Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
Data File : BG032344.D
Acq On : 27 Jan 2018 1:00
Operator : SJ/JU
Sample : PB105951BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 27 02:54:10 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	34857	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	136102	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	94662	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257366	20.00	ng	0.00
75) Chrysene-d12	22.41	240	359444	20.00	ng	-0.01
86) Perylene-d12	26.09	264	374810	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	230064	120.71	ng	0.00
7) Phenol-d6	7.83	99	277151	115.46	ng	0.00
23) Nitrobenzene-d5	9.91	82	175598	87.29	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	211413	134.96	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	640531	83.90	ng	0.00
78) Terphenyl-d14	20.63	244	1360126	83.55	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.05	79	3799	2.179	ng	# 41
19) n-Nitroso-di-n-propylamine	9.91	70	24880	16.706	ng	# 74
50) 2,6-Dinitrotoluene	15.36	165	12832	7.463	ng	# 21
56) 2,4-Dinitrotoluene	15.36	165	12832	5.543	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	501	5.158	ng	# 32
66) 4-Bromophenyl-phenylether	16.83	248	17389	4.749	ng	# 1
76) Benzidine	20.63	184	18840	2.096	ng	# 93

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

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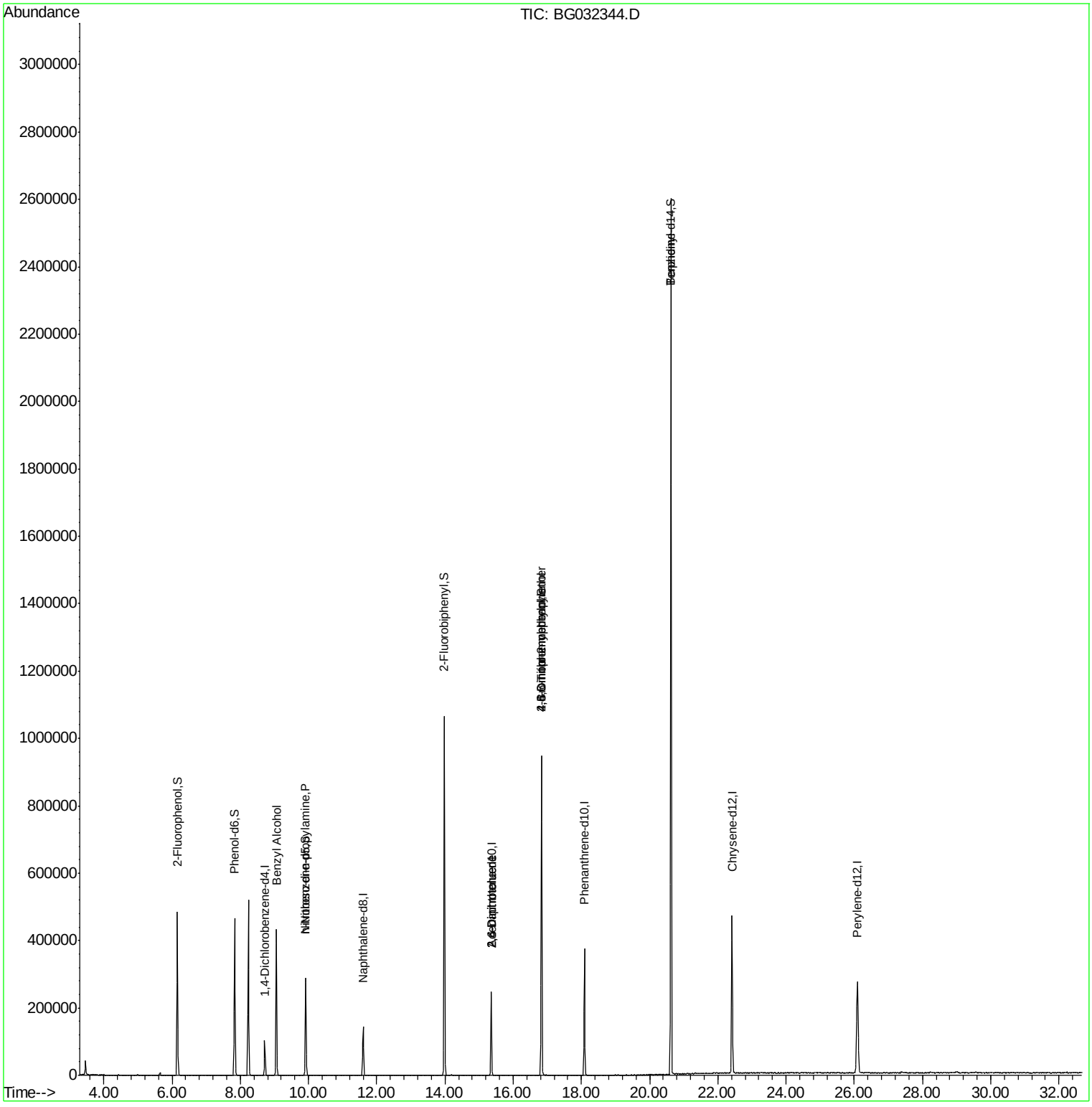
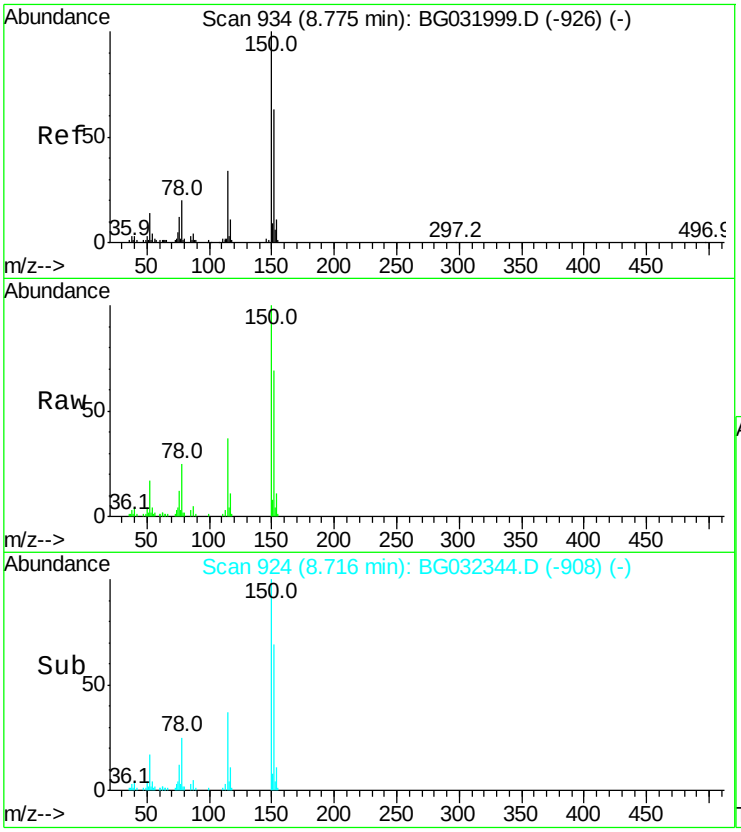


