Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122617\
Data File : BG031761.D
Acq On : 26 Dec 2017 14:44
Operator : SJ/JU
Sample : PB105312BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105312BL

Quant Time: Dec 26 16:03:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	44788	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	174511	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	120713	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	335758	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	418235	20.00	ng		-0.05
86) Perylene-d12	26.28	264	450128	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	317390	129.07	ng		-0.02
7) Phenol-d6	7.91	99	390575	122.34	ng		-0.02
23) Nitrobenzene-d5	10.00	82	198040	85.69	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	264429	143.56	ng		-0.03
44) 2-Fluorobiphenyl	14.07	172	786379	81.77	ng		-0.03
78) Terphenyl-d14	20.70	244	1602550	87.54	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	7240	3.766	ng		89
19) n-Nitroso-di-n-propylamine	10.00	70	26226	12.028	ng	#	70
50) 2,6-Dinitrotoluene	15.44	165	15756	8.054	ng	#	18
56) 2,4-Dinitrotoluene	15.44	165	15756	6.263	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.91	198	429	8.523	ng	#	58
66) 4-Bromophenyl-phenylether	16.91	248	20127	4.145	ng	#	1

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

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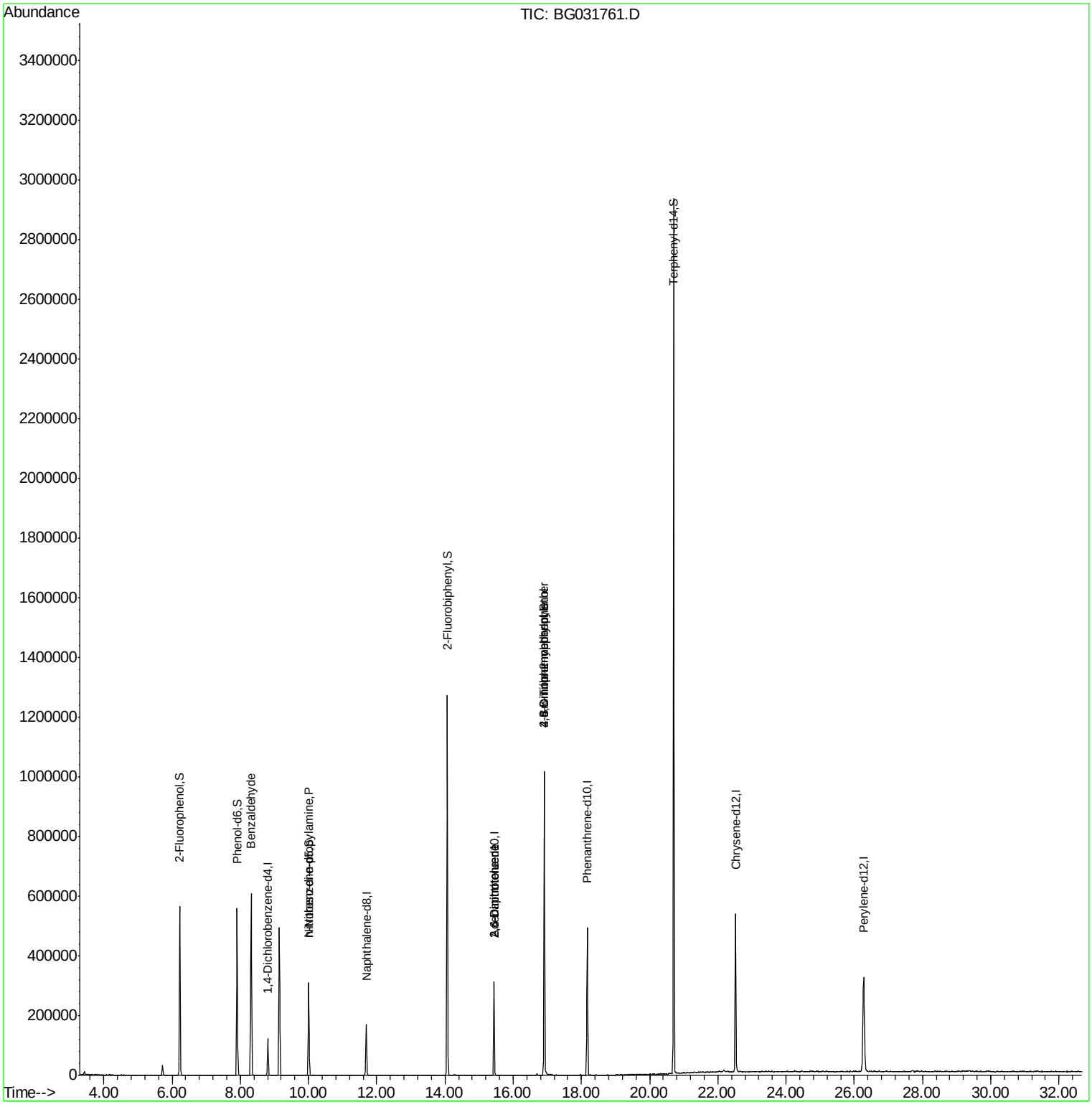
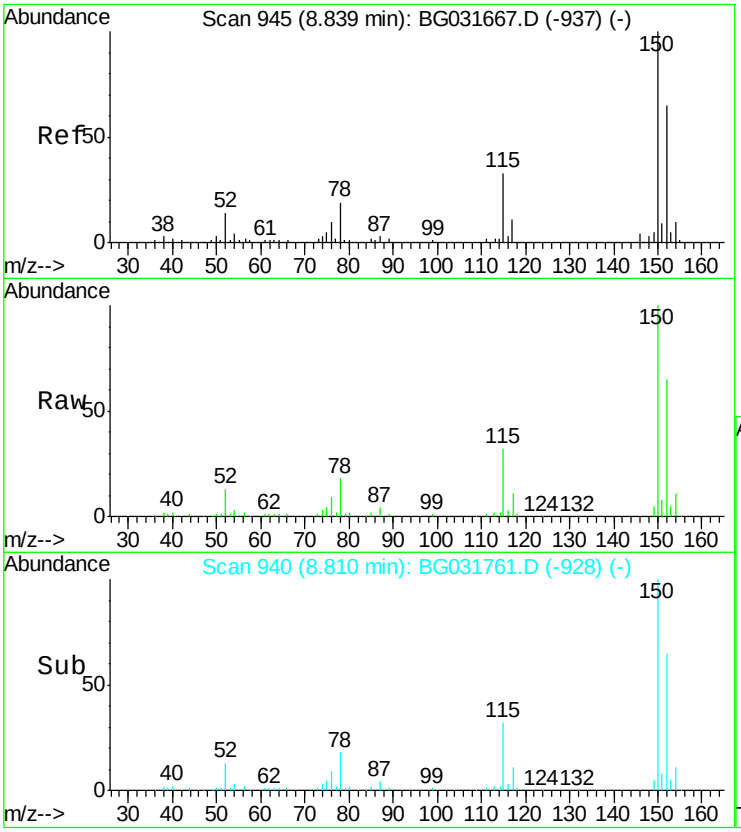


