Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032375.D
Acq On : 28 Jan 2018 3:44
Operator : SJ/JU
Sample : J1311-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 28 04:32:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33710	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	126240	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	51279	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	206130	20.00	ng	0.00
75) Chrysene-d12	22.42	240	194106	20.00	ng	0.00
86) Perylene-d12	26.11	264	8971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	245002	132.93	ng	0.00
7) Phenol-d6	7.84	99	213161	91.83	ng	0.00
23) Nitrobenzene-d5	9.92	82	203594	109.11	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	228914	269.77	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	682926	165.13	ng	0.00
78) Terphenyl-d14	20.63	244	1341292	152.58	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.05	79	3735	2.215	ng	# 51
19) n-Nitroso-di-n-propylamine	9.29	70	3100	2.152	ng	# 54
32) Benzoic acid	10.85	122	138	5.344	ng	# 35
50) 2,6-Dinitrotoluene	15.36	165	6866	7.372	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	6866	5.475	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.84	198	775	5.412	ng	# 77
66) 4-Bromophenyl-phenylether	16.83	248	19340	6.594	ng	# 1
76) Benzidine	20.63	184	19990	4.118	ng	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
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Acq On : 28 Jan 2018 3:44
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jan 28 04:32:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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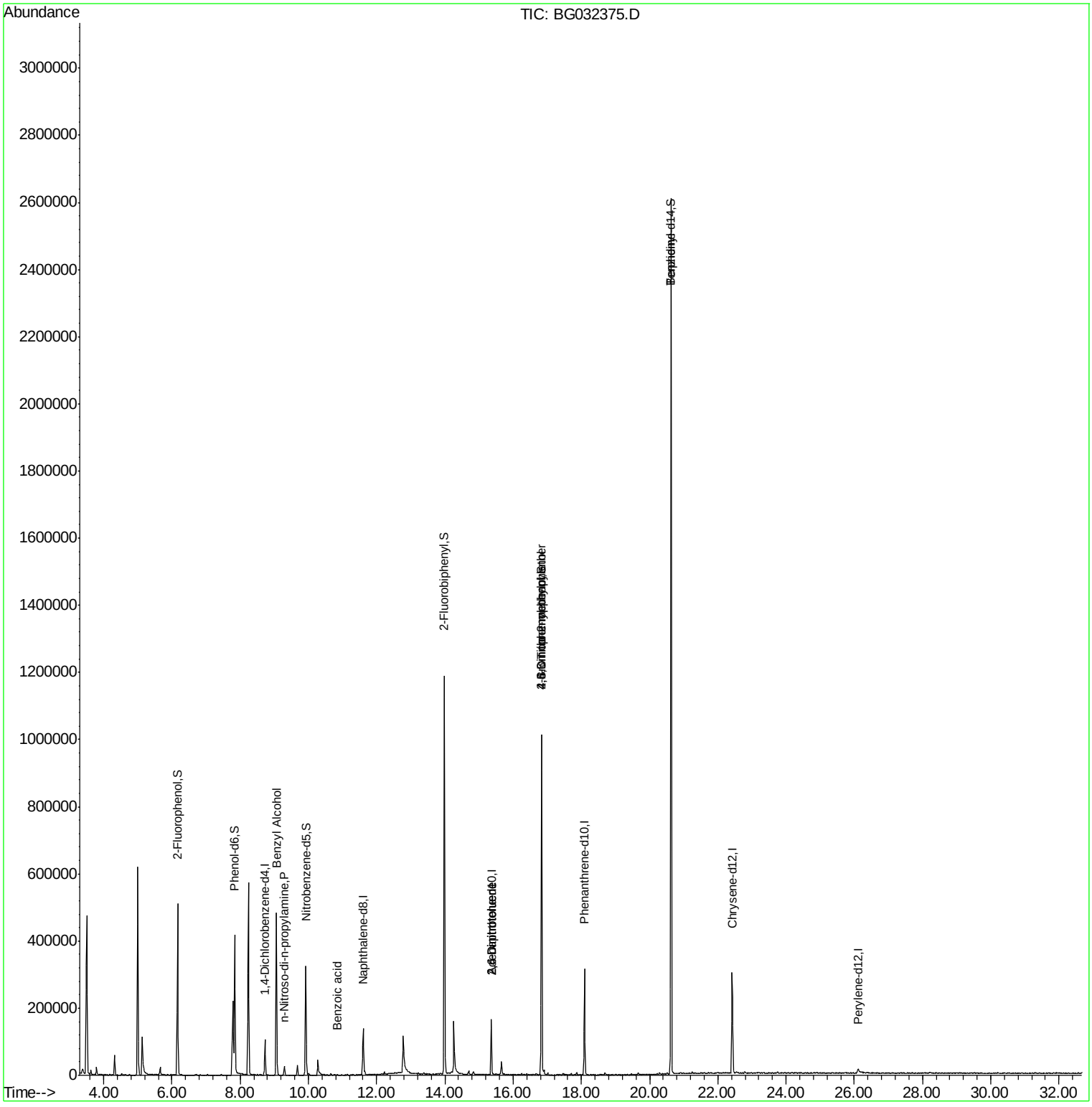
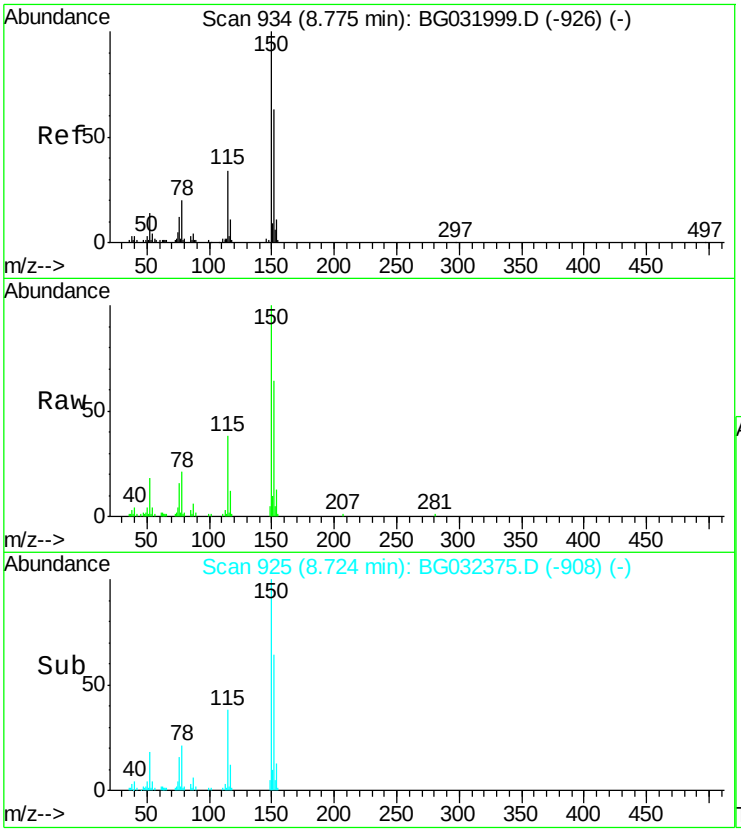
Response via : Initial Calibration



