Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031832.D
Acq On : 28 Dec 2017 19:27
Operator : SJ/JU
Sample : I6685-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 29 06:28:31 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	51467	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	199369	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	134259	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	362408	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	433715	20.00	ng		-0.06
86) Perylene-d12	26.27	264	449740	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	387003	136.96	ng		-0.02
7) Phenol-d6	7.