Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032500.D
Acq On : 1 Feb 2018 21:38
Operator : SJ/JU
Sample : J1405-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 02 02:50:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23098	20.00	ng	-0.01
21) Naphthalene-d8	11.60	136	91006	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	66787	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	185056	20.00	ng	0.00
75) Chrysene-d12	22.41	240	251715	20.00	ng	-0.01
86) Perylene-d12	26.08	264	271060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	167569	145.71	ng	0.00
7) Phenol-d6	7.84	99	203371	132.53	ng	0.00
23) Nitrobenzene-d5	9.91	82	128921	88.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	188334	148.14	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	469528	83.56	ng	-0.01
78) Terphenyl-d14	20.61	244	1009832	85.94	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.86	94	3772	2.588	ng	# 1
19) n-Nitroso-di-n-propylamine	9.91	70	18083	17.772	ng	# 77
49) Dimethylphthalate	14.77	163	33663	5.466	ng	96
50) 2,6-Dinitrotoluene	15.34	165	8970	6.940	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	8970	4.874	ng	# 16
66) 4-Bromophenyl-phenylether	16.83	248	15839	5.777	ng	# 1
76) Benzidine	20.62	184	14769	2.988	ng	# 91

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

Quantitation Report (Not Reviewed)

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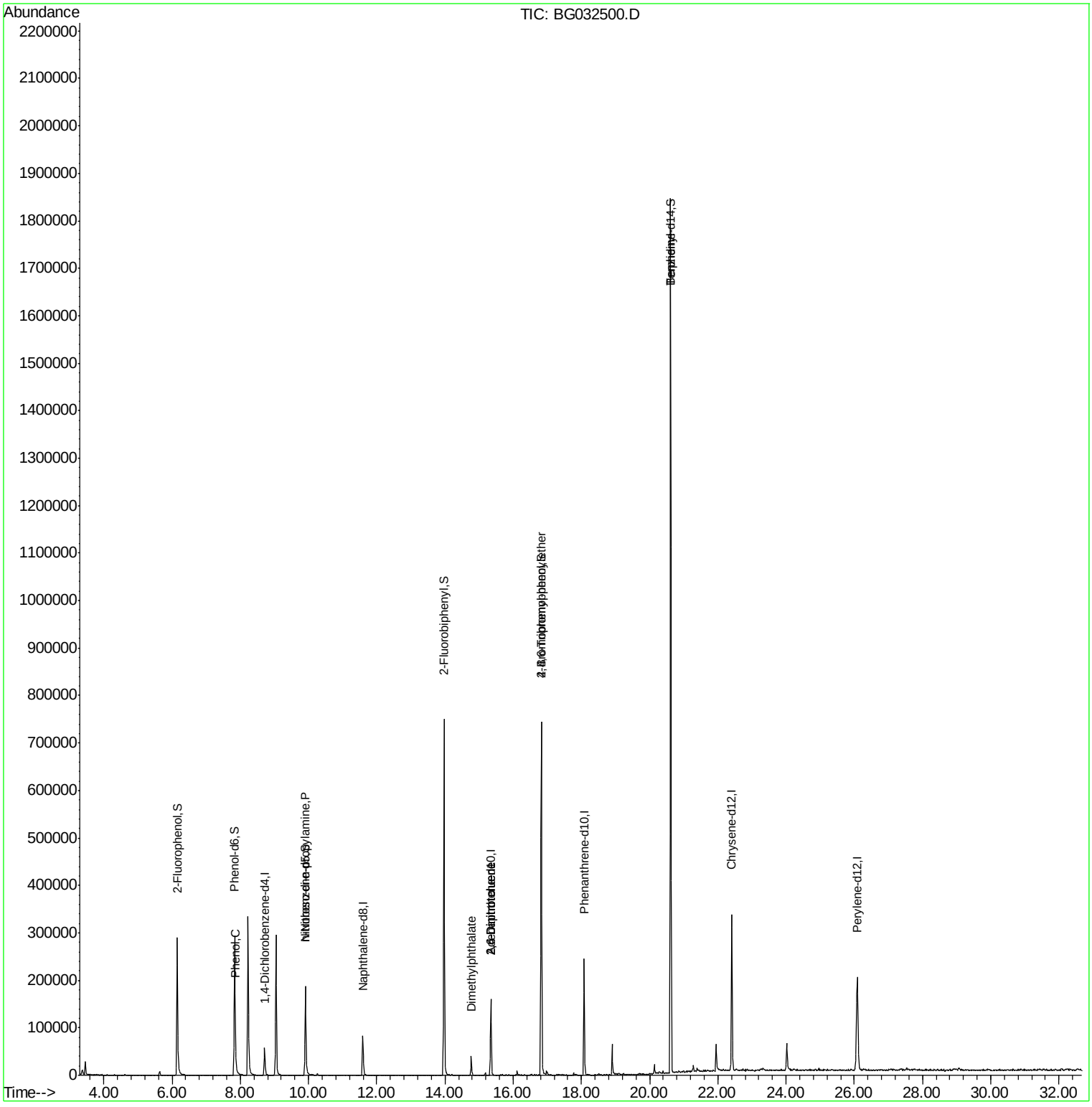
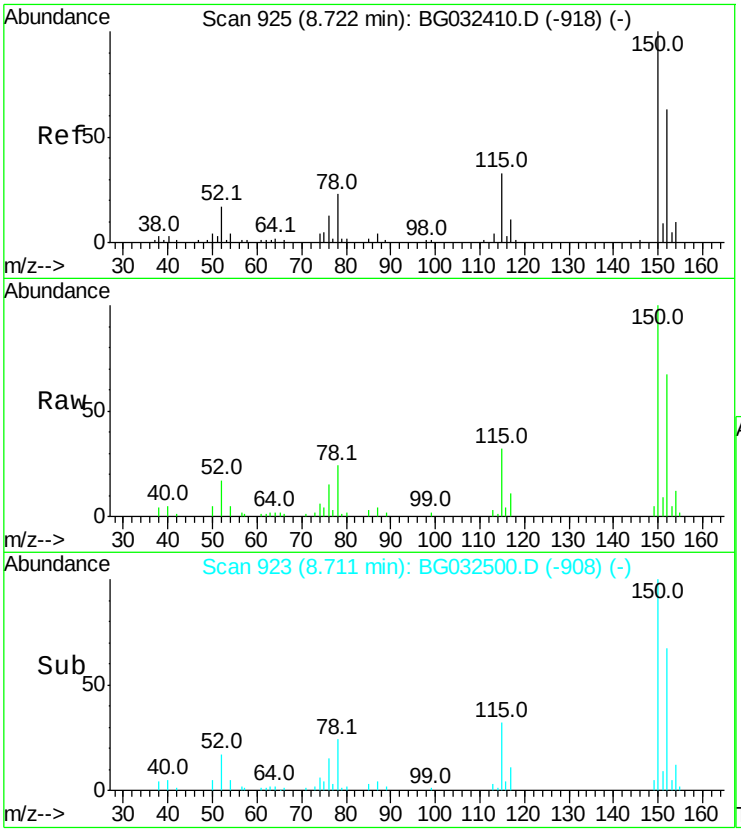


