Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032328.D
Acq On : 26 Jan 2018 13:31
Operator : SJ/JU
Sample : PB105983TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105983TB

Quant Time: Jan 26 14:08:00 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	27967	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	113992	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	86722	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257870	20.00	ng	0.00
75) Chrysene-d12	22.41	240	333948	20.00	ng	-0.01
86) Perylene-d12	26.09	264	358016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	187718	122.76	ng	0.00
7) Phenol-d6	7.83	99	234092	121.55	ng	0.00
23) Nitrobenzene-d5	9.91	82	142516	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	182413	127.11	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	546207	78.10	ng	0.00
78) Terphenyl-d14	20.63	244	1246369	82.41	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.05	79	2810	2.008	ng	# 59
19) n-Nitroso-di-n-propylamine	9.91	70	19956	16.701	ng	# 75
50) 2,6-Dinitrotoluene	15.36	165	11197	7.108	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	11197	5.280	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.83	198	637	5.231	ng	# 7
66) 4-Bromophenyl-phenylether	16.83	248	15295	4.169	ng	# 1
76) Benzidine	20.63	184	17312	2.073	ng	98

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

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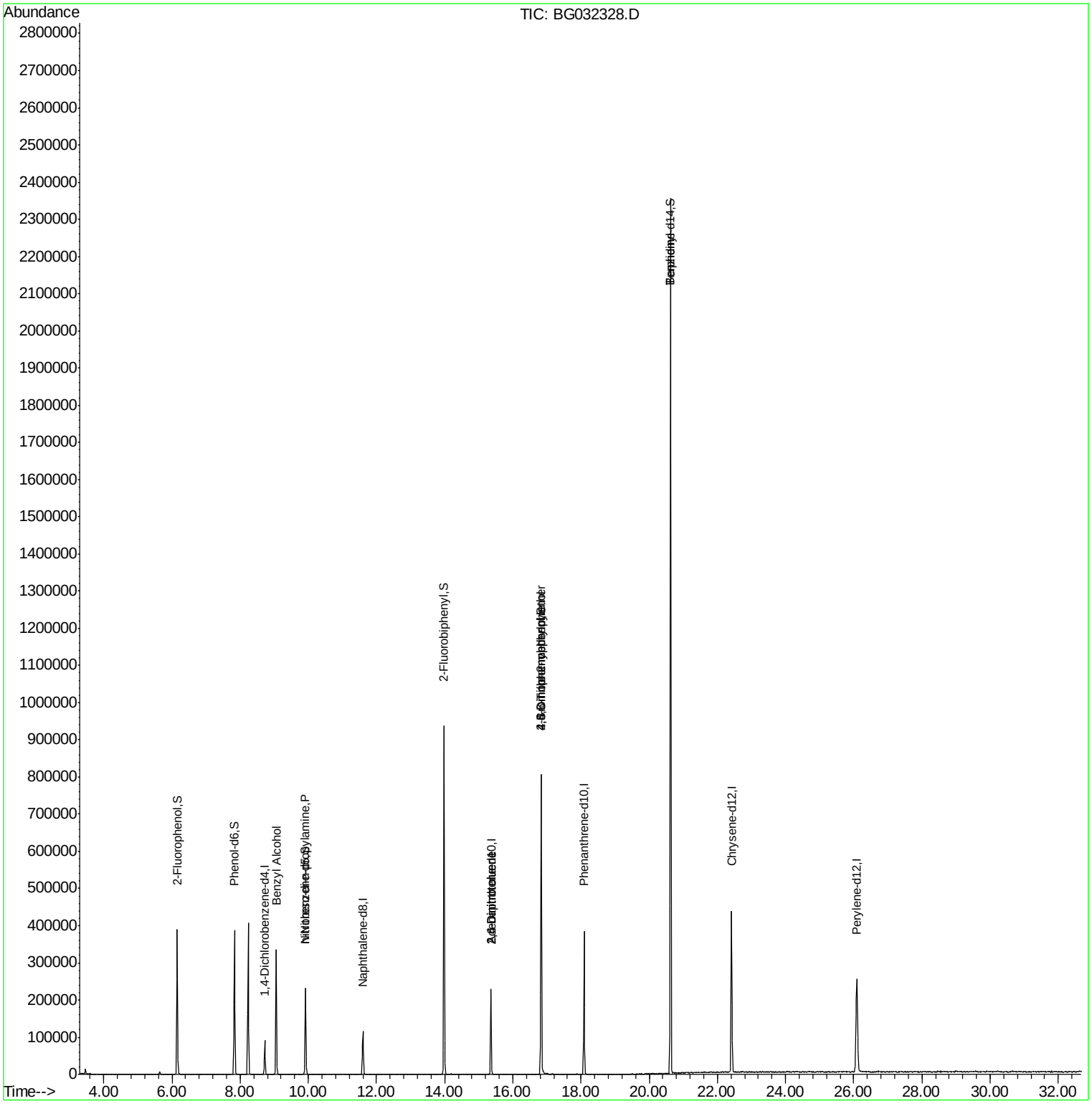
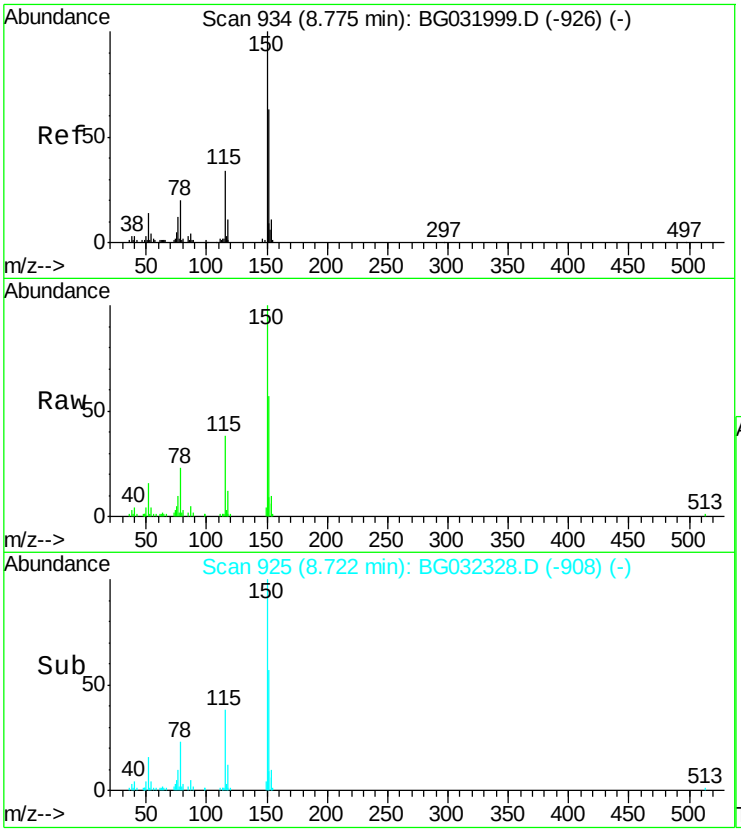


