Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022878.D
Acq On : 6 Jul 2016 16:04
Operator : UM/SJ
Sample : H3802-01 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9939

Quant Time: Jul 06 18:09:46 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	128083	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	538553	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	419228	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	980770	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1140118	20.00	ng	0.00
86) Perylene-d12	25.22	264	1157803	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	25559	3.20	ng	0.00
7) Phenol-d6	7.30	99	34717	3.08	ng	0.00
23) Nitrobenzene-d5	9.32	82	79508	6.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	19540	2.96	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	77133	2.92	ng	-0.01
78) Terphenyl-d14	20.15	244	123055	2.86	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.27	117	16359	3.92	ng	# 1
19) n-Nitroso-di-n-propylamine	8.92	70	127233	13.57	ng	# 43
22) Acetophenone	8.97	105	61700	3.96	ng	# 37
24) Nitrobenzene	9.40	77	58946	4.19	ng	# 2
25) Isophorone	9.90	82	321911	13.03	ng	# 1
26) 2-Nitrophenol	10.09	139	26908	5.31	ng	# 1
32) Benzoic acid	10.20	122	25094	8.66	ng	# 48
35) Caprolactam	11.88	113	18094	6.09	ng	# 1

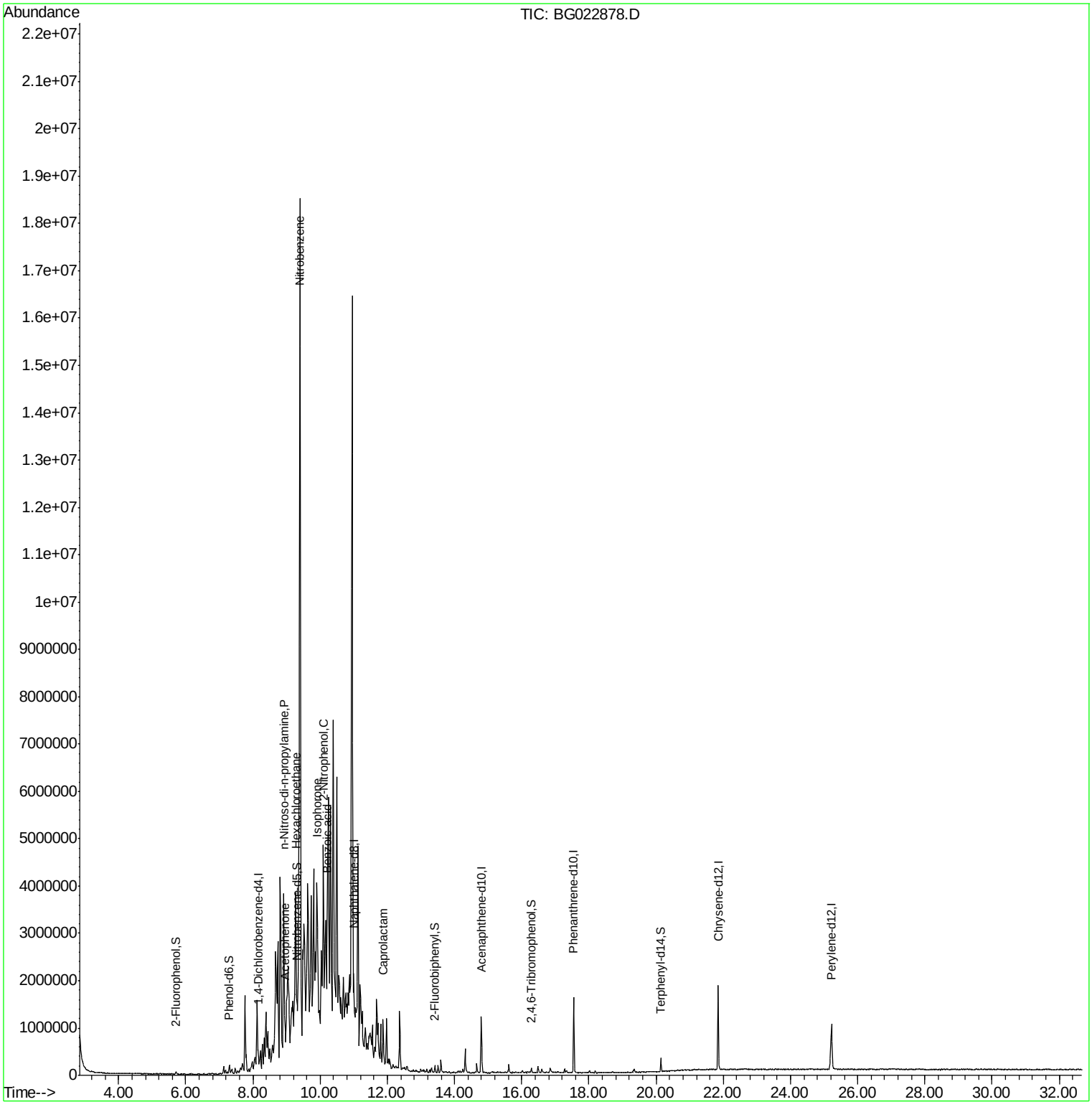
(#) = qualifier out of range (m) = manual integration (+) = signals summed

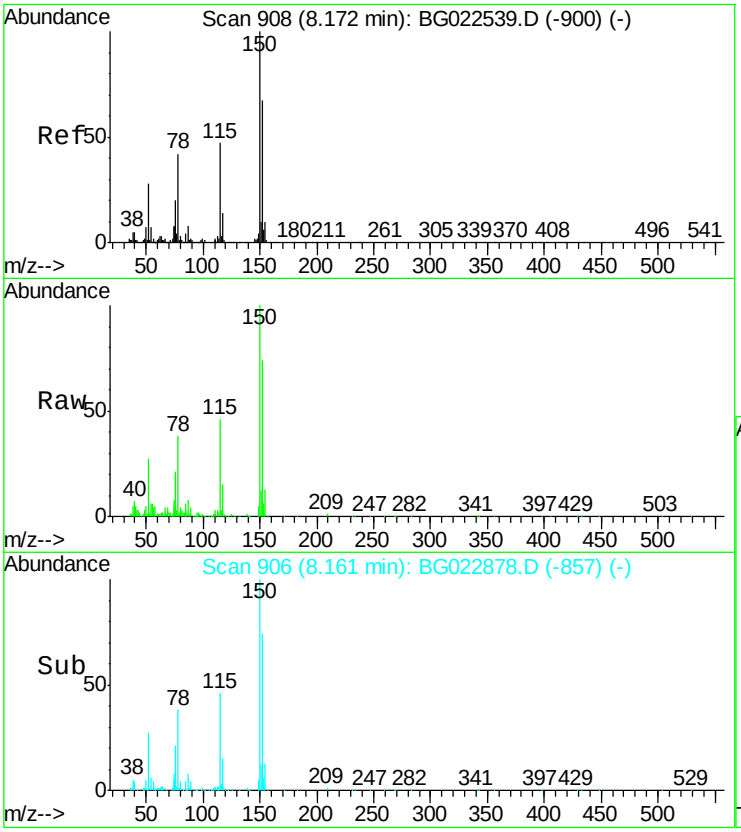
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022878.D
Acq On : 6 Jul 2016 16:04
Operator : UM/SJ
Sample : H3802-01 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9939

Quant Time: Jul 06 18:09:46 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