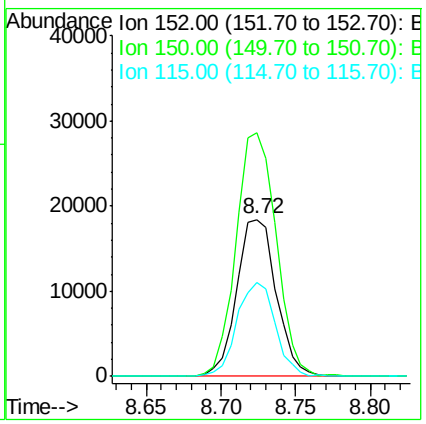


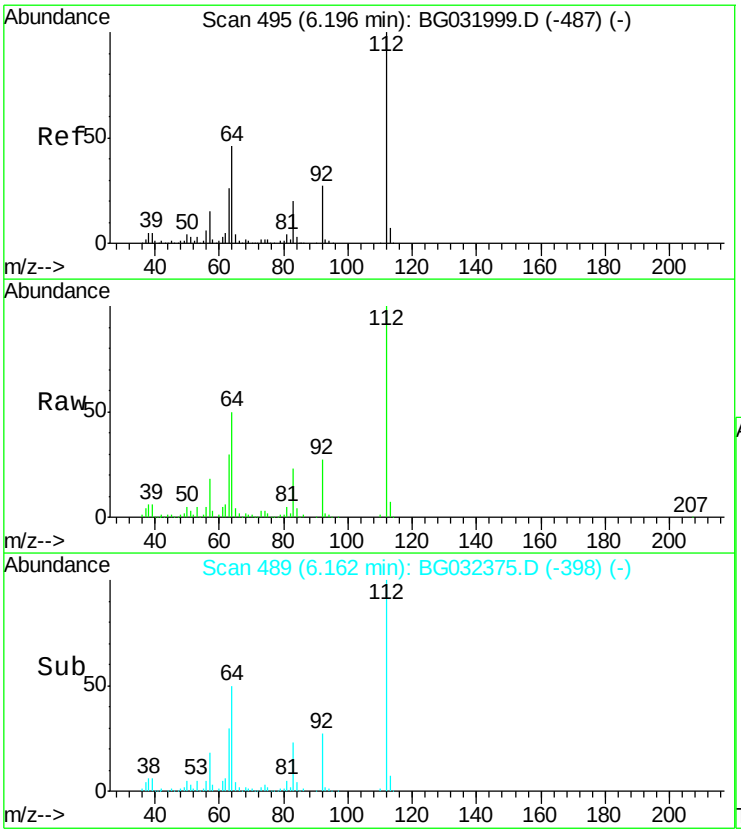
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33710

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	59.6	53.0	79.4

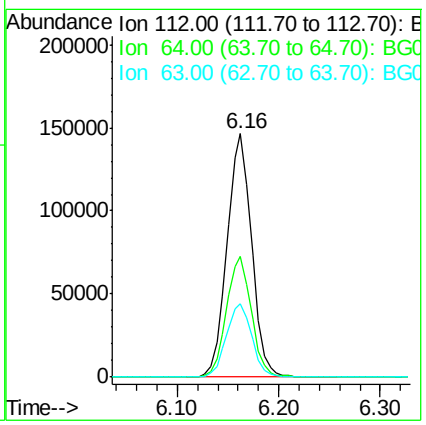


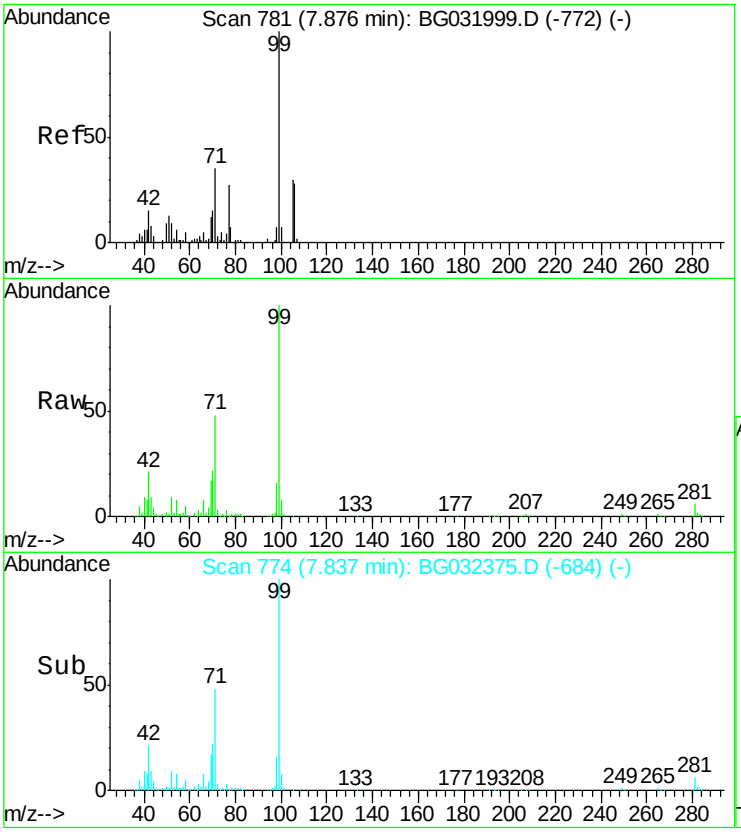


#5
2-Fluorophenol
Concen: 132.926 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:112 Resp: 245002

Ion	Ratio	Lower	Upper
112	100		
64	49.6	56.3	84.5#
63	30.1	30.1	45.1



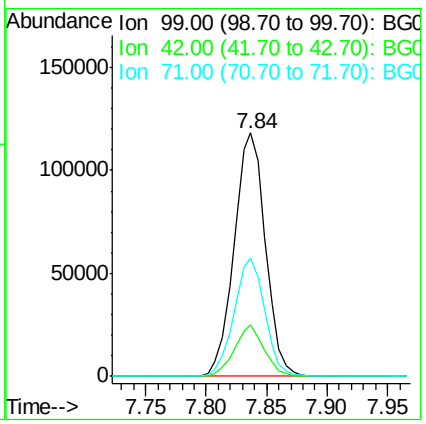


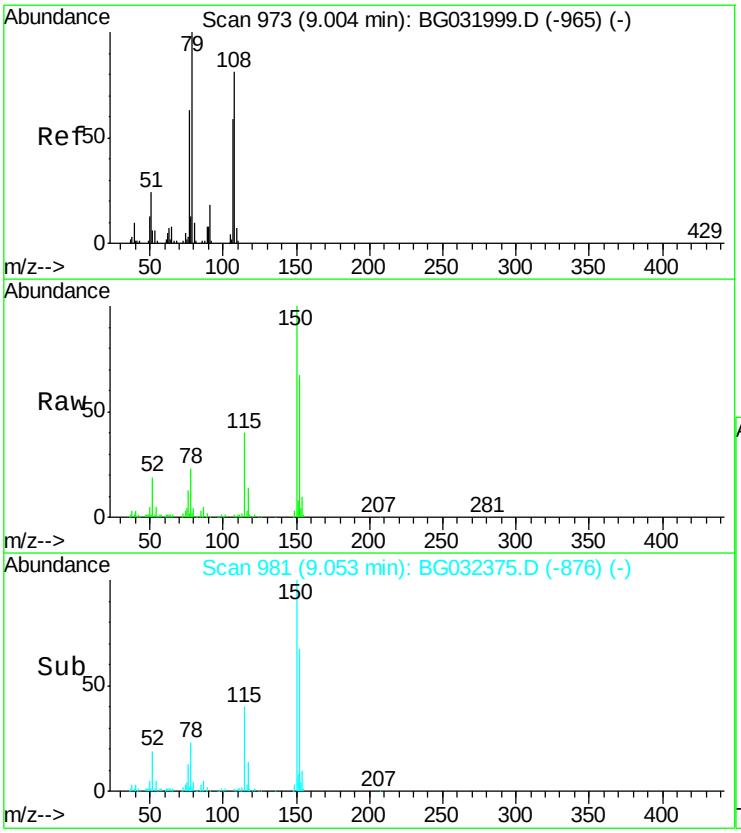
#7
Phenol-d6
Concen: 91.827 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 213161