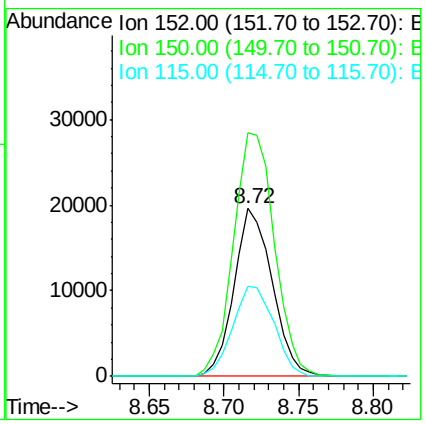


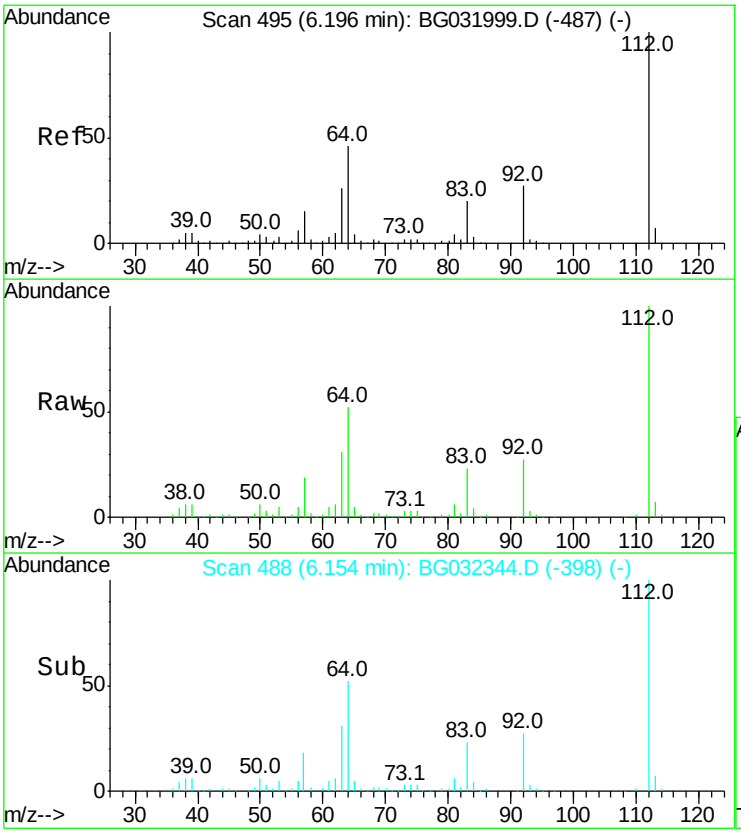
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34857

Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	53.4	53.0	79.4

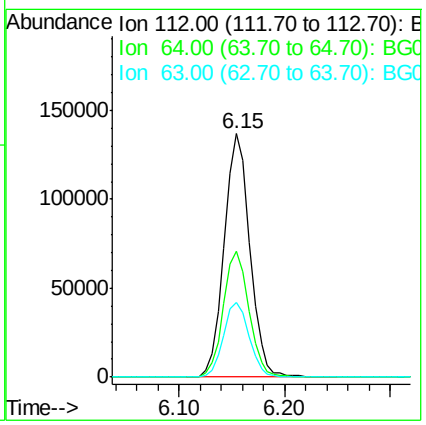


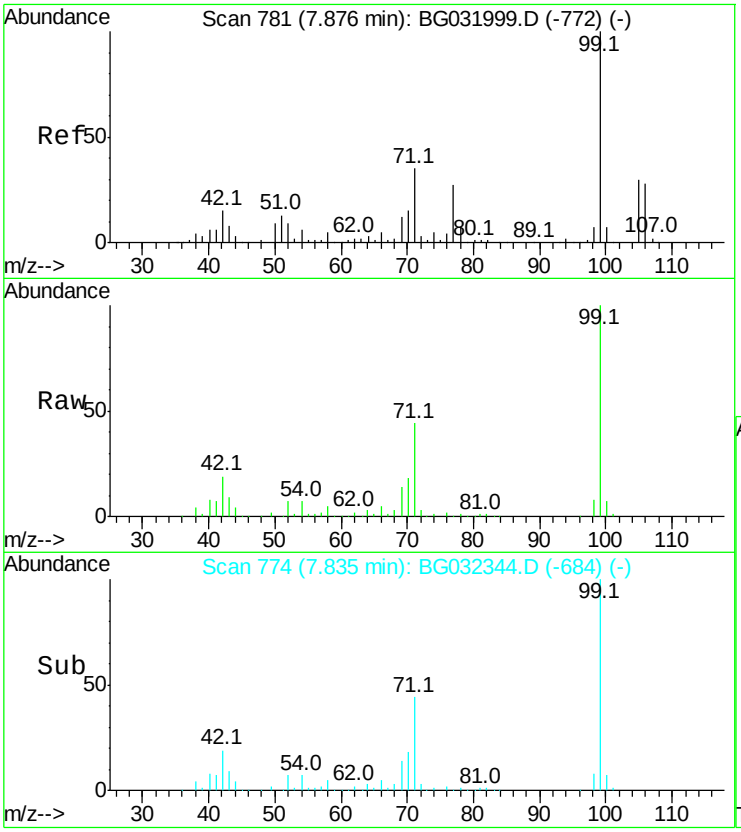


#5
2-Fluorophenol
Concen: 120.714 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:112 Resp: 230064

Ion	Ratio	Lower	Upper
112	100		
64	51.9	56.3	84.5#
63	30.8	30.1	45.1



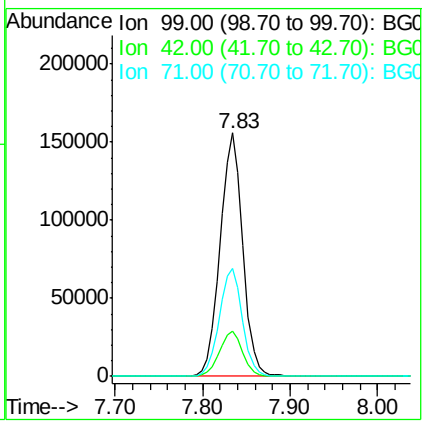


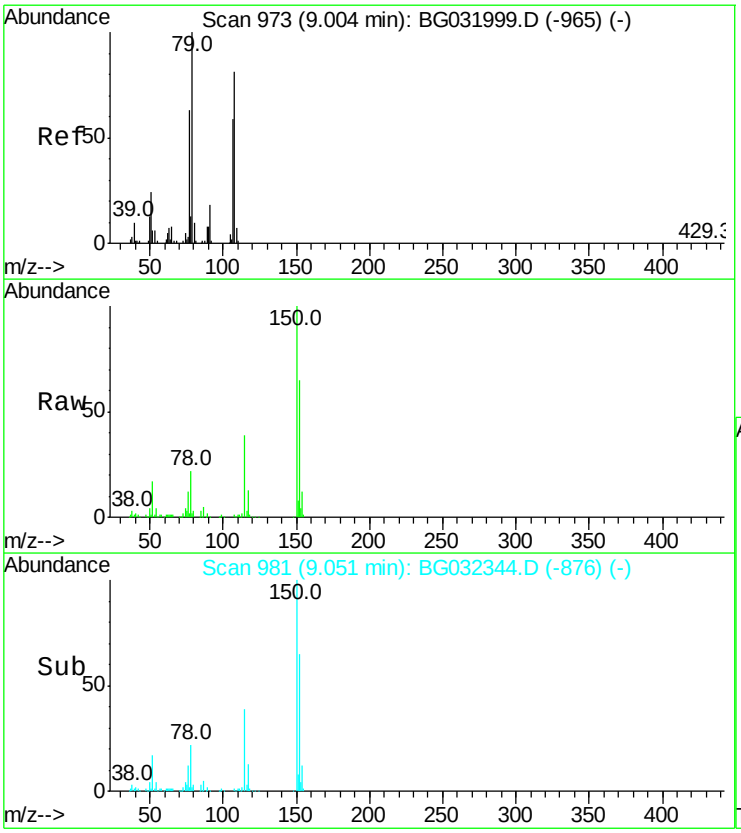
#7
Phenol-d6
Concen: 115.464 ng
RT: 7.83 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 277151