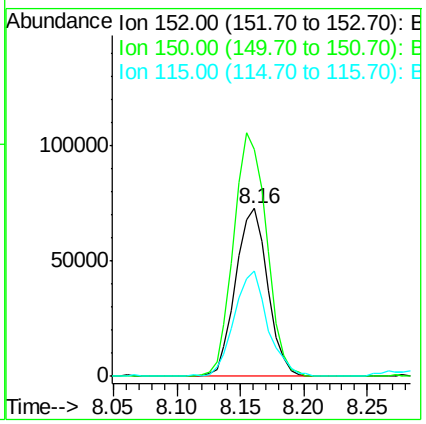


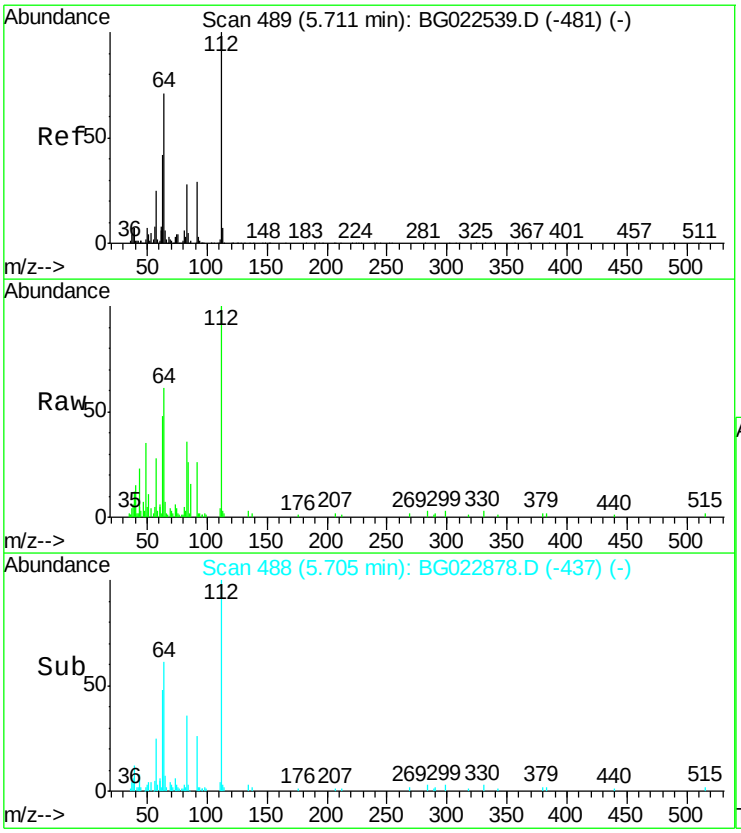
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:152 Resp: 128083

Ion	Ratio	Lower	Upper
152	100		
150	135.3	144.7	217.1#
115	62.9	64.0	96.0#

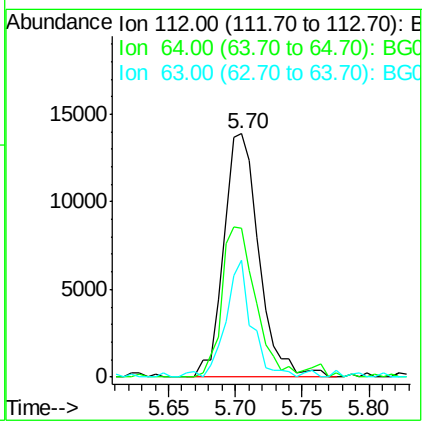


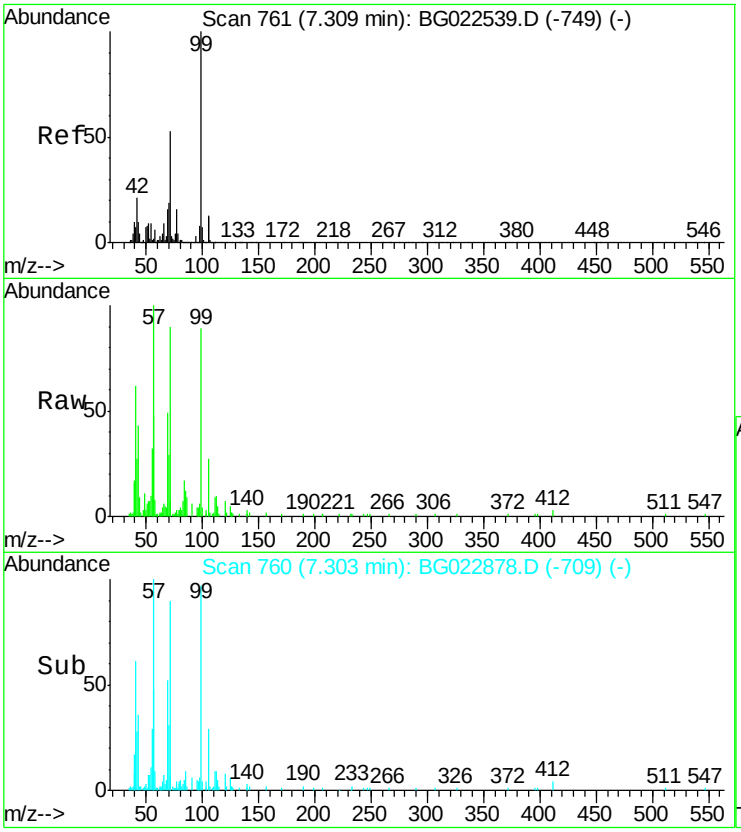


#5
2-Fluorophenol
Concen: 3.20 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:112 Resp: 25559

Ion	Ratio	Lower	Upper
112	100		
64	61.4	59.0	88.4
63	47.9	37.8	56.8



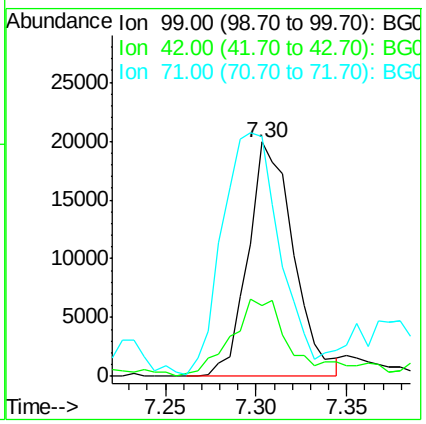


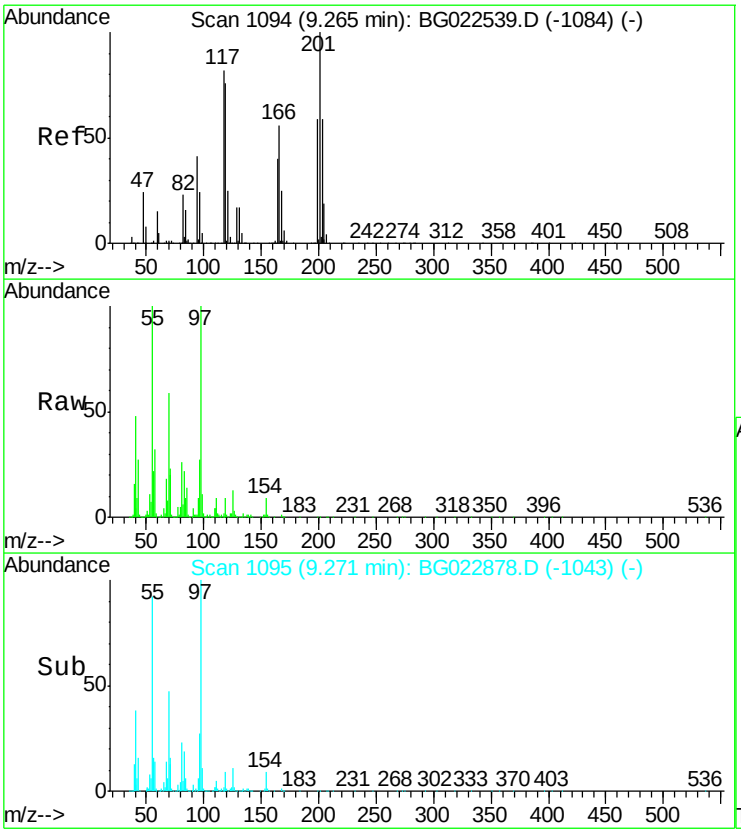
#7
Phenol-d6
Concen: 3.08 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion: 99 Resp: 34717