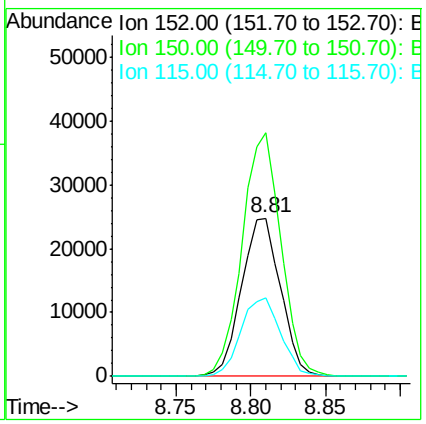


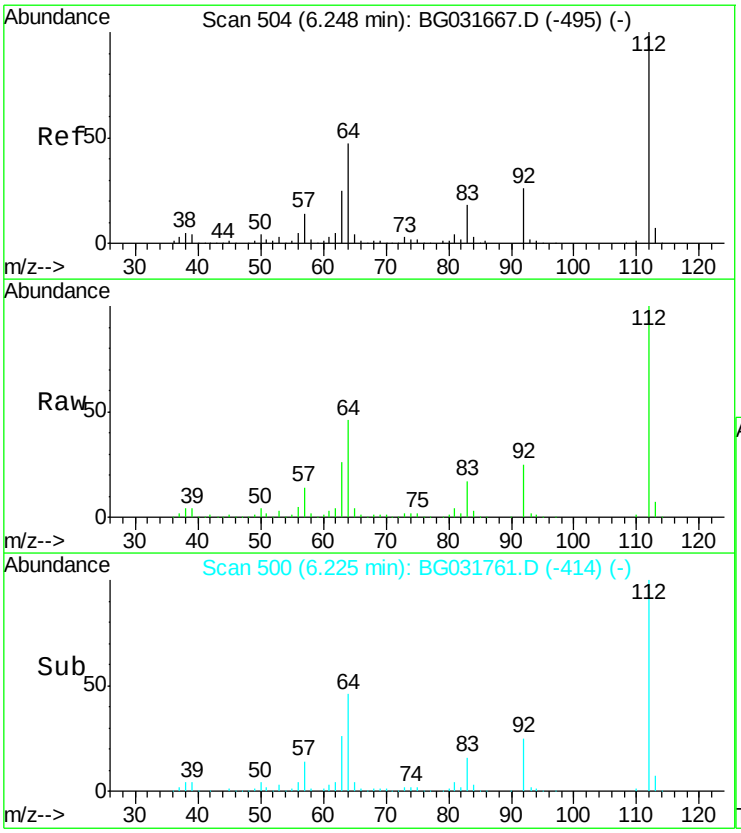
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.03 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:152 Resp: 44788

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	50.0	53.0	79.4#

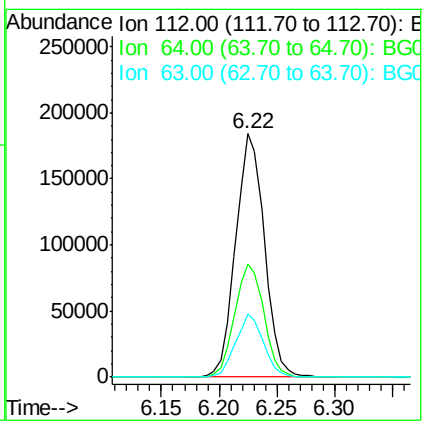


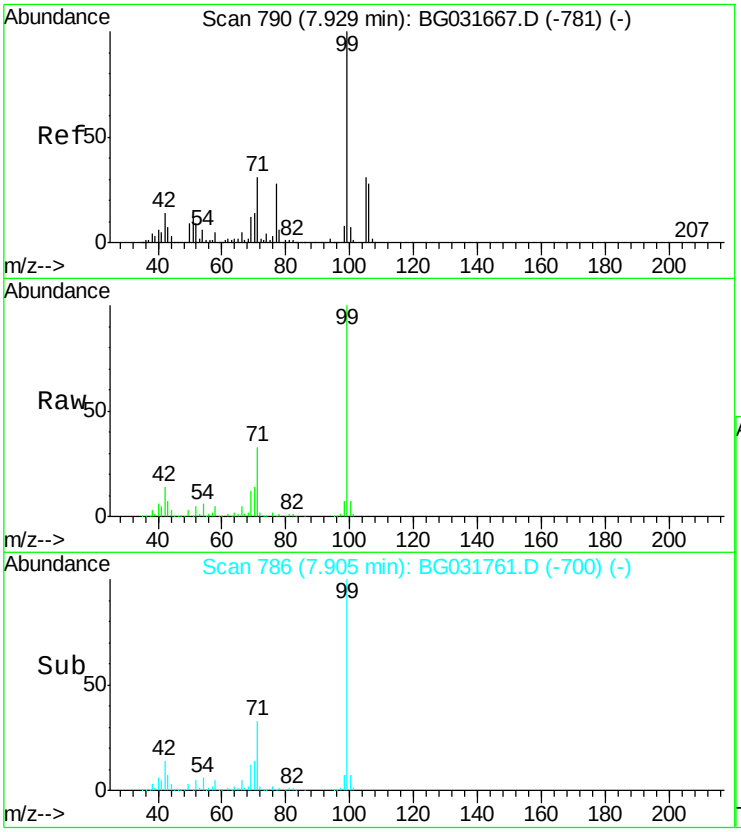


#5
2-Fluorophenol
Concen: 129.072 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:112 Resp: 317390

