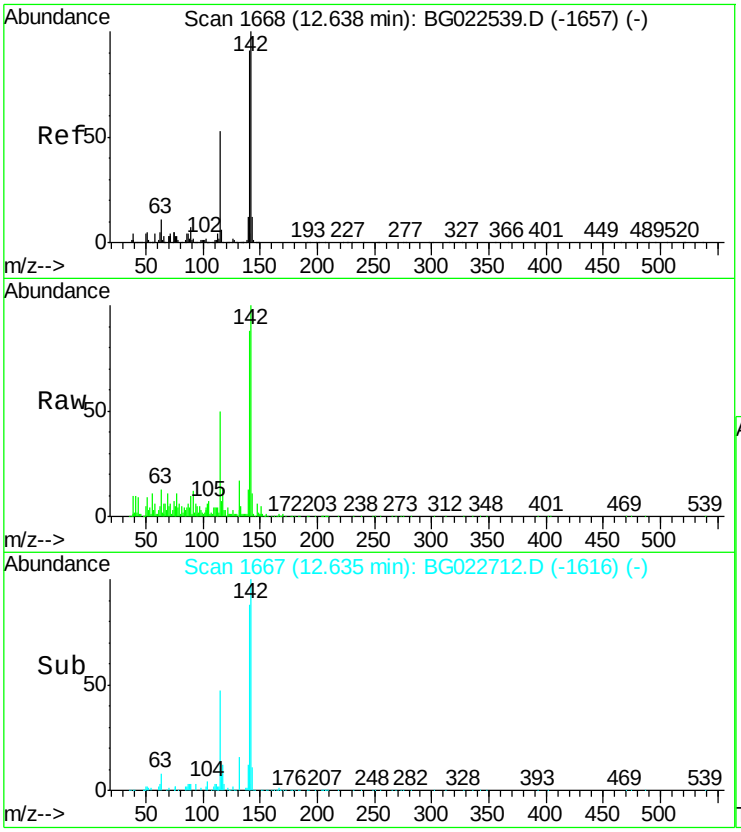


#35
Caprolactam
Concen: 2.16 ng
RT: 11.92 min Scan# 1546
Delta R.T. 0.03 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:113 Resp: 7169

Ion	Ratio	Lower	Upper
113	100		
55	1096.0	154.5	194.5#
56	275.7	125.1	165.1#



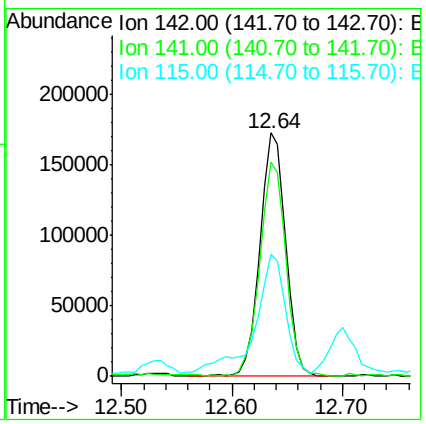


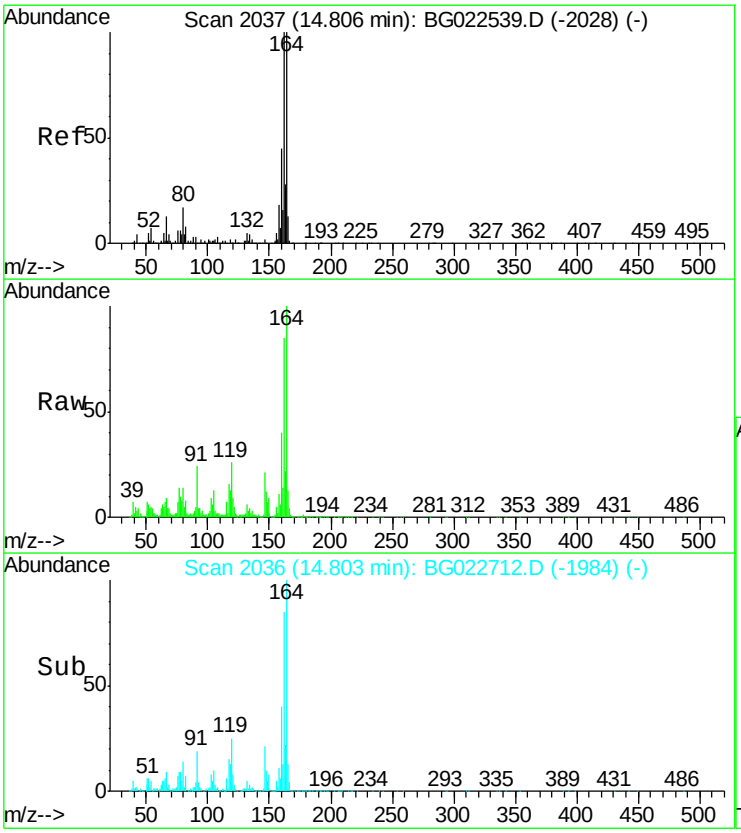
#37
2-Methylnaphthalene
Concen: 12.00 ng
RT: 12.64 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:142 Resp: 281982