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	48.3	26.1	39.1#

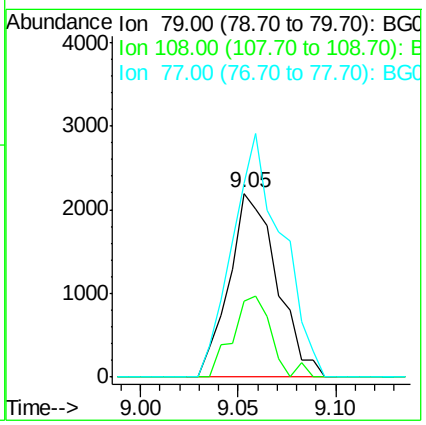


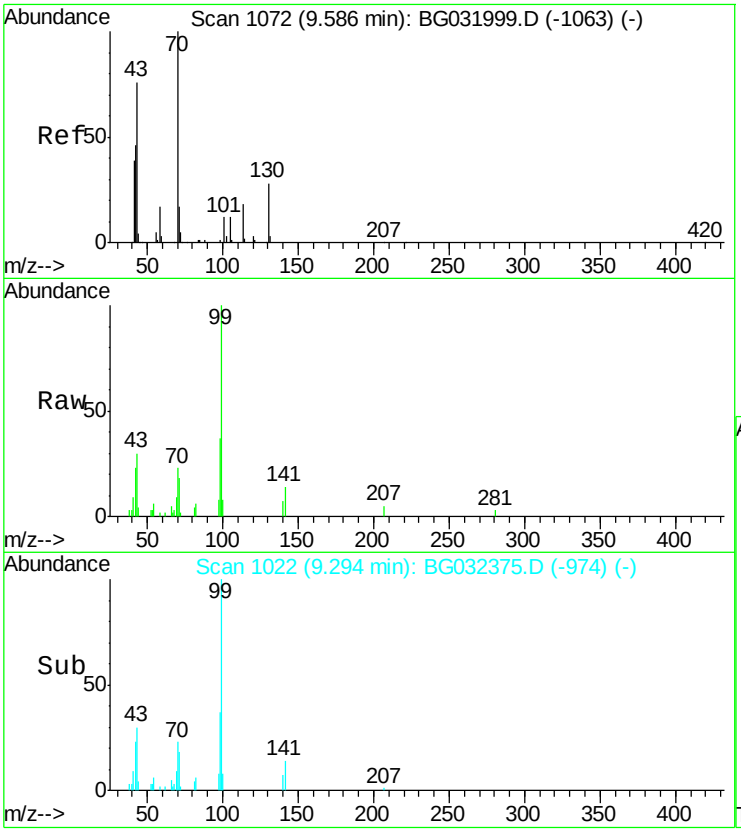


#15
Benzyl Alcohol
Concen: 2.215 ng
RT: 9.05 min Scan# 981
Delta R.T. 0.09 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion: 79 Resp: 3735

Ion	Ratio	Lower	Upper
79	100		
108	41.3	57.2	85.8#
77	105.6	46.1	69.1#



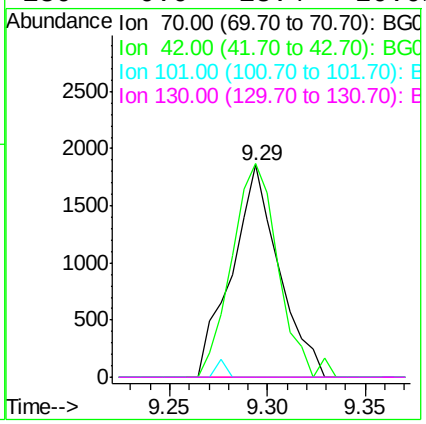


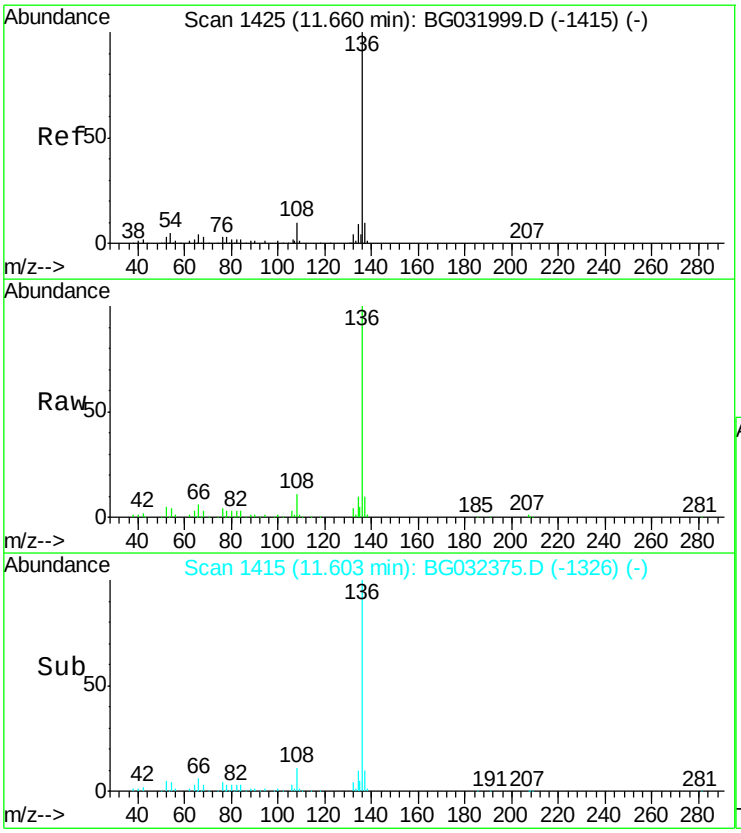
#19
n-Nitroso-di-n-propylamine
Concen: 2.152 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.25 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 3100

Ion	Ratio	Lower	Upper
70	100		
42	100.7	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