Ion	Ratio	Lower	Upper
112	100		
64	46.5	56.3	84.5#
63	25.9	30.1	45.1#



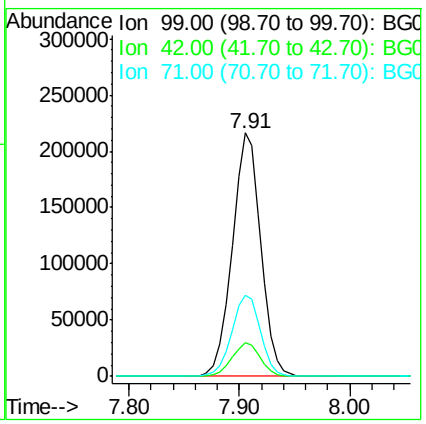


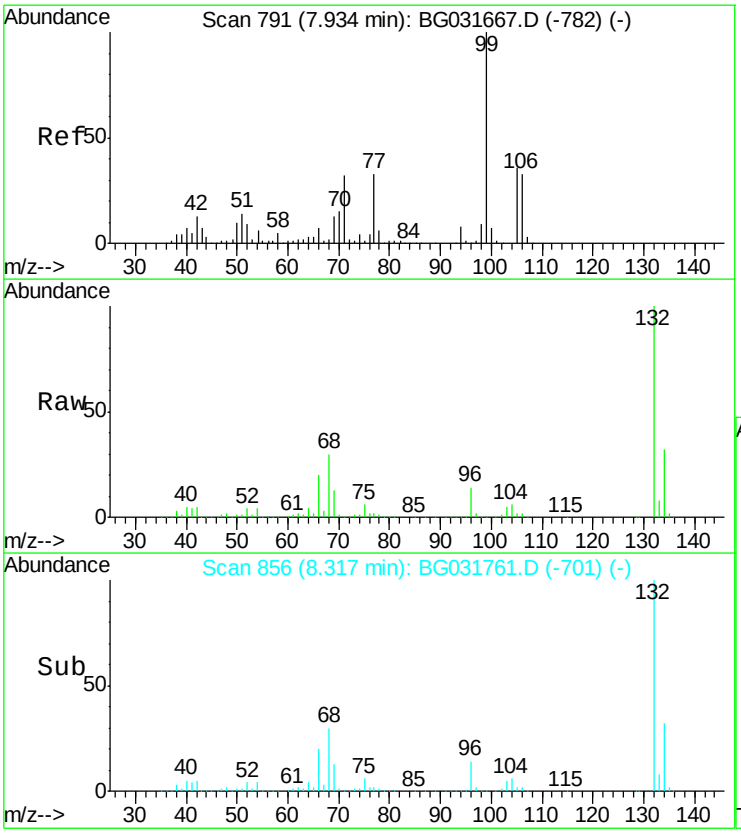
#7
Phenol-d6
Concen: 122.337 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion: 99 Resp: 390575

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	33.3	26.1	39.1

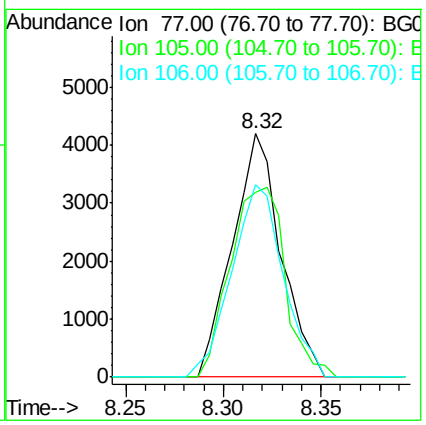


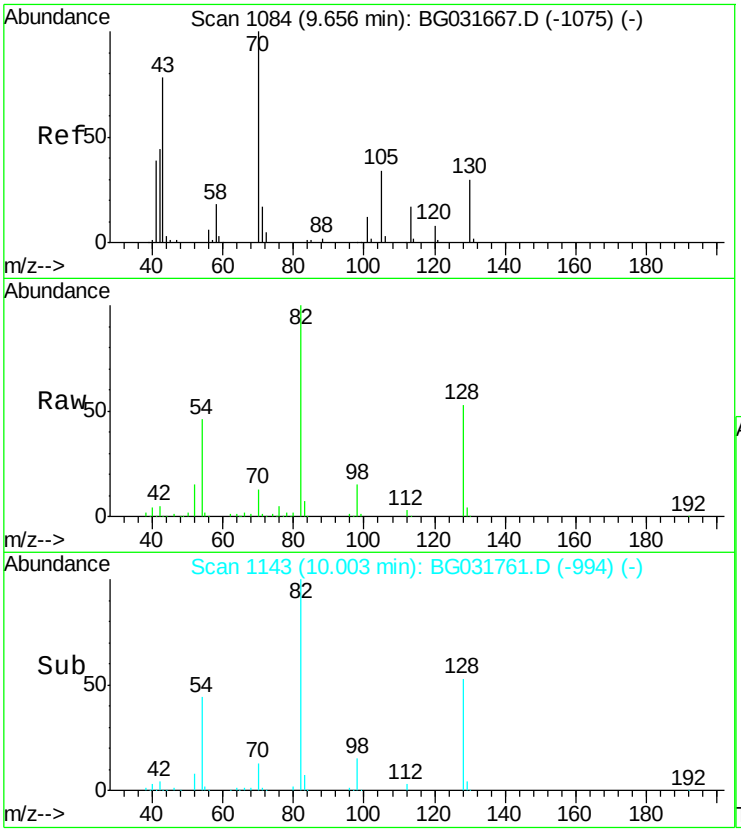


#9
Benzaldehyde
Concen: 3.766 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion: 77 Resp: 7240

Ion	Ratio	Lower	Upper
77	100		
105	75.7	71.3	111.3
106	79.0	64.2	104.2



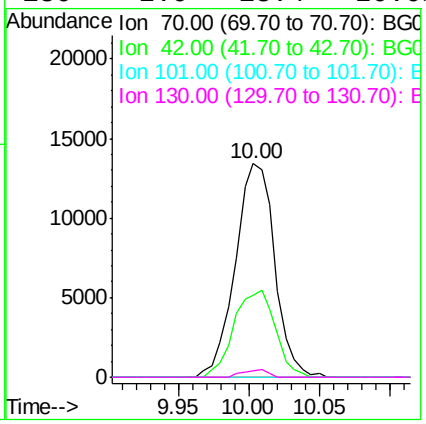


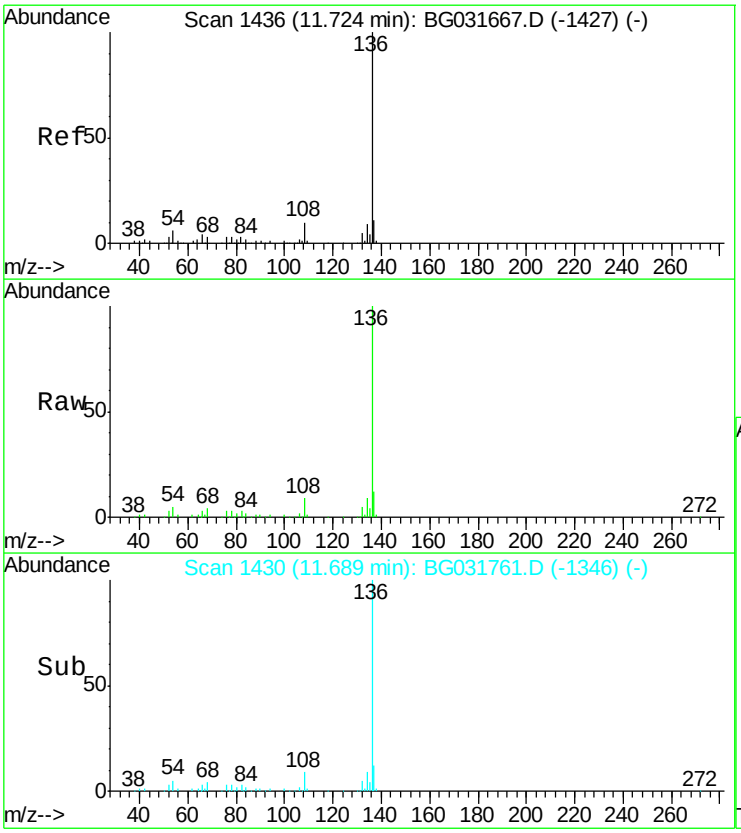
#19
n-Nitroso-di-n-propylamine
Concen: 12.028 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion: 70 Resp: 26226