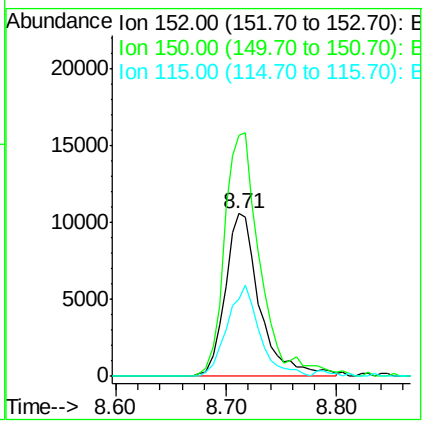


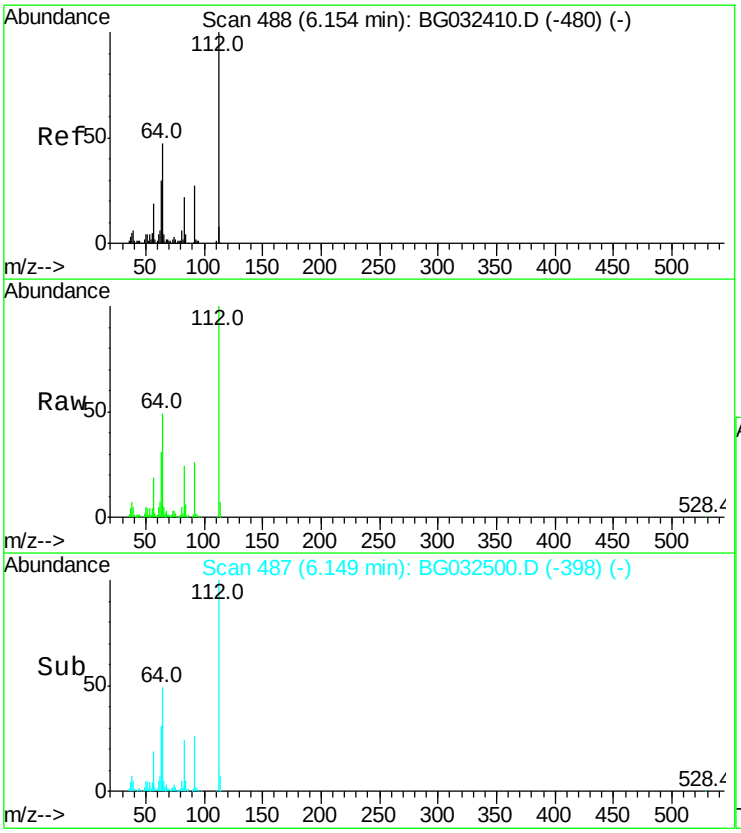
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23098

Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	47.8	53.0	79.4#

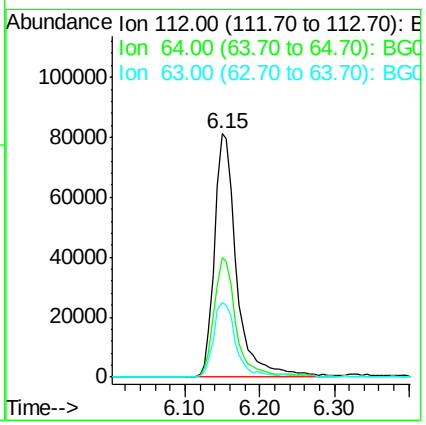


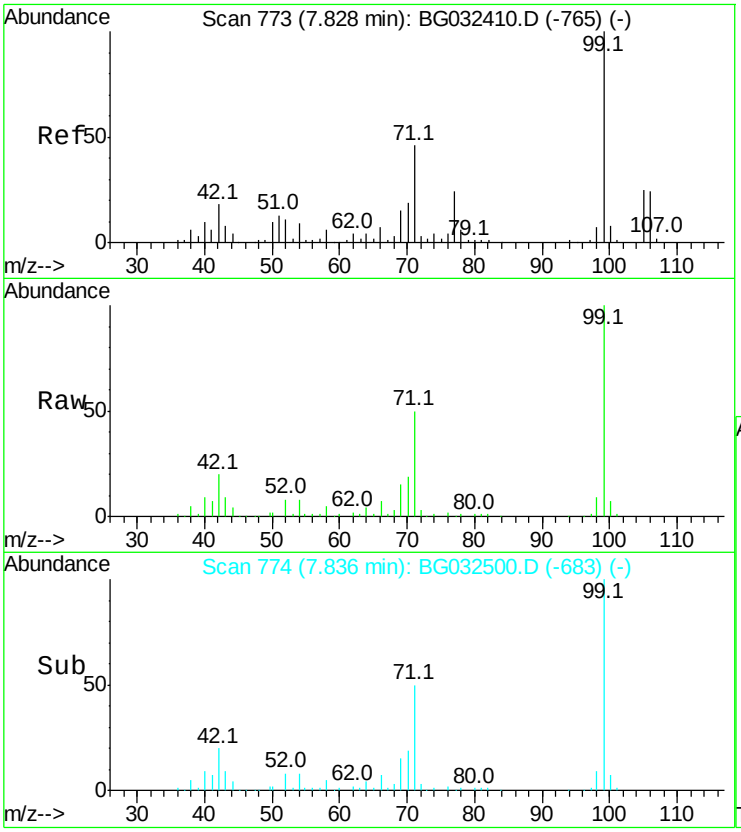


#5
2-Fluorophenol
Concen: 145.715 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:112 Resp: 167569

Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5#
63	30.6	30.1	45.1



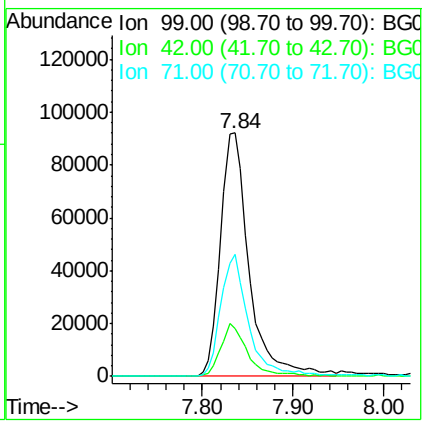


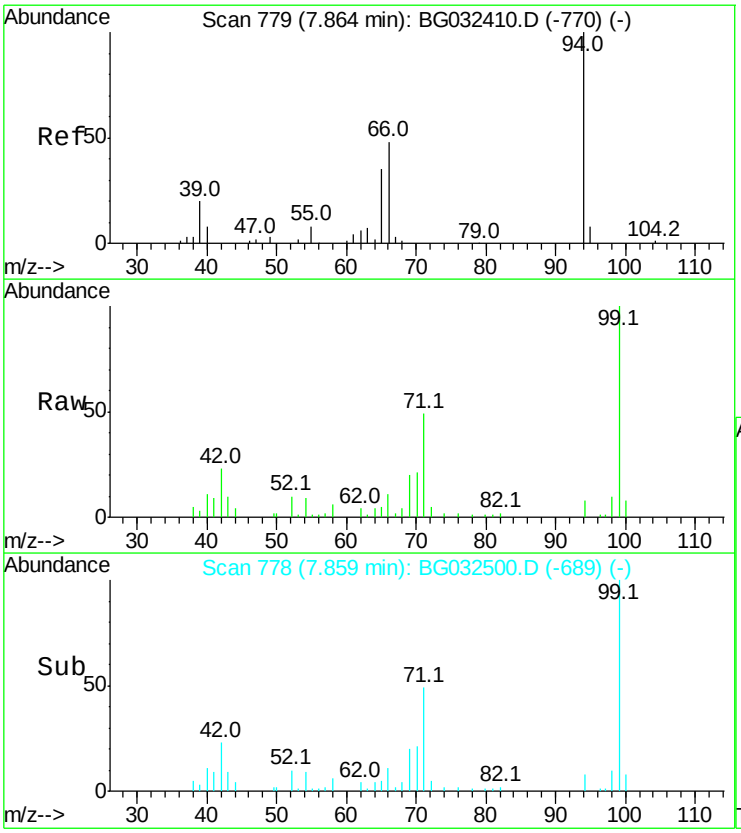
#7
Phenol-d6
Concen: 132.528 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 203371