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	44.5	26.1	39.1#

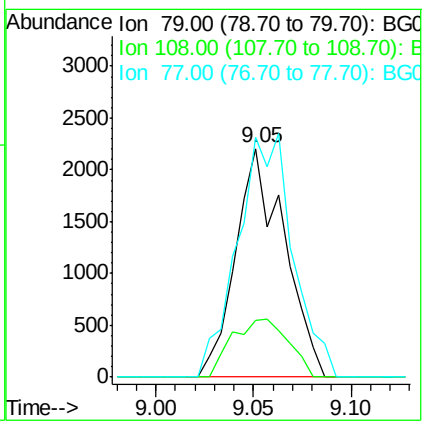


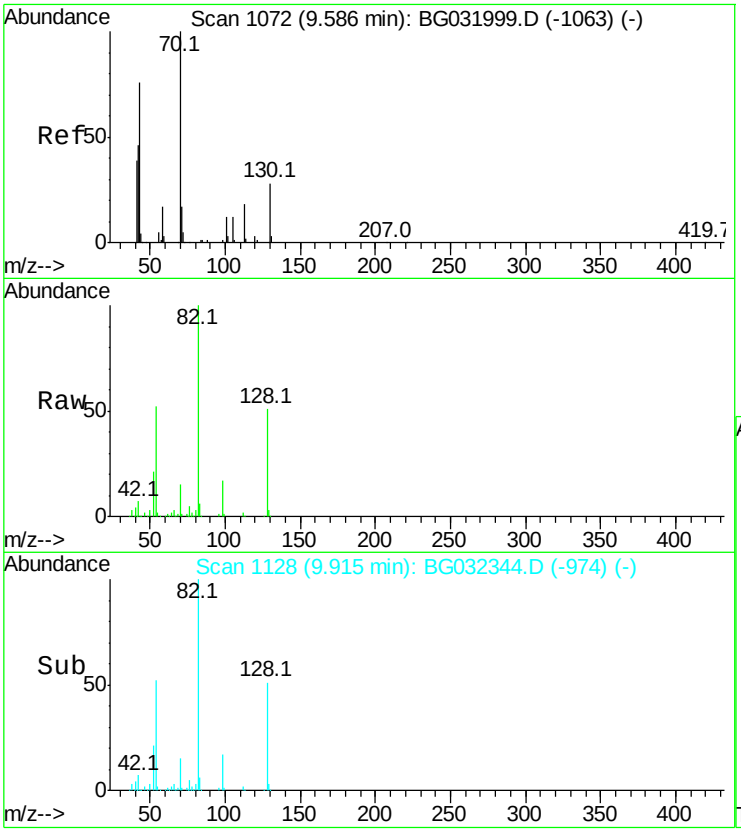


#15
Benzyl Alcohol
Concen: 2.179 ng
RT: 9.05 min Scan# 981
Delta R.T. 0.09 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion: 79 Resp: 3799

Ion	Ratio	Lower	Upper
79	100		
108	24.8	57.2	85.8#
77	104.6	46.1	69.1#



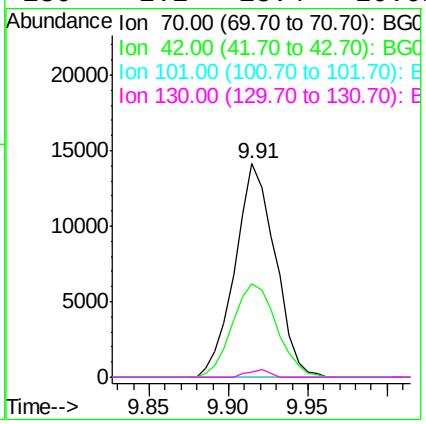


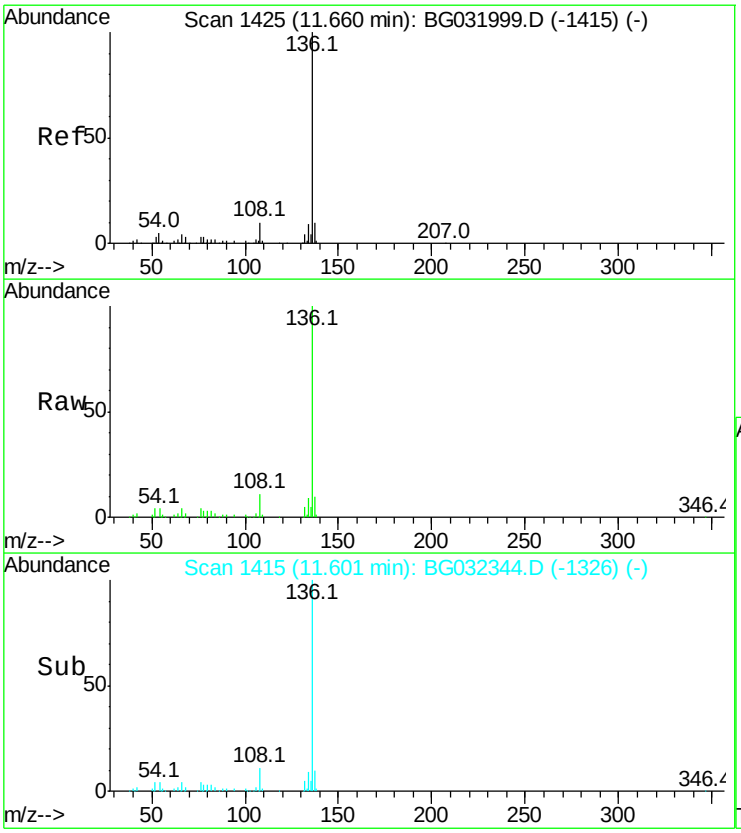
#19
n-Nitroso-di-n-propylamine
Concen: 16.706 ng
RT: 9.91 min Scan# 1128
Delta R.T. 0.37 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 24880

Ion	Ratio	Lower	Upper
70	100		
42	43.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