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.2	105.2
115	50.1	41.7	62.5

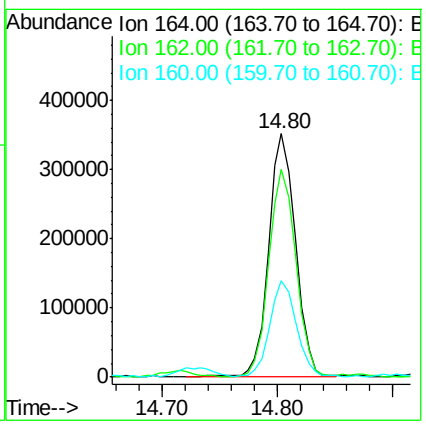


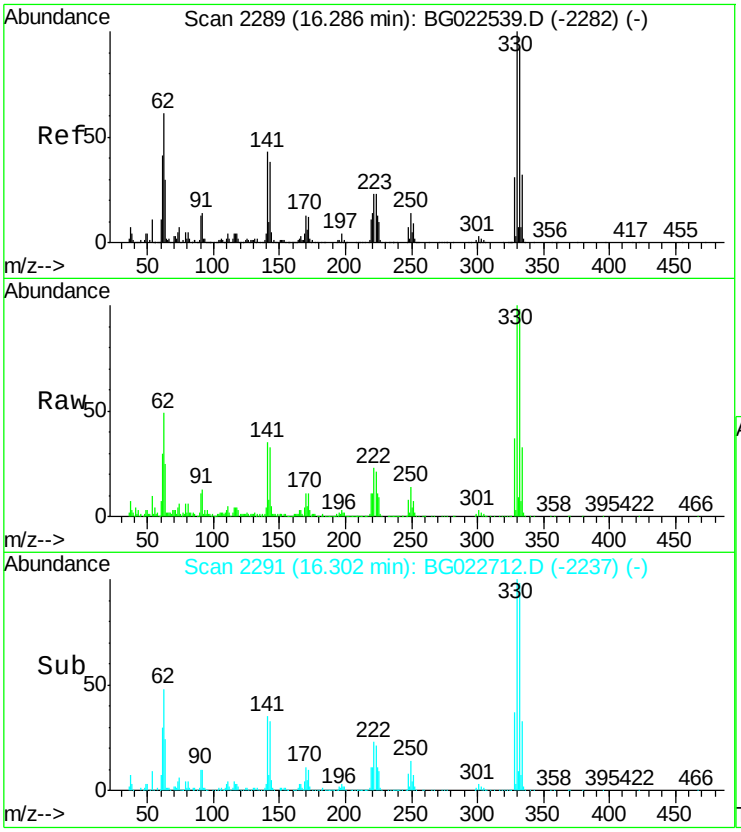


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:164 Resp: 565687

Ion	Ratio	Lower	Upper
164	100		
162	85.2	87.7	131.5#
160	39.7	37.2	55.8



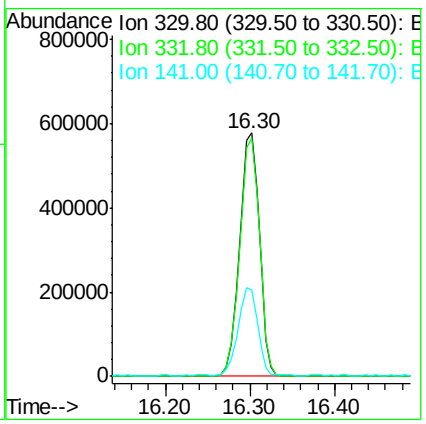


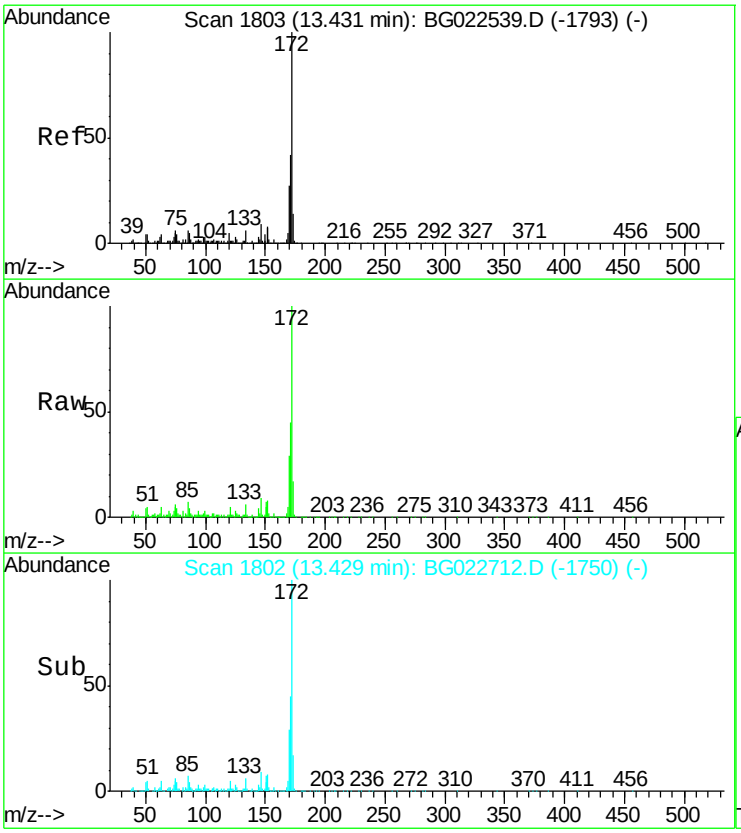
#41
2,4,6-Tribromophenol
Concen: 104.70 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:330 Resp: 931553