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.1	21.1
71	50.0	26.1	39.1#

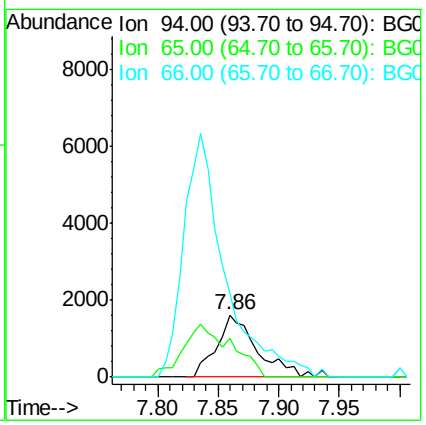


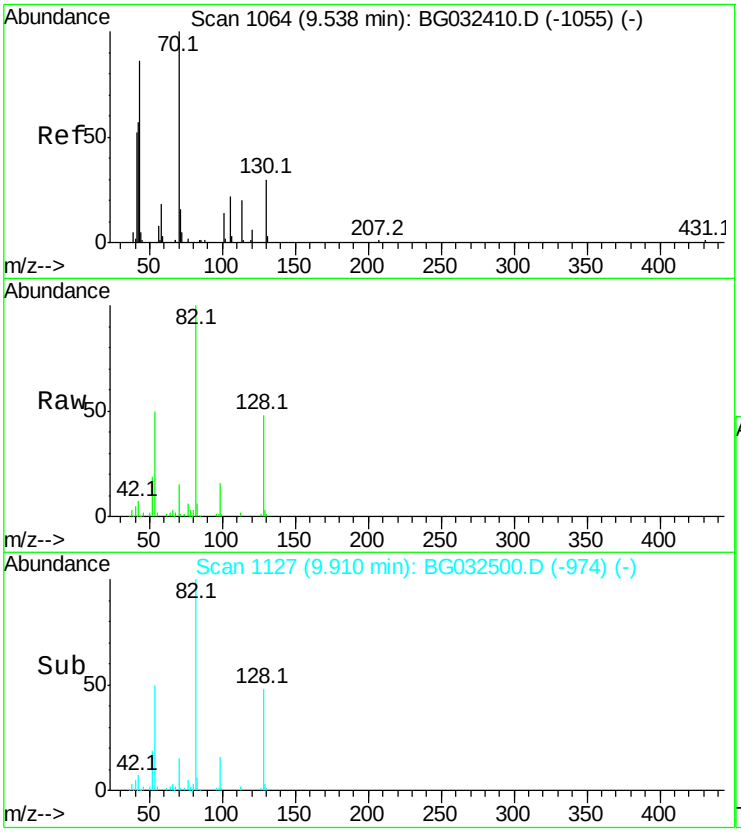


#10
Phenol
Concen: 2.588 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion: 94 Resp: 3772

Ion	Ratio	Lower	Upper
94	100		
65	62.7	11.9	51.9#
66	134.1	22.2	62.2#



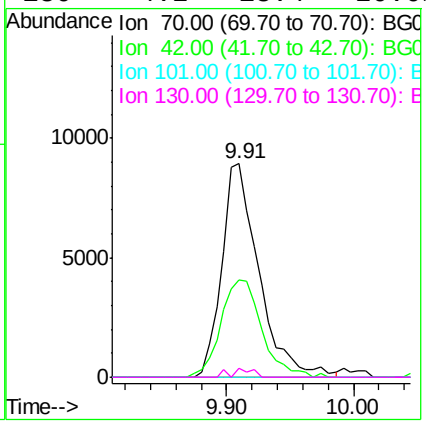


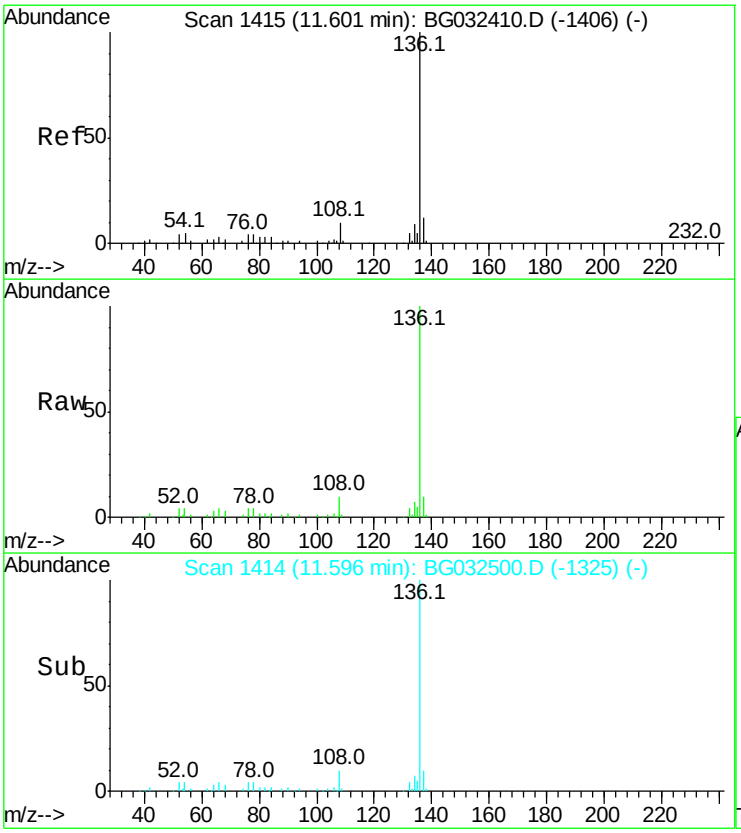
#19
n-Nitroso-di-n-propylamine
Concen: 17.772 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 18083

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.1	73.7#
101	0.0	8.5	12.7#
130	4.2	13.4	20.0#