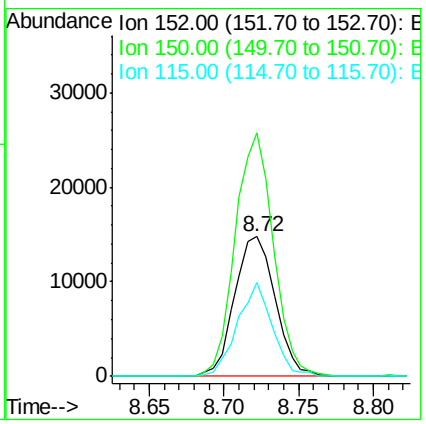


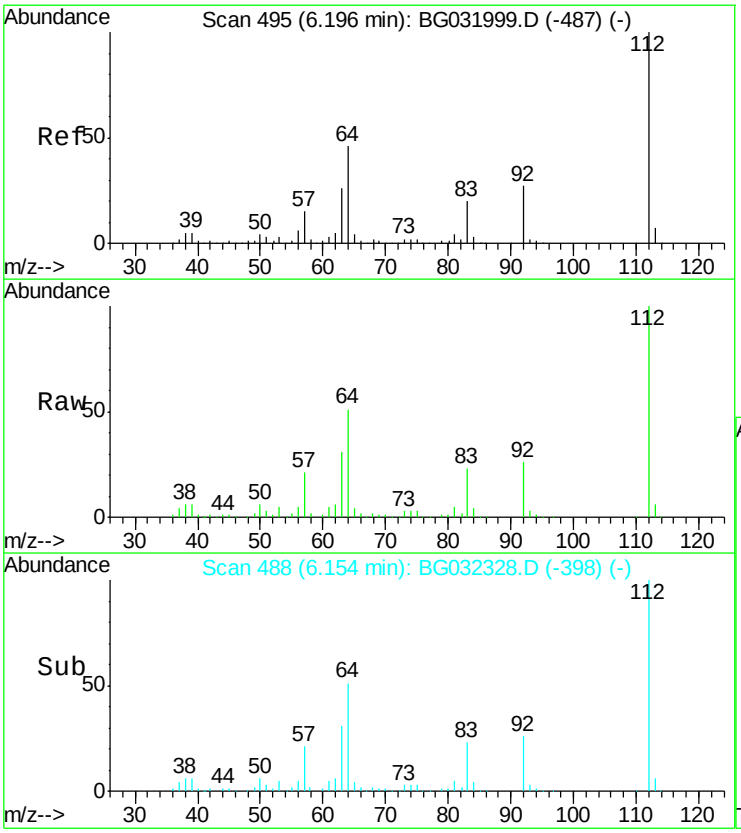
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:152 Resp: 27967

Ion	Ratio	Lower	Upper
152	100		
150	174.1	126.6	189.8
115	66.8	53.0	79.4

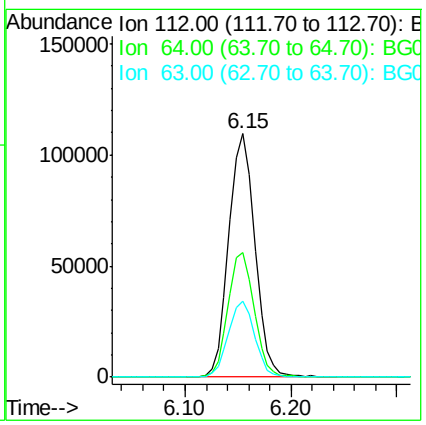


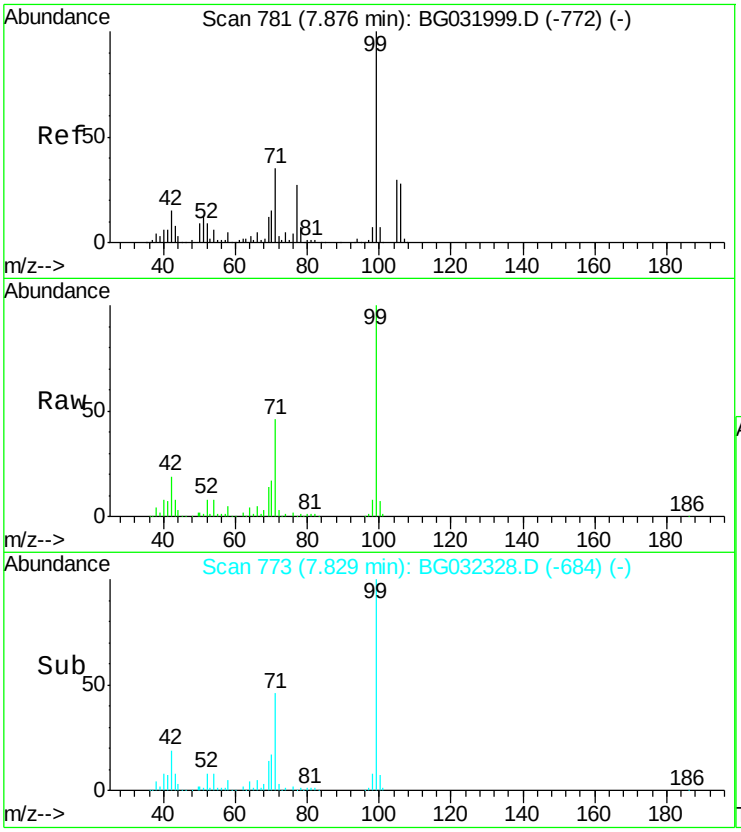


#5
2-Fluorophenol
Concen: 122.760 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:112 Resp: 187718

Ion	Ratio	Lower	Upper
112	100		
64	51.2	56.3	84.5#
63	31.0	30.1	45.1



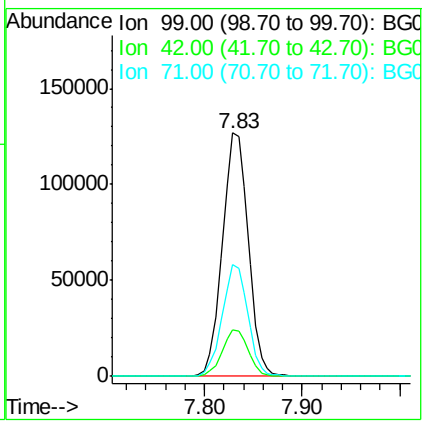


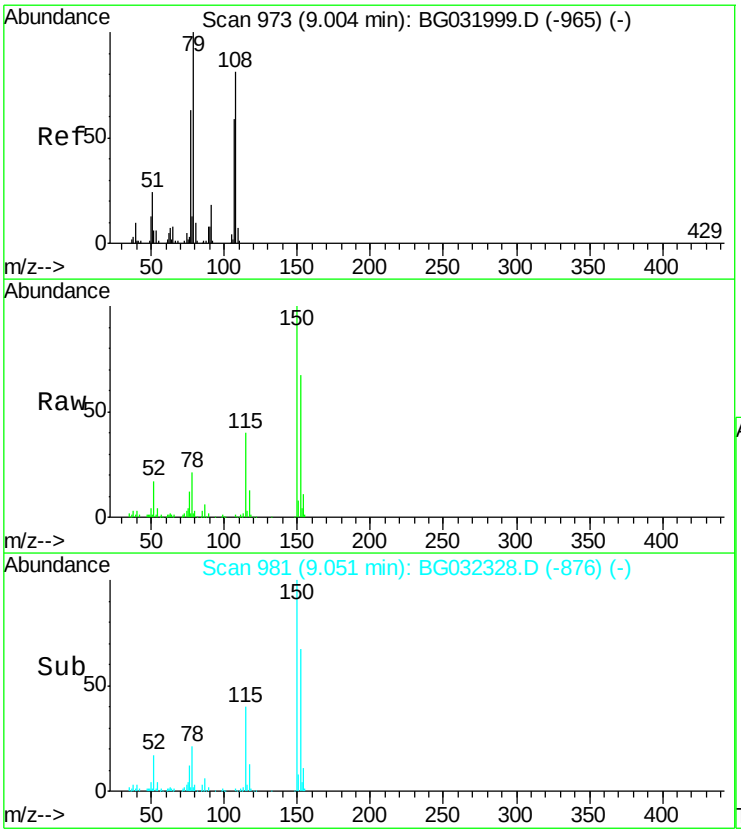
#7
Phenol-d6
Concen: 121.552 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion: 99 Resp: 234092