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	35.7	31.7	47.5

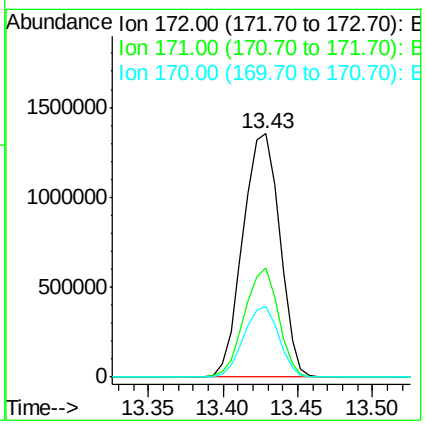


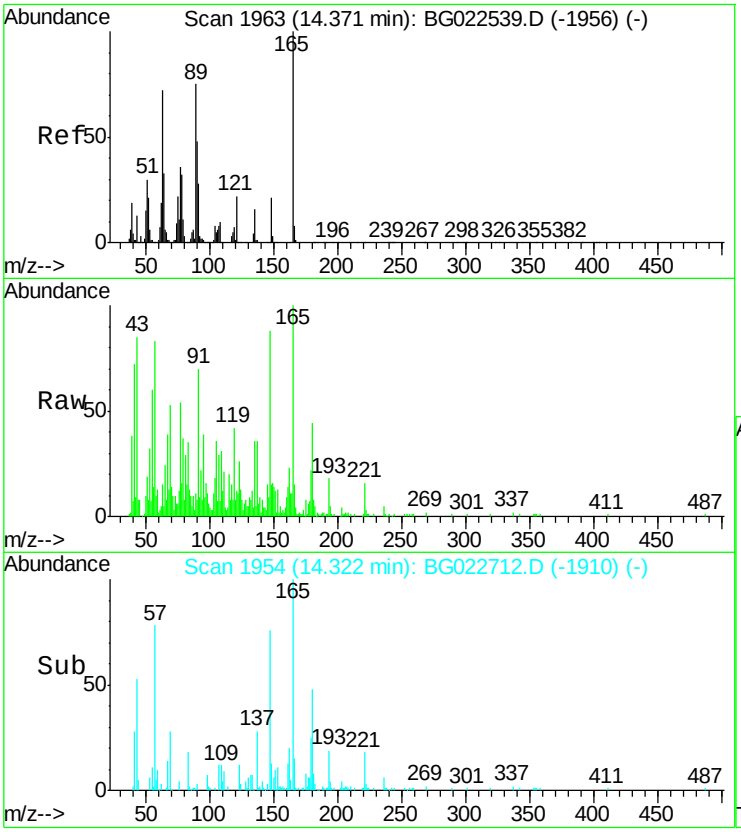


#44
2-Fluorobiphenyl
Concen: 64.86 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:172 Resp: 2313548

Ion	Ratio	Lower	Upper
172	100		