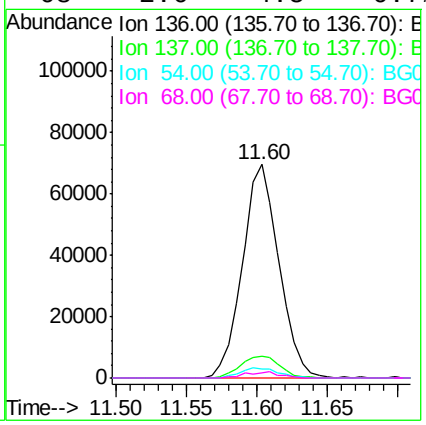


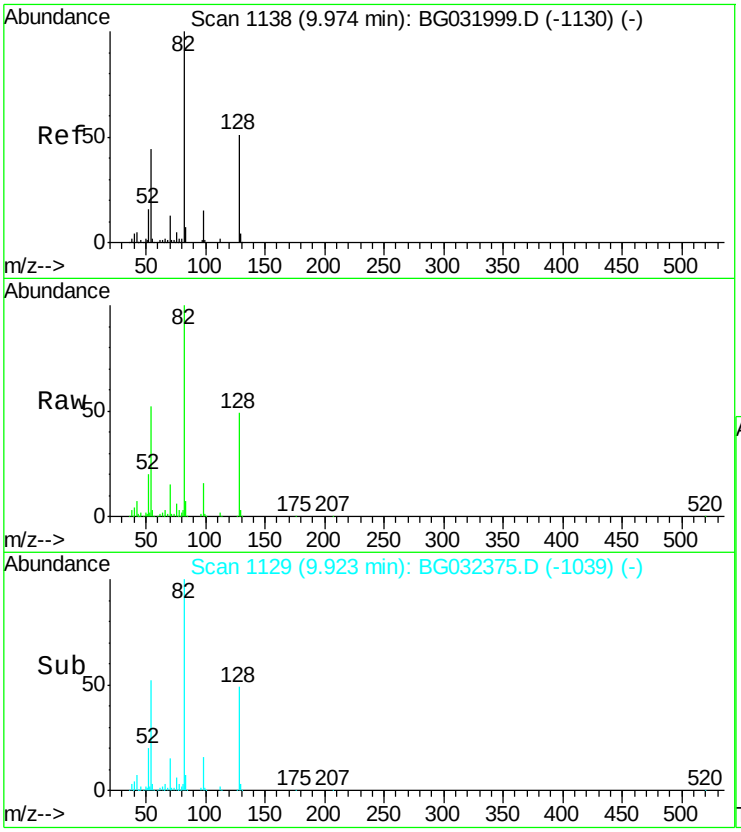


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:136 Resp: 126240

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	3.9	10.3	15.5#
68	2.6	4.5	6.7#



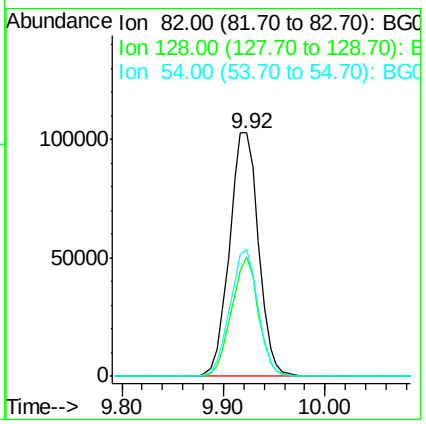


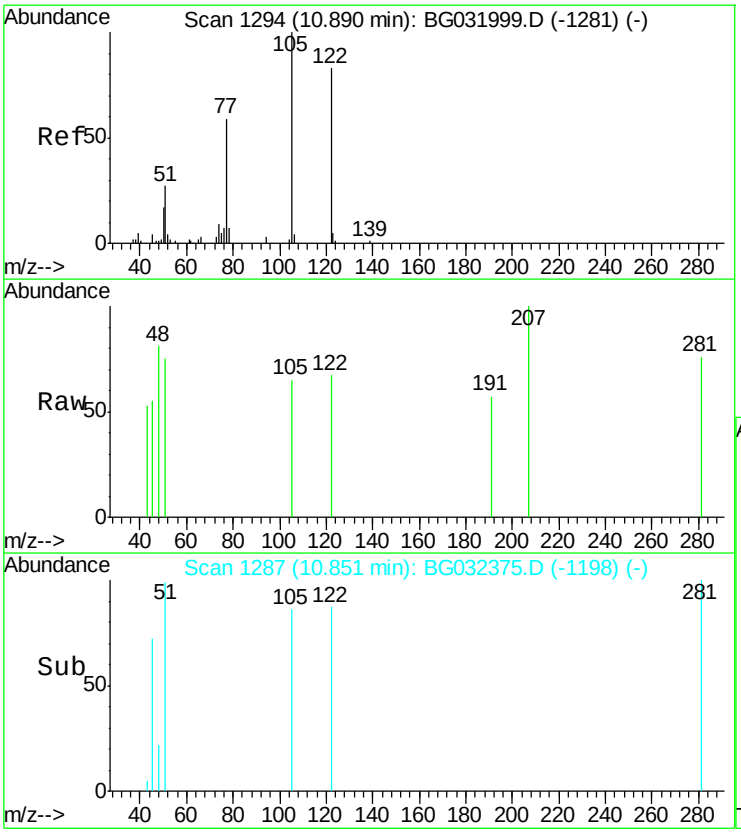
#23
Nitrobenzene-d5
Concen: 109.110 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 203594

Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	52.1	43.1	64.7

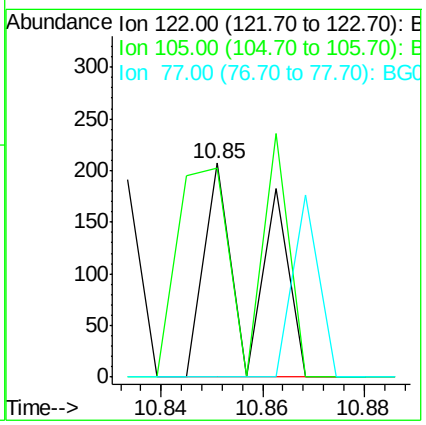


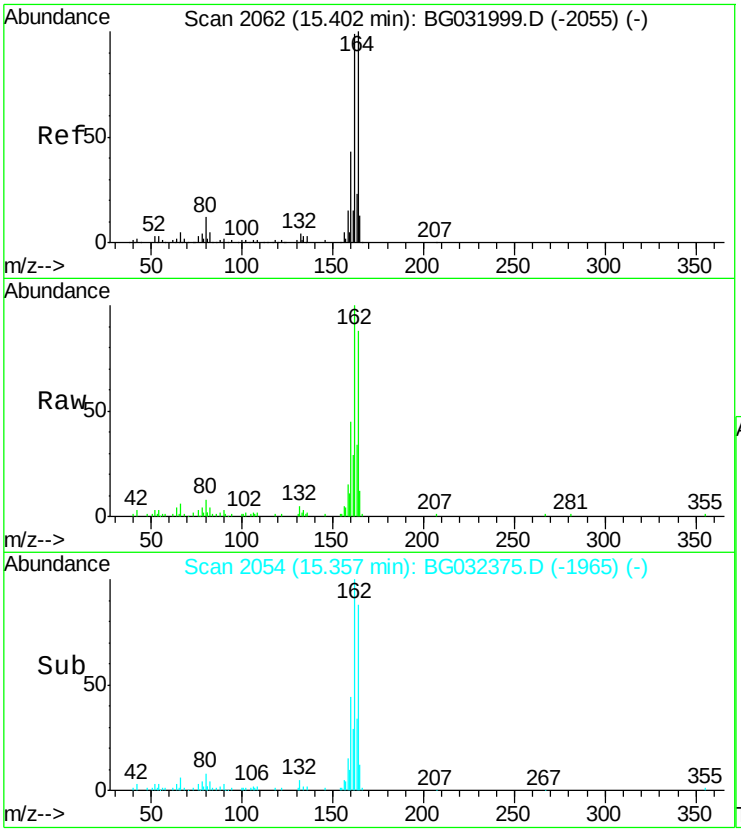


#32
Benzoic acid
Concen: 5.344 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	98.1	123.5	163.5#
77	0.0	85.7	125.7#