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	45.9	26.1	39.1#

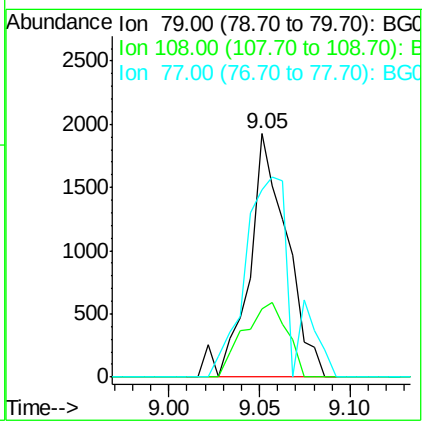


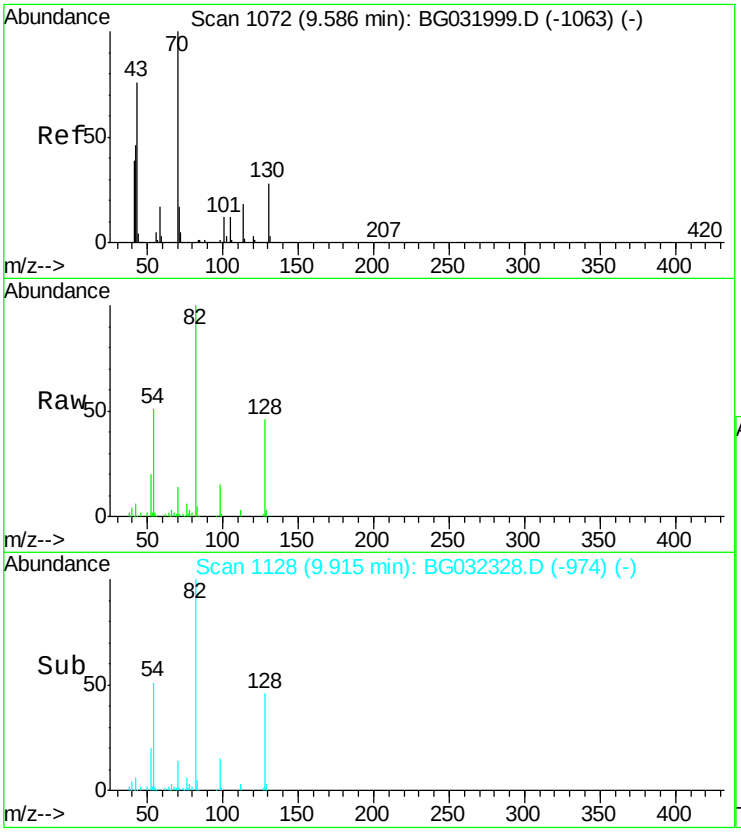


#15
Benzyl Alcohol
Concen: 2.008 ng
RT: 9.05 min Scan# 981
Delta R.T. 0.09 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion: 79 Resp: 2810

Ion	Ratio	Lower	Upper
79	100		
108	28.2	57.2	85.8#
77	77.1	46.1	69.1#



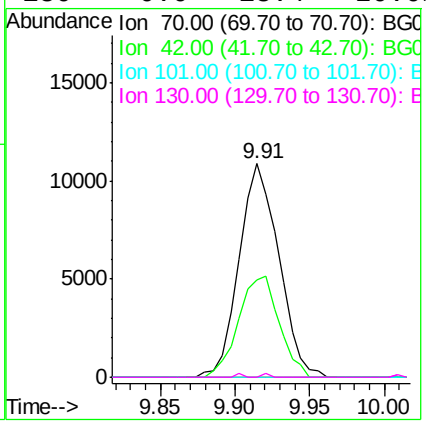


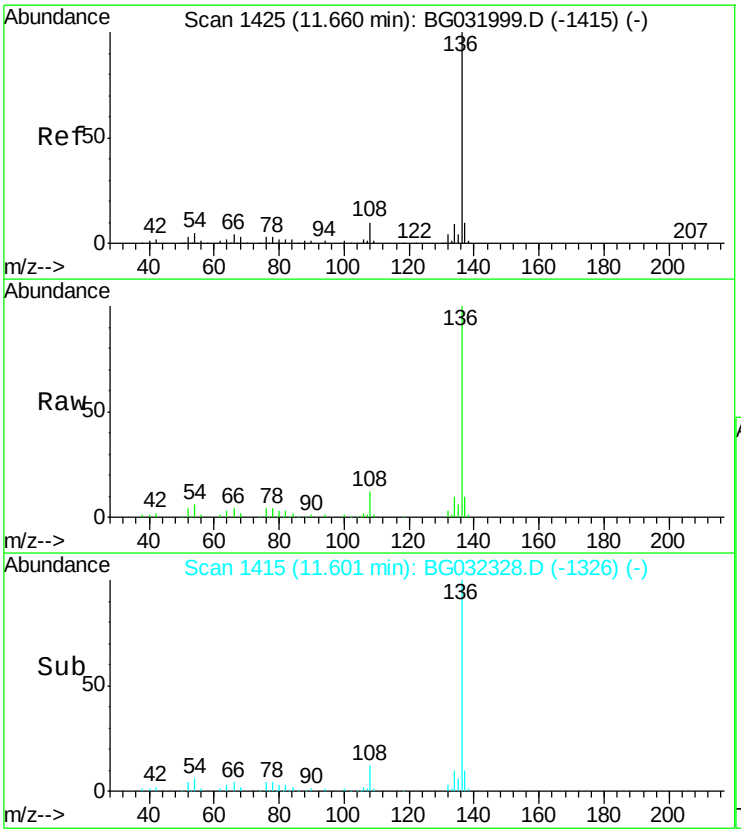
#19
n-Nitroso-di-n-propylamine
Concen: 16.701 ng
RT: 9.91 min Scan# 1128
Delta R.T. 0.37 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion: 70 Resp: 19956

