Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031818.D
Acq On : 28 Dec 2017 5:18
Operator : SJ/JU
Sample : I7010-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 28 07:23:53 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	8.80	152	55300	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	227964	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	156060	20.00	ng		-0.04
63) Phenanthrene-d10	18.16	188	403382	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	476222	20.00	ng		-0.06
86) Perylene-d12	26.26	264	502309	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	105861	34.87	ng		-0.02
7) Phenol-d6	7.90	99	80415	20.40	ng		-0.03
23) Nitrobenzene-d5	10.00	82	286598	94.93	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	243757	102.36	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	1064466	85.61	ng		-0.04
78) Terphenyl-d14	20.70	244	1737535	83.36	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	5041	2.124	ng		87
19) n-Nitroso-di-n-propylamine	10.00	70	37417	13.899	ng	#	70
50) 2,6-Dinitrotoluene	15.43	165	20275	8.017	ng	#	18
56) 2,4-Dinitrotoluene	15.43	165	20275	6.234	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.90	198	540	8.533	ng	#	1
66) 4-Bromophenyl-phenylether	16.91	248	19459	3.336	ng	#	1

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

Quantitation Report (Not Reviewed)

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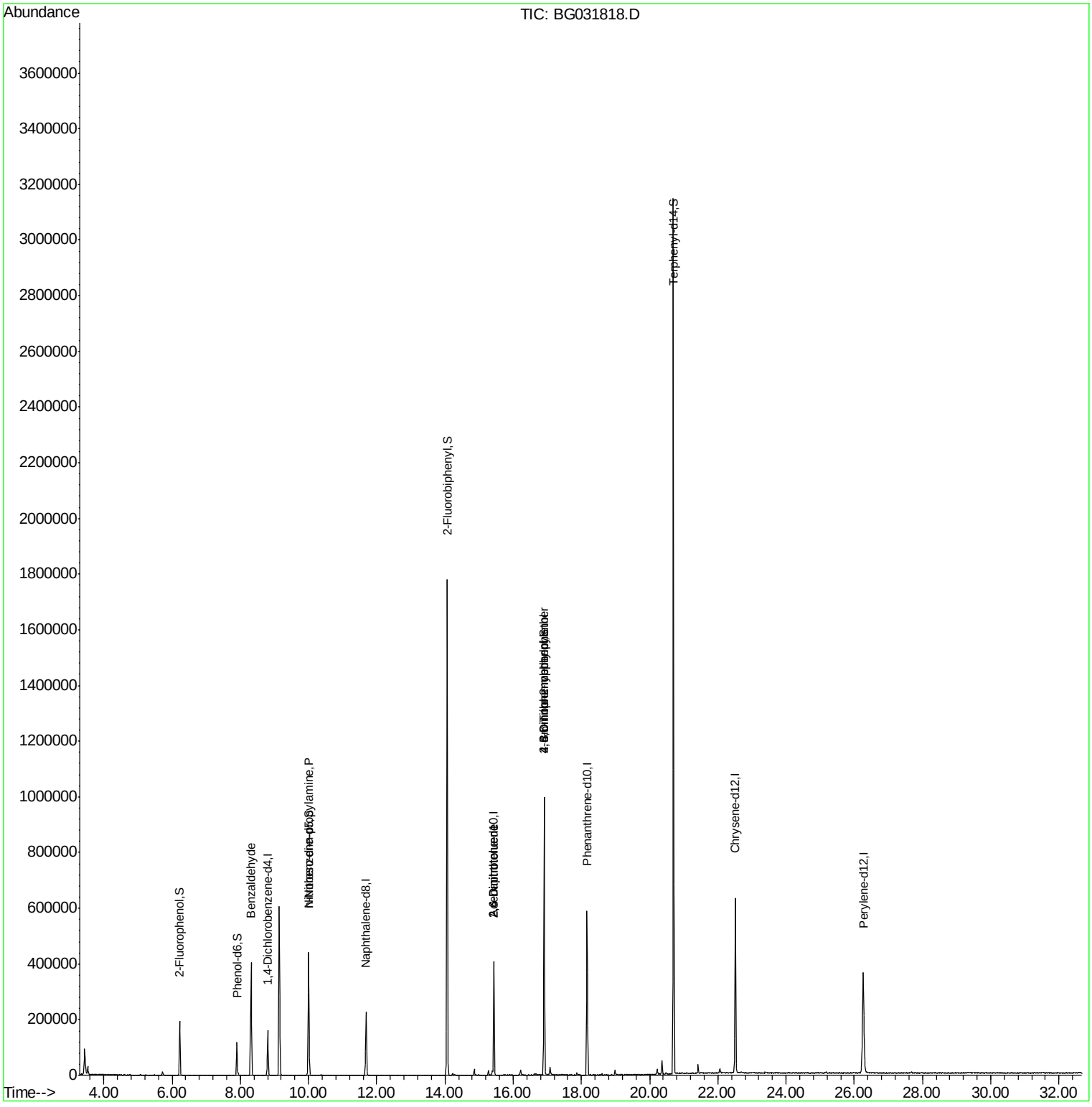
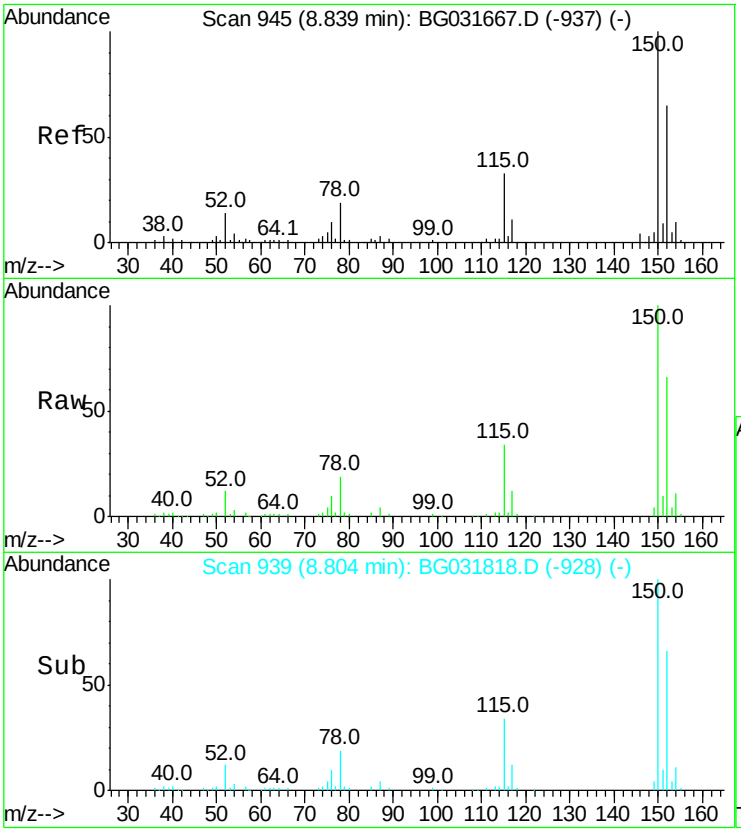