Ion	Ratio	Lower	Upper
99	100		
42	30.4	17.8	26.6#
71	102.0	41.5	62.3#

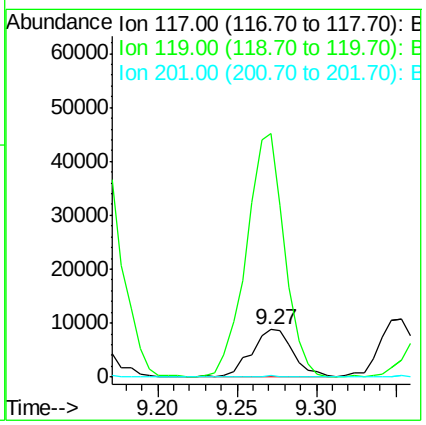


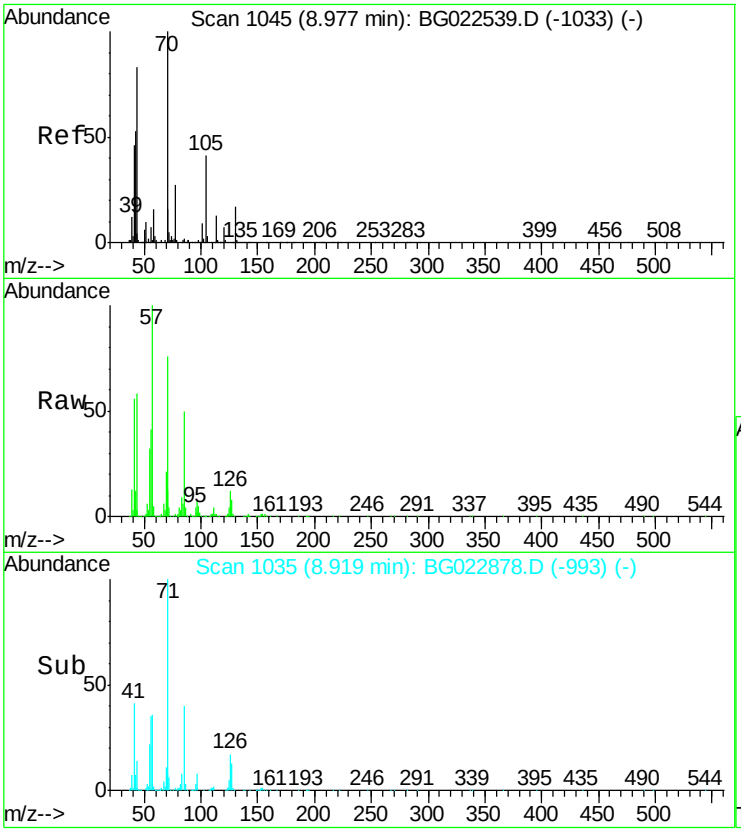


#18
Hexachloroethane
Concen: 3.92 ng
RT: 9.27 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:117 Resp: 16359

Ion	Ratio	Lower	Upper
117	100		
119	515.6	73.7	110.5#
201	4.4	88.7	133.1#



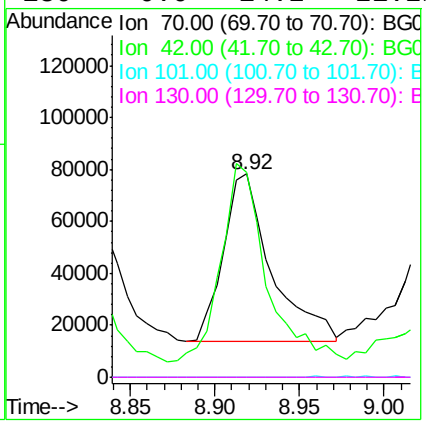


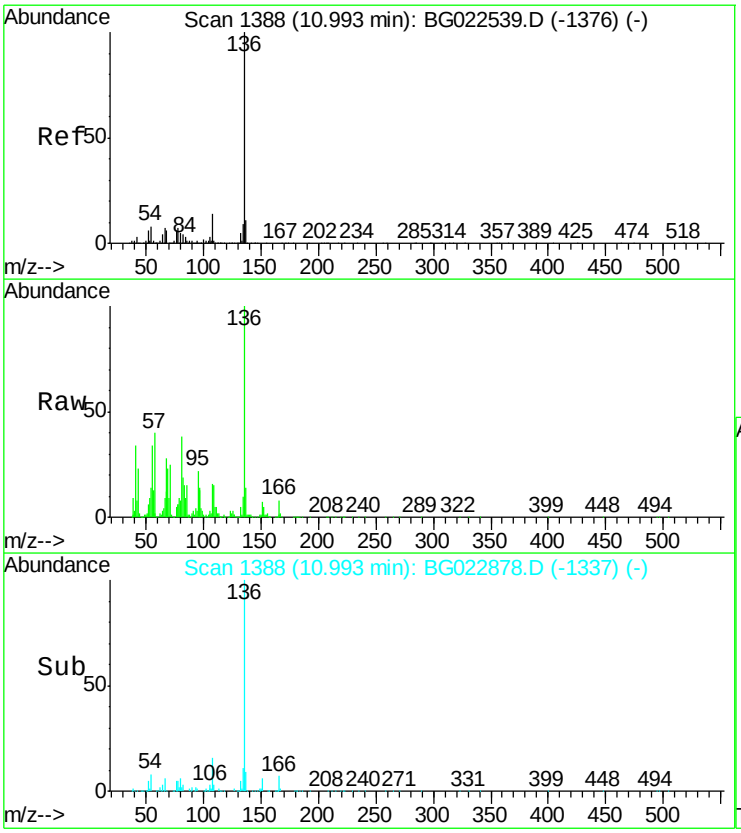
#19
n-Nitroso-di-n-propylamine
Concen: 13.57 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion: 70 Resp: 127233

Ion	Ratio	Lower	Upper
70	100		
42	100.6	42.1	63.1#
101	0.0	7.2	10.8#
130	0.0	14.2	21.2#