Ion	Ratio	Lower	Upper
70	100		
42	38.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#

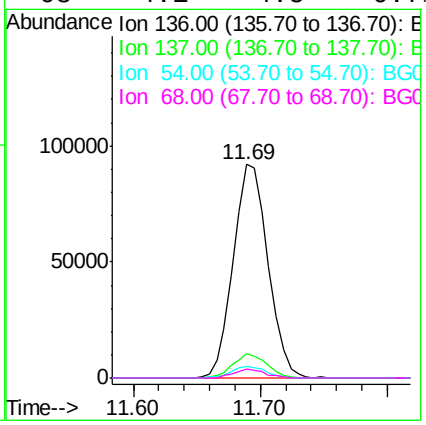


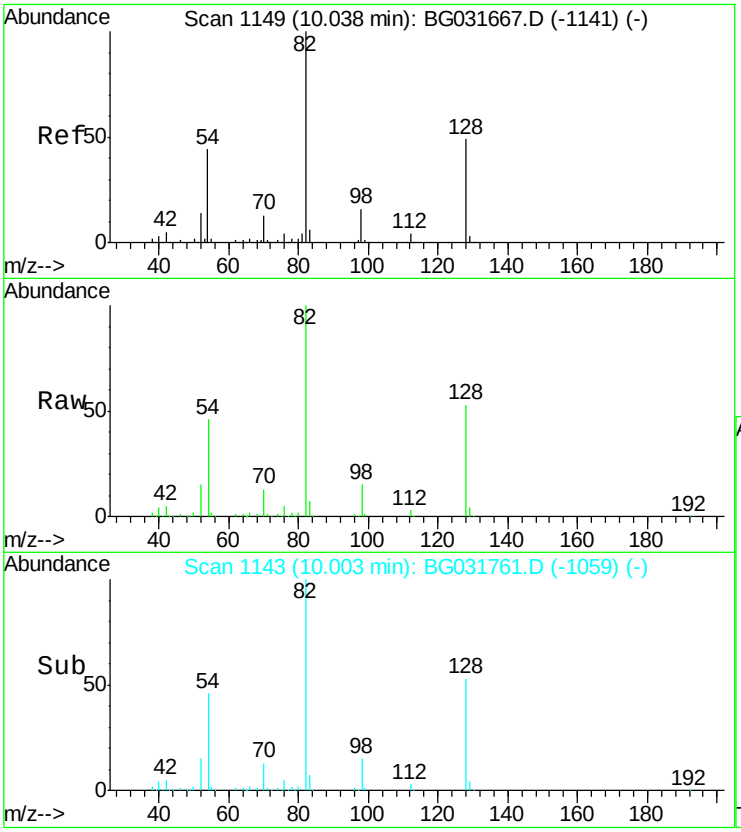


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:136 Resp: 174511

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.4	10.3	15.5#
68	4.1	4.5	6.7#



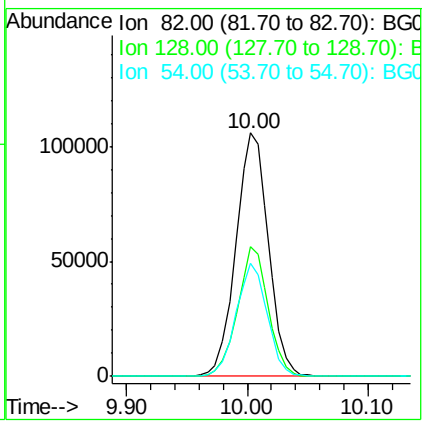


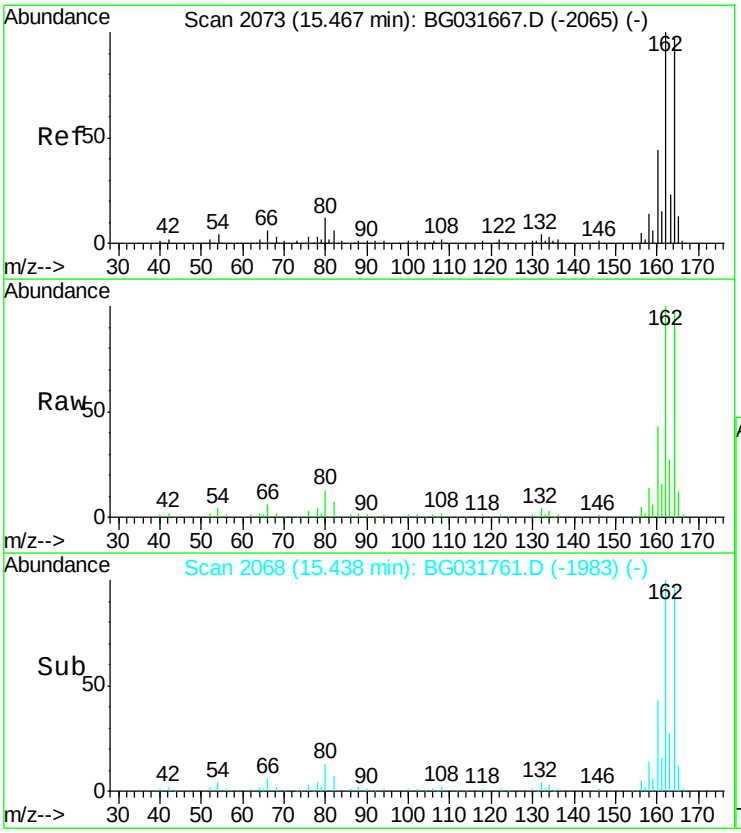
#23
Nitrobenzene-d5
Concen: 85.693 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion: 82 Resp: 198040