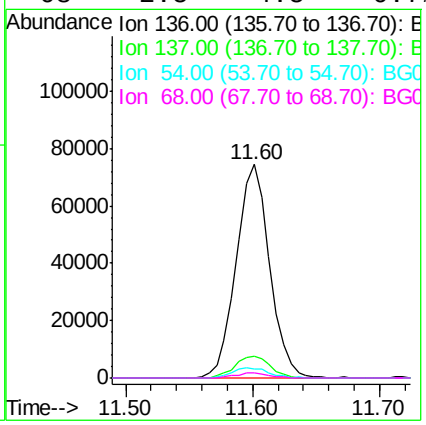


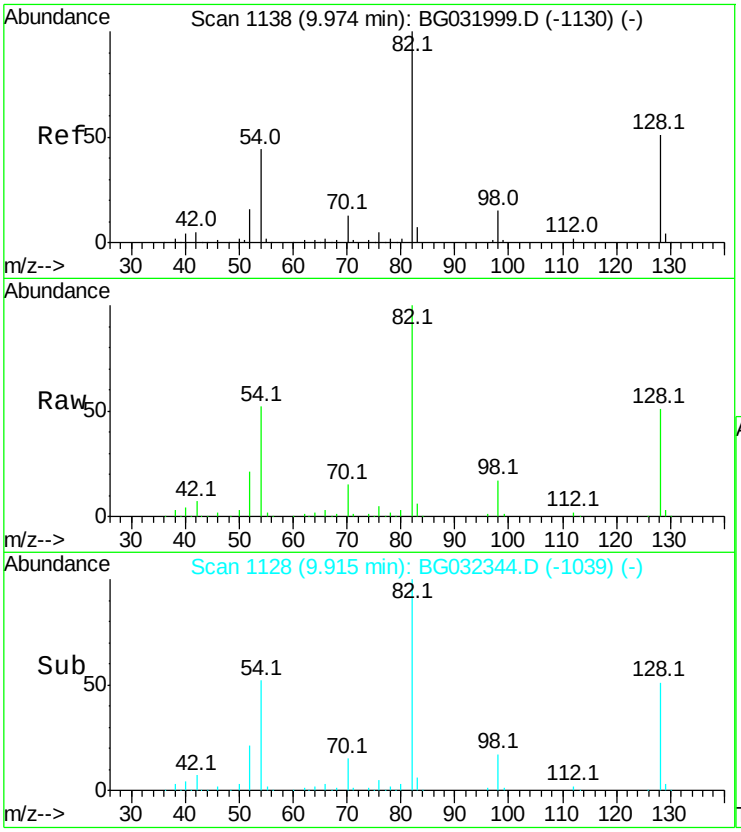


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:136 Resp: 136102

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	4.4	10.3	15.5#
68	2.5	4.5	6.7#



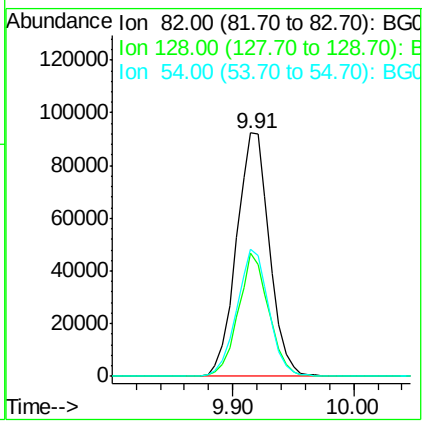


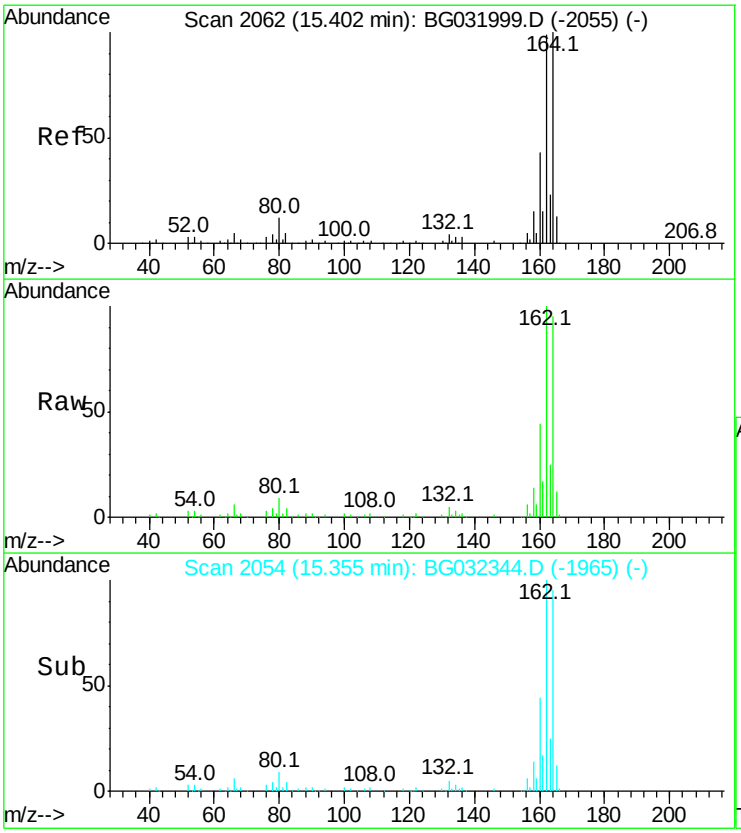
#23
Nitrobenzene-d5
Concen: 87.287 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 175598

Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	52.3	43.1	64.7

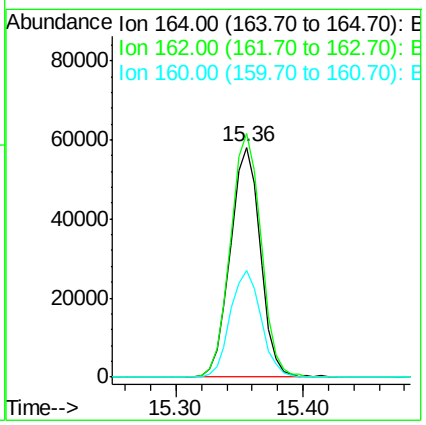


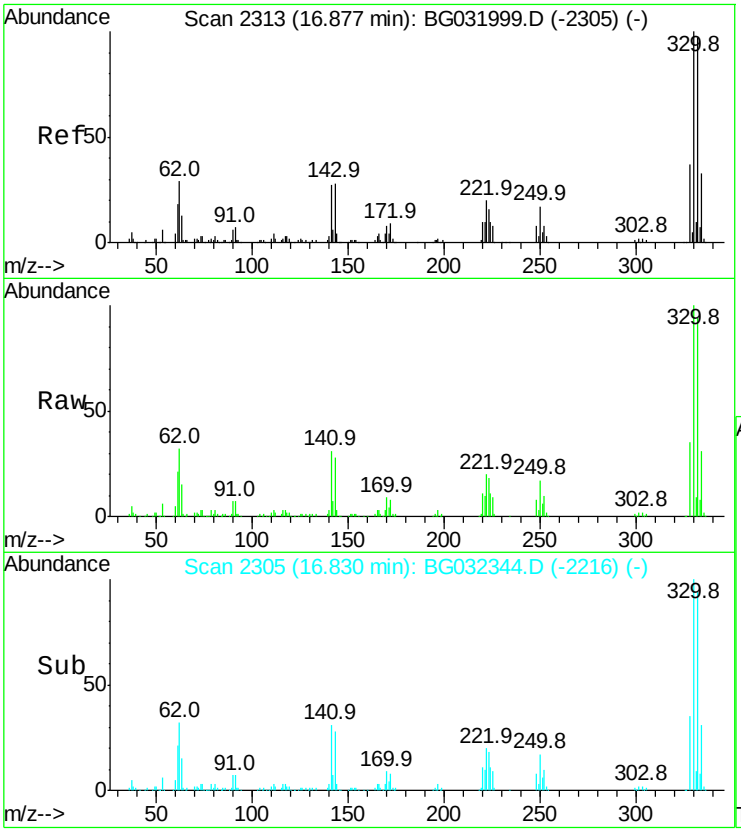


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:164 Resp: 94662

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	46.6	35.4	53.0



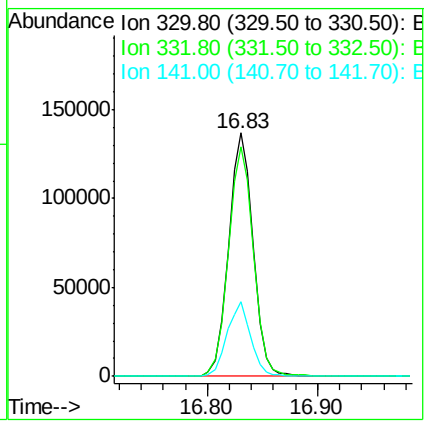


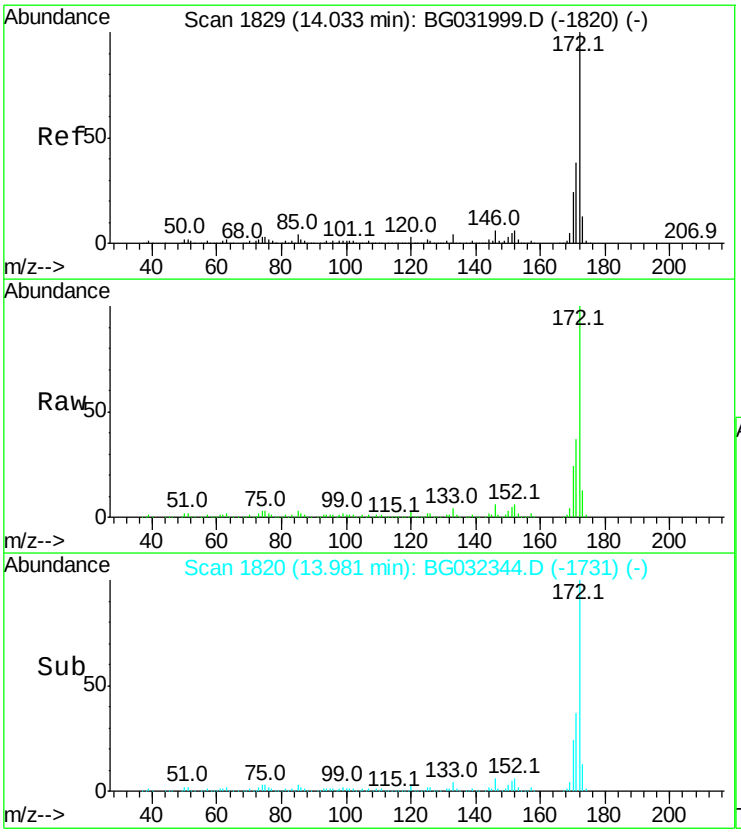
#41
2,4,6-Tribromophenol
Concen: 134.964 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 211413

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.7	25.2	37.8

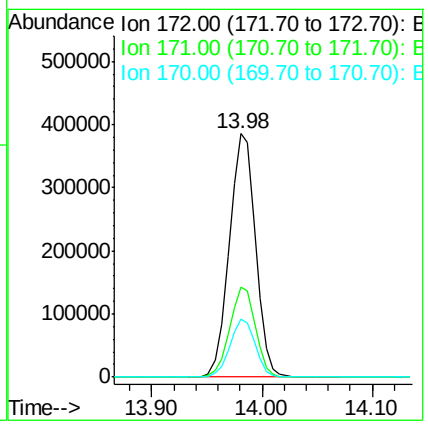


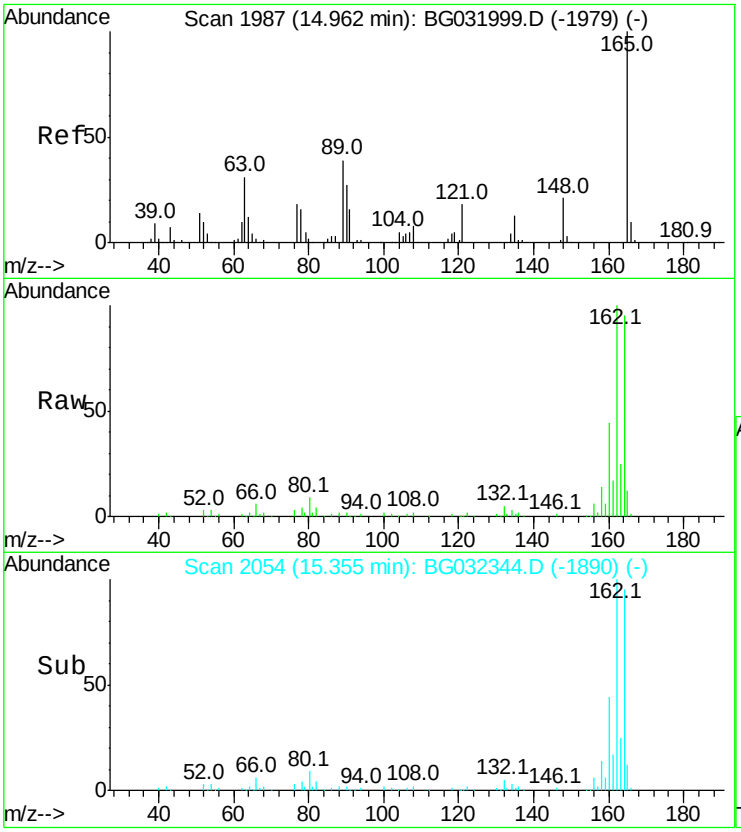


#44
2-Fluorobiphenyl
Concen: 83.901 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:172 Resp: 640531