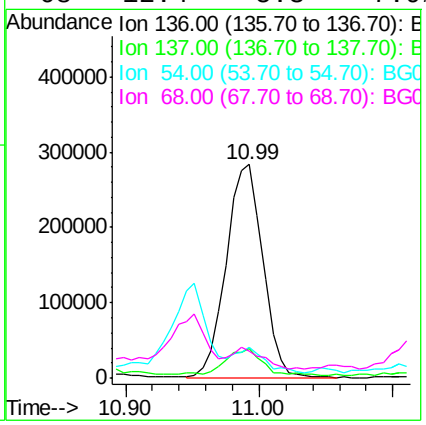


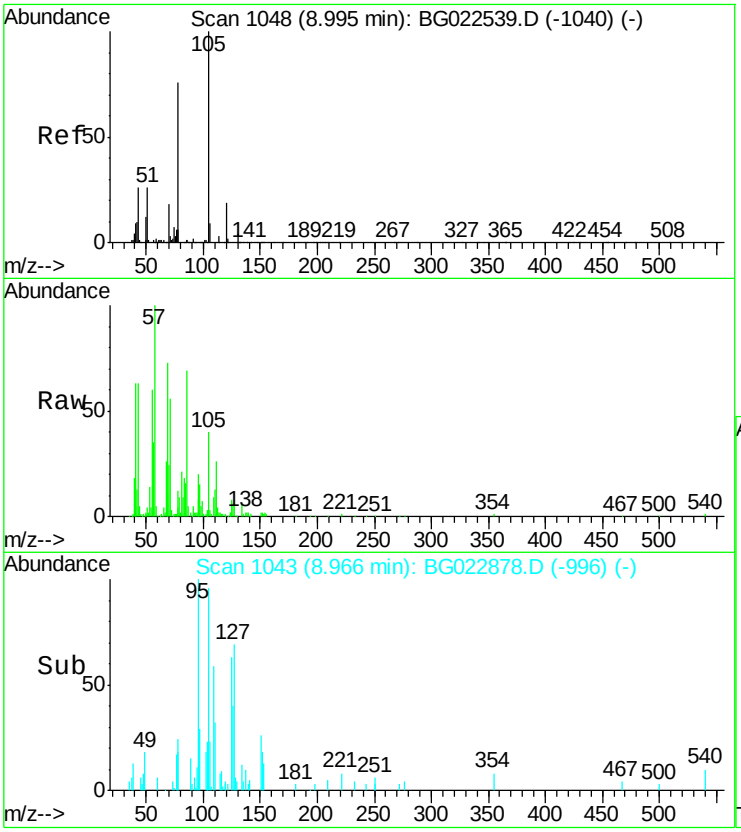


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:136 Resp: 538553

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.6	14.4
54	14.2	7.3	10.9#
68	12.4	5.3	7.9#



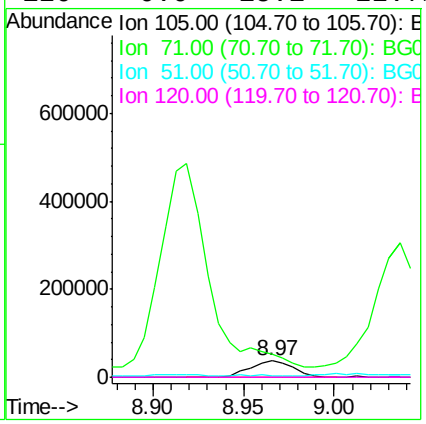


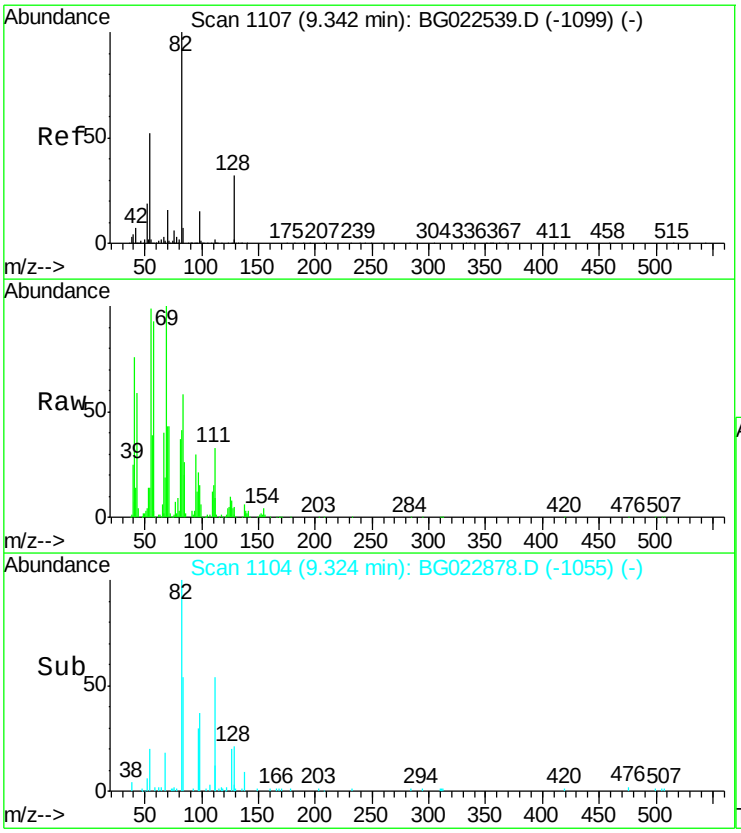
#22
Acetophenone
Concen: 3.96 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument : BNA_G
ClientSampleId : LAR9939

Tgt Ion:105 Resp: 61700

Ion	Ratio	Lower	Upper
105	100		
71	138.1	2.6	3.8#
51	9.9	27.1	40.7#
120	0.0	15.1	22.7#

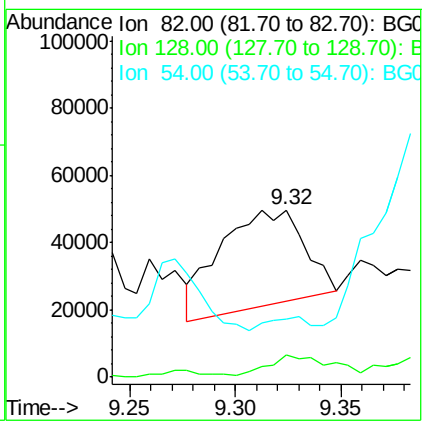


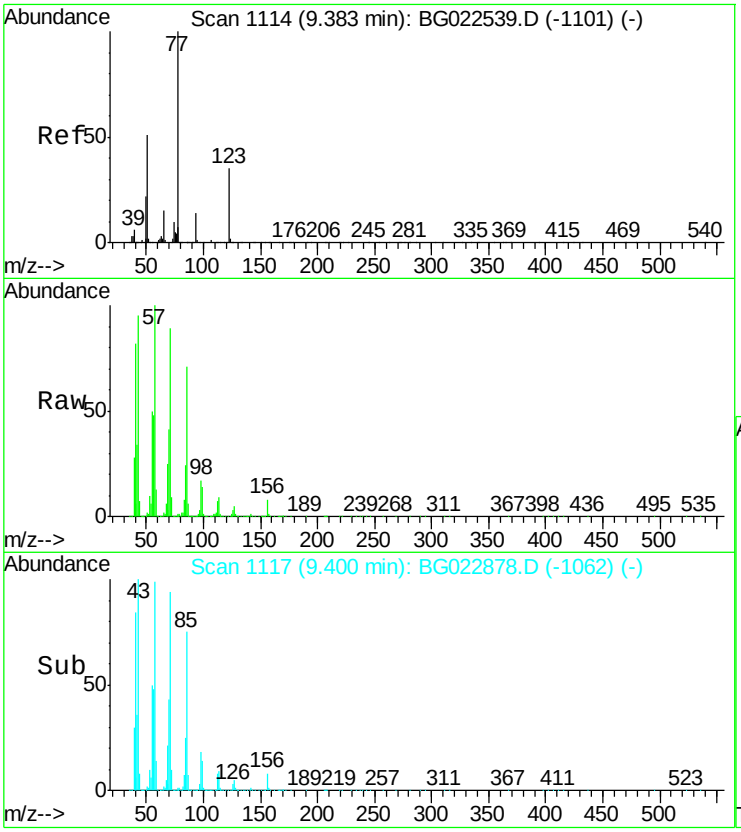


#23
Nitrobenzene-d5
Concen: 6.25 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion: 82 Resp: 79508