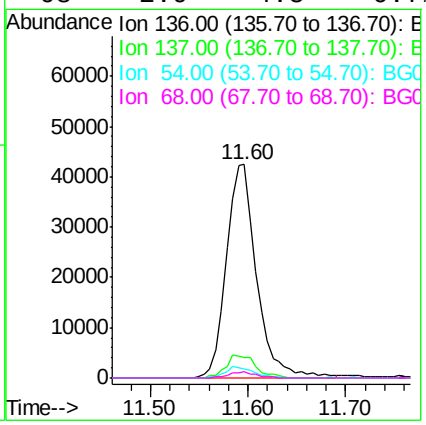


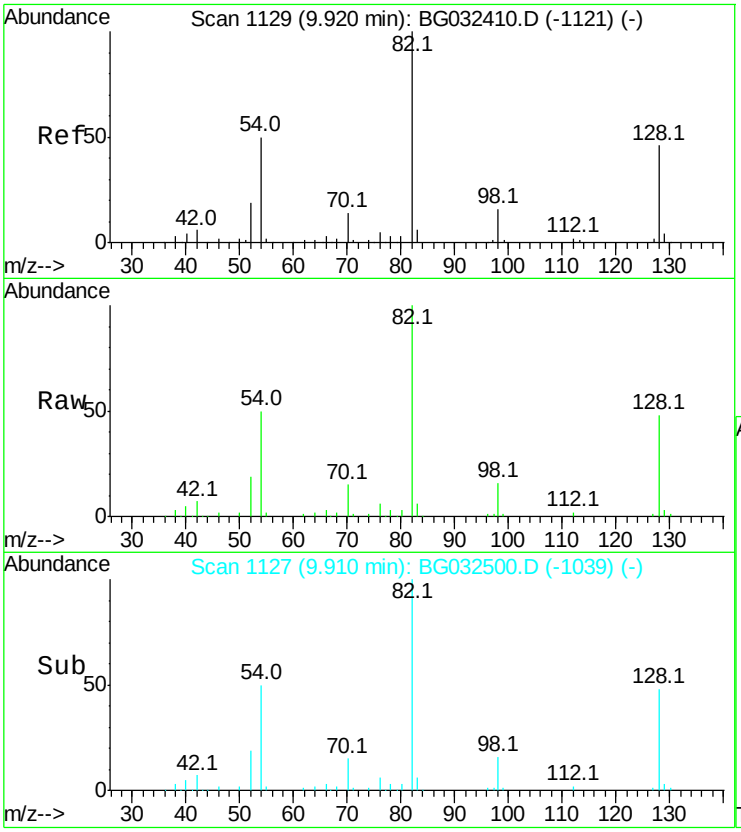


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:136 Resp: 91006

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.5	10.3	15.5#
68	2.9	4.5	6.7#



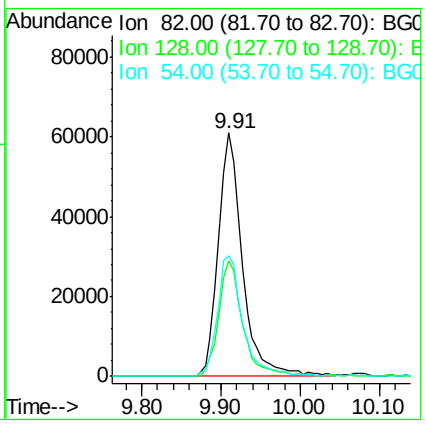


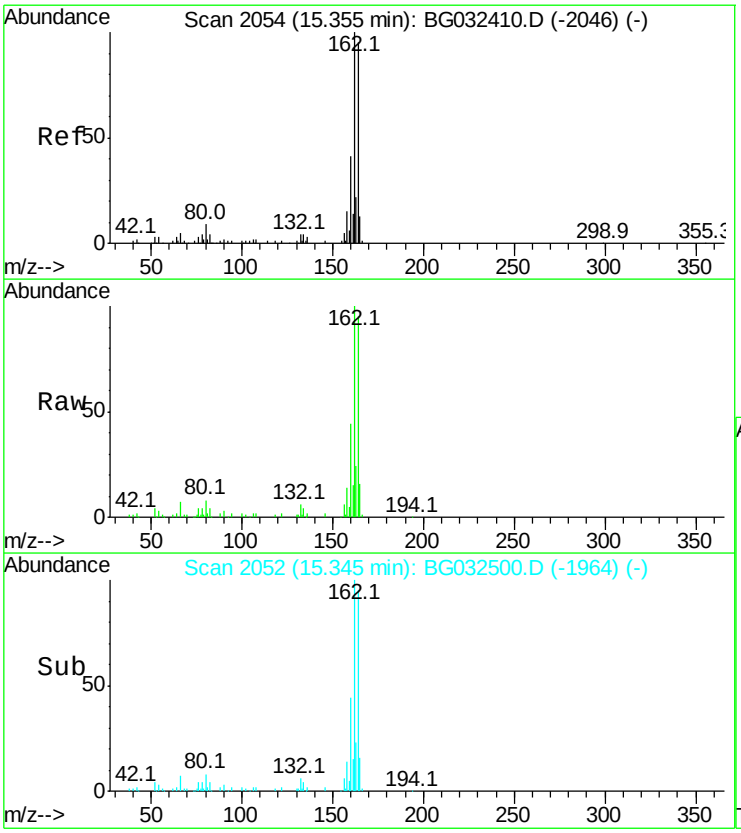
#23
Nitrobenzene-d5
Concen: 88.483 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 128921