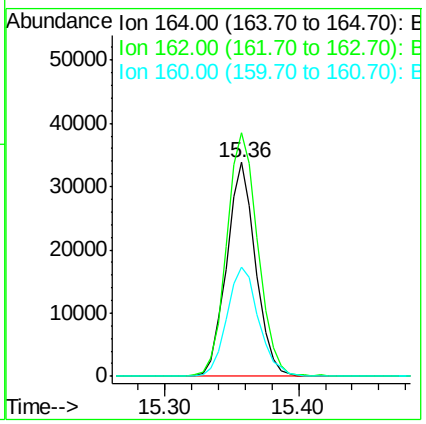


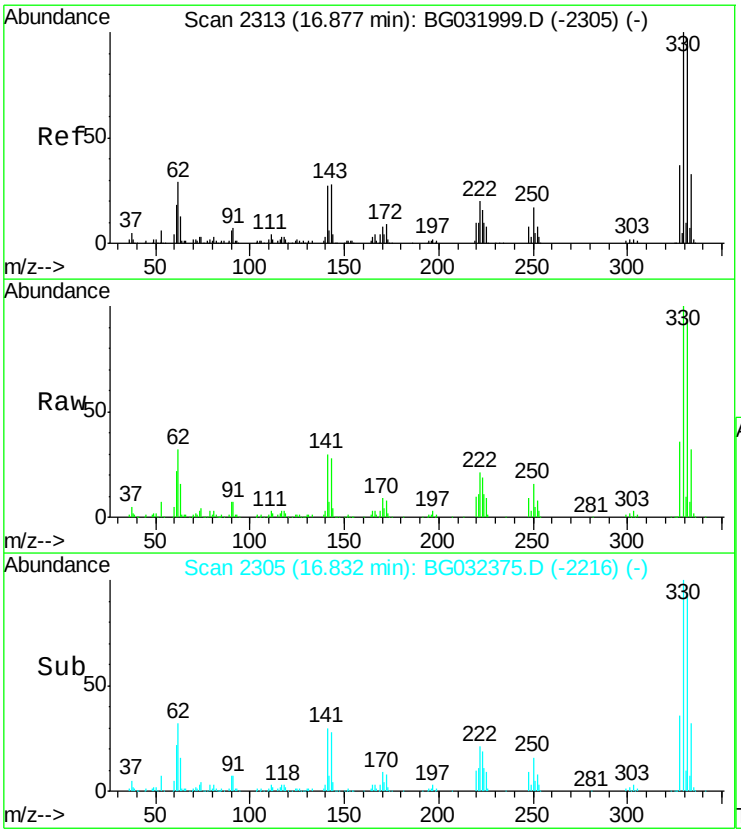
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 51279

Ion	Ratio	Lower	Upper
164	100		
162	113.7	78.8	118.2
160	50.9	35.4	53.0

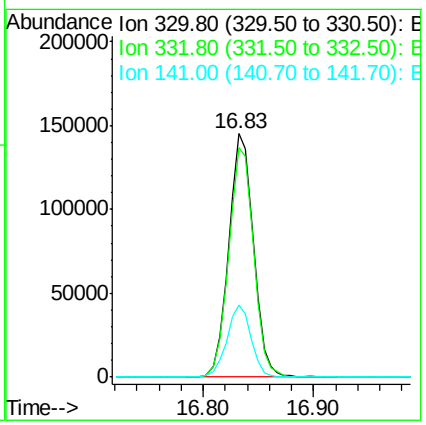


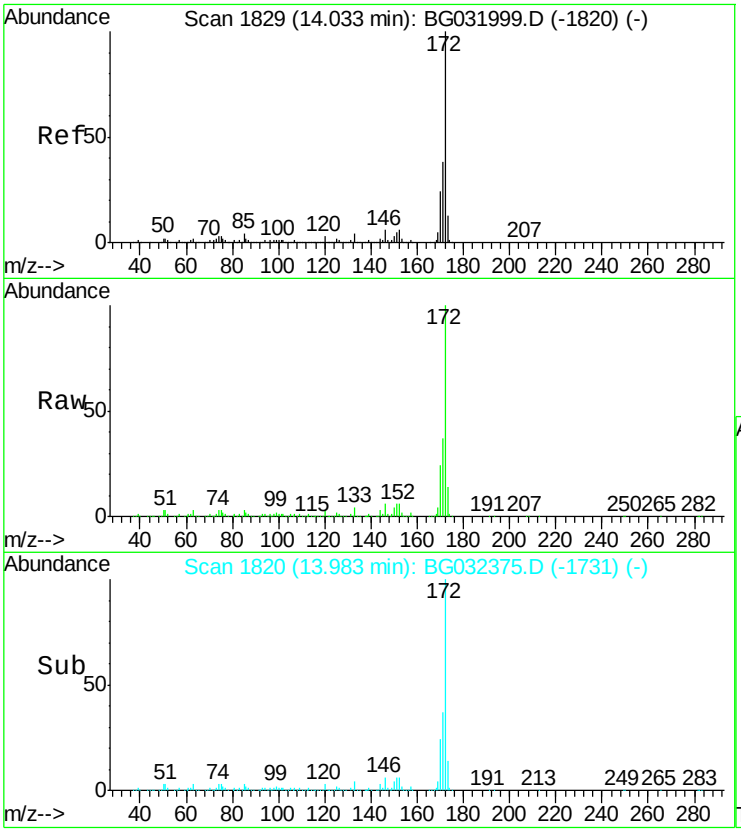


#41
2,4,6-Tribromophenol
Concen: 269.772 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:330 Resp: 228914

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	29.2	25.2	37.8



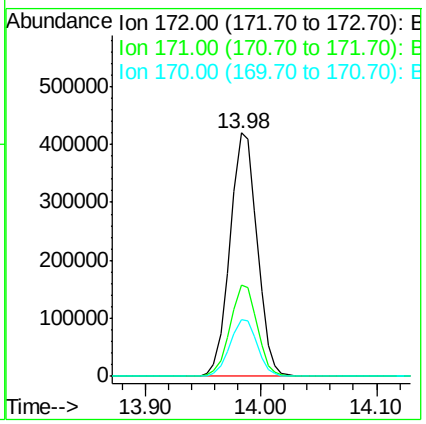


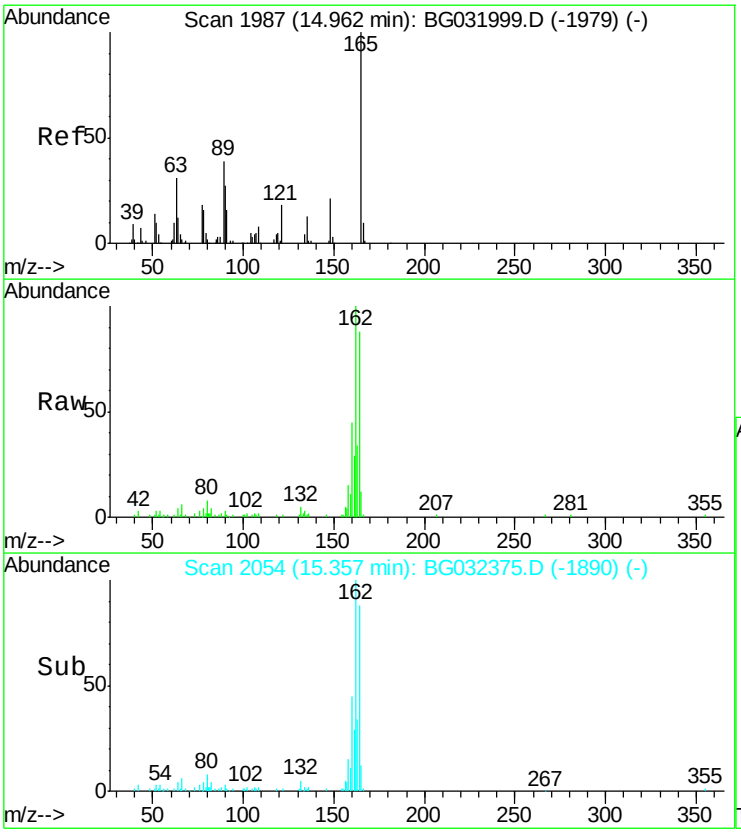
#44
2-Fluorobiphenyl
Concen: 165.135 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 682926