171	45.0	31.6	47.4
170	29.0	21.3	31.9



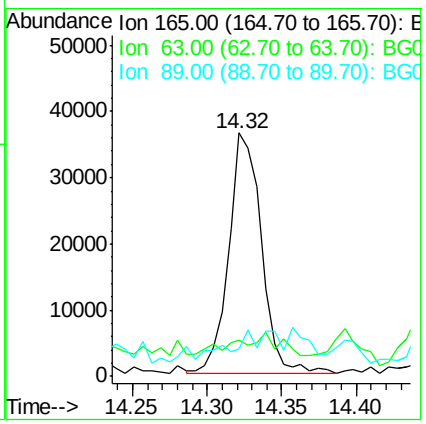


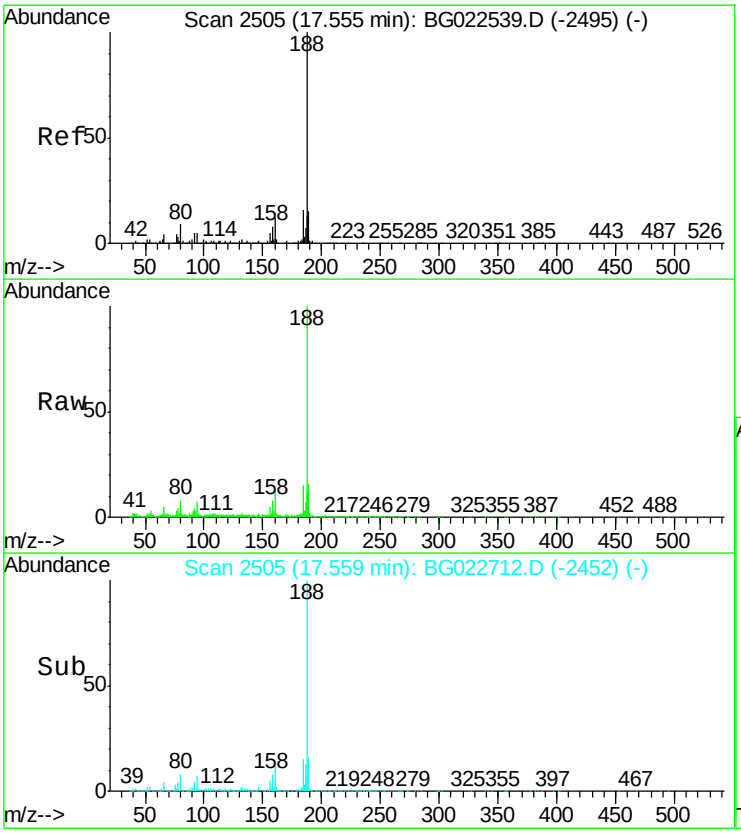
#50
2,6-Dinitrotoluene
Concen: 5.40 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.04 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:165 Resp: 55032