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

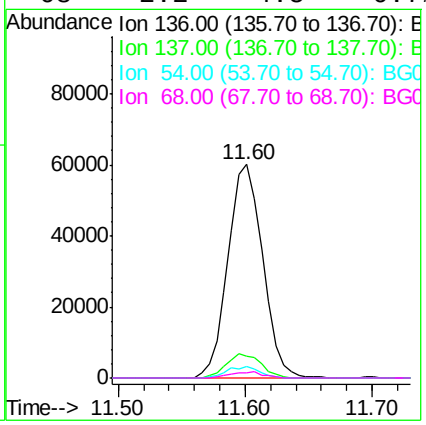


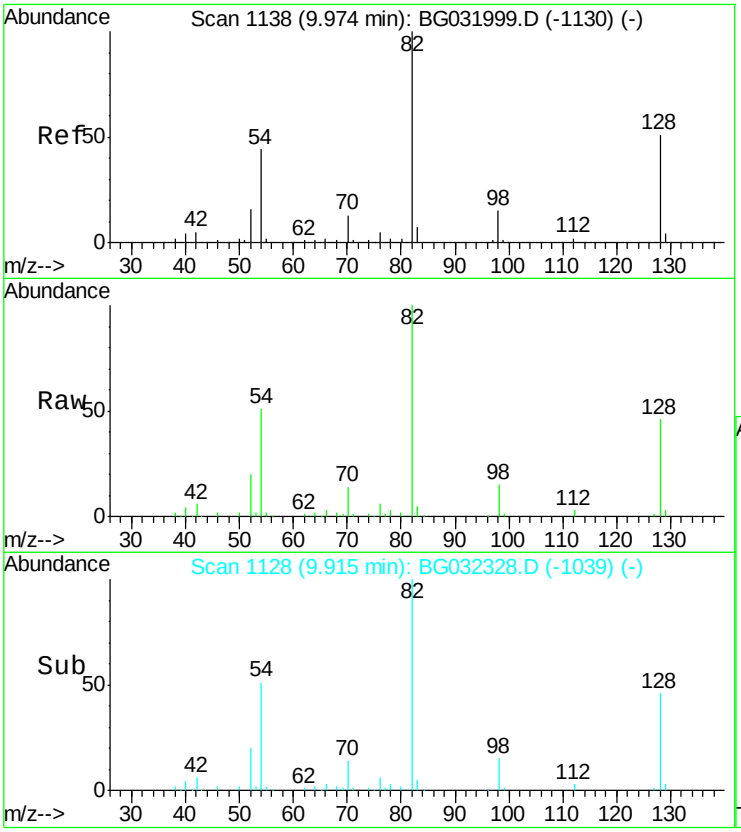


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:136 Resp: 113992

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	5.6	10.3	15.5#
68	2.2	4.5	6.7#



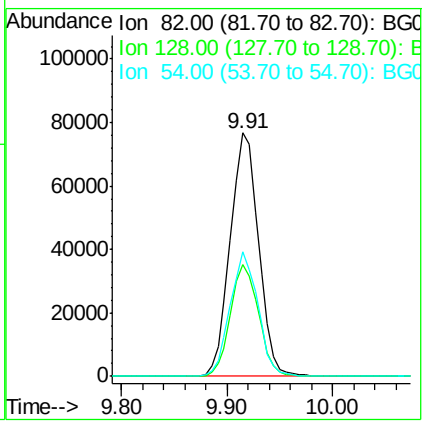


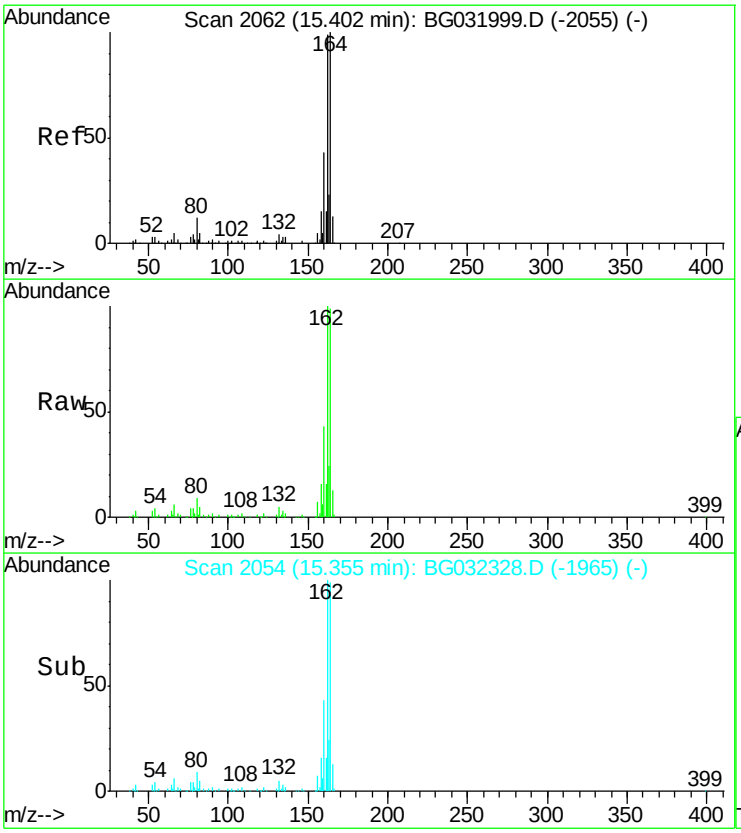
#23
Nitrobenzene-d5
Concen: 84.583 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion: 82 Resp: 142516