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	49.6	43.1	64.7

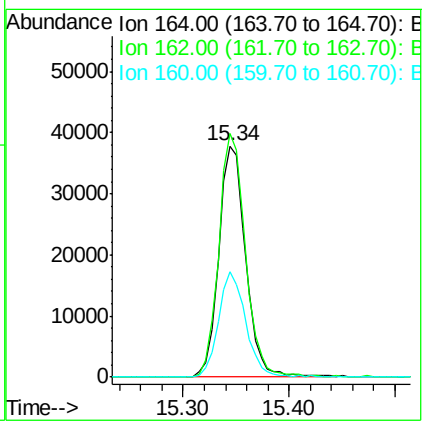


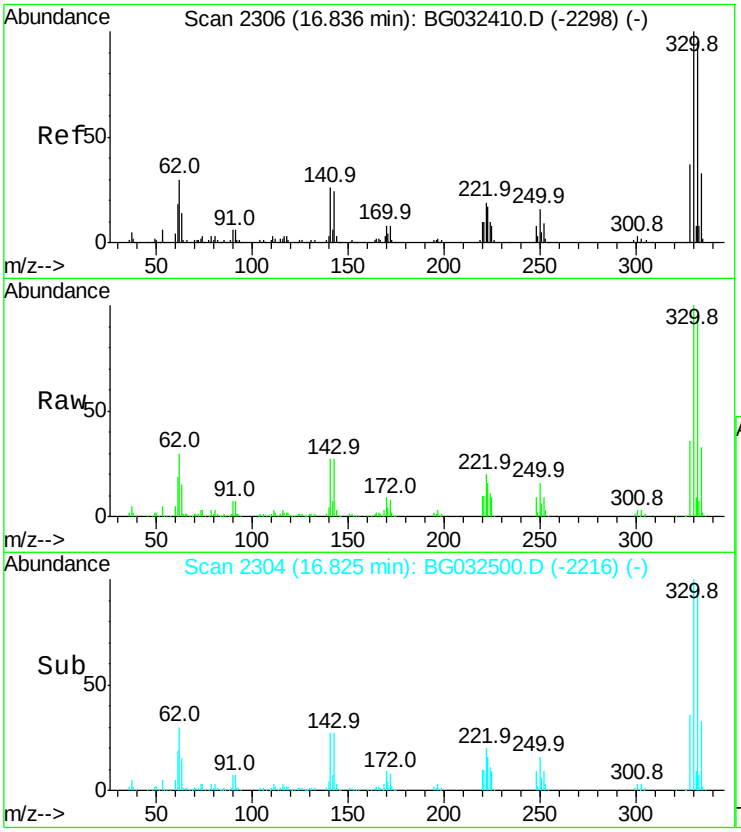


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:164 Resp: 66787

Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	45.8	35.4	53.0



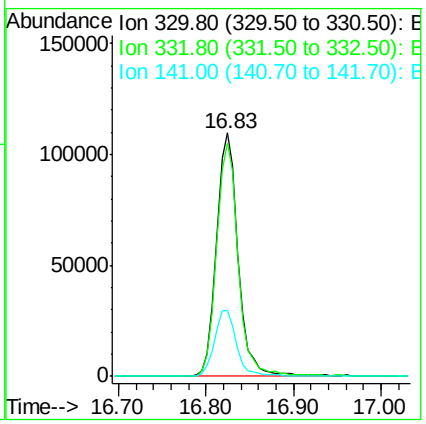


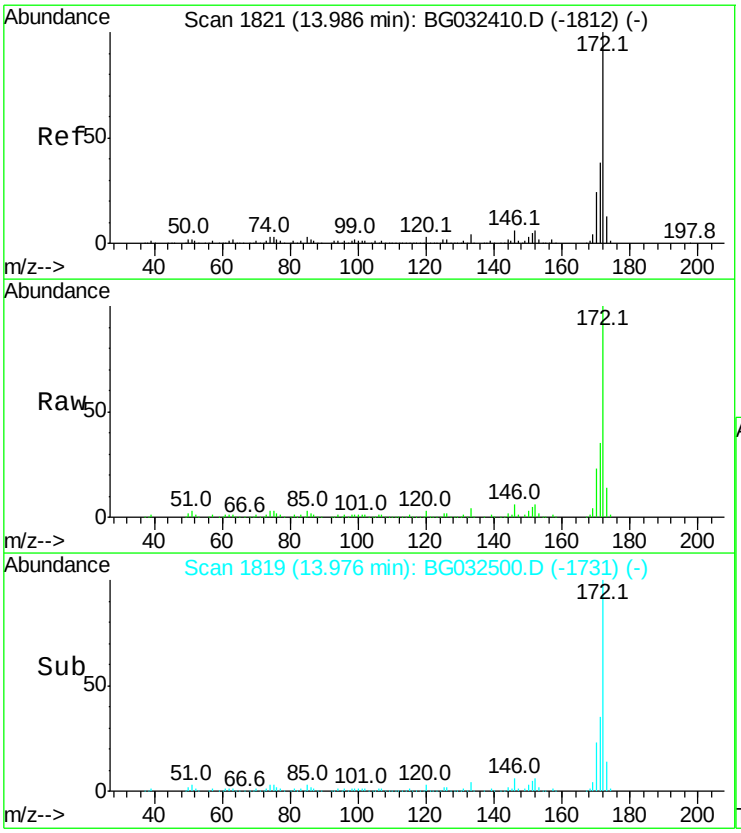
#41
2,4,6-Tribromophenol
Concen: 148.144 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 188334

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.7	25.2	37.8

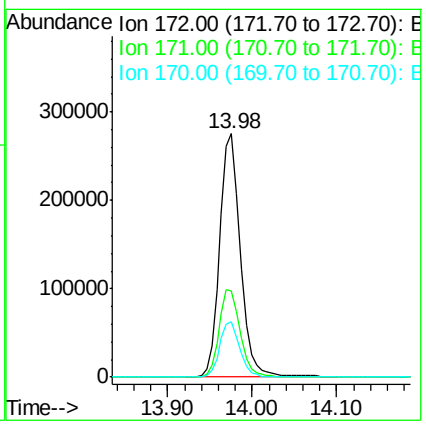


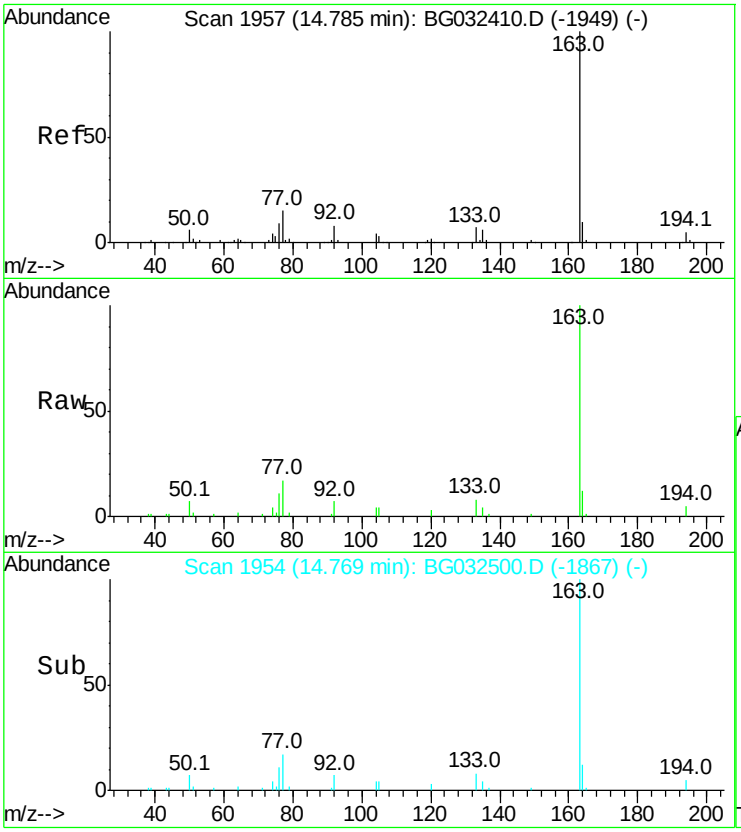


#44
2-Fluorobiphenyl
Concen: 83.559 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:172 Resp: 469528