Ion	Ratio	Lower	Upper
82	100		
128	53.1	29.7	44.5#
54	46.3	43.1	64.7

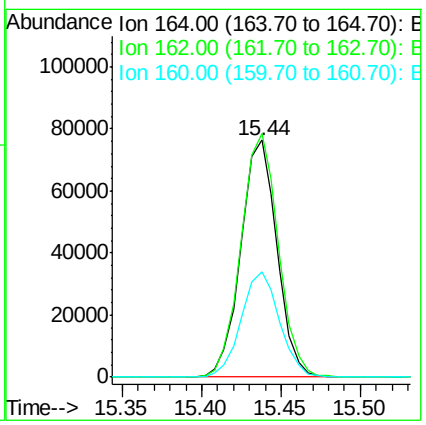


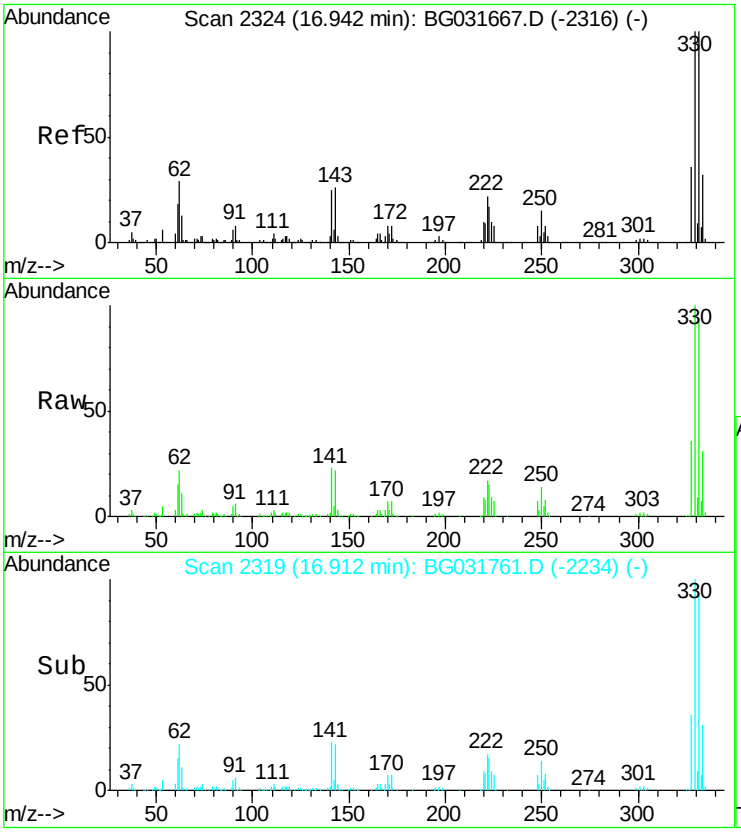


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:164 Resp: 120713

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	44.8	35.4	53.0



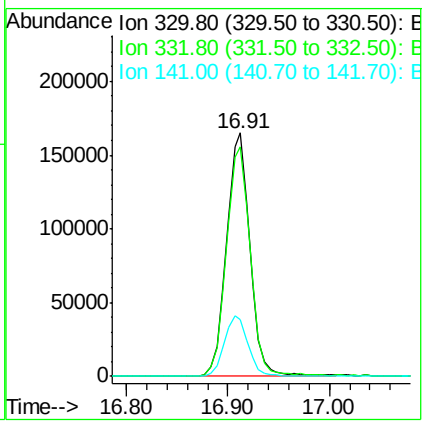


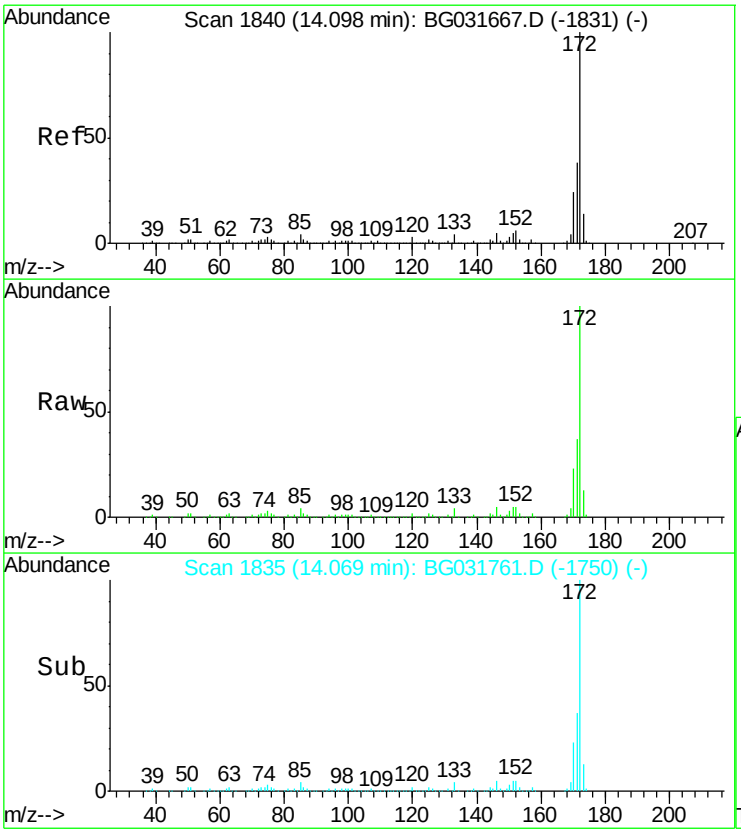
#41
2,4,6-Tribromophenol
Concen: 143.562 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:330 Resp: 264429

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	25.1	25.2	37.8#

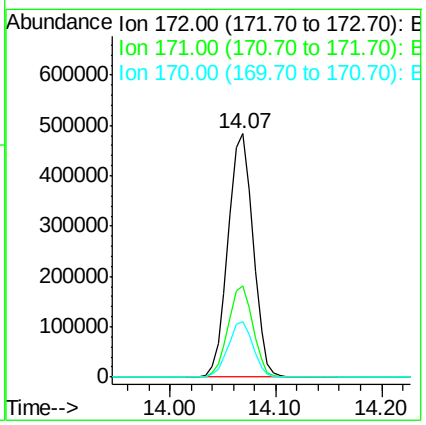


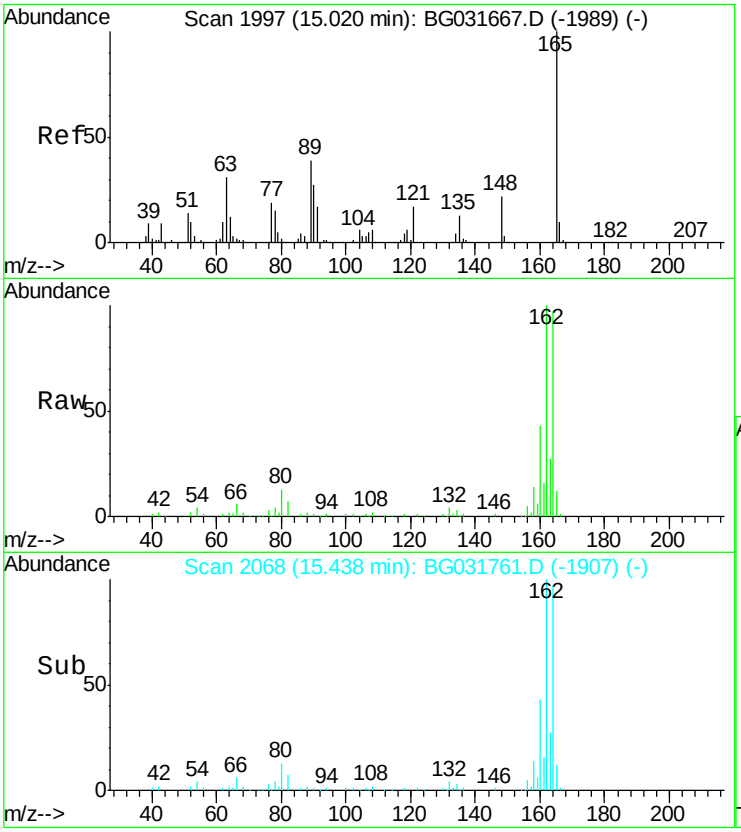


#44
2-Fluorobiphenyl
Concen: 81.765 ng
RT: 14.07 min Scan# 1835
Delta R.T. -0.03 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:172 Resp: 786379