Ion	Ratio	Lower	Upper
82	100		
128	12.9	24.4	36.6#
54	34.9	41.4	62.0#



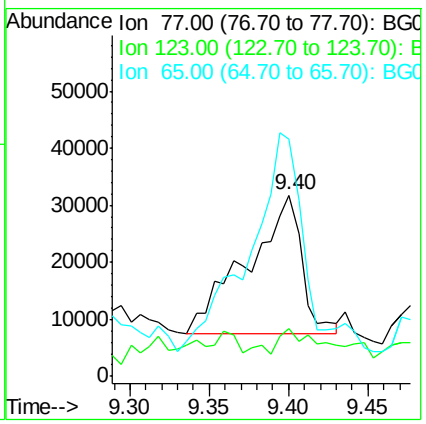


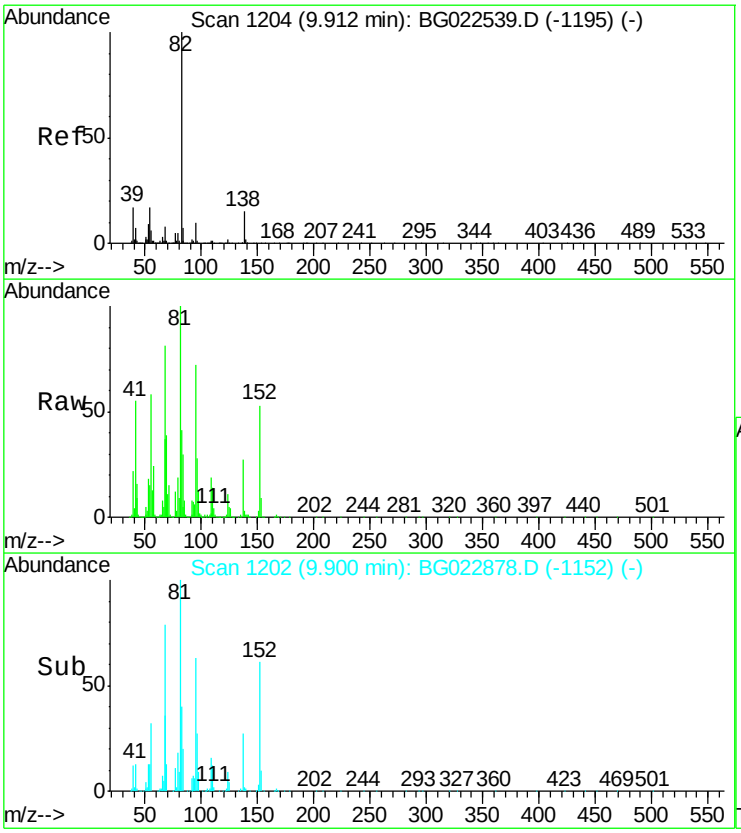
#24
Nitrobenzene
Concen: 4.19 ng
RT: 9.40 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion: 77 Resp: 58946

Ion	Ratio	Lower	Upper
77	100		
123	26.7	25.0	37.6
65	130.7	13.4	20.0#

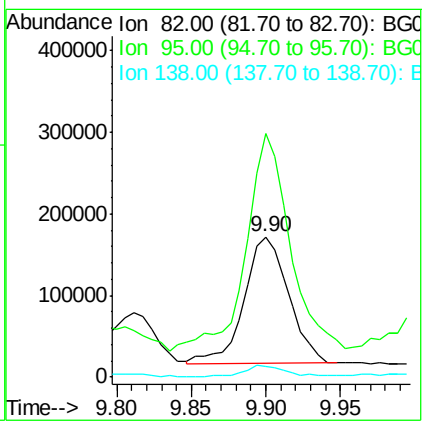


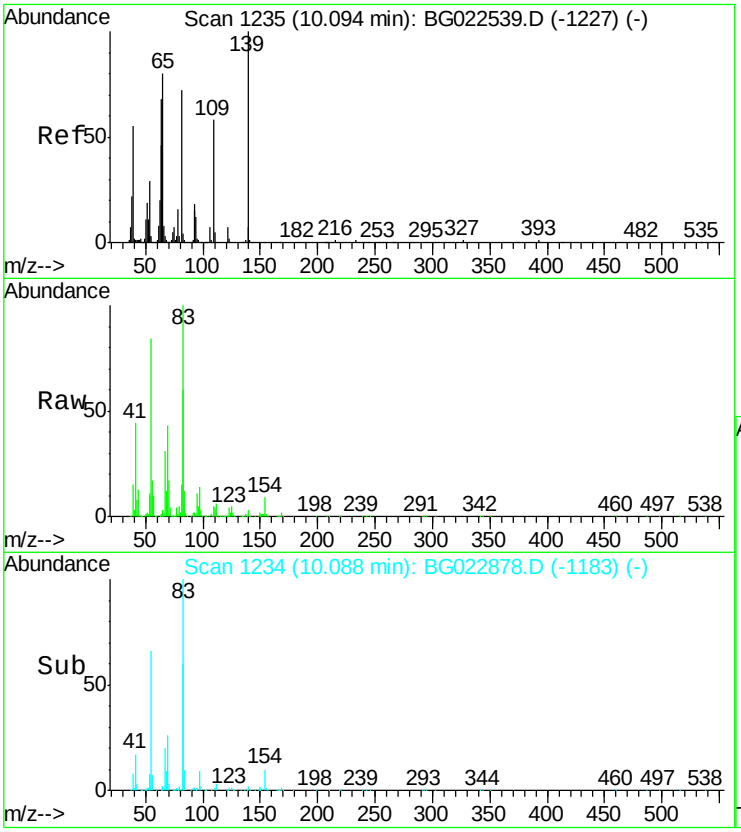


#25
Isophorone
Concen: 13.03 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion: 82 Resp: 321911

Ion	Ratio	Lower	Upper
82	100		
95	173.6	8.2	12.2#
138	7.5	10.7	16.1#



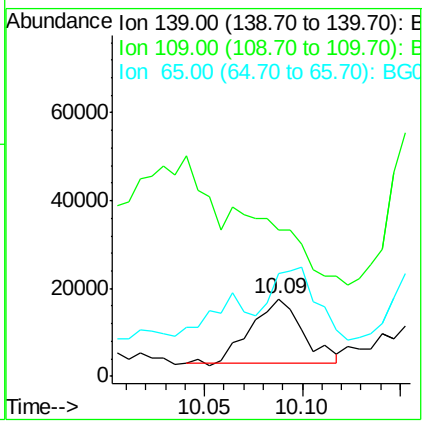


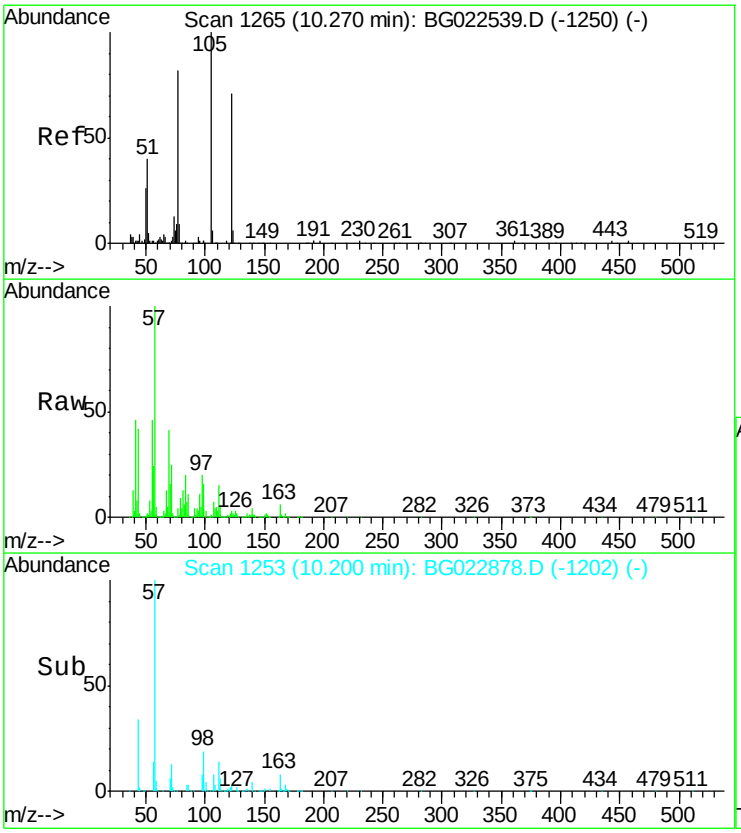
#26
2-Nitrophenol
Concen: 5.31 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:139 Resp: 26908