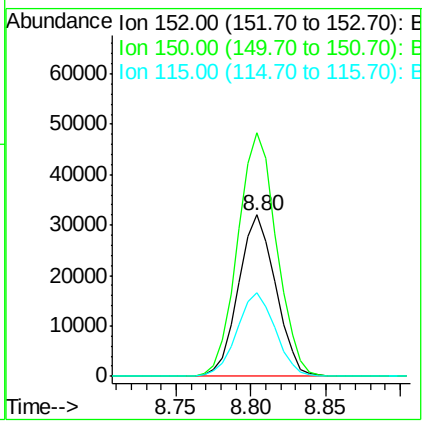


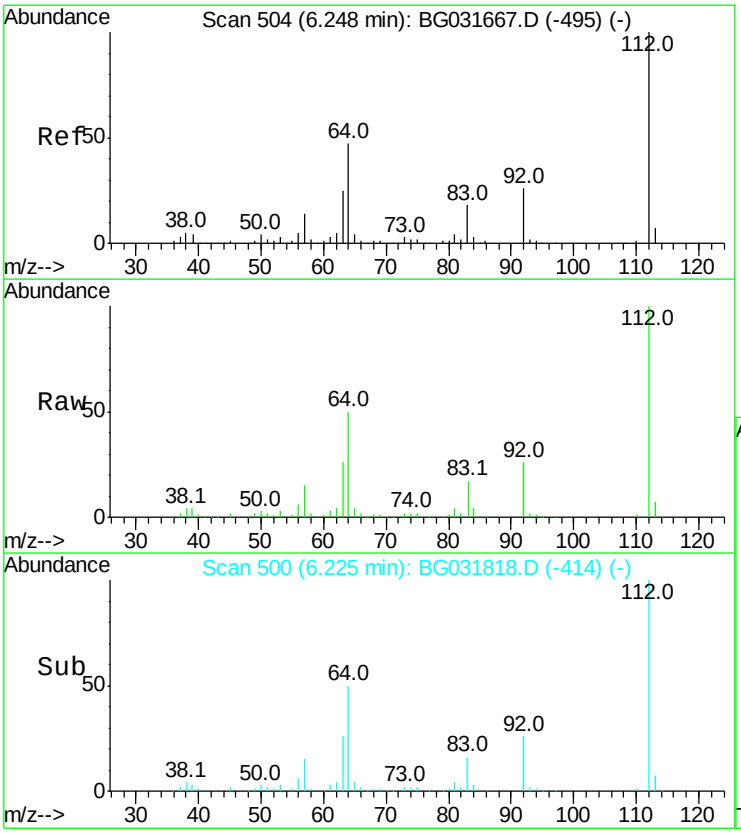
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55300

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	51.7	53.0	79.4#

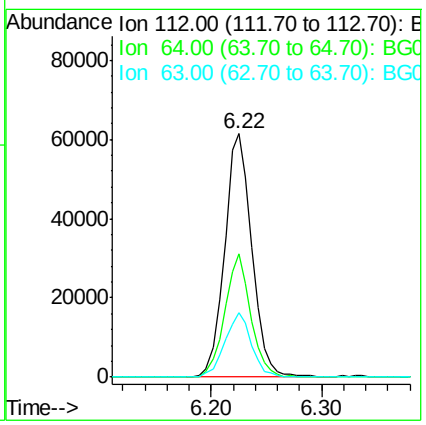


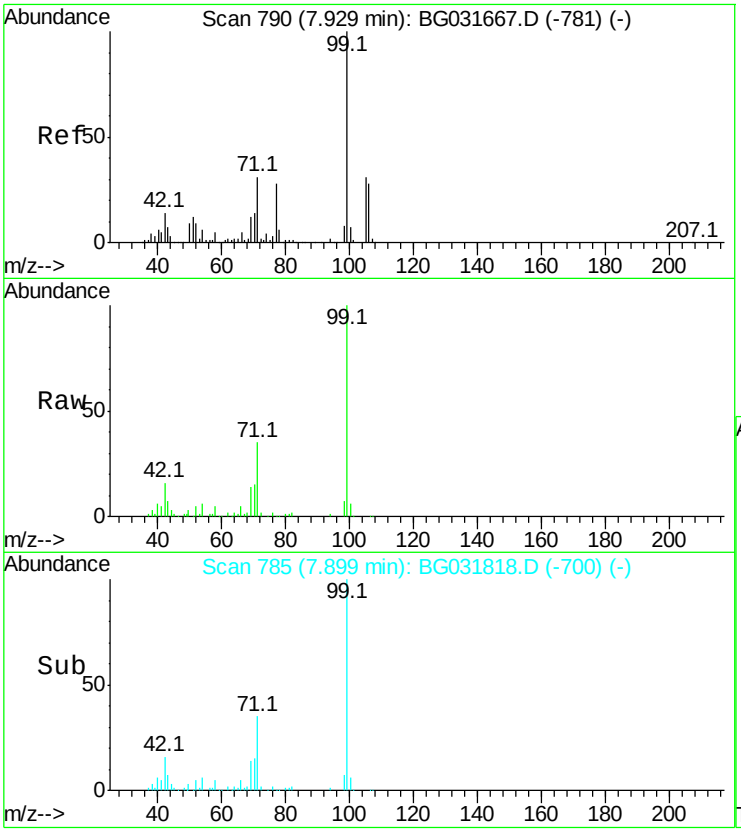


#5
2-Fluorophenol
Concen: 34.867 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:112 Resp: 105861