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.0	19.5	29.3



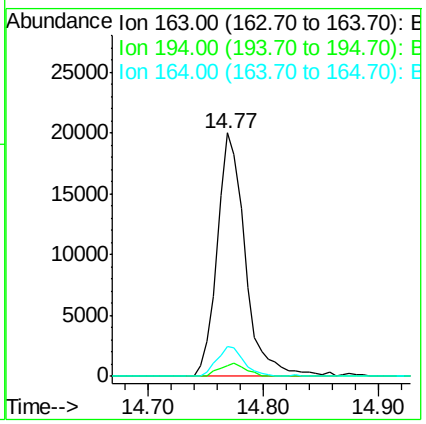


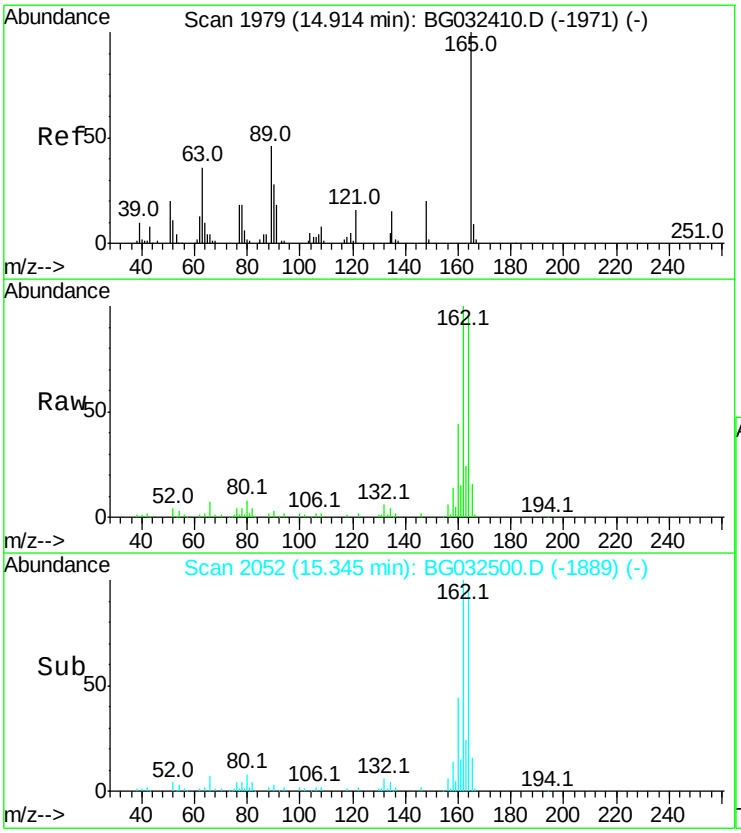
#49
Dimethylphthalate
Concen: 5.466 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 33663

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	12.3	8.2	12.4

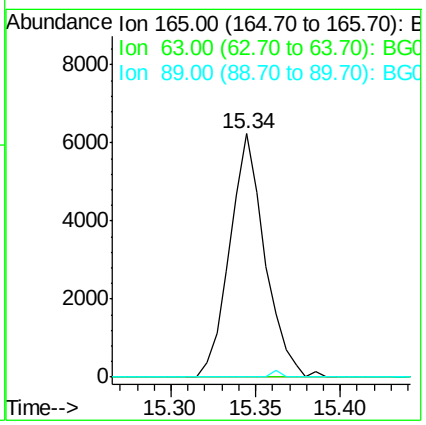


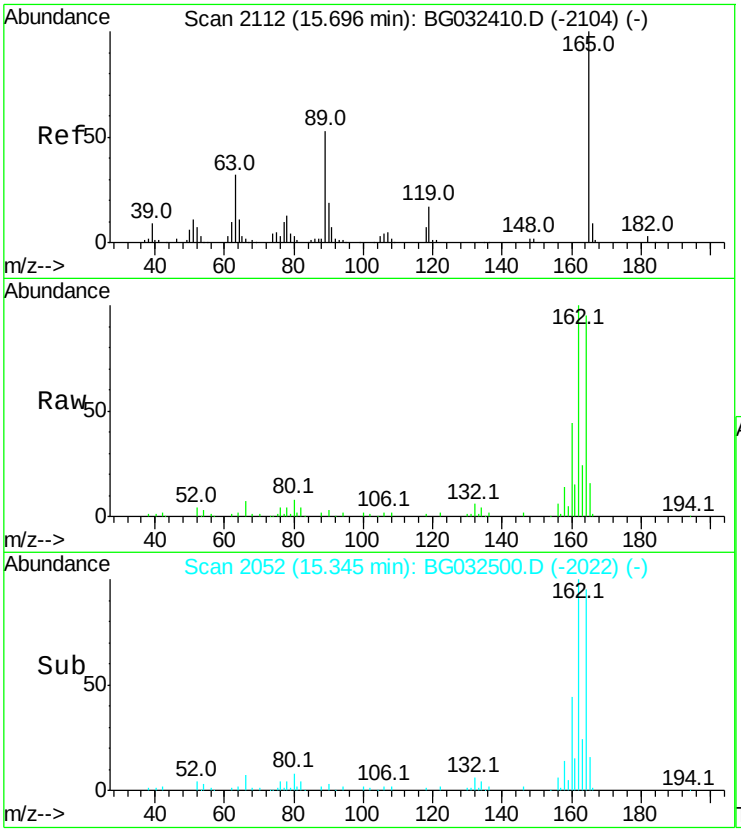


#50
2,6-Dinitrotoluene
Concen: 6.940 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:165 Resp: 8970

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



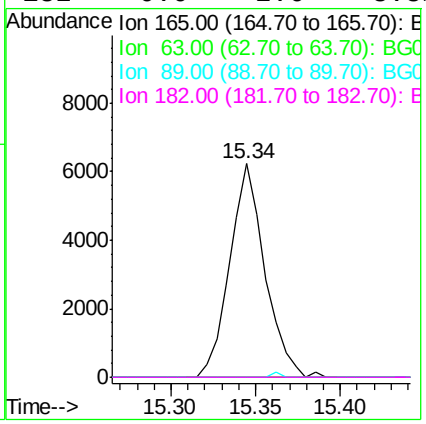


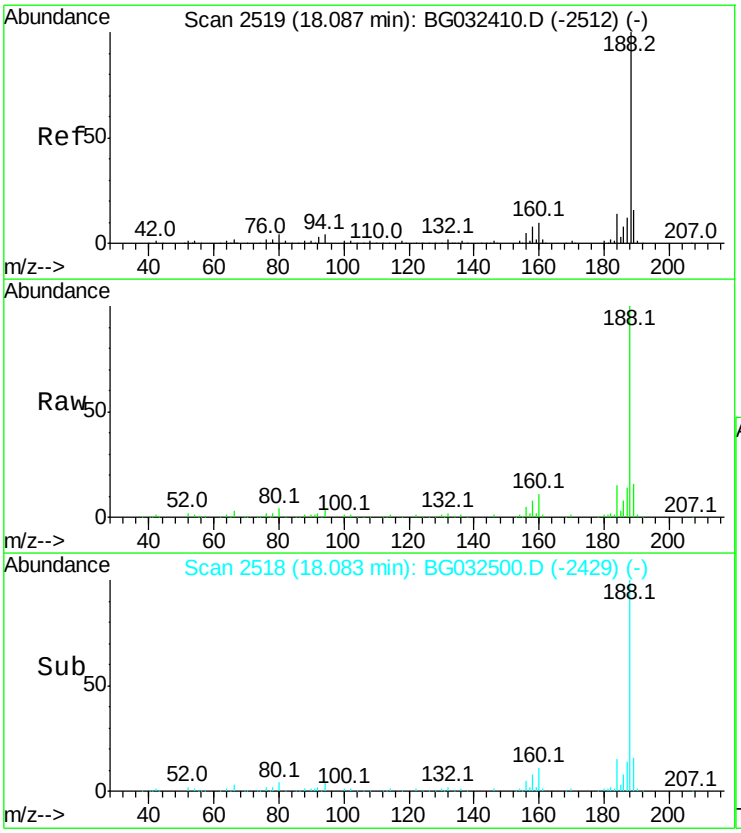
#56
2,4-Dinitrotoluene
Concen: 4.874 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8970