Ion	Ratio	Lower	Upper
139	100		
109	188.8	43.5	65.3#
65	131.8	64.3	96.5#

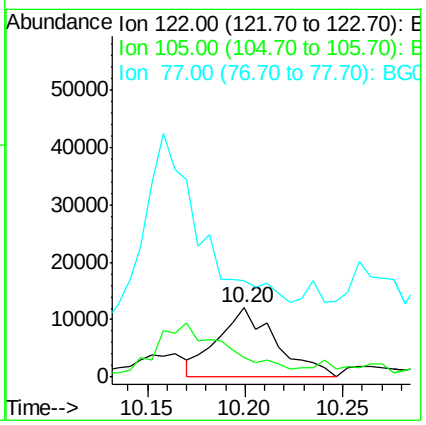


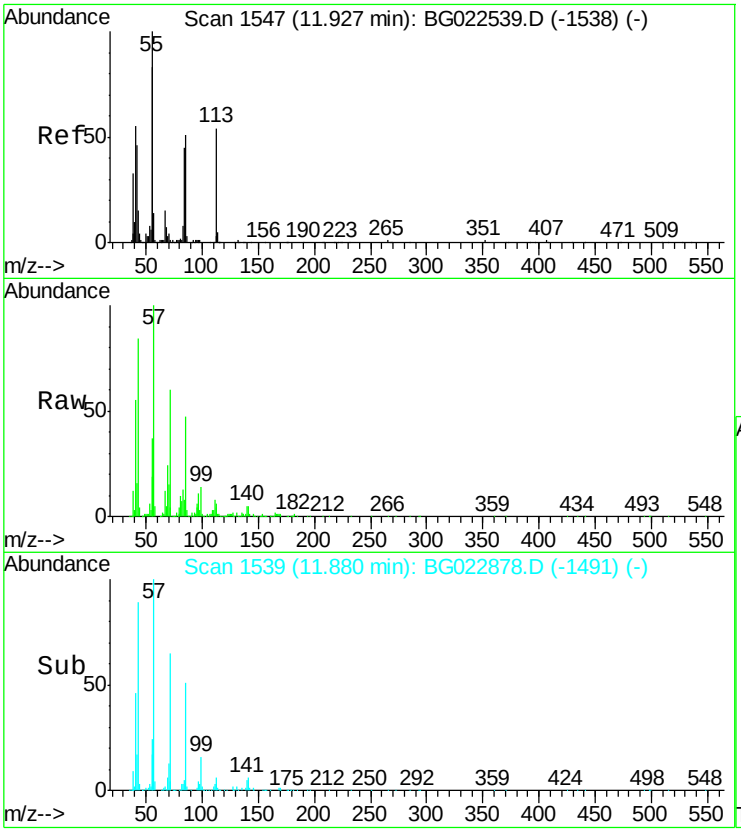


#32
Benzoic acid
Concen: 8.66 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:122 Resp: 25094

Ion	Ratio	Lower	Upper
122	100		
105	27.7	117.2	157.2#
77	140.7	109.2	149.2



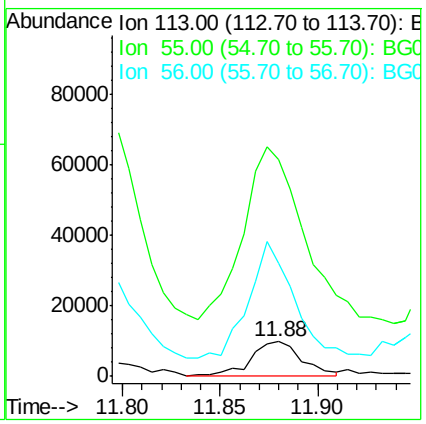


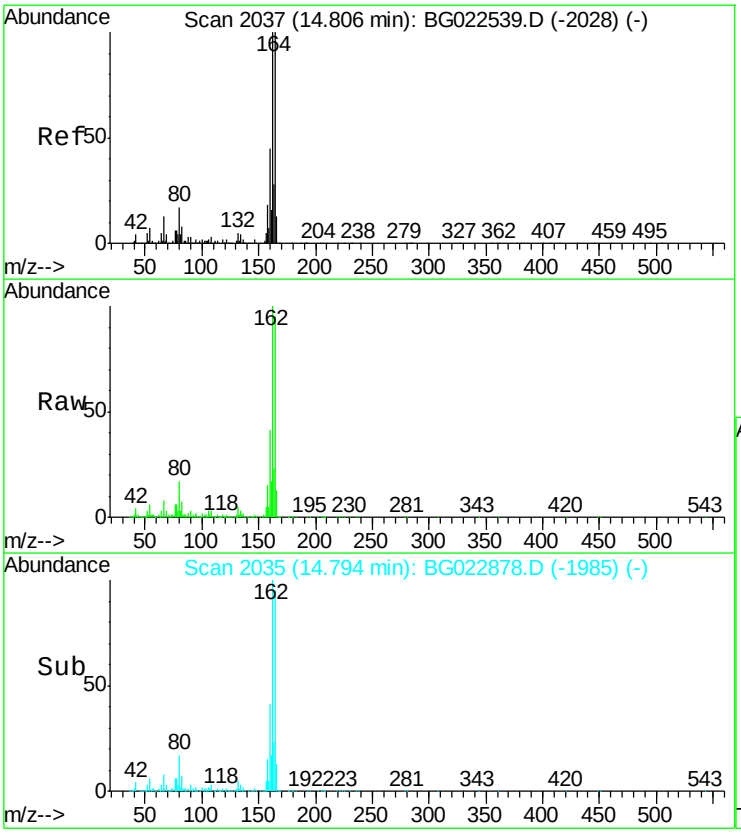
#35
Caprolactam
Concen: 6.09 ng
RT: 11.88 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:113 Resp: 18094