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	22.8	19.5	29.3



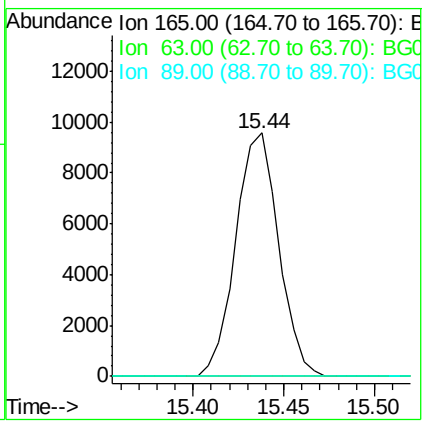


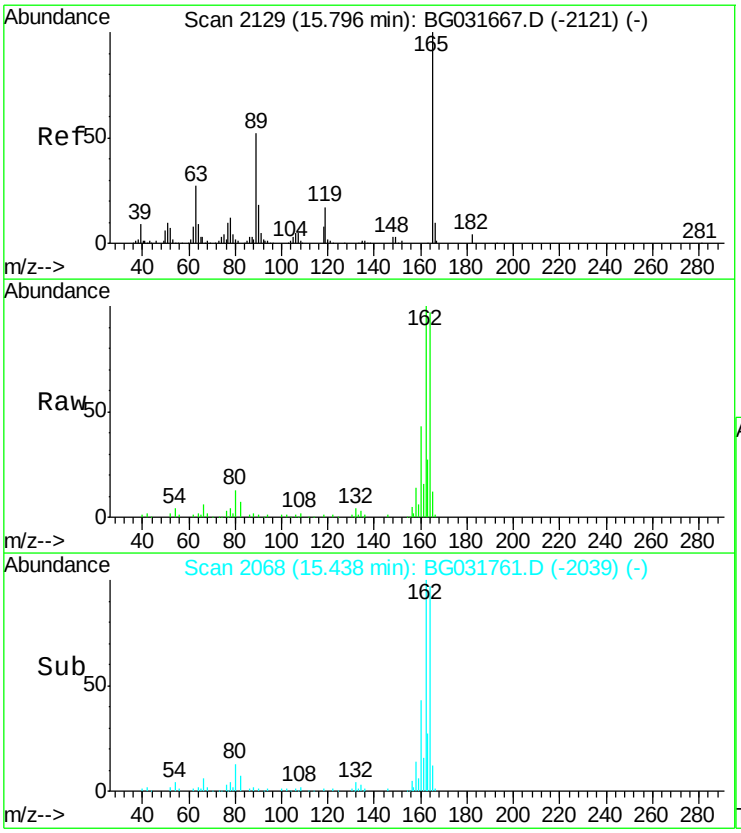
#50
2,6-Dinitrotoluene
Concen: 8.054 ng
RT: 15.44 min Scan# 2068
Delta R.T. 0.42 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:165 Resp: 15756

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

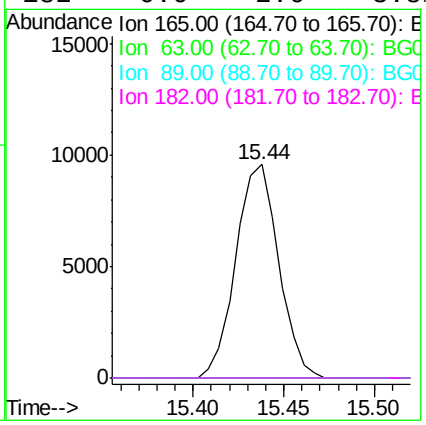


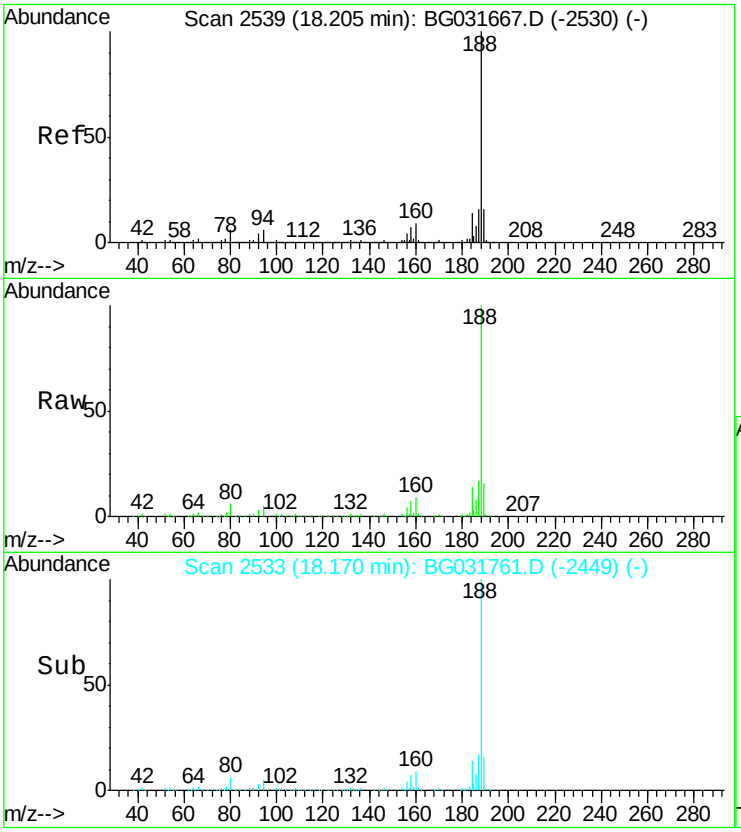


#56
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.36 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:165 Resp: 15756