Ion	Ratio	Lower	Upper
112	100		
64	50.4	56.3	84.5#
63	26.5	30.1	45.1#



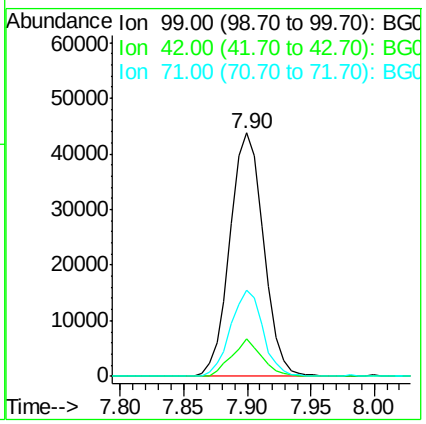


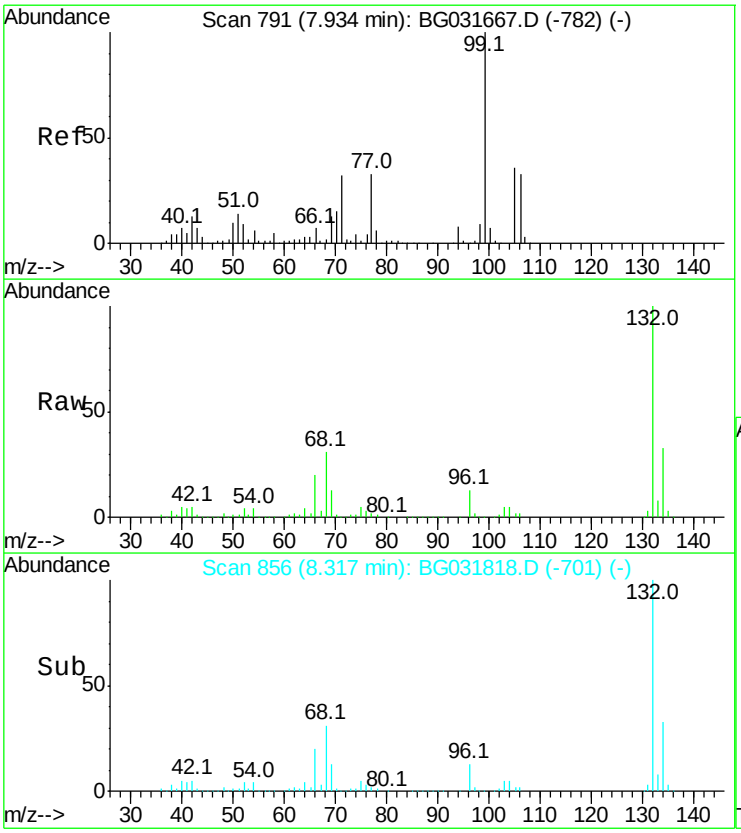
#7
Phenol-d6
Concen: 20.400 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 80415

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	35.4	26.1	39.1

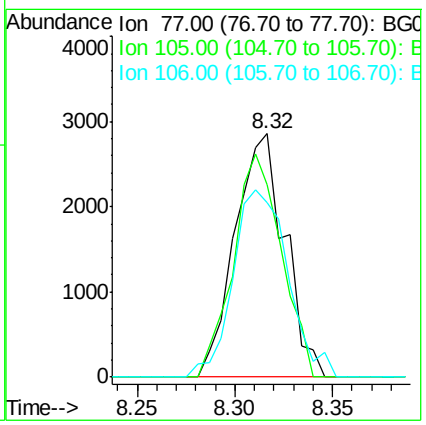


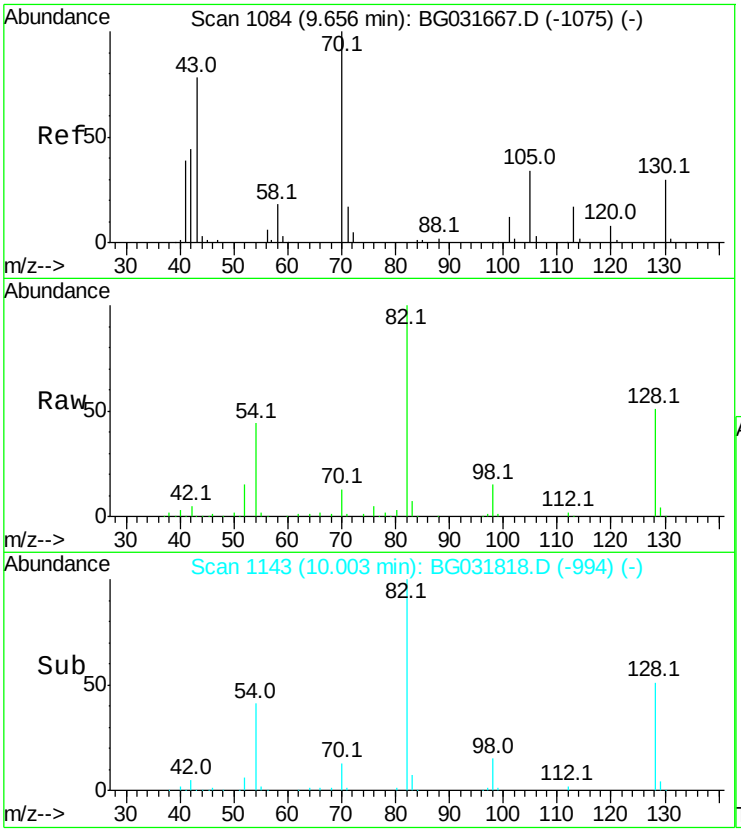


#9
Benzaldehyde
Concen: 2.124 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion: 77 Resp: 5041

Ion	Ratio	Lower	Upper
77	100		
105	79.0	71.3	111.3
106	71.7	64.2	104.2



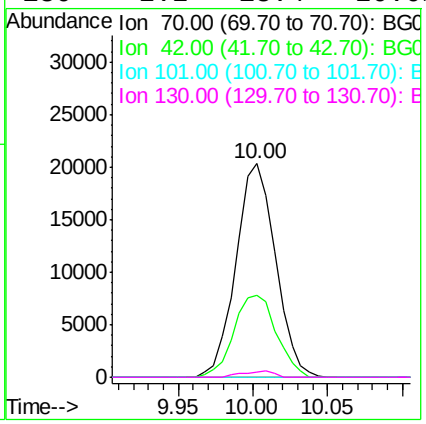


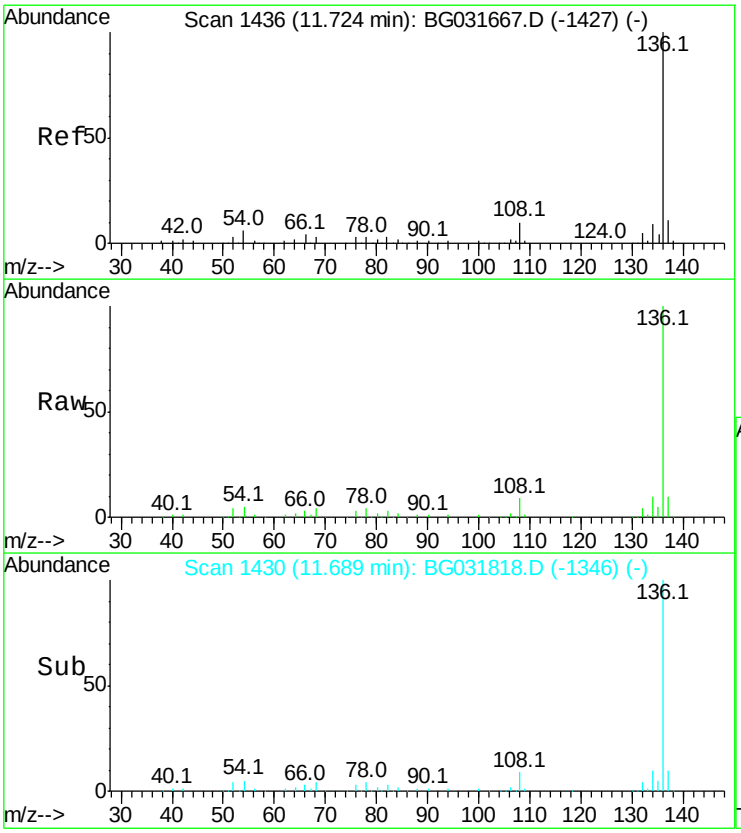
#19
n-Nitroso-di-n-propylamine
Concen: 13.899 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37417