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.5	19.5	29.3

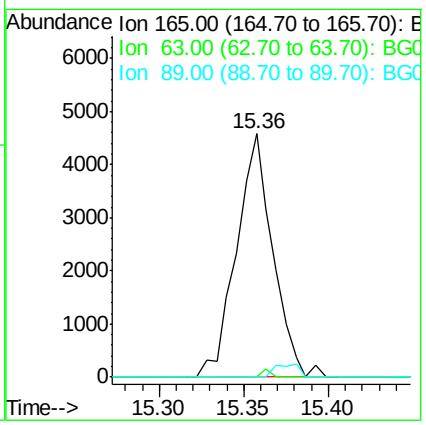


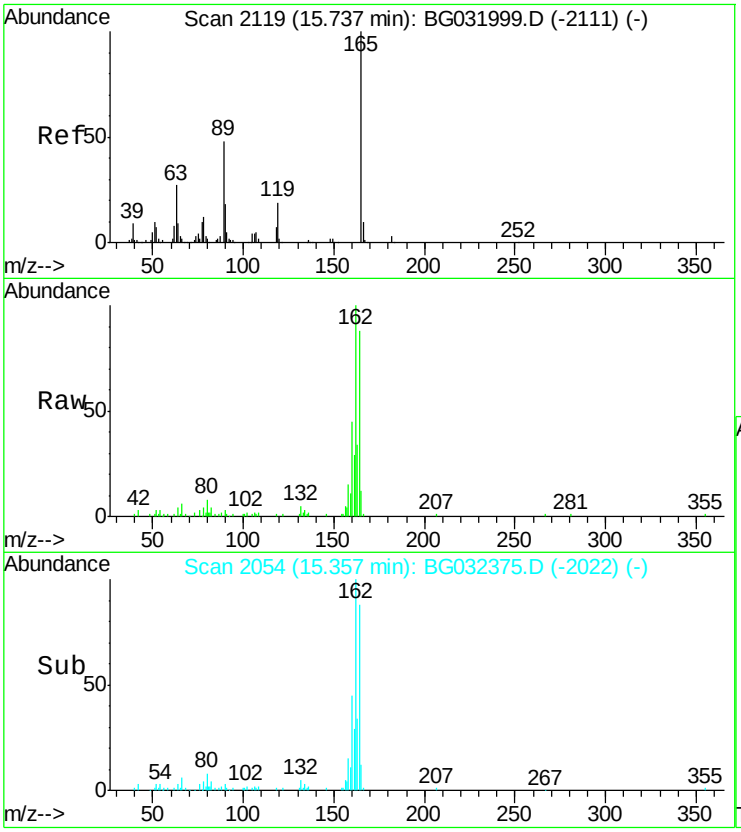


#50
2,6-Dinitrotoluene
Concen: 7.372 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:165 Resp: 6866

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



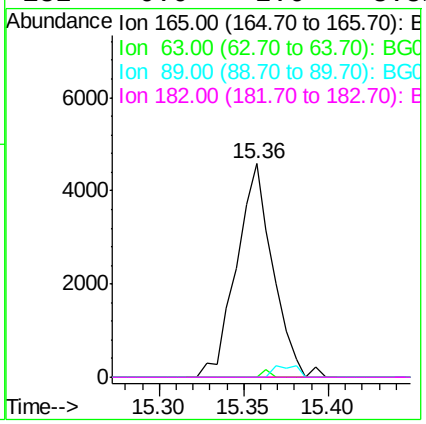


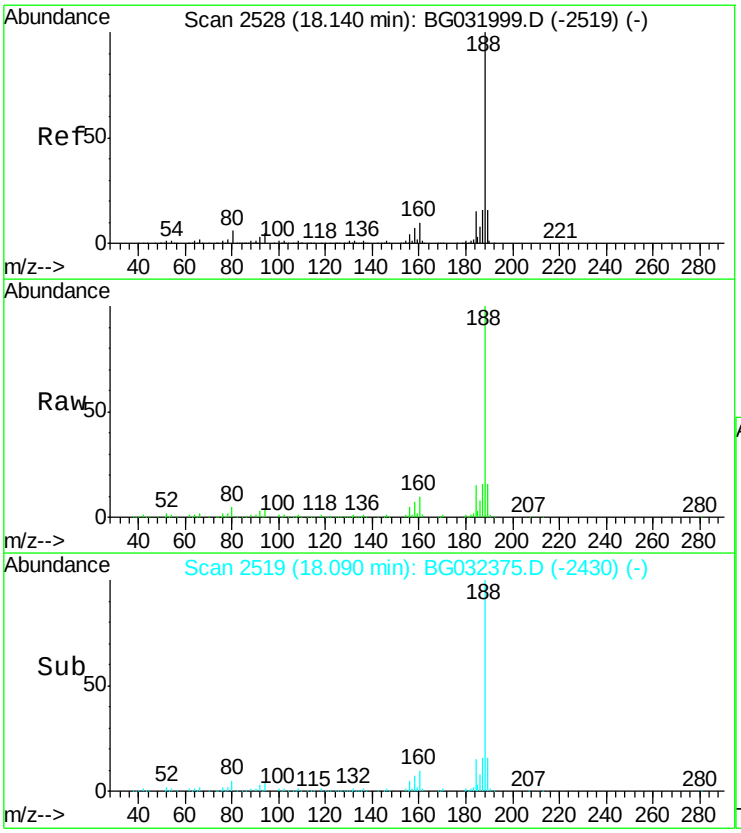
#56
2,4-Dinitrotoluene
Concen: 5.475 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6866