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#



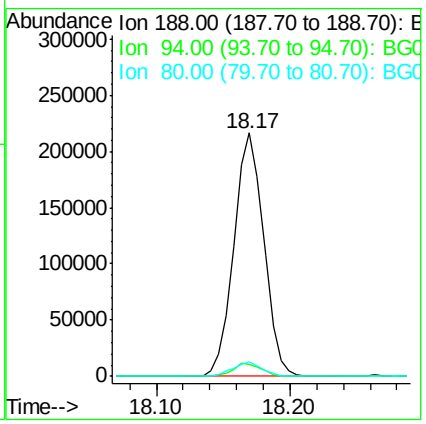


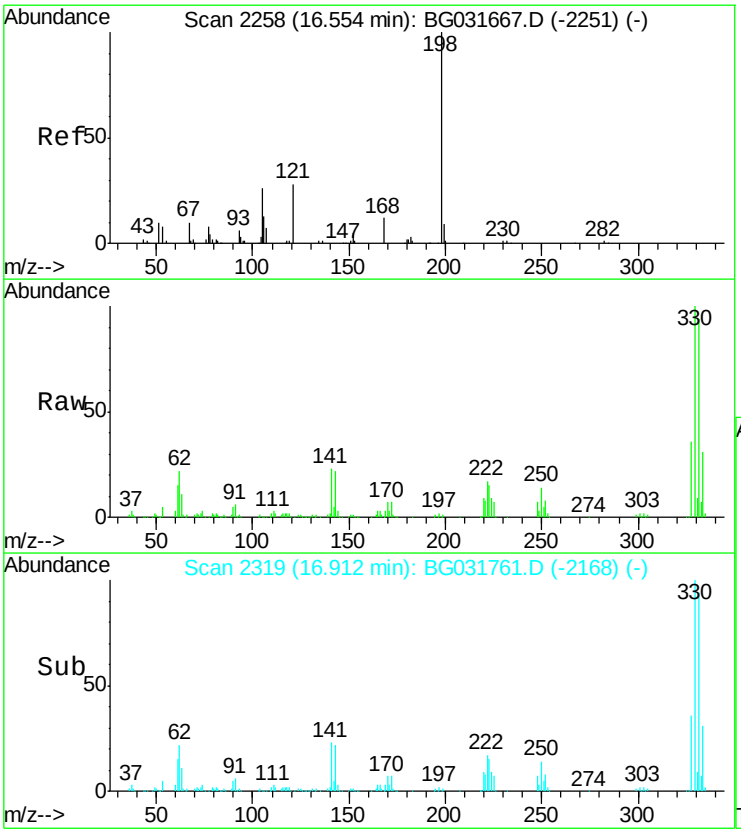
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:188 Resp: 335758

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.8	7.7	11.5#

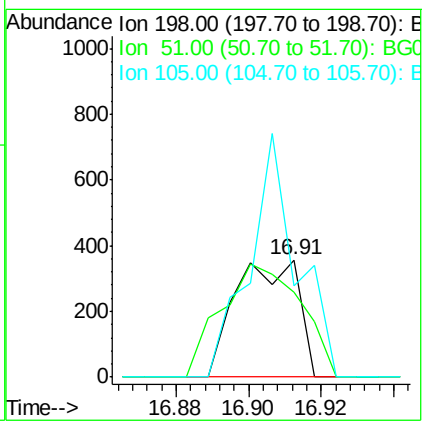


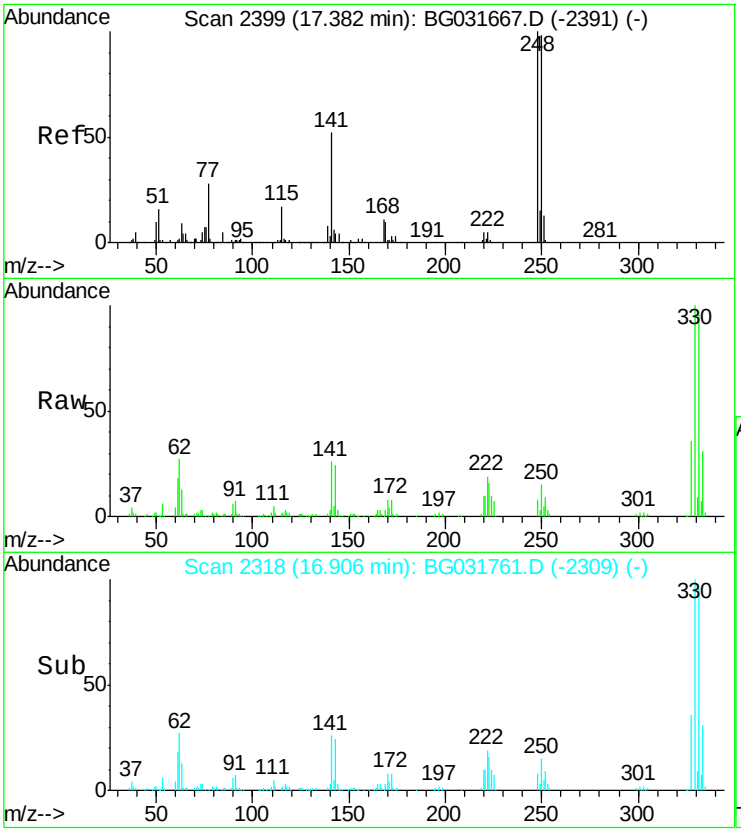


#64
4,6-Dinitro-2-methylphenol
Concen: 8.523 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.36 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
51	73.0	30.6	70.6#
105	77.8	23.8	63.8#



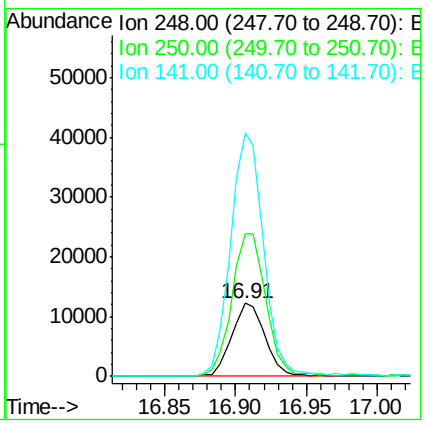


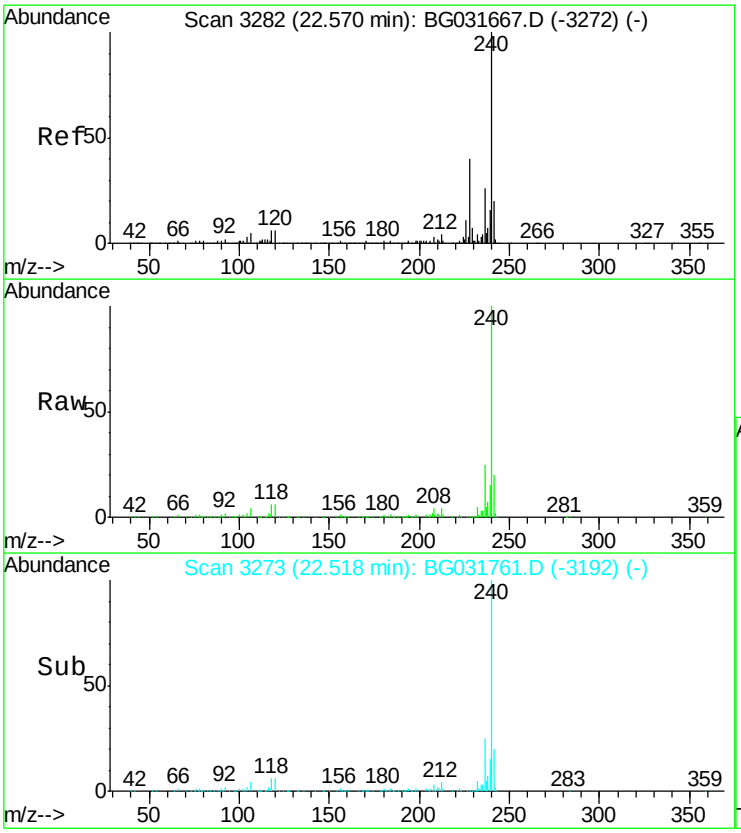
#66
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:248 Resp: 20127