Ion	Ratio	Lower	Upper
165	100		
63	15.0	64.3	96.5#
89	11.1	64.3	96.5#

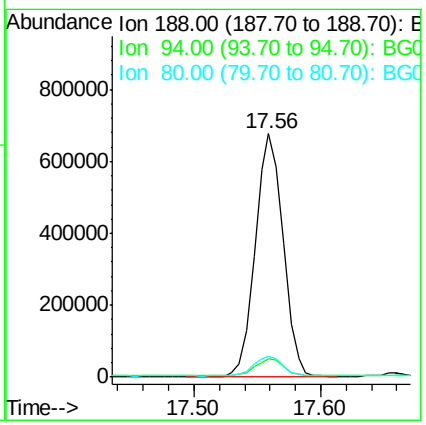


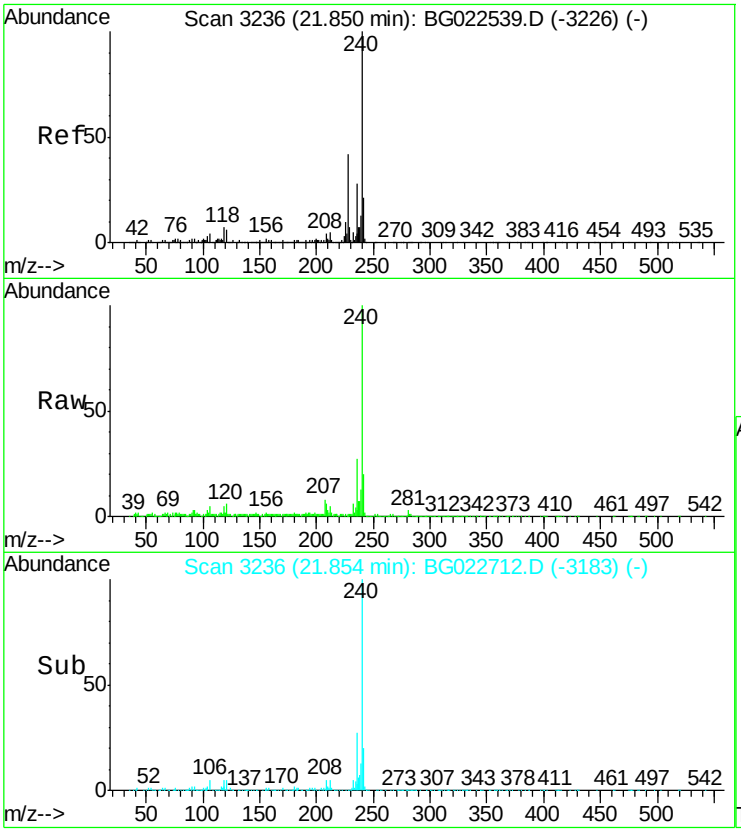


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:188 Resp: 1037883

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	8.5	7.2	10.8



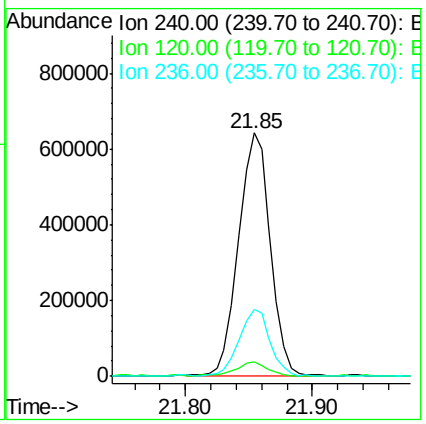


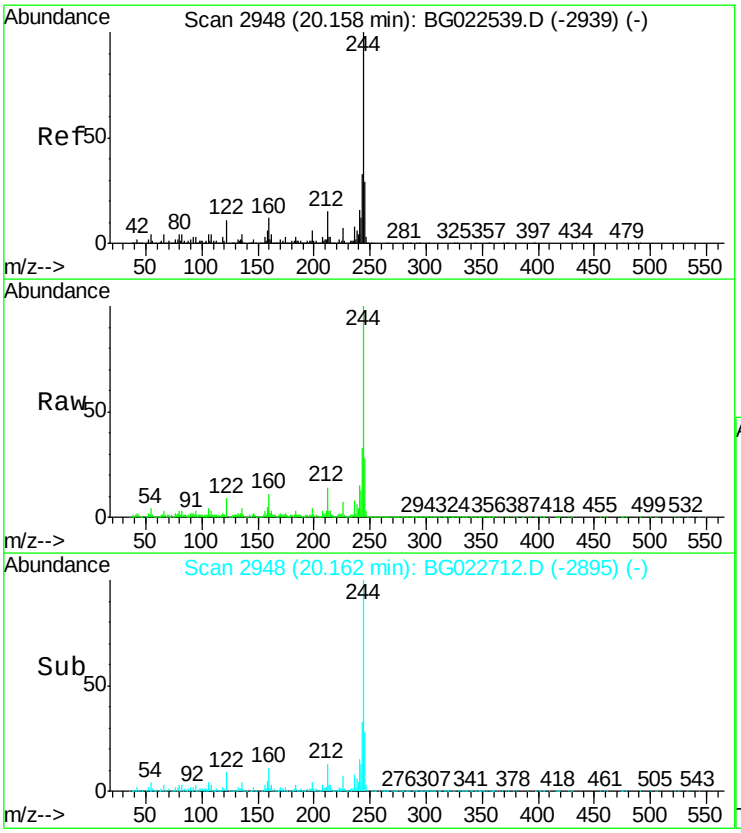
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:240 Resp: 1101439

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	27.4	21.1	31.7