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	51.2	43.1	64.7

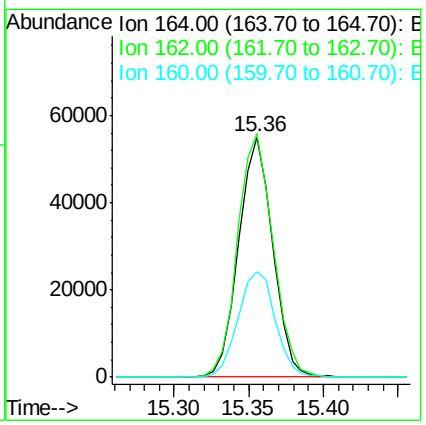


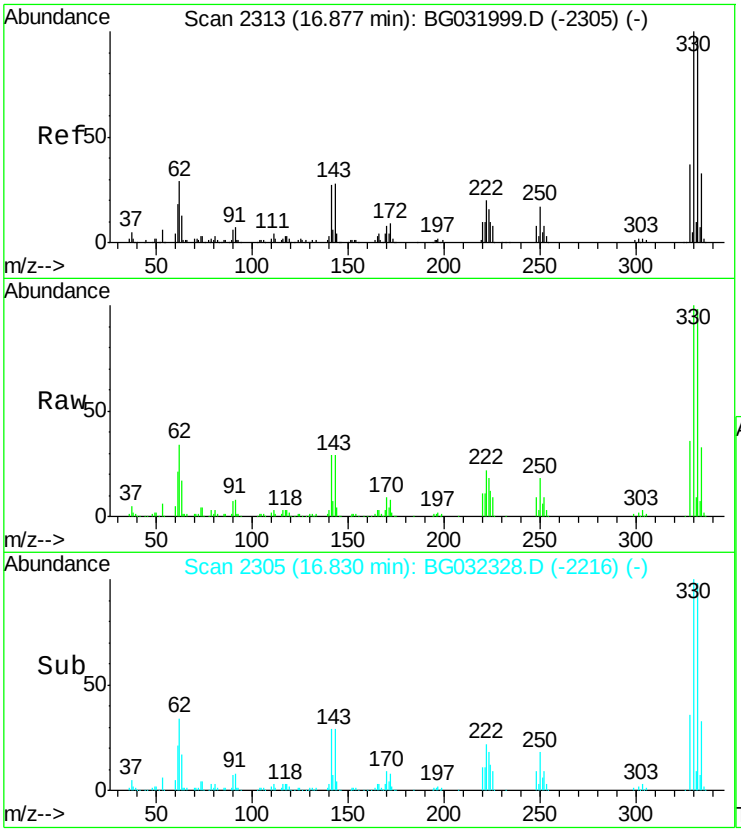


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:164 Resp: 86722

Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	43.9	35.4	53.0



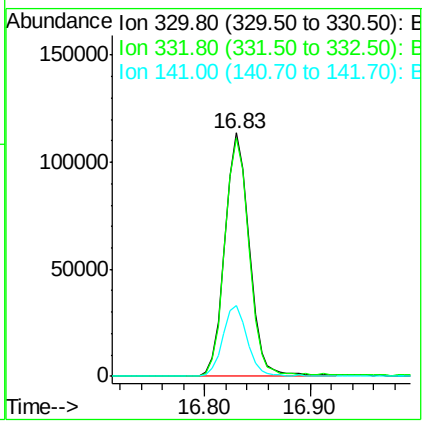


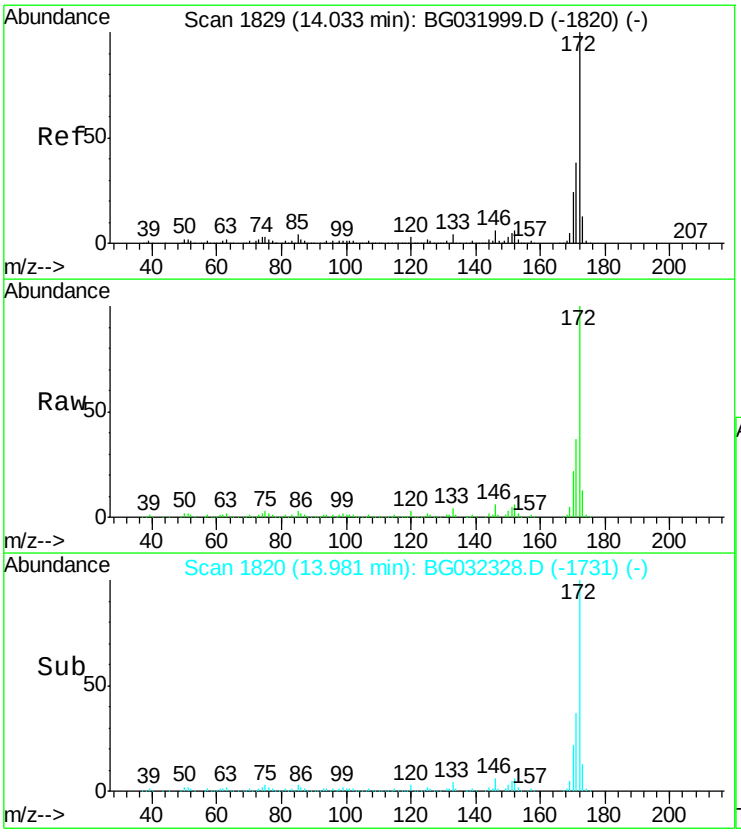
#41
2,4,6-Tribromophenol
Concen: 127.113 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:330 Resp: 182413

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.0	25.2	37.8

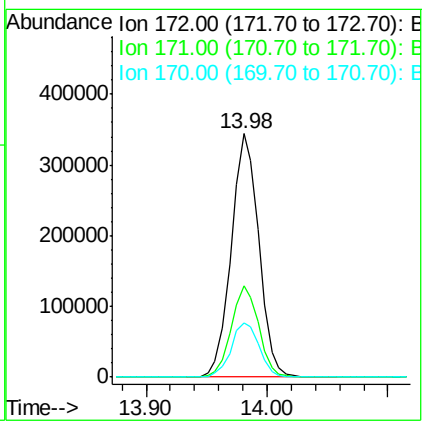


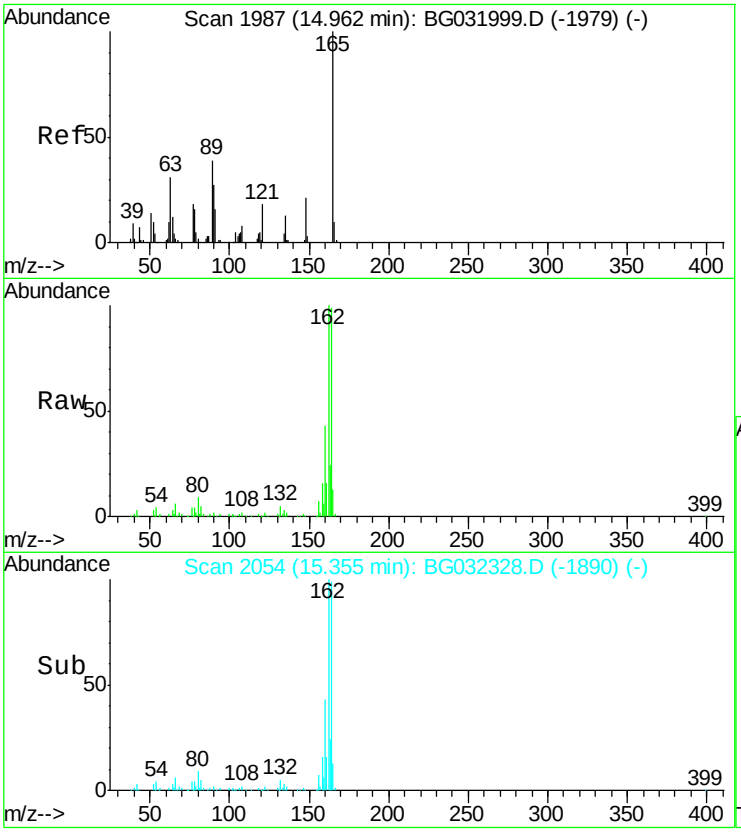


#44
2-Fluorobiphenyl
Concen: 78.097 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:172 Resp: 546207