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.7	19.5	29.3



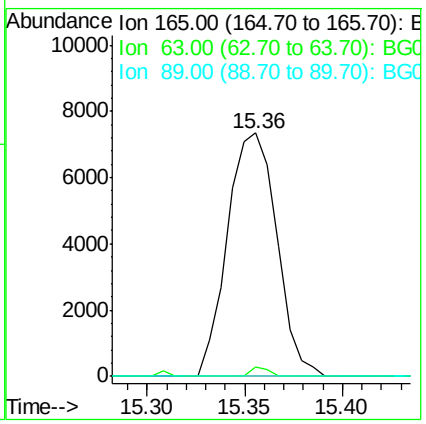


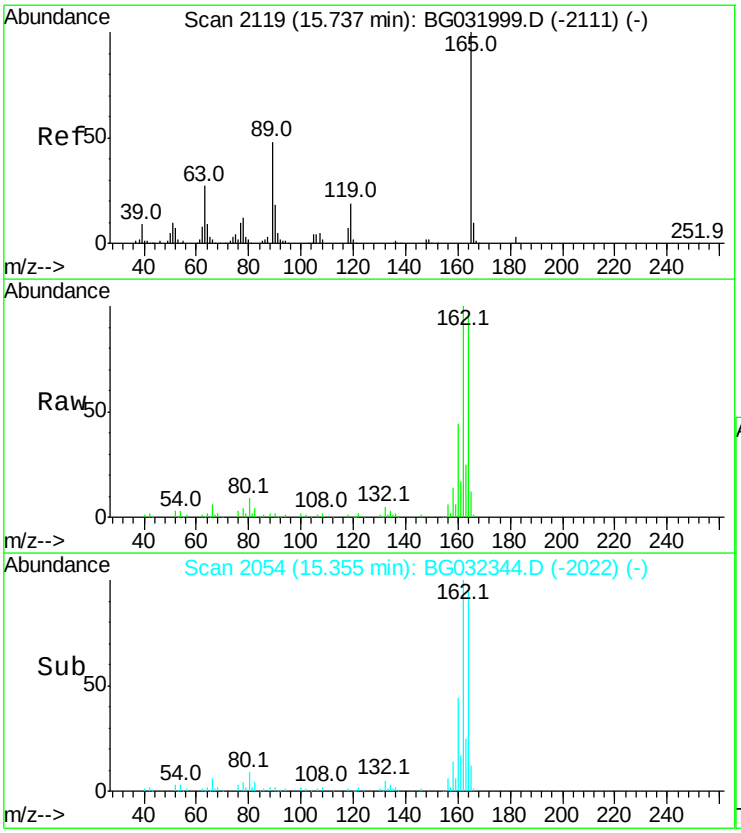
#50
2,6-Dinitrotoluene
Concen: 7.463 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12832

Ion	Ratio	Lower	Upper
165	100		
63	3.6	52.7	79.1#
89	0.0	49.2	73.8#

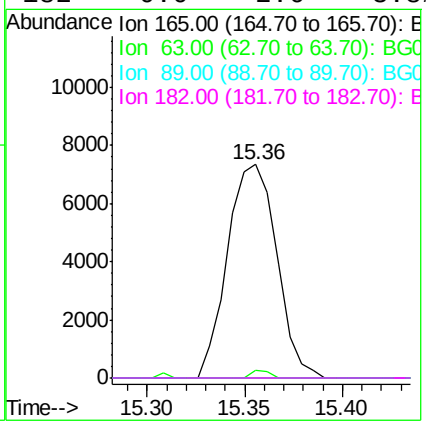


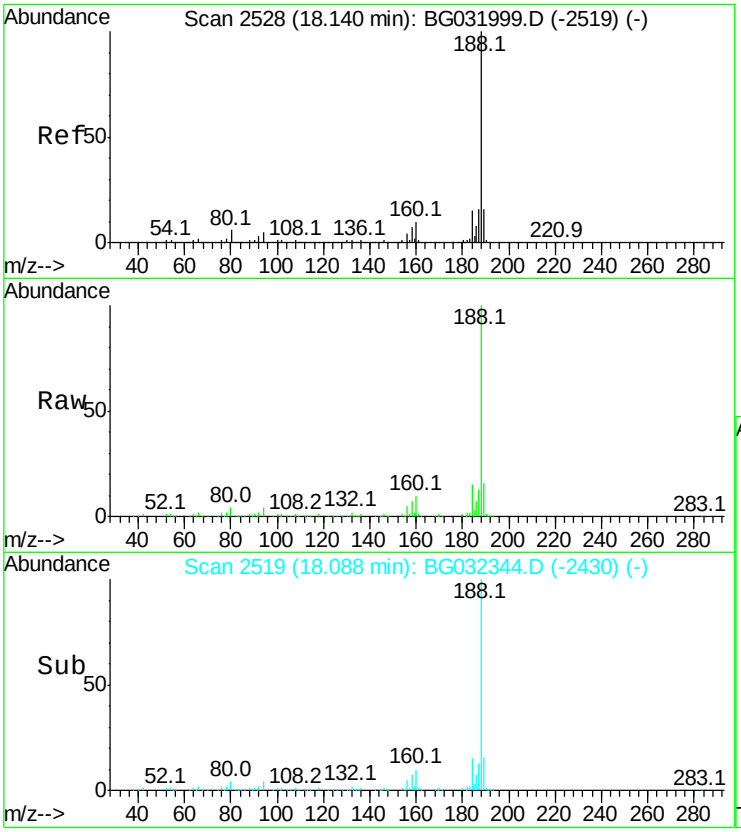


#56
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:165 Resp: 12832

Ion	Ratio	Lower	Upper
165	100		
63	3.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



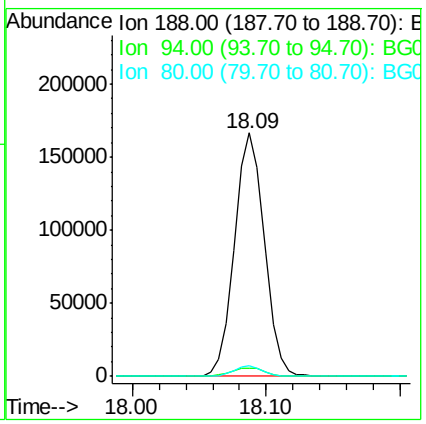


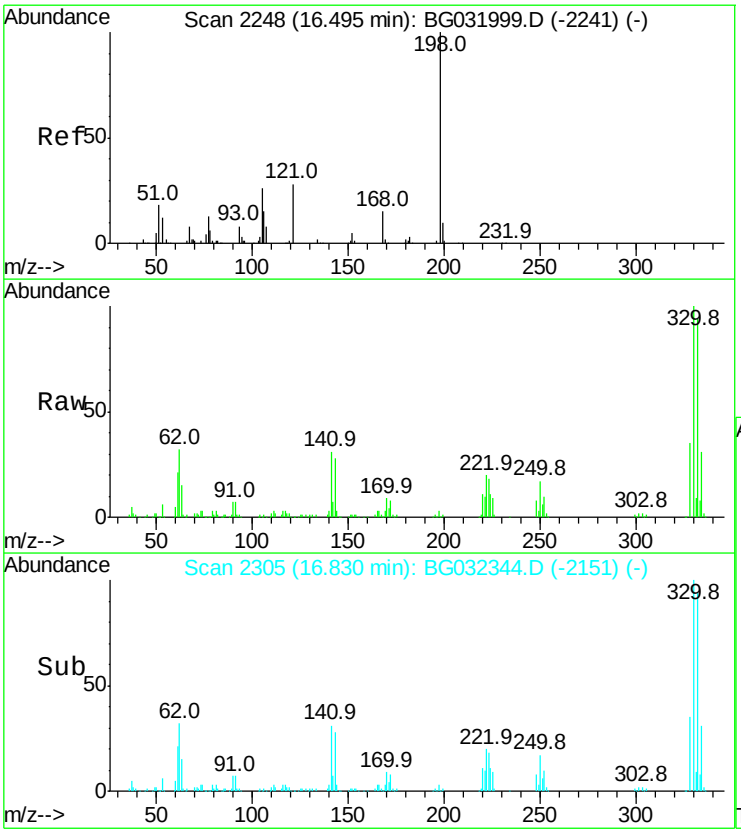
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 257366