Ion	Ratio	Lower	Upper
113	100		
55	630.2	154.5	194.5#
56	330.0	125.1	165.1#

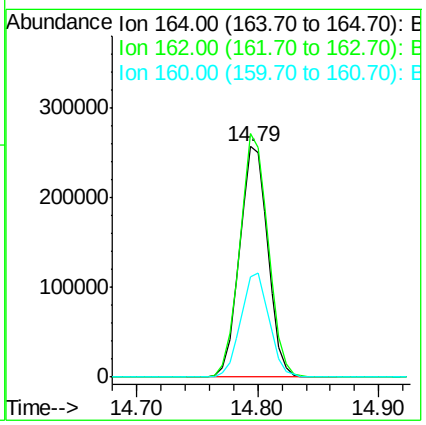


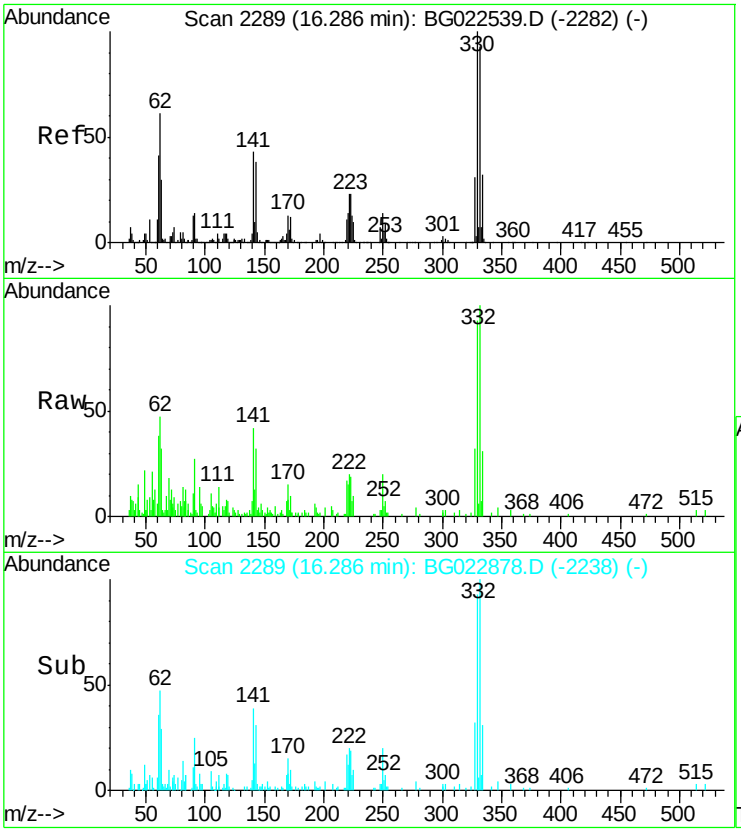


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:164 Resp: 419228

Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.7	131.5
160	43.4	37.2	55.8



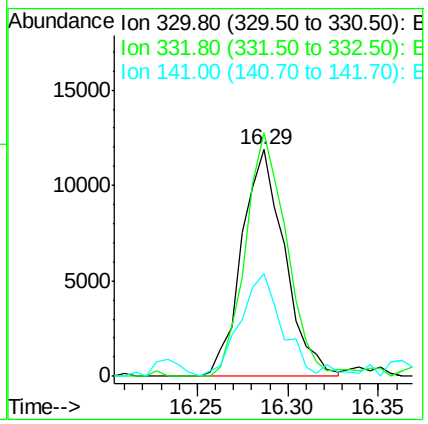


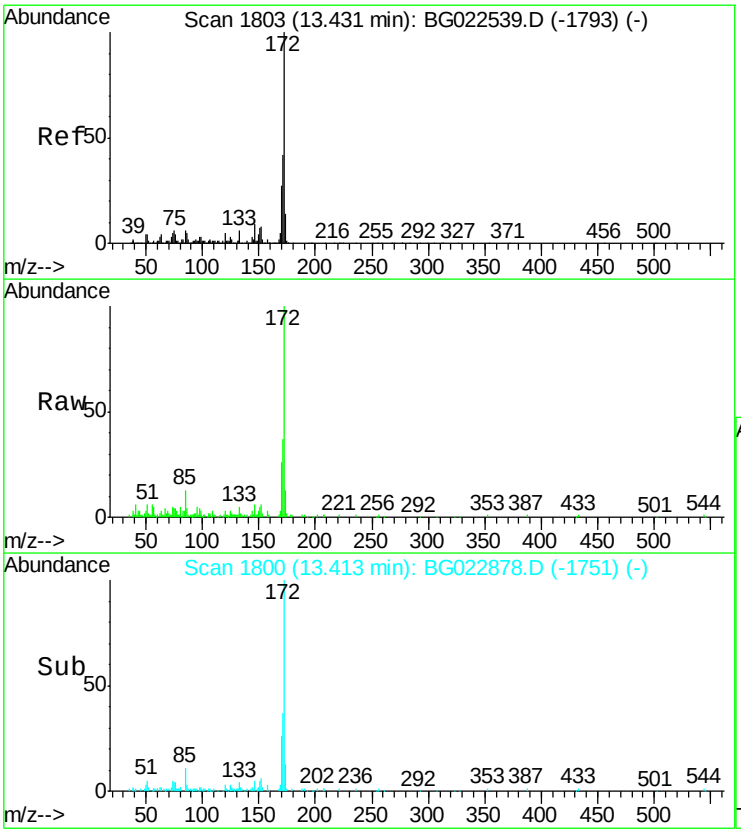
#41
2,4,6-Tribromophenol
Concen: 2.96 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:330 Resp: 19540

Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.4	116.2
141	43.7	31.7	47.5

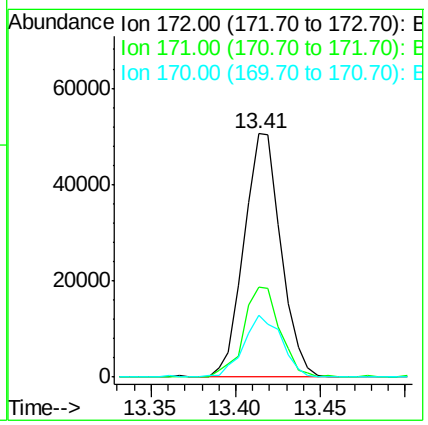


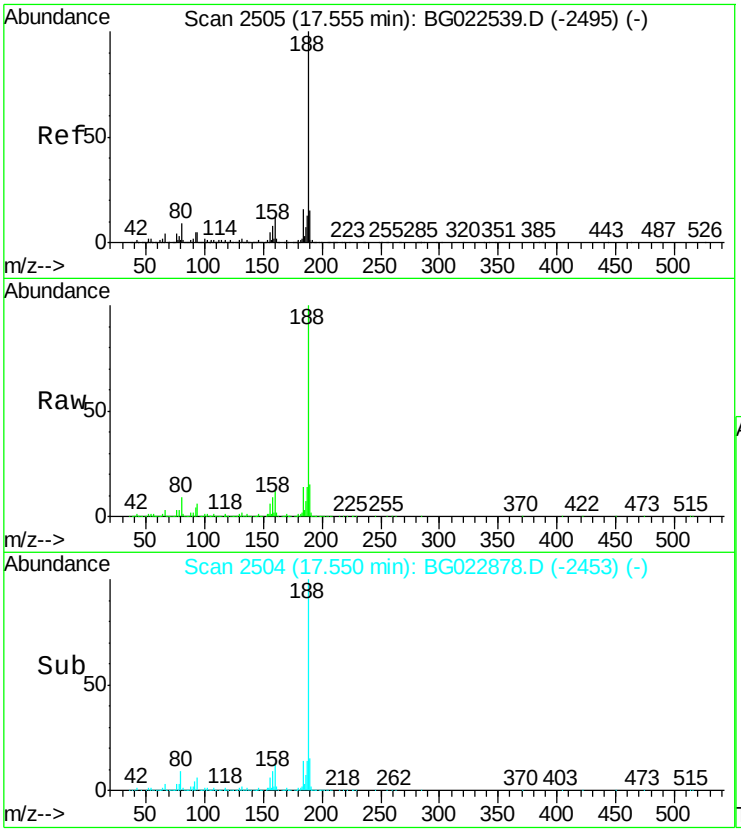


#44
2-Fluorobiphenyl
Concen: 2.92 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:172 Resp: 77133