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	22.4	19.5	29.3



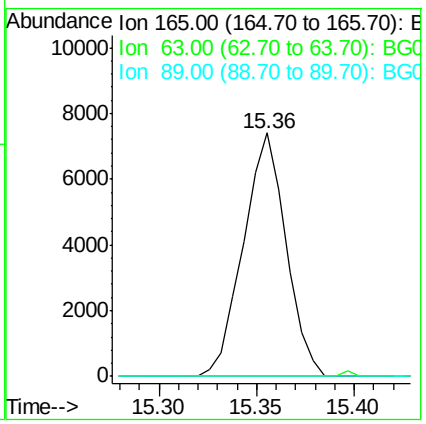


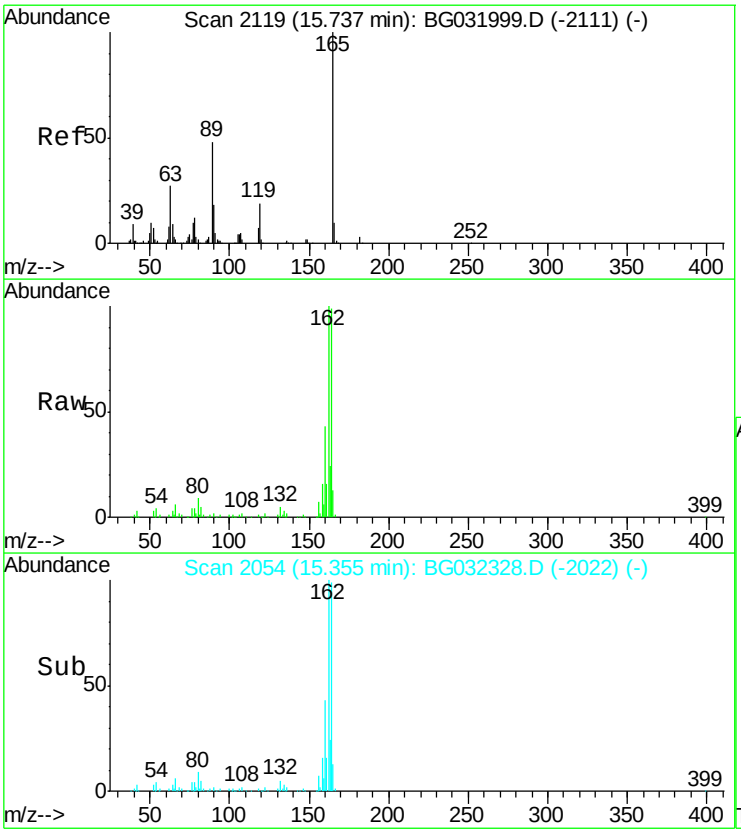
#50
2,6-Dinitrotoluene
Concen: 7.108 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:165 Resp: 11197

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

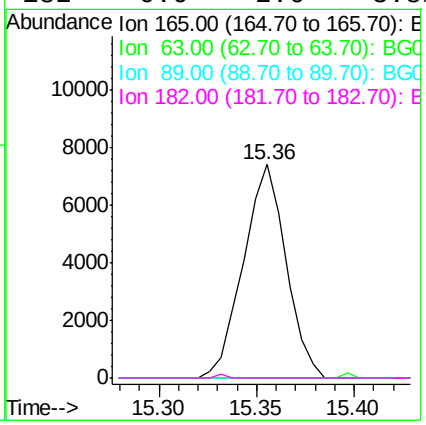


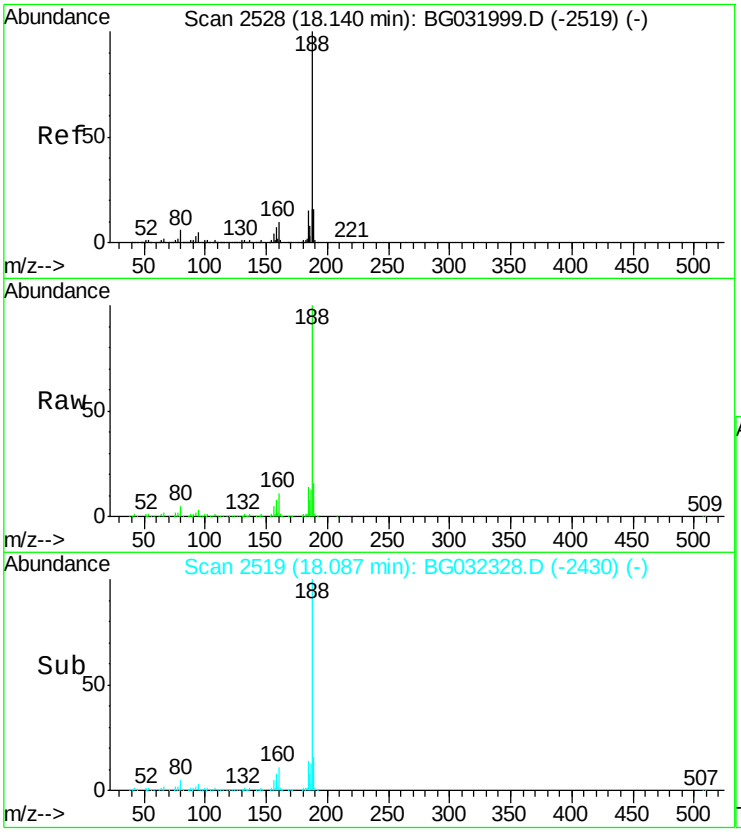


#56
2,4-Dinitrotoluene
Concen: 5.280 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:165 Resp: 11197

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#



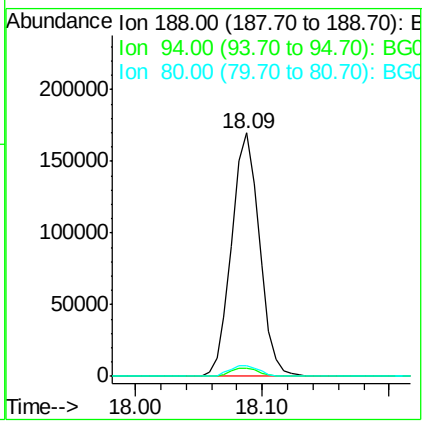


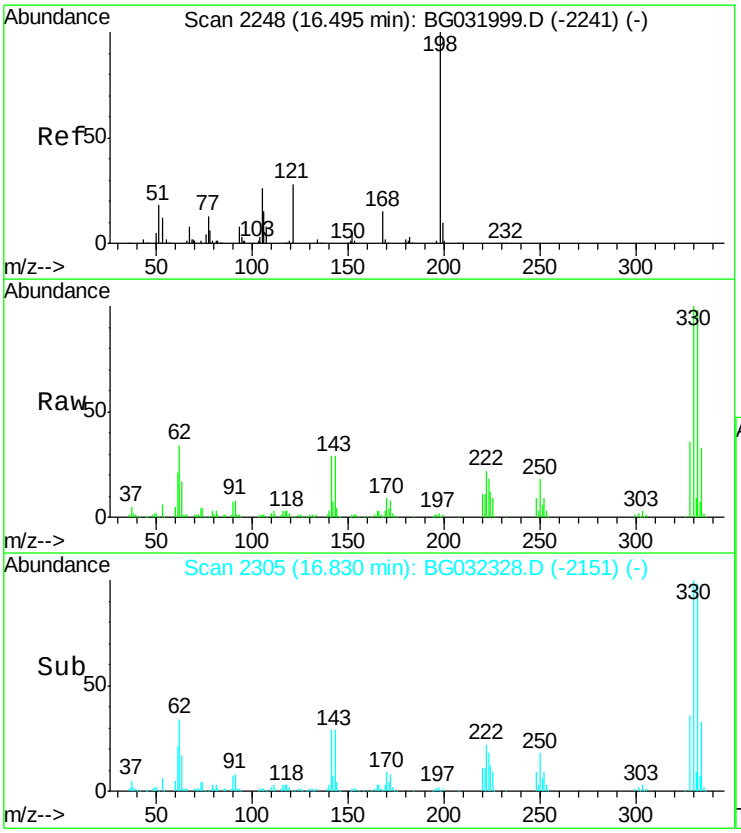
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:188 Resp: 257870

Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	4.6	7.7	11.5#

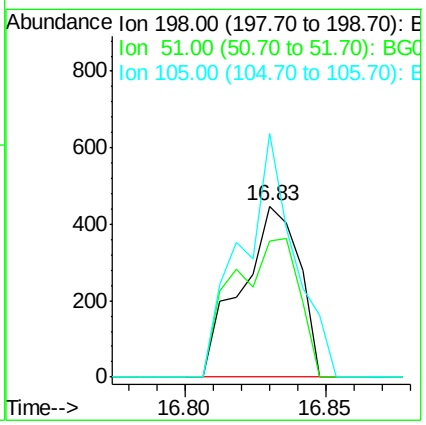


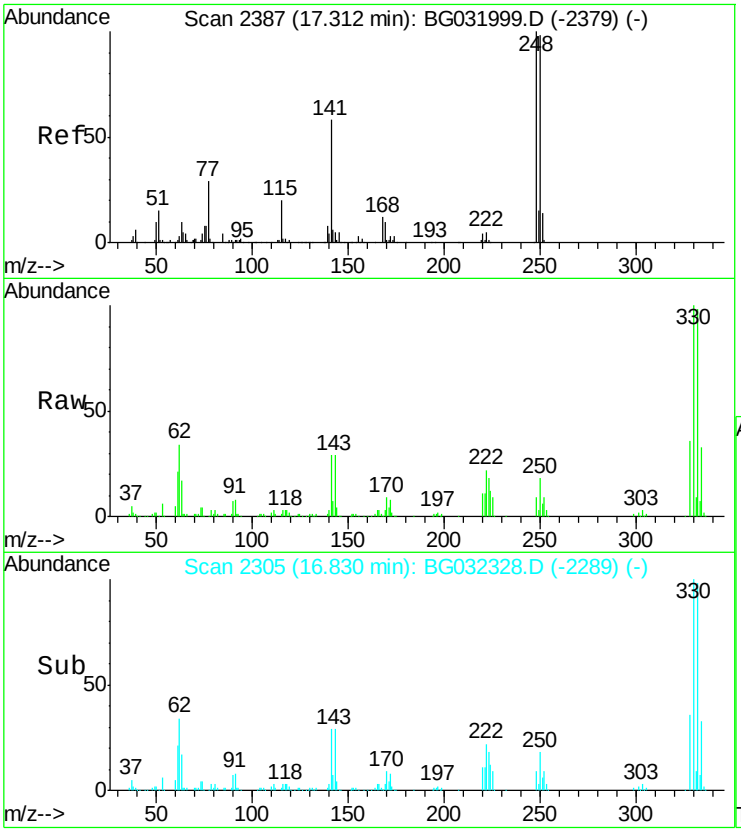


#64
4,6-Dinitro-2-methylphenol
Concen: 5.231 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.37 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:198 Resp: 637

Ion	Ratio	Lower	Upper
198	100		
51	79.5	30.6	70.6#
105	142.2	23.8	63.8#



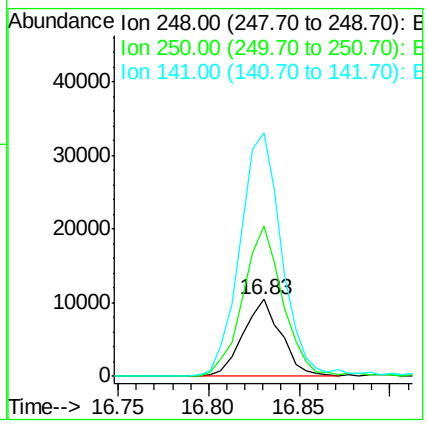


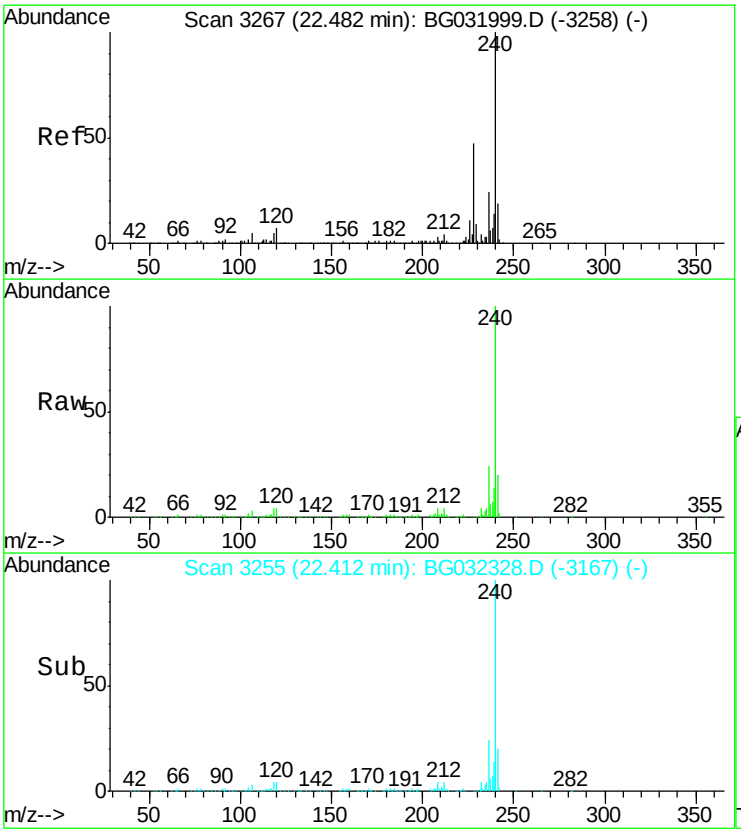
#66
4-Bromophenyl-phenylether
Concen: 4.169 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:248 Resp: 15295

Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.1	115.7#
141	317.3	50.8	76.2#