Ion	Ratio	Lower	Upper
188	100		
94	3.6	6.9	10.3#
80	4.5	7.7	11.5#

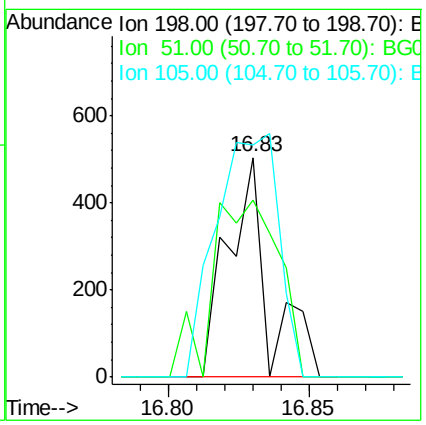


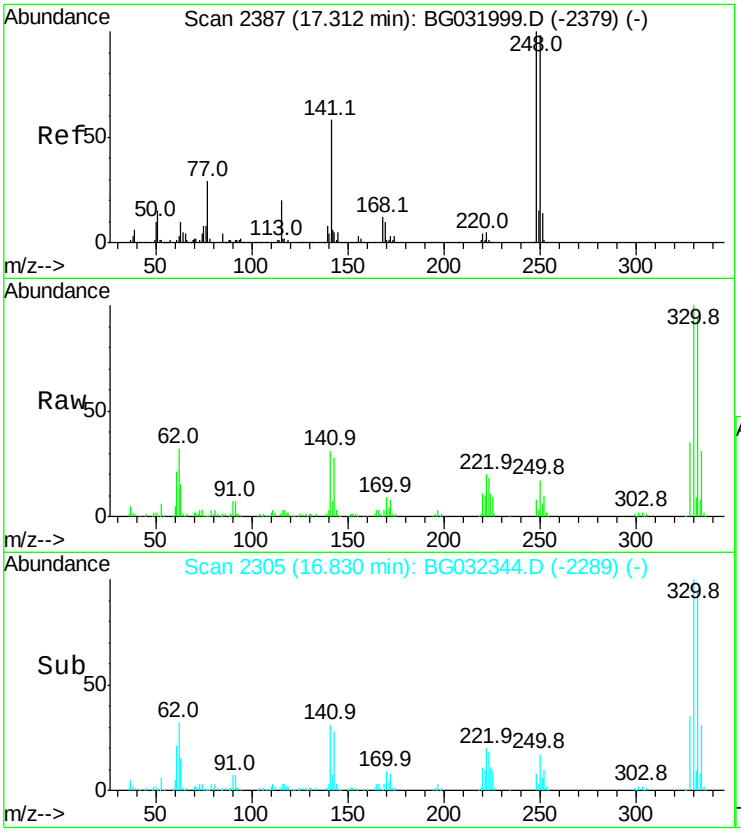


#64
4,6-Dinitro-2-methylphenol
Concen: 5.158 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.37 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:198 Resp: 501

Ion	Ratio	Lower	Upper
198	100		
51	80.8	30.6	70.6#
105	105.8	23.8	63.8#



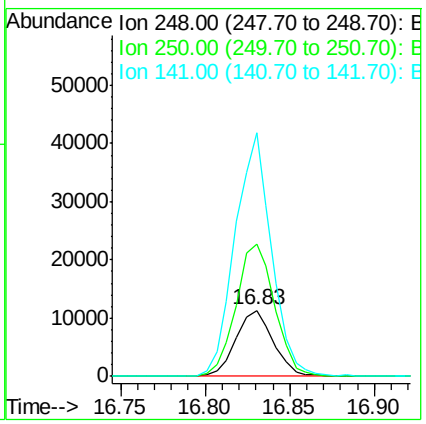


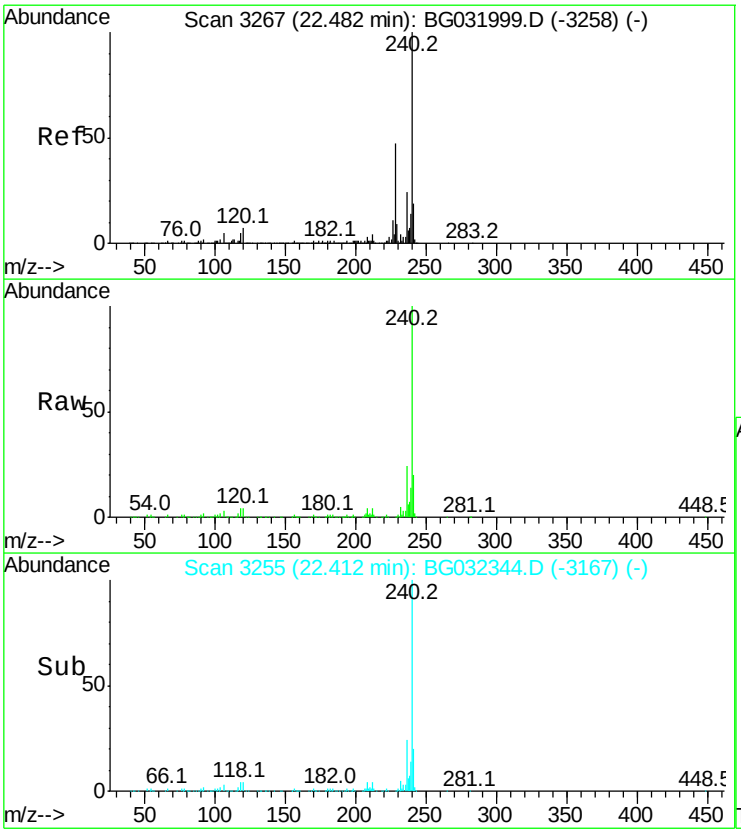
#66
4-Bromophenyl-phenylether
Concen: 4.749 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17389

Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.1	115.7#
141	368.9	50.8	76.2#