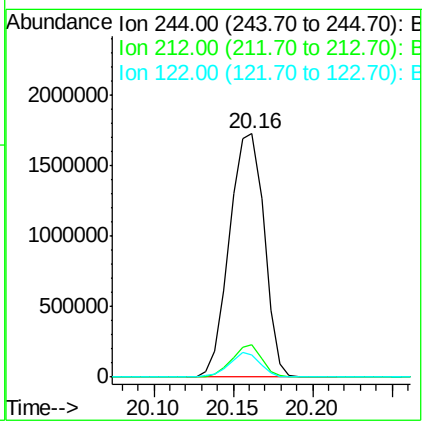


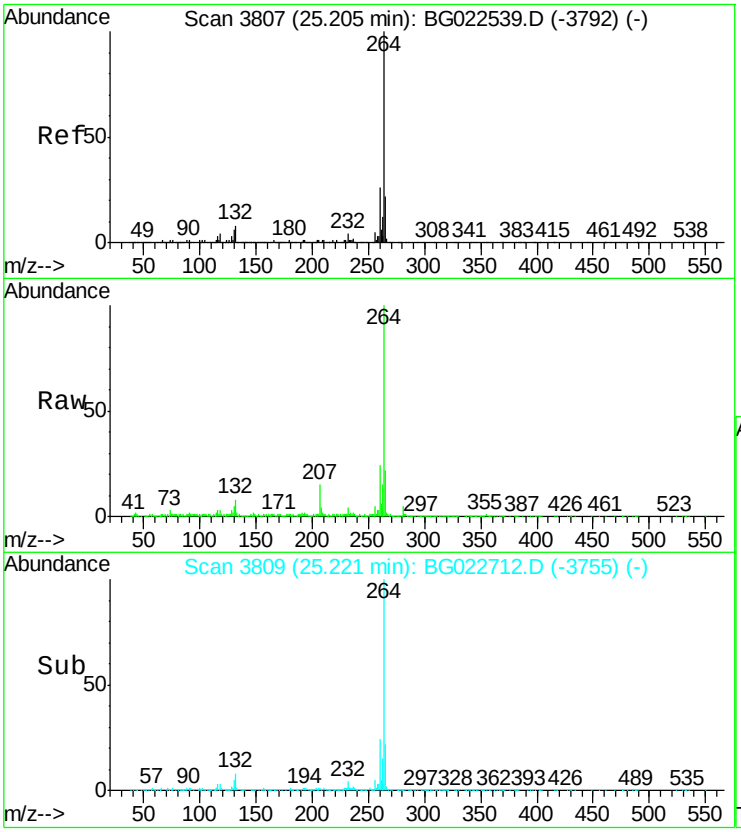


#78
Terphenyl-d14
Concen: 62.94 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022712.D
Acq: 30 Jun 2016 3:19

Tgt Ion:244 Resp: 2616426

Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	8.9	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: BG022712.D
Acq: 30 Jun 2016 3:19

Instrument :
BNA_G
ClientSampleId :
S8-0578

Tgt Ion:264 Resp: 1140691

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.3	18.9	28.3