Ion	Ratio	Lower	Upper
70	100		
42	38.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

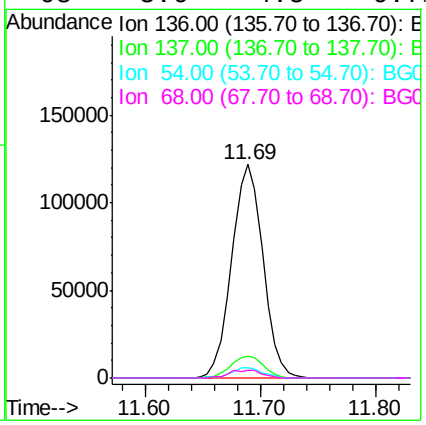


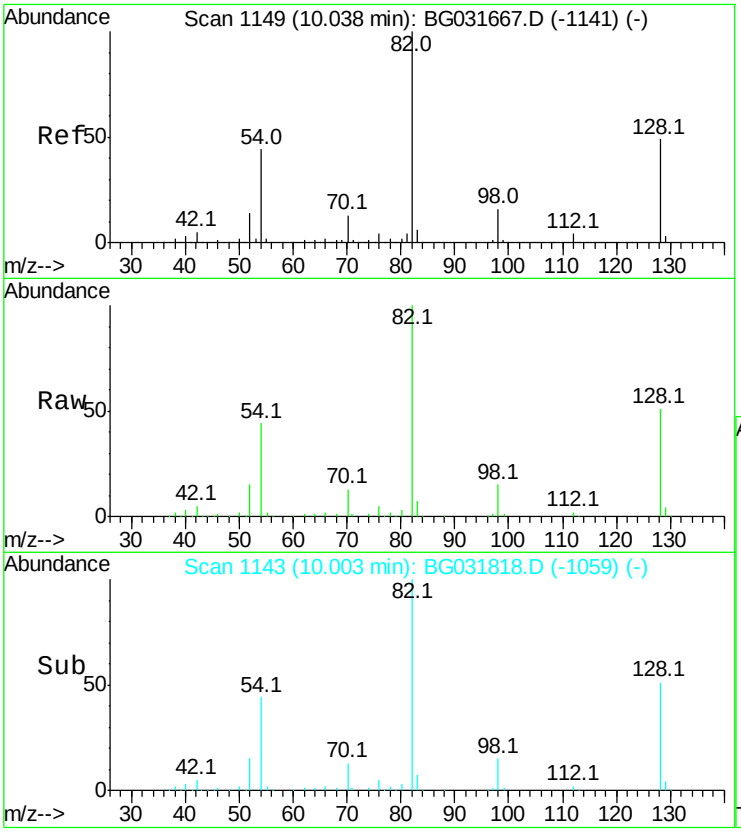


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:136 Resp: 227964

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	4.8	10.3	15.5#
68	3.6	4.5	6.7#



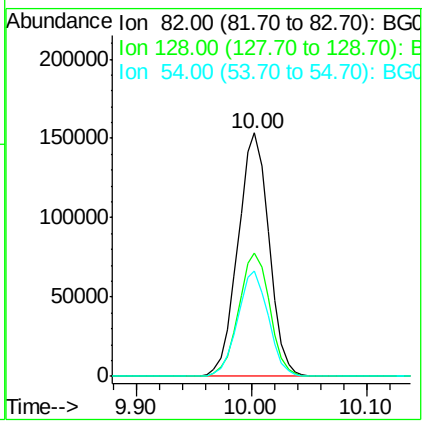


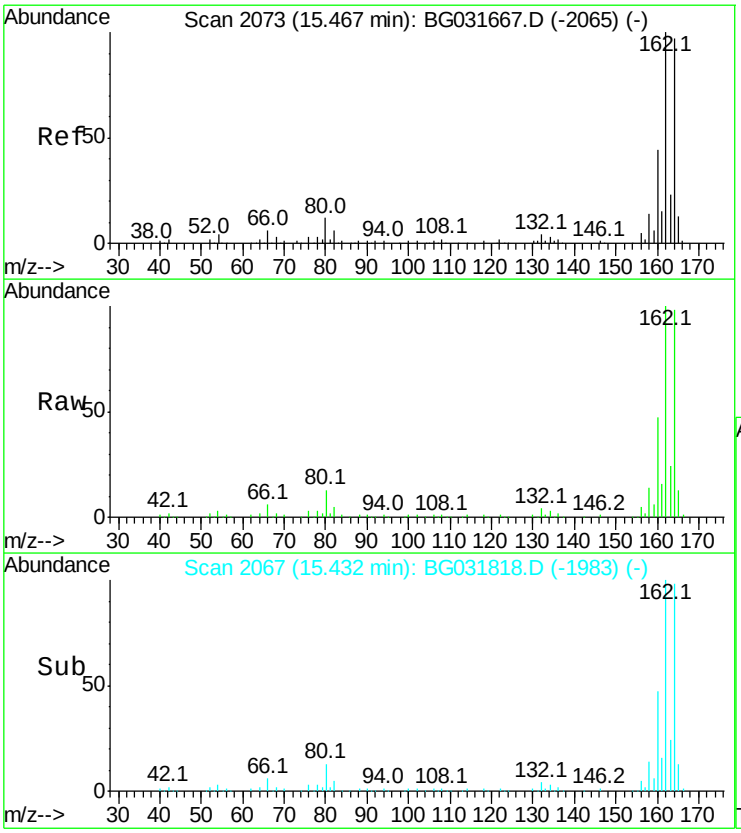
#23
Nitrobenzene-d5
Concen: 94.934 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 286598

Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	43.5	43.1	64.7

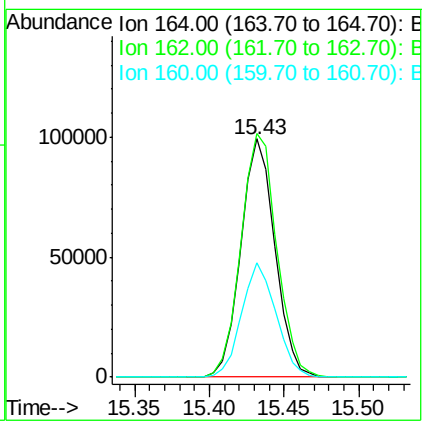


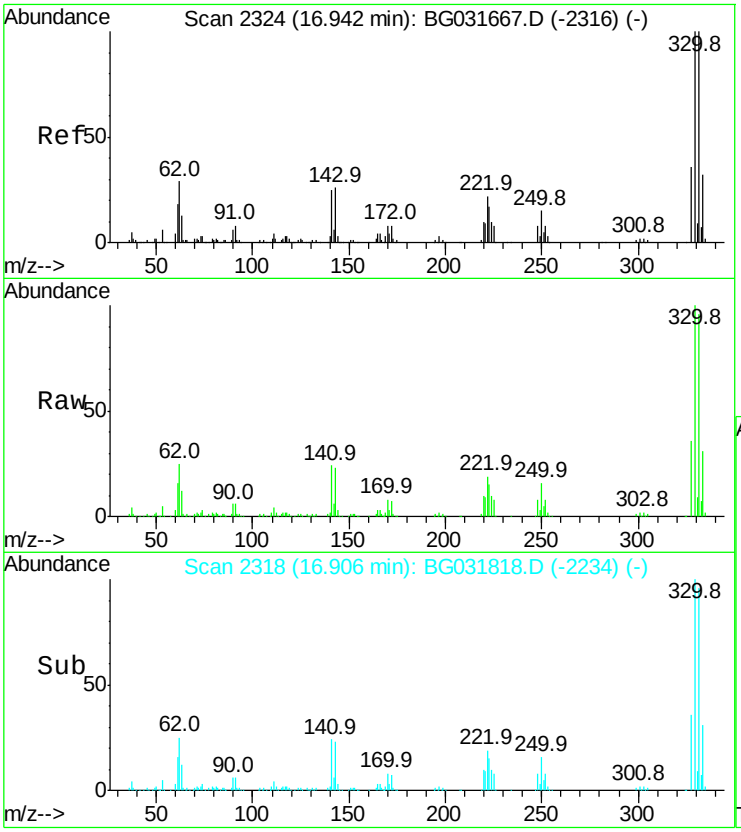


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:164 Resp: 156060

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	48.0	35.4	53.0



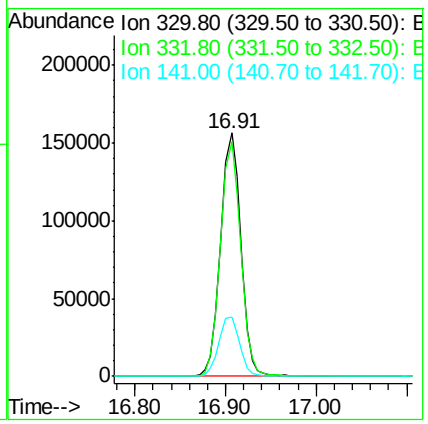


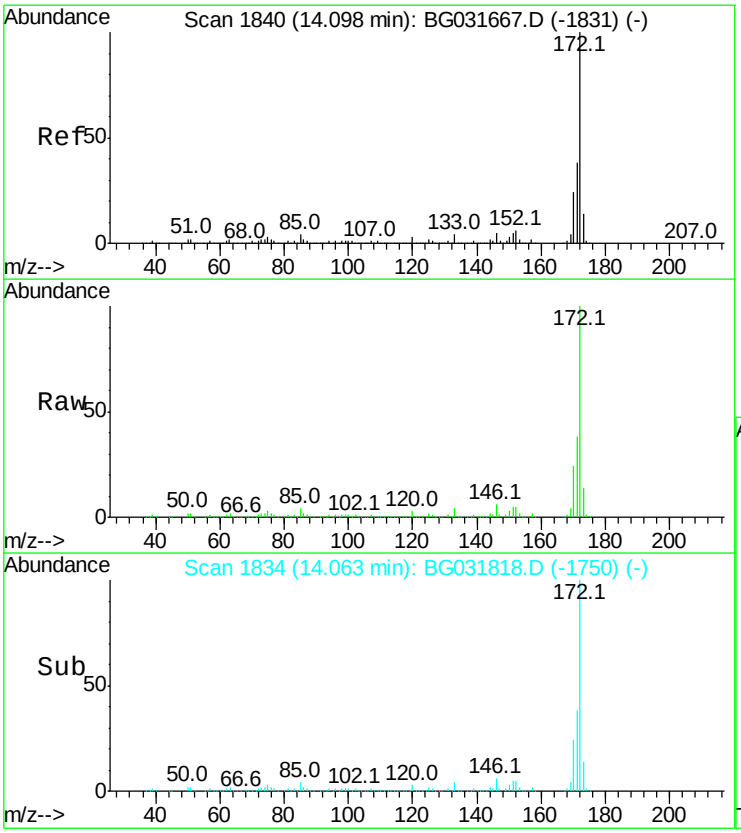
#41
2,4,6-Tribromophenol
Concen: 102.365 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 243757

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.1	25.2	37.8#

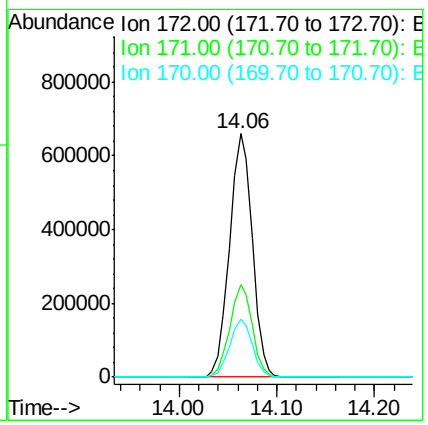


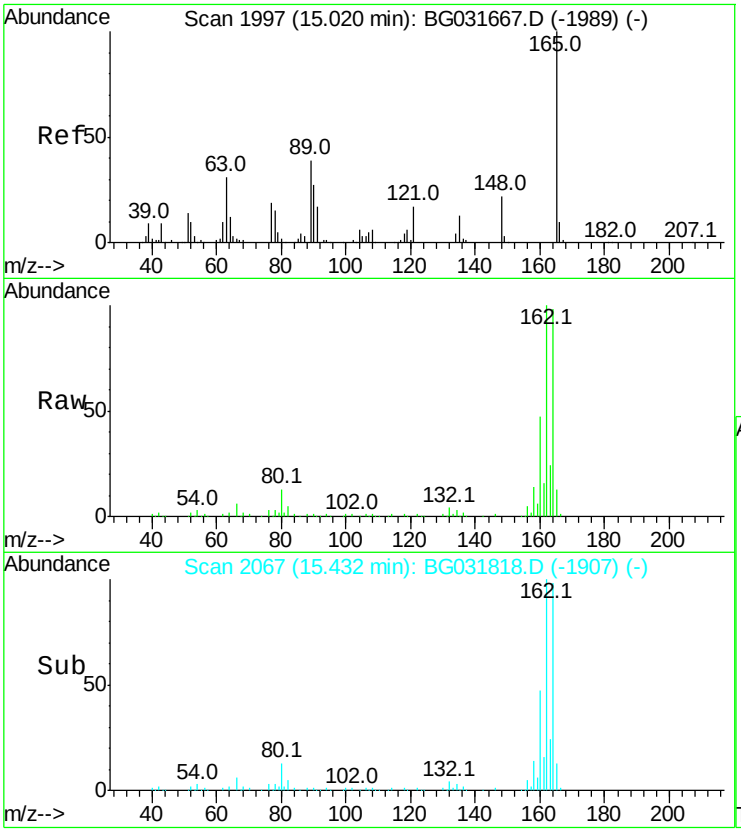


#44
2-Fluorobiphenyl
Concen: 85.611 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:172 Resp: 1064466