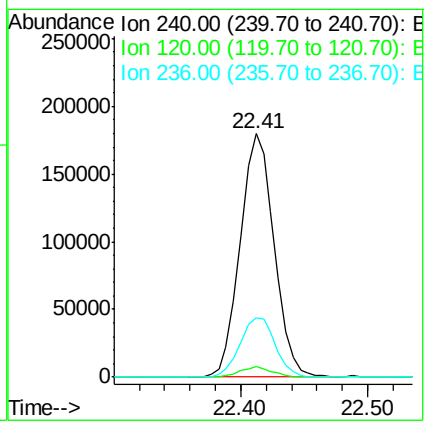


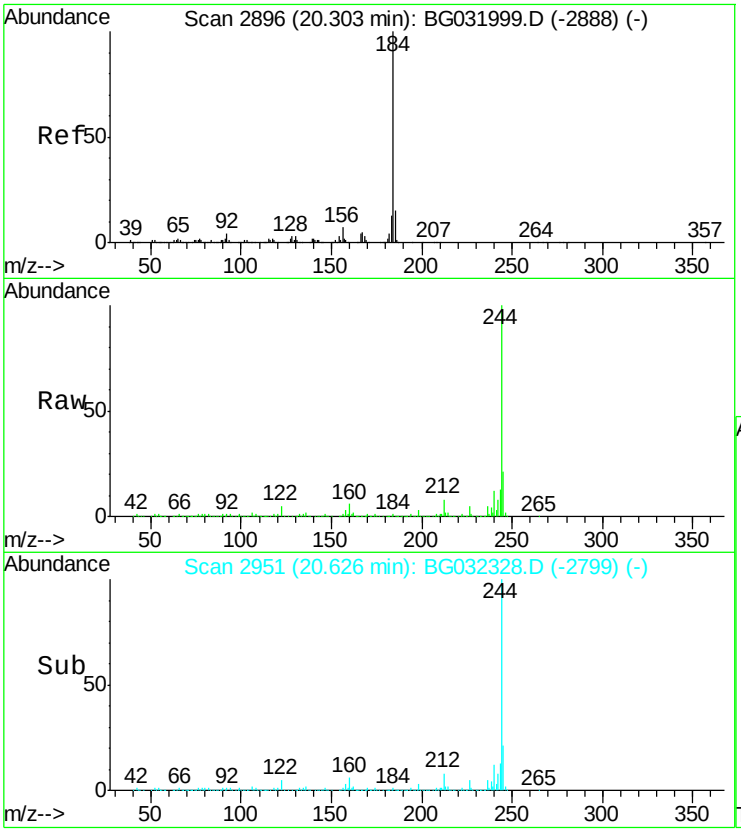


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:240 Resp: 333948

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	24.3	20.9	31.3



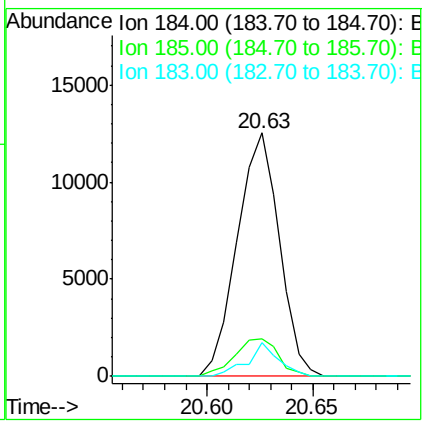


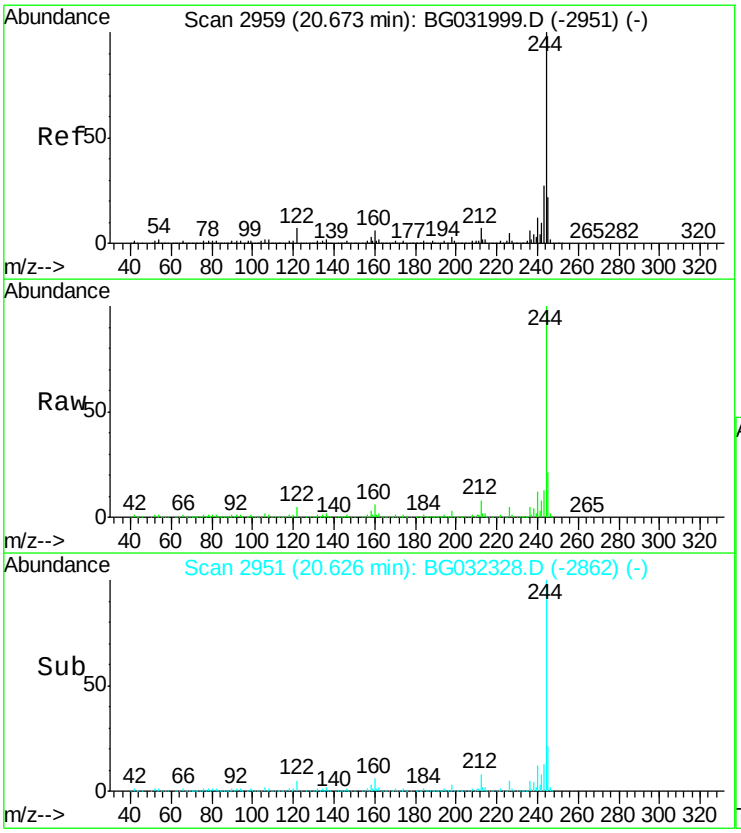
#76
Benzidine
Concen: 2.073 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:184 Resp: 17312

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.7	10.6	16.0

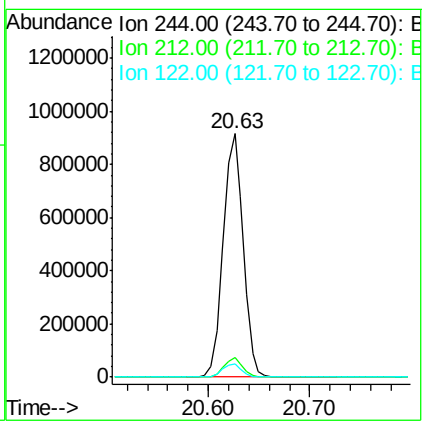


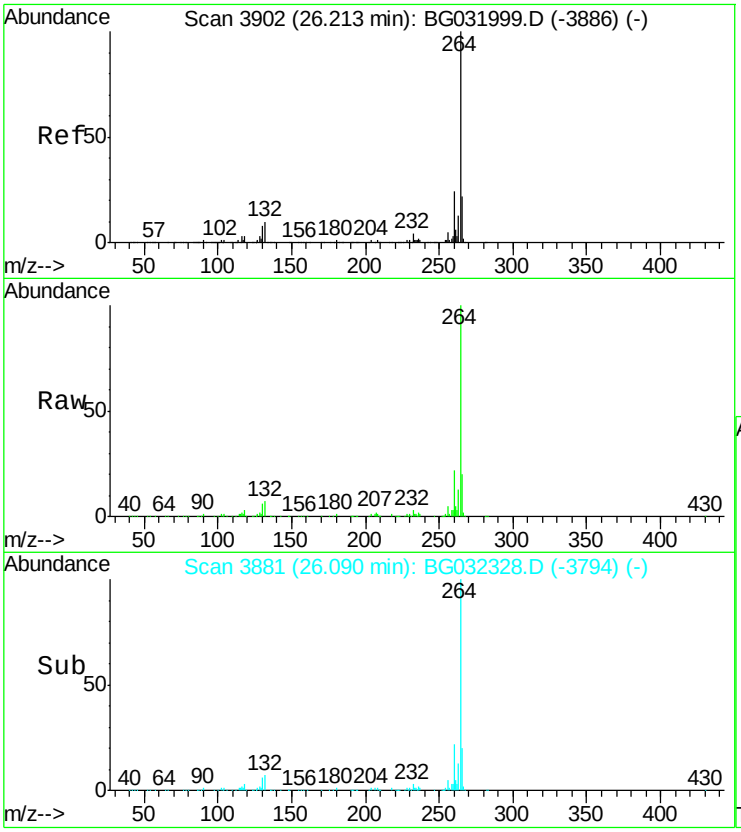


#78
Terphenyl-d14
Concen: 82.409 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Tgt Ion:244 Resp: 1246369

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BG032328.D
Acq: 26 Jan 2018 13:31

Instrument :
BNA_G
ClientSampleId :
PB105983TB

Tgt Ion:264 Resp: 358016

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	20.3	17.7	26.5