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

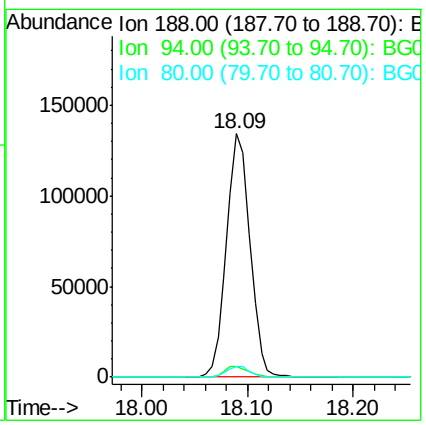


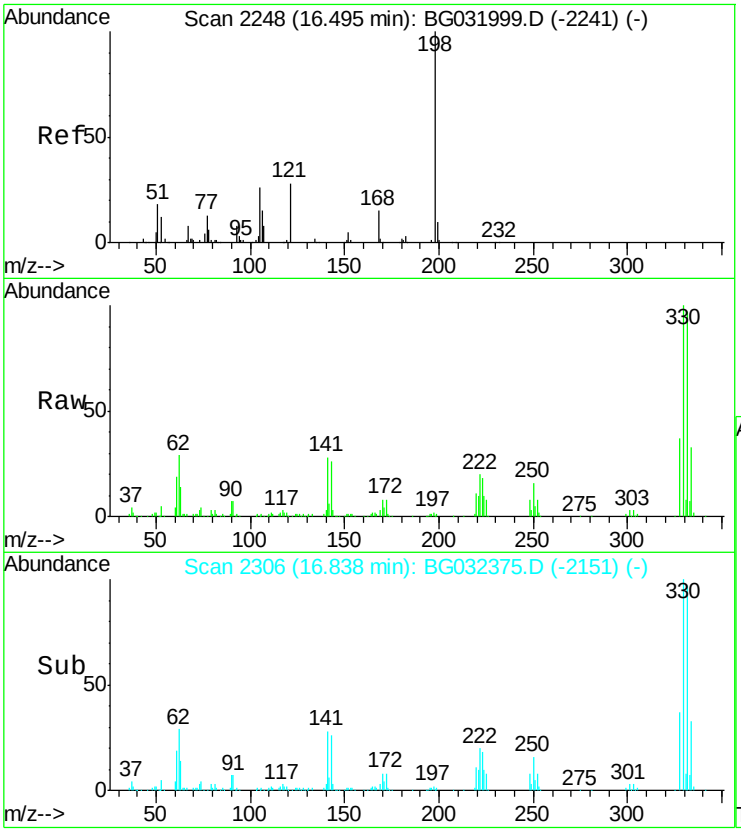


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:188 Resp: 206130

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.6	7.7	11.5#



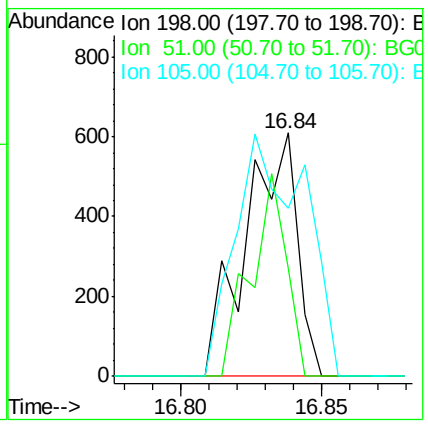


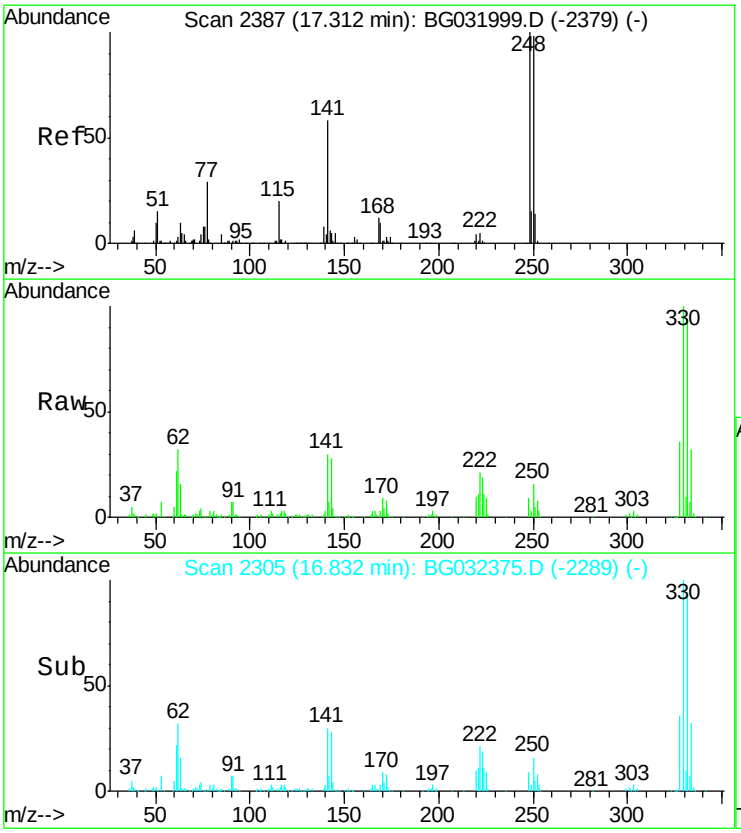
#64
4,6-Dinitro-2-methylphenol
Concen: 5.412 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 775

Ion	Ratio	Lower	Upper
198	100		
51	44.5	30.6	70.6
105	69.0	23.8	63.8#

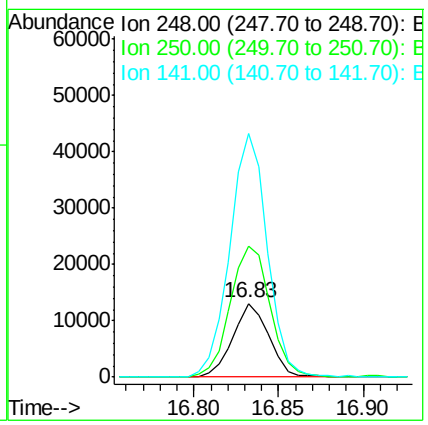


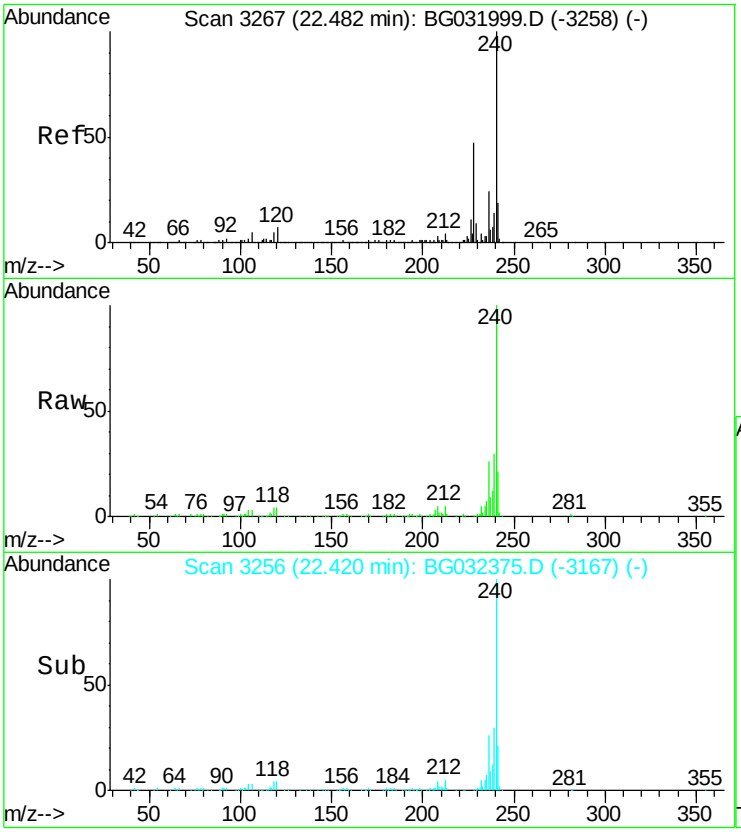


#66
4-Bromophenyl-phenylether
Concen: 6.594 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:248 Resp: 19340