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.6	47.4
170	25.6	21.3	31.9



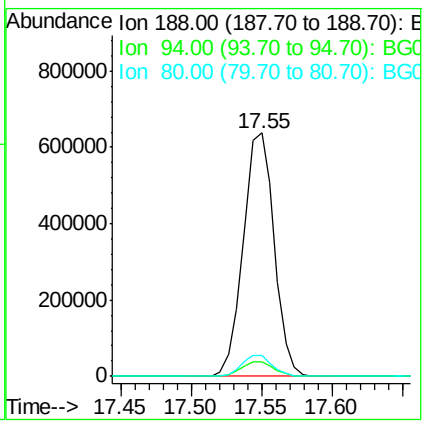


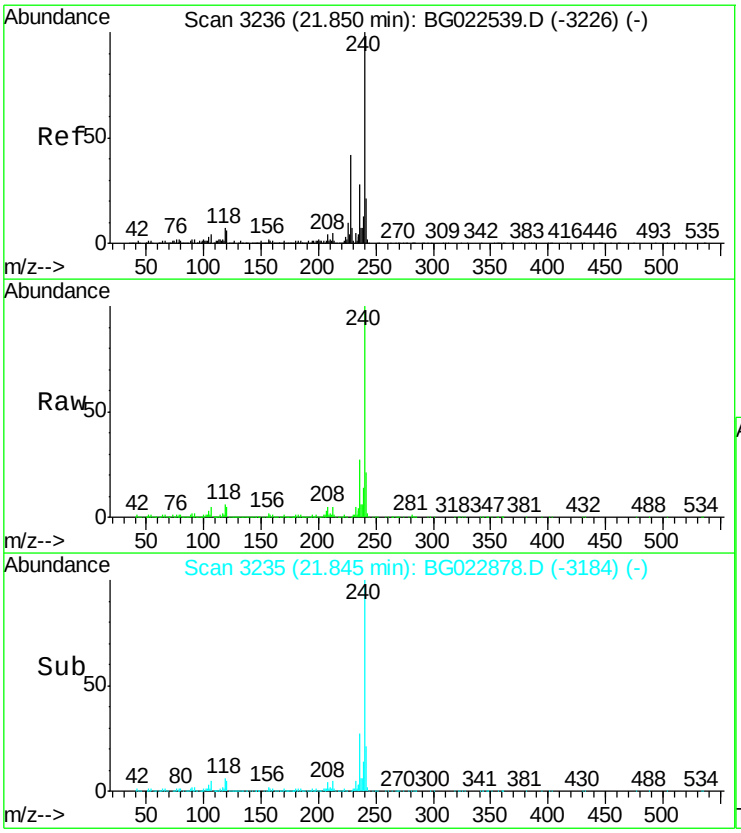
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:188 Resp: 980770

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.2	7.8
80	8.7	7.2	10.8

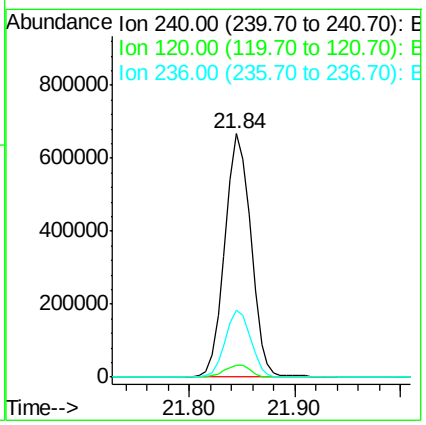


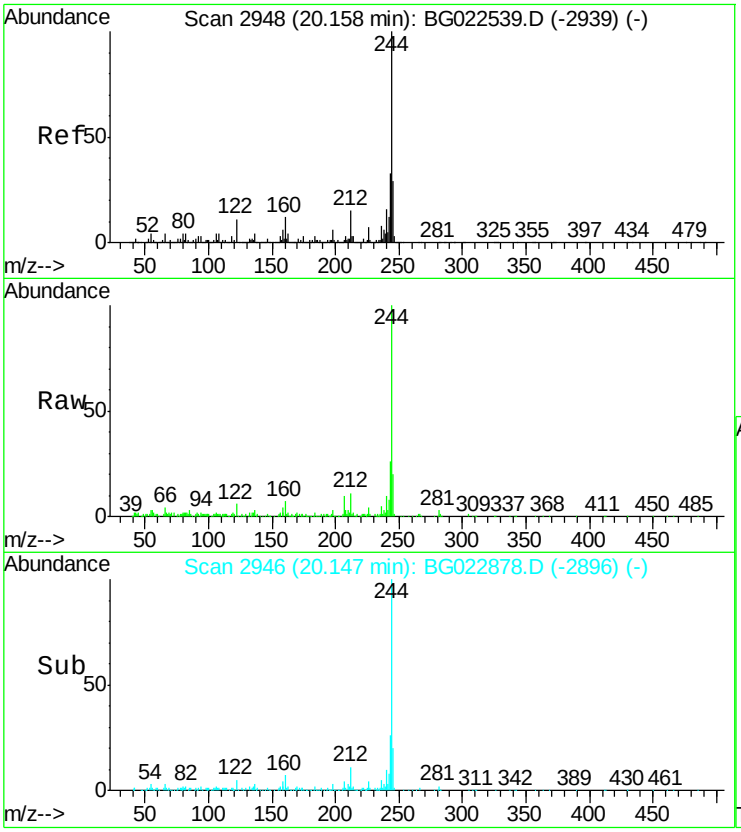


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:240 Resp: 1140118

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.1	6.1
236	27.3	21.1	31.7



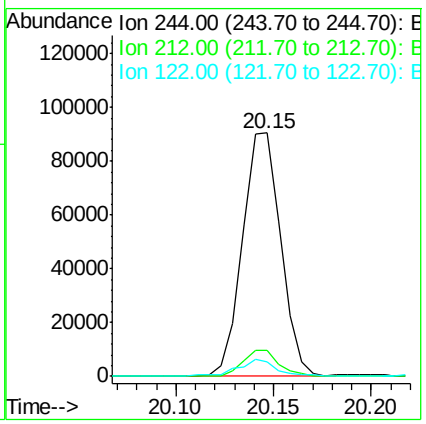


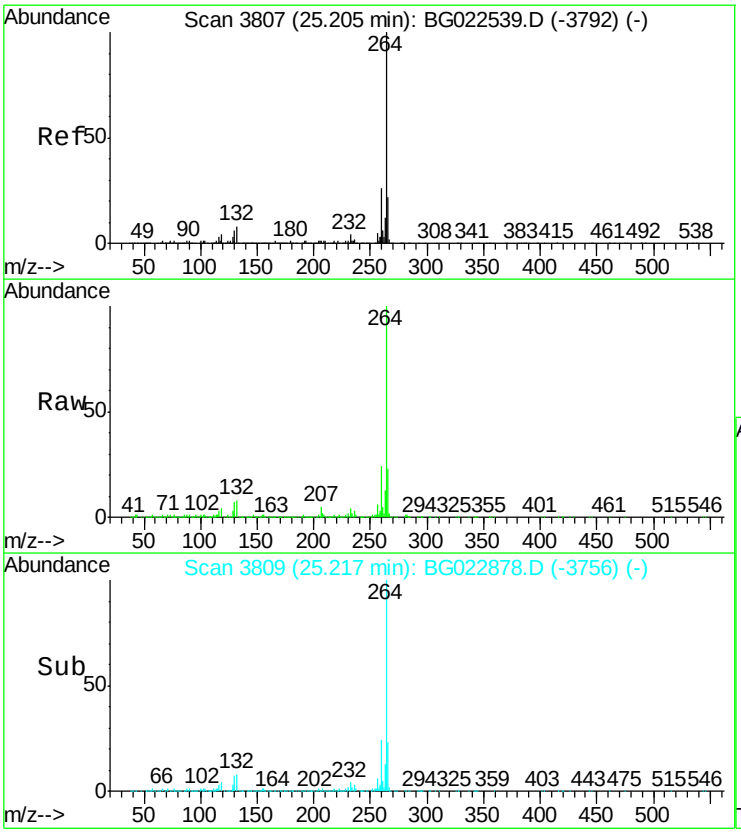
#78
Terphenyl-d14
Concen: 2.86 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BG022878.D
Acq: 6 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :
LAR9939

Tgt Ion:244 Resp: 123055

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	5.8	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: BG022878.D
Acq: 6 Jul 2016 16:04

Tgt Ion:264 Resp: 1157803

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.8	18.9	28.3