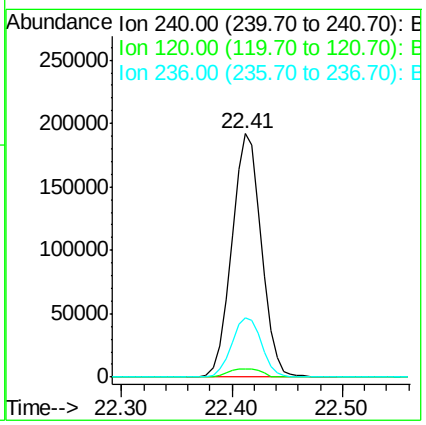


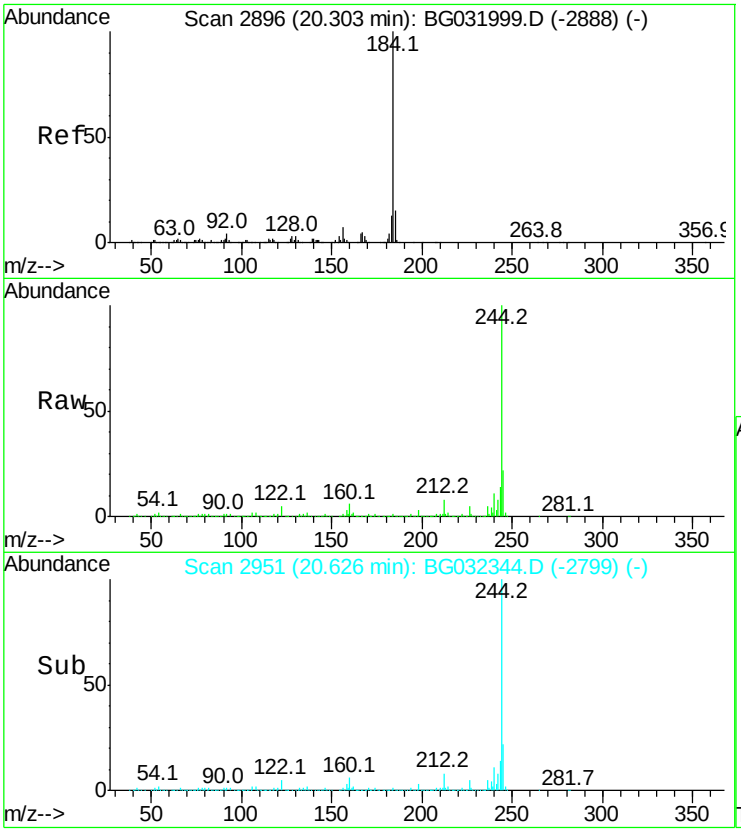


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:240 Resp: 359444

Ion	Ratio	Lower	Upper
240	100		
120	3.5	6.8	10.2#
236	24.5	20.9	31.3



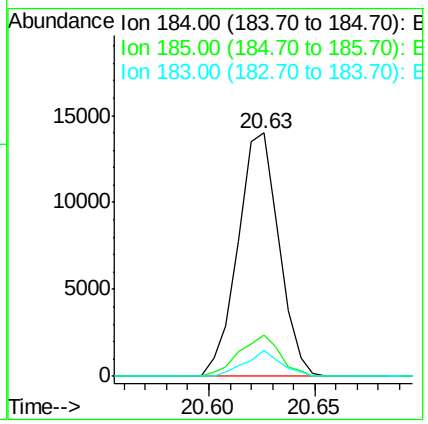


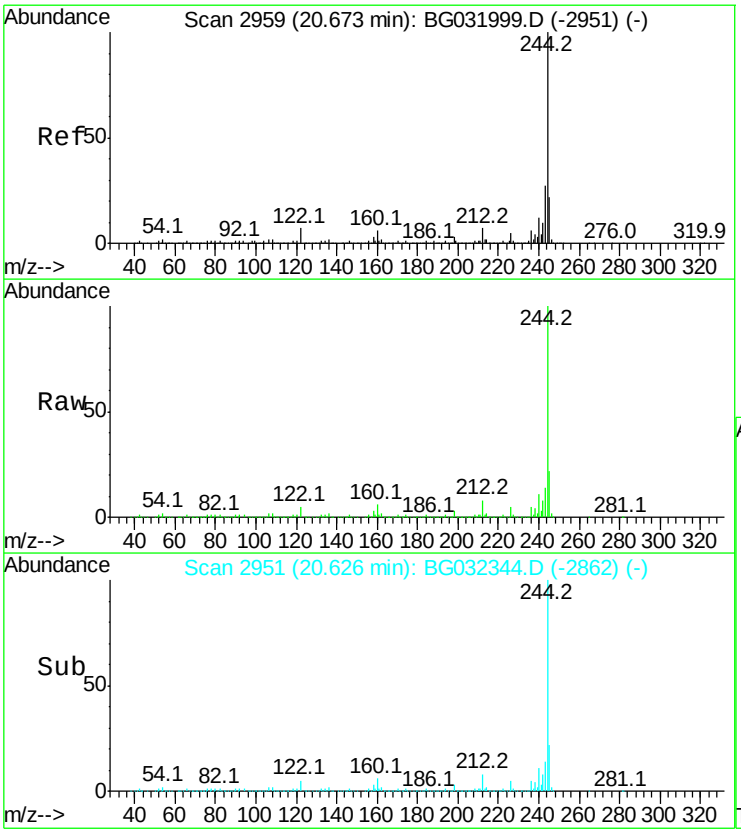
#76
Benzidine
Concen: 2.096 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18840

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7#
183	10.8	10.6	16.0

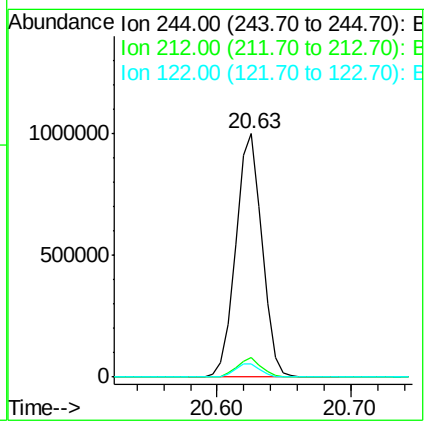


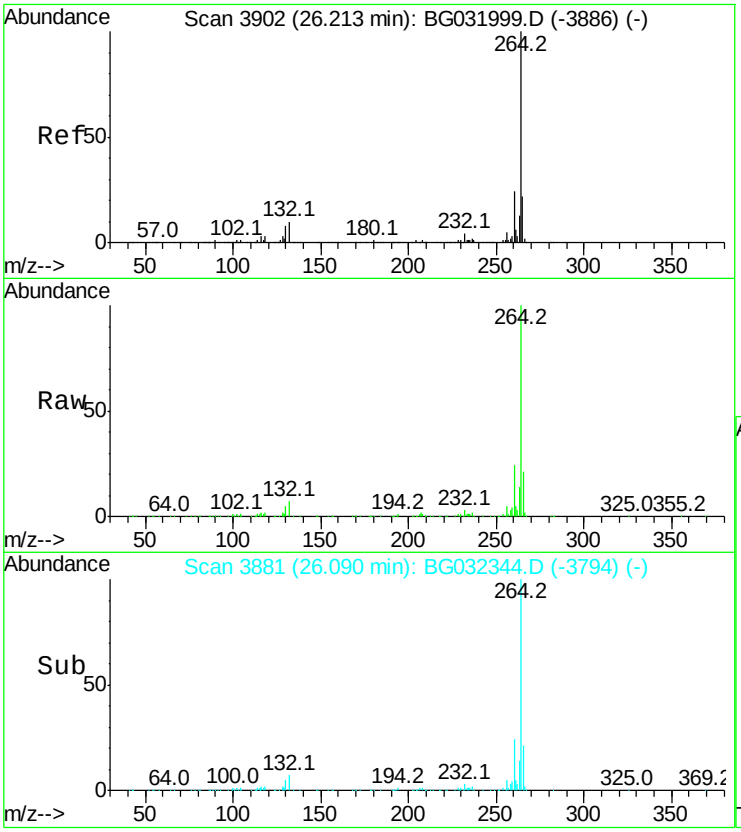


#78
Terphenyl-d14
Concen: 83.552 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:244 Resp: 1360126

Ion	Ratio	Lower	Upper
244	100		
212	8.0	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: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 374810

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	17.7	26.5