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#

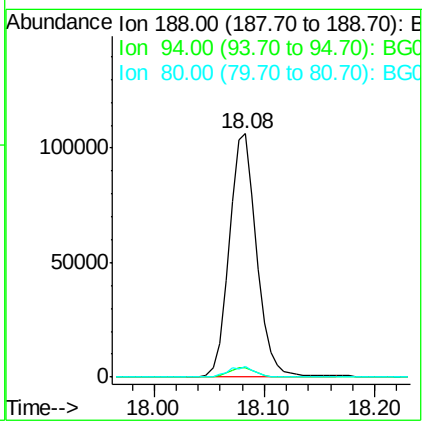


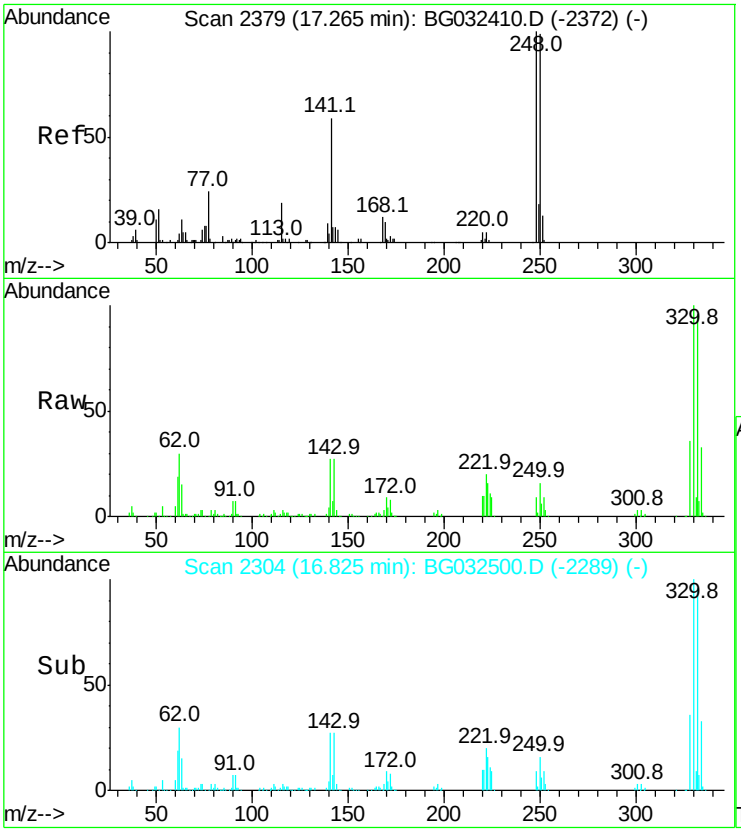


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:188 Resp: 185056

Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	4.5	7.7	11.5#



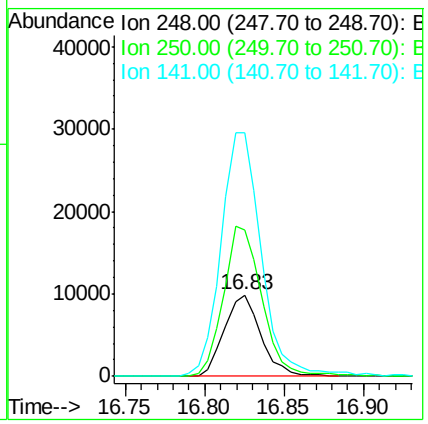


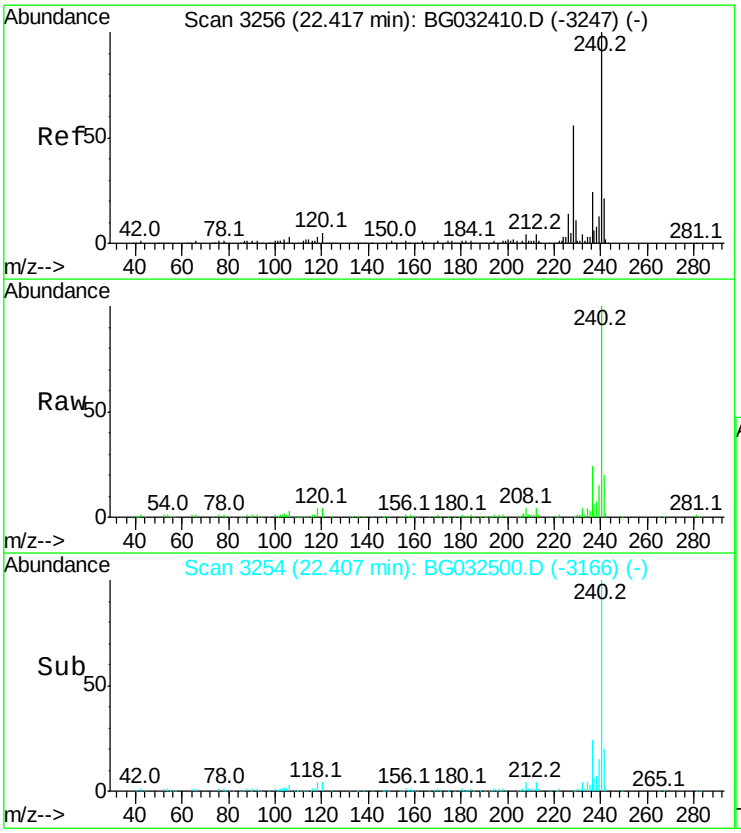
#66
4-Bromophenyl-phenylether
Concen: 5.777 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15839