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	332.7	50.8	76.2#

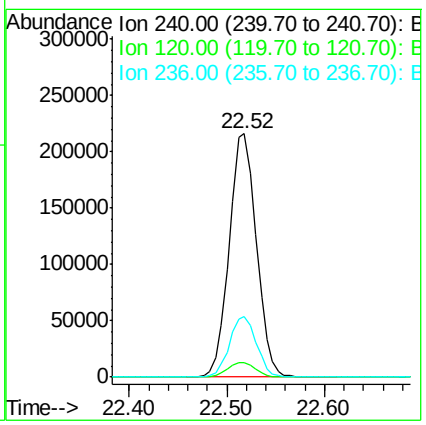


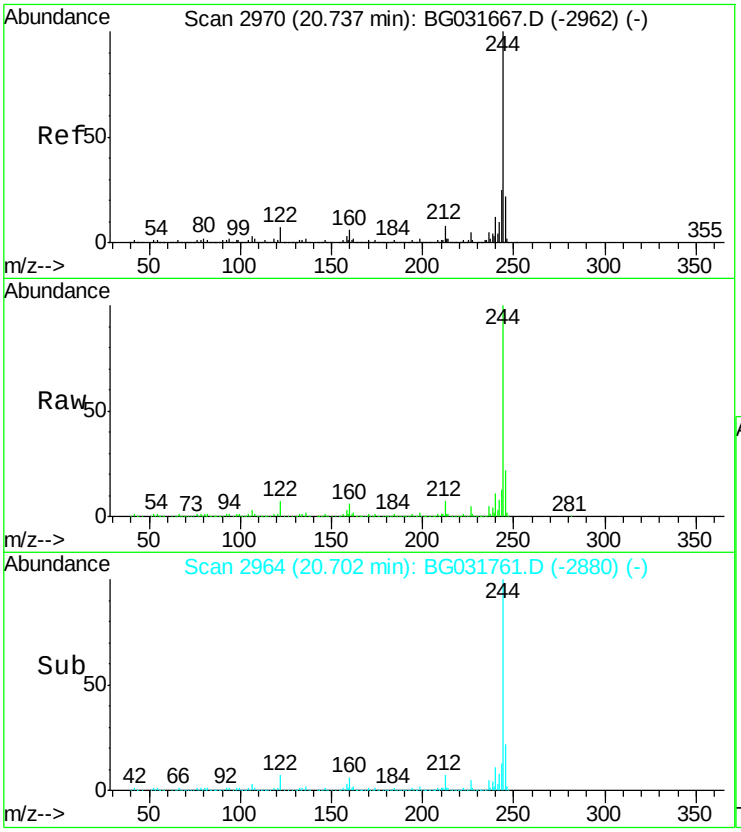


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.05 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:240 Resp: 418235

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.0	20.9	31.3



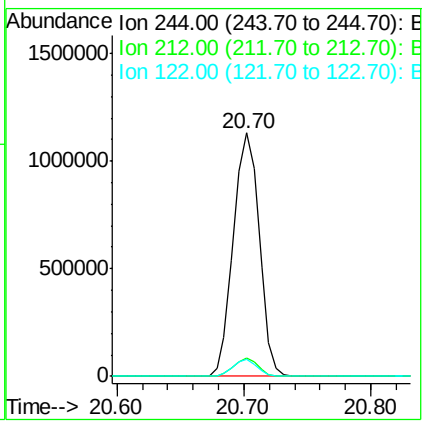


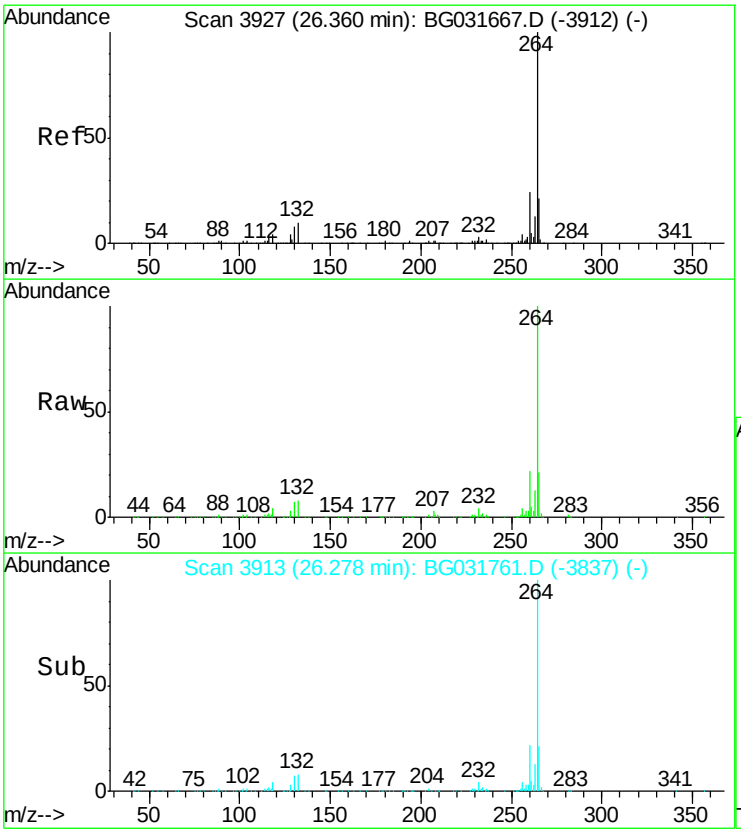
#78
Terphenyl-d14
Concen: 87.541 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.04 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Instrument :
BNA_G
ClientSampleId :
PB105312BL

Tgt Ion:244 Resp: 1602550

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.28 min Scan# 3913
Delta R.T. -0.08 min
Lab File: BG031761.D
Acq: 26 Dec 2017 14:44

Tgt Ion:264 Resp: 450128

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.0	17.7	26.5