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.6	19.5	29.3



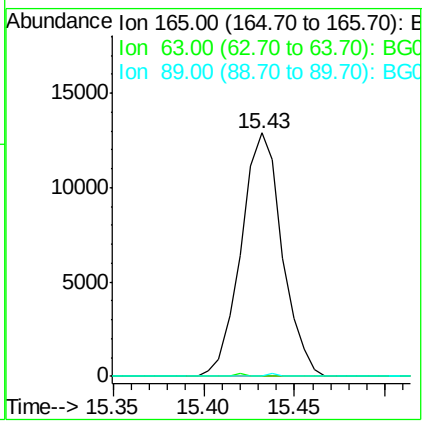


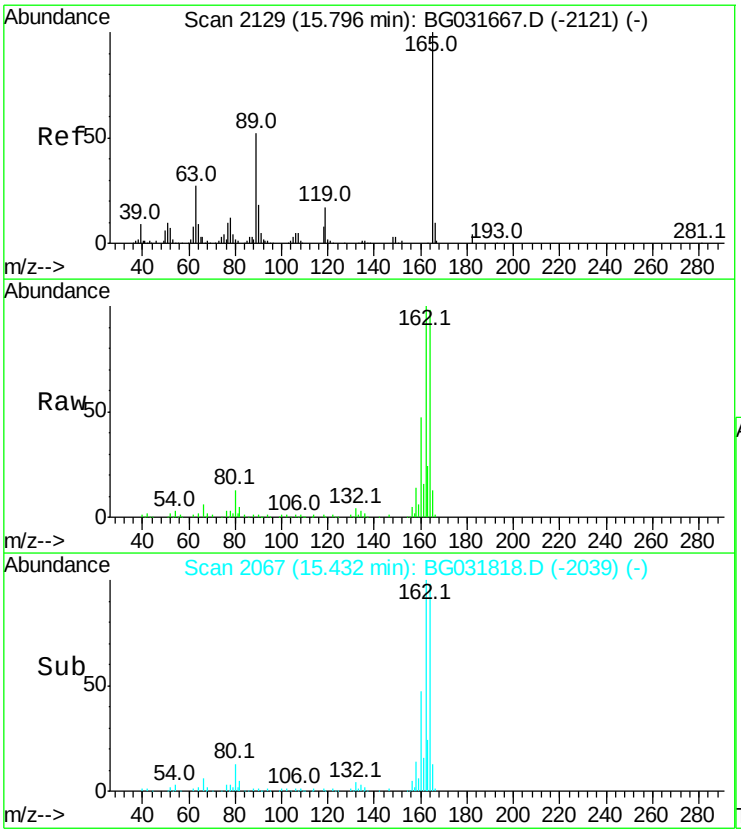
#50
2,6-Dinitrotoluene
Concen: 8.017 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20275