Ion	Ratio	Lower	Upper
248	100		
250	178.0	77.1	115.7#
141	331.8	50.8	76.2#



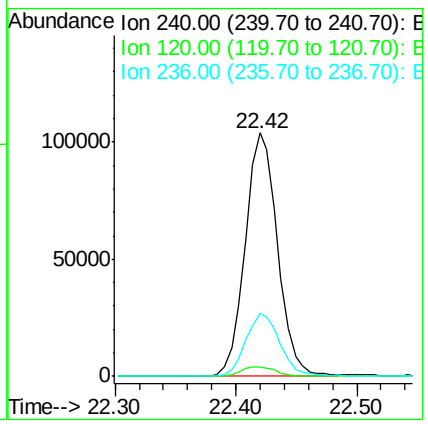


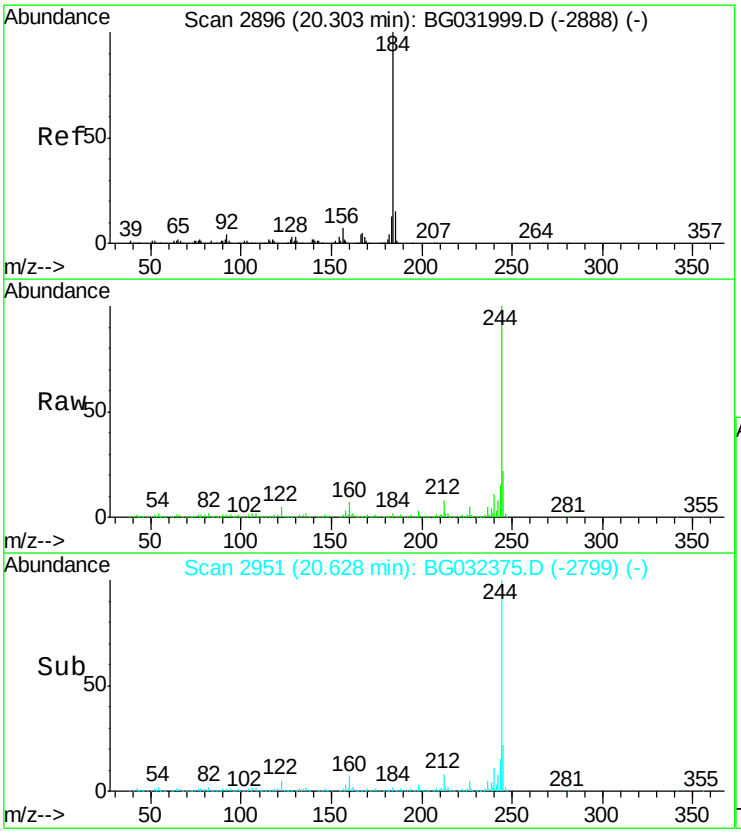
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 194106

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	26.0	20.9	31.3

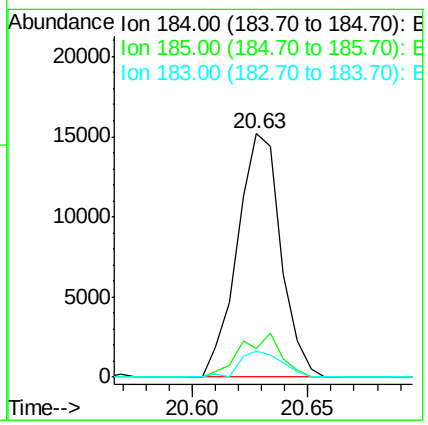


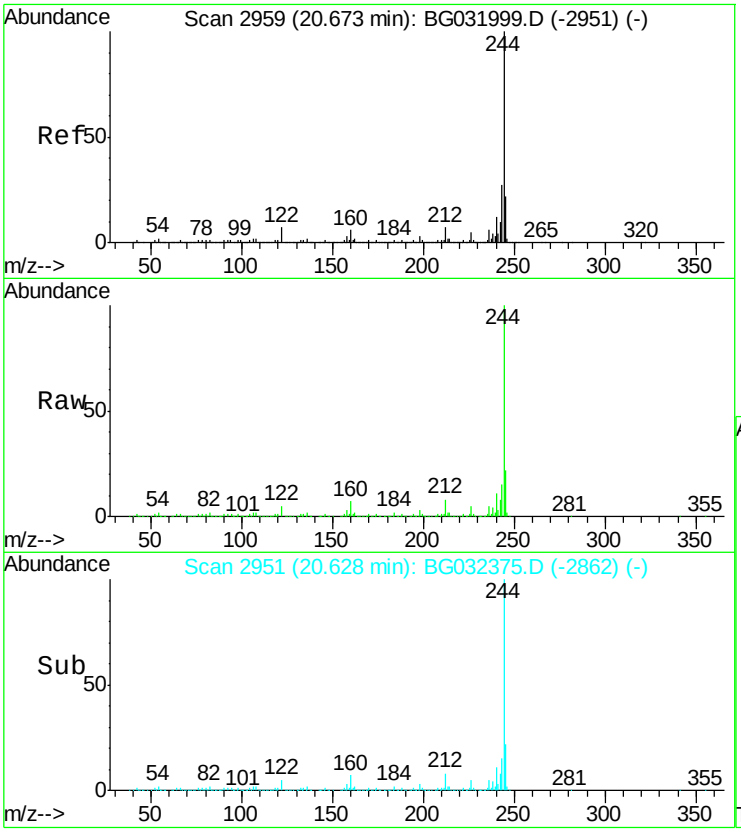


#76
Benzidine
Concen: 4.118 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:184 Resp: 19990

Ion	Ratio	Lower	Upper
184	100		
185	11.6	11.1	16.7
183	10.9	10.6	16.0



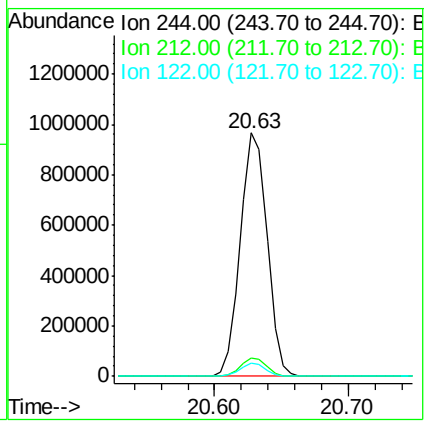


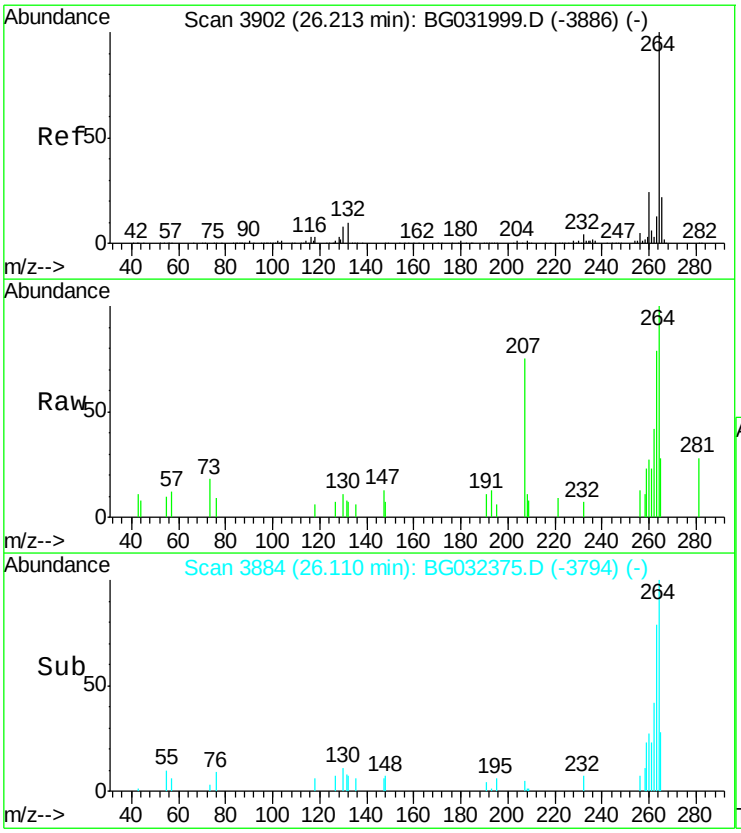
#78
Terphenyl-d14
Concen: 152.578 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1341292

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3884
Delta R.T. 0.00 min
Lab File: BG032375.D
Acq: 28 Jan 2018 3:44

Tgt Ion:264 Resp: 8971

Ion	Ratio	Lower	Upper
264	100		
260	26.9	17.4	26.0#
265	28.4	17.7	26.5#