Ion	Ratio	Lower	Upper
248	100		
250	180.5	77.1	115.7#
141	299.9	50.8	76.2#

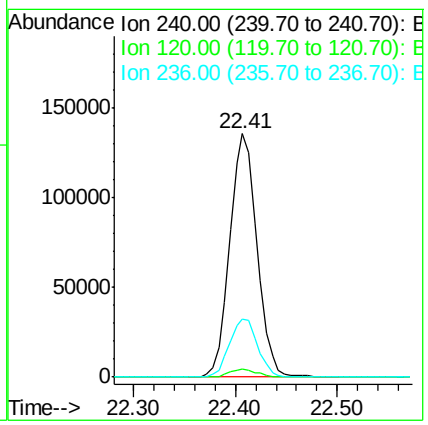


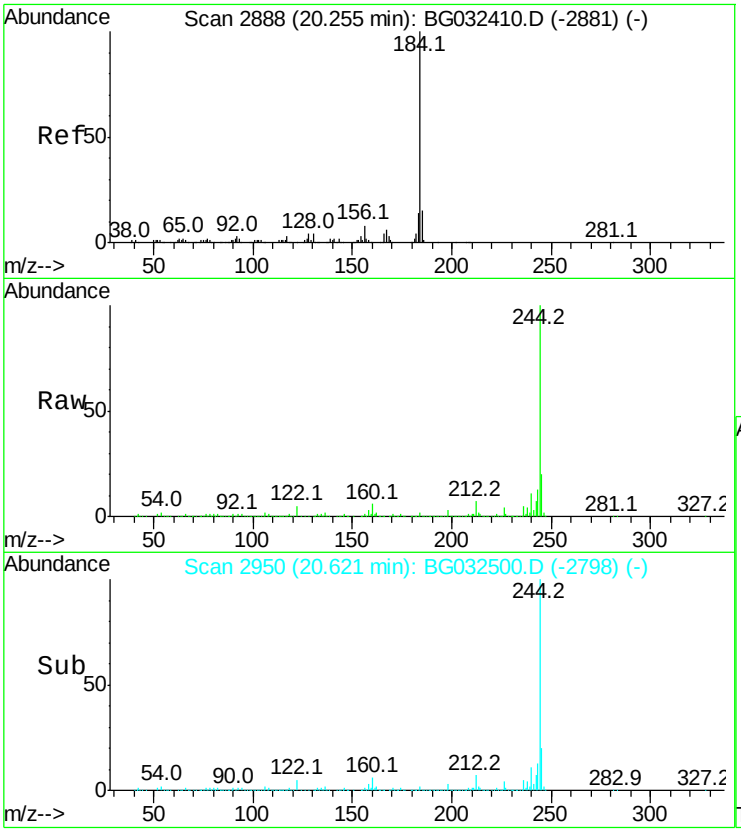


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:240 Resp: 251715

Ion	Ratio	Lower	Upper
240	100		
120	3.5	6.8	10.2#
236	23.9	20.9	31.3



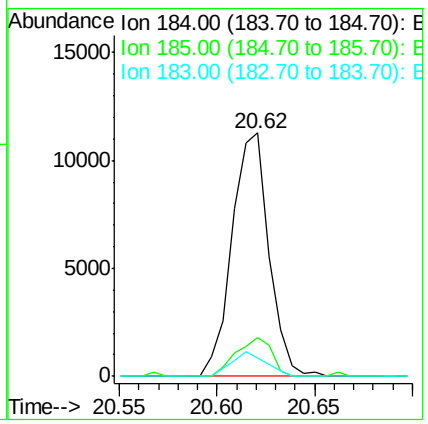


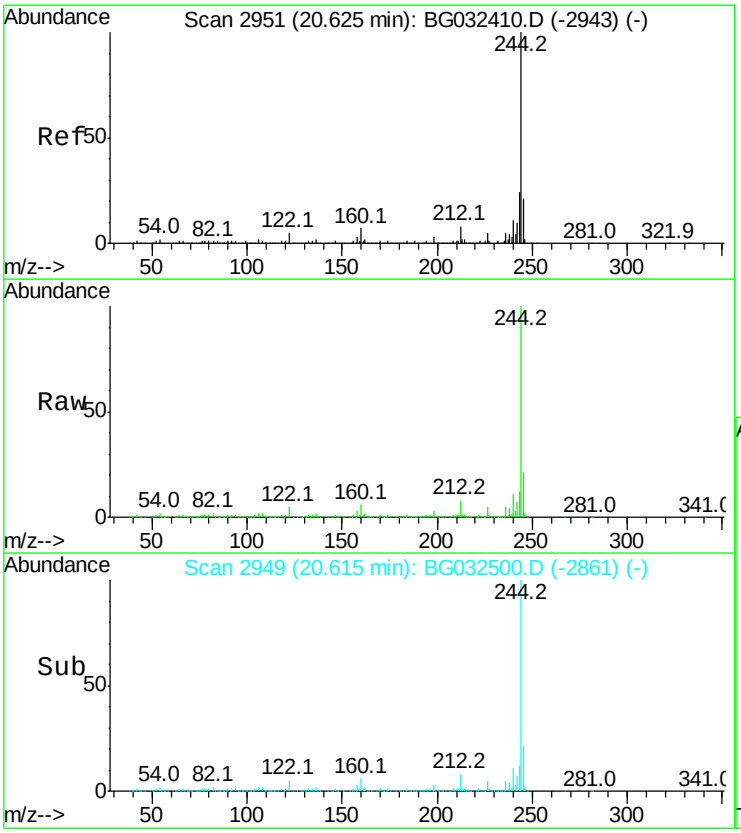
#76
Benzidine
Concen: 2.988 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.37 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 14769

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	7.7	10.6	16.0#

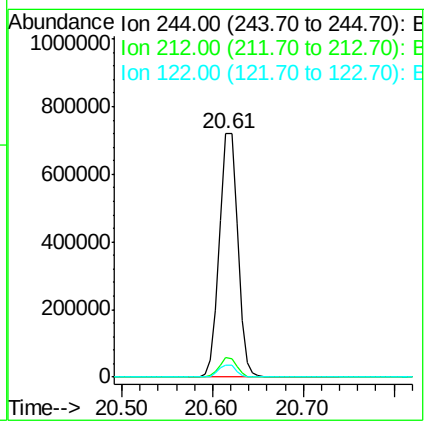


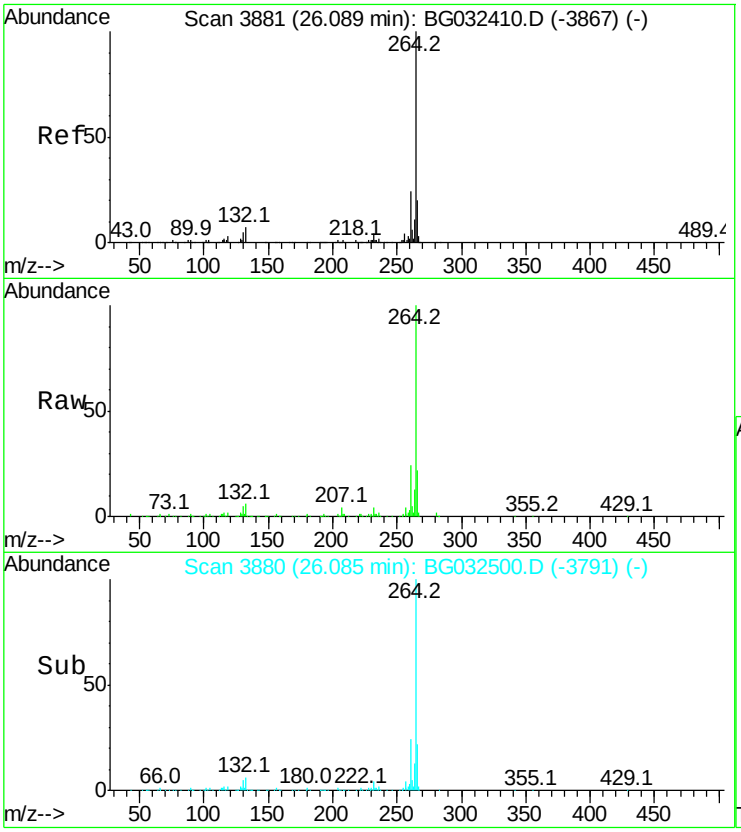


#78
Terphenyl-d14
Concen: 85.936 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Tgt Ion:244 Resp: 1009832

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032500.D
Acq: 1 Feb 2018 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 271060

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.2	17.7	26.5