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

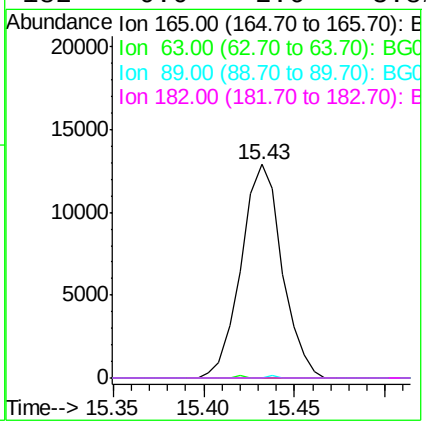


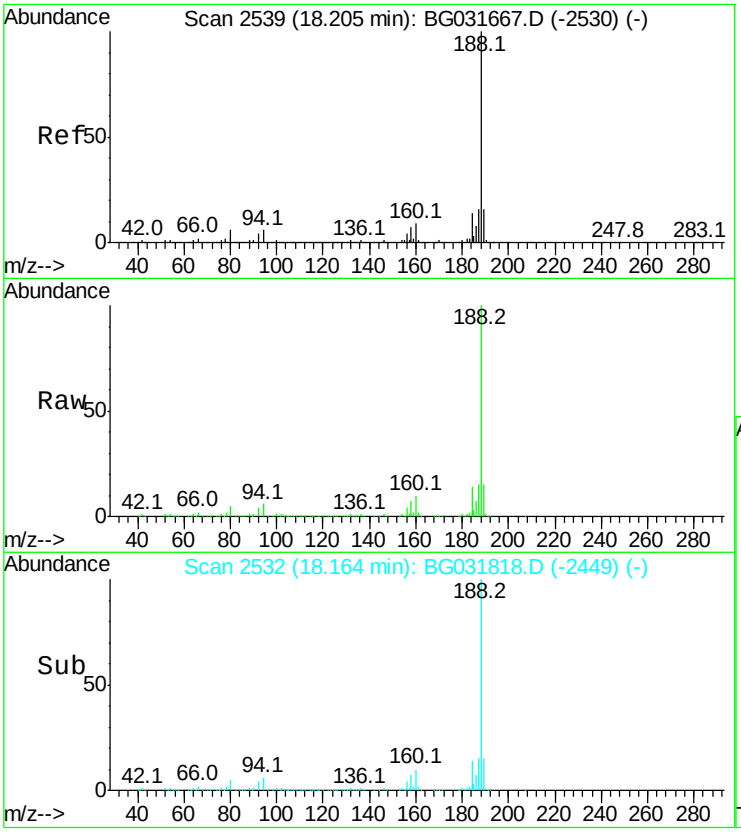


#56
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:165 Resp: 20275

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#



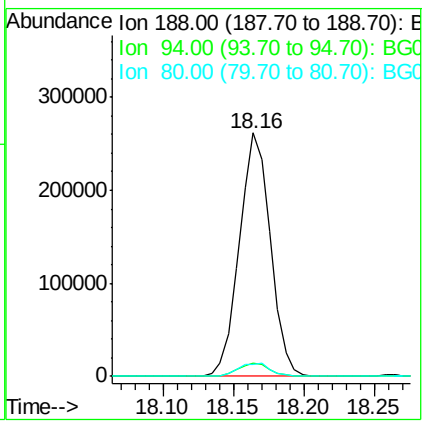


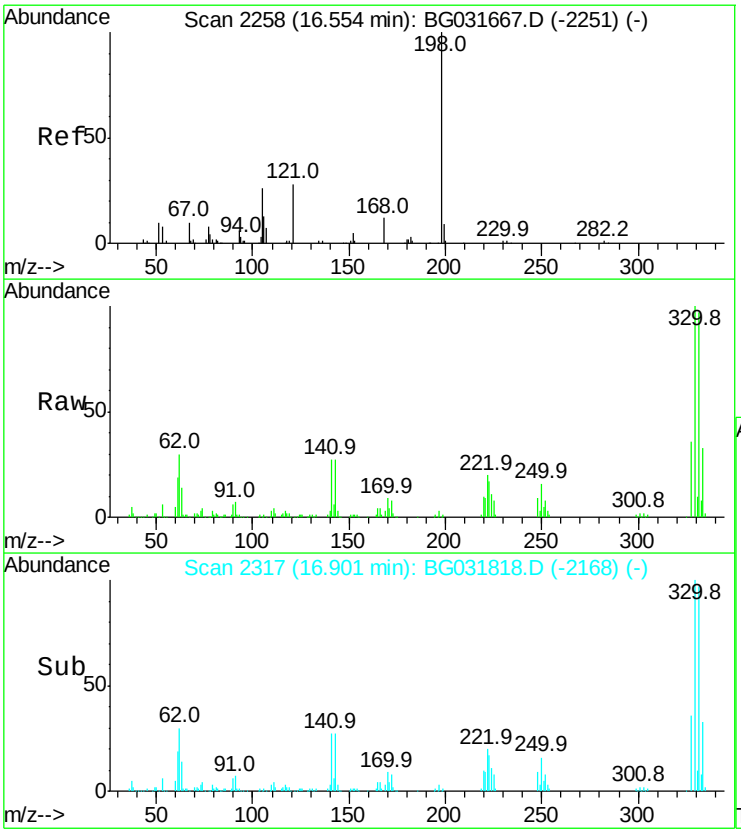
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 403382

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.1	7.7	11.5#

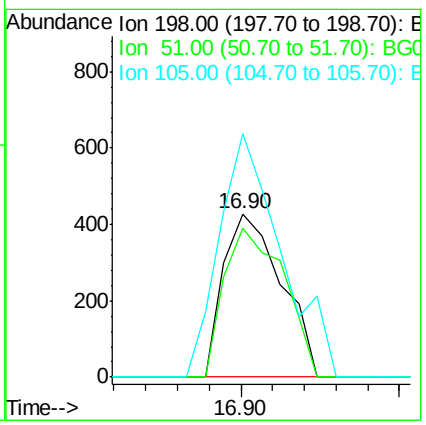


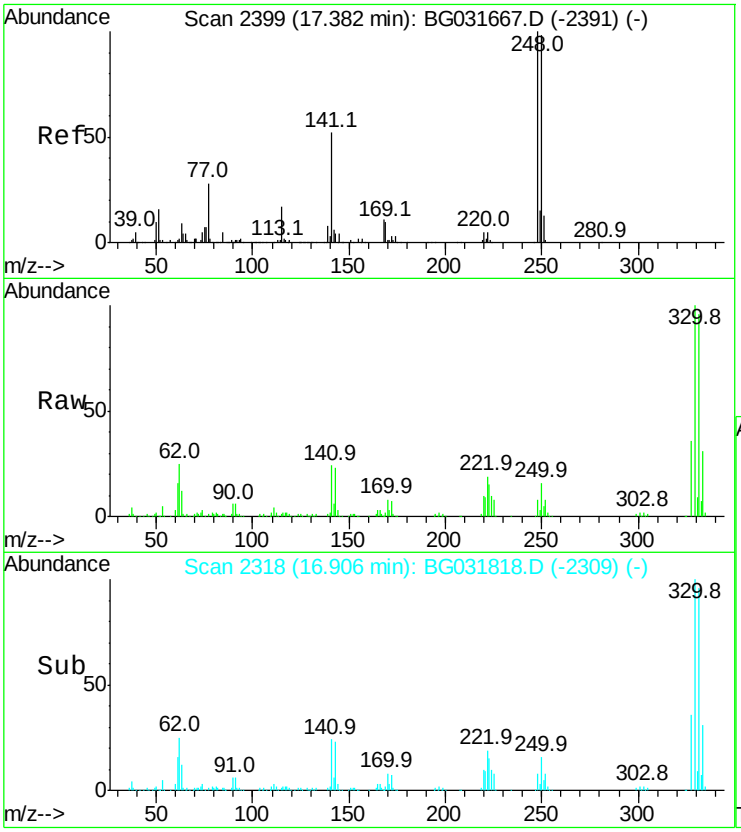


#64
4,6-Dinitro-2-methylphenol
Concen: 8.533 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:198 Resp: 540

Ion	Ratio	Lower	Upper
198	100		
51	91.6	30.6	70.6#
105	149.4	23.8	63.8#



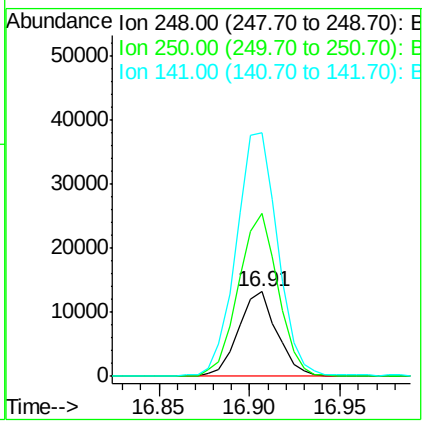


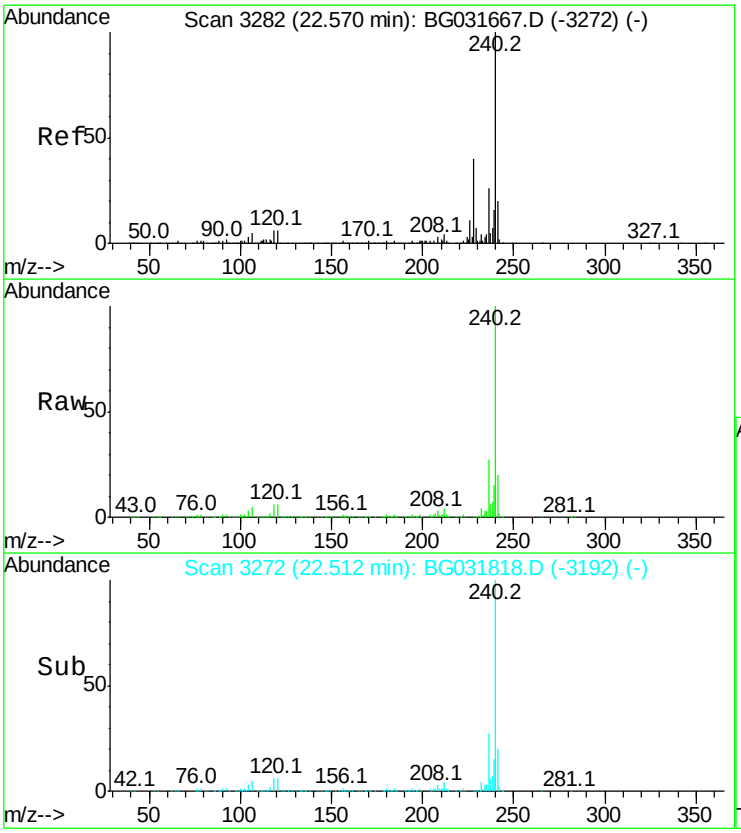
#66
4-Bromophenyl-phenylether
Concen: 3.336 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19459

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.1	115.7#
141	287.0	50.8	76.2#

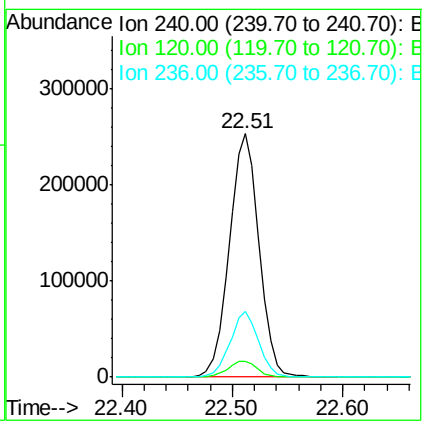


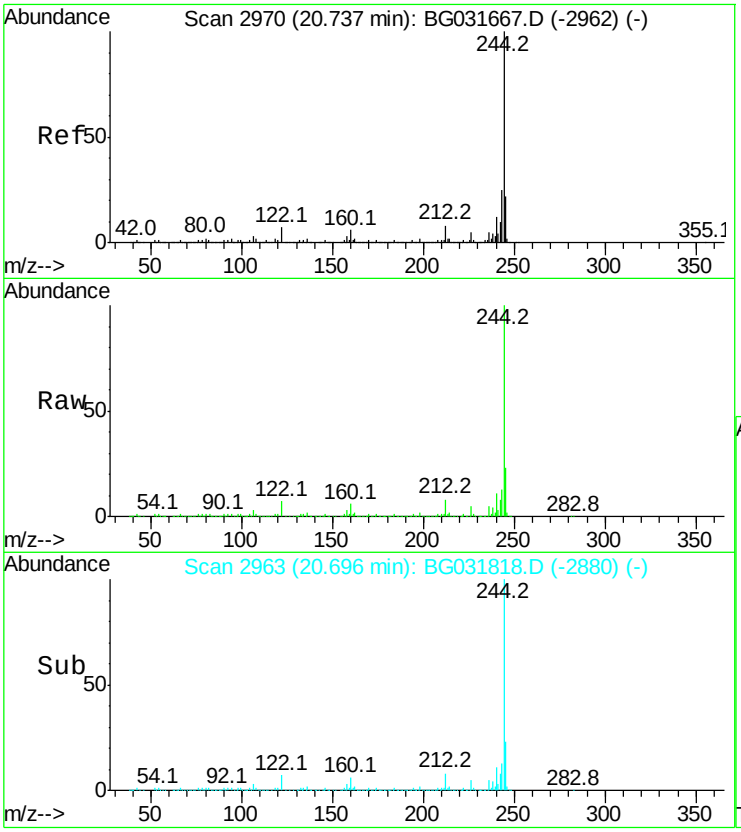


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:240 Resp: 476222

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.0	20.9	31.3



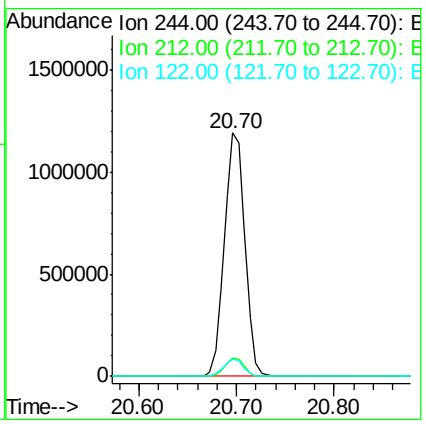


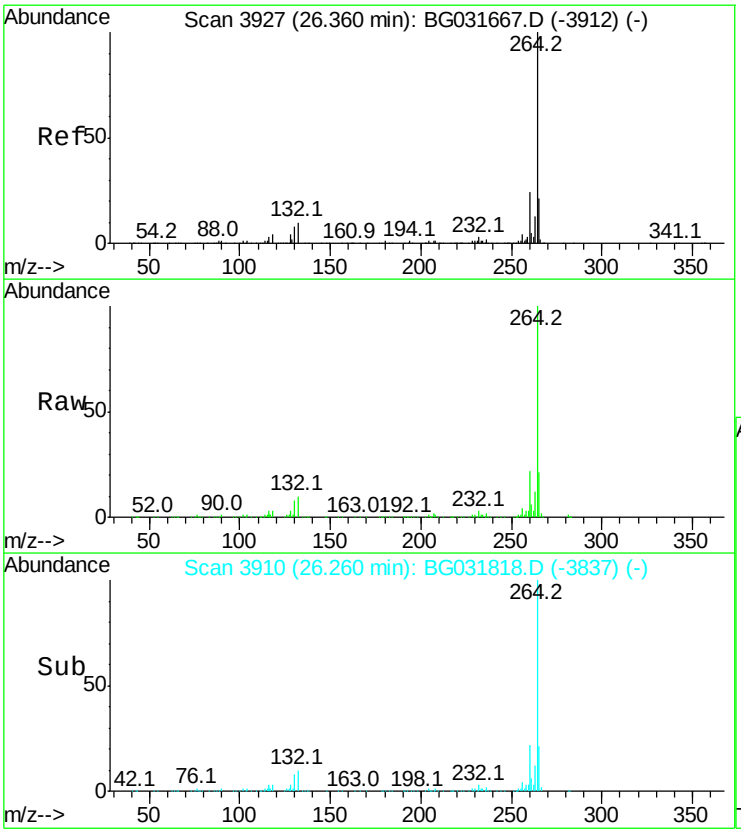
#78
Terphenyl-d14
Concen: 83.357 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1737535

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031818.D
Acq: 28 Dec 2017 5:18

Tgt Ion:264 Resp: 502309

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.3	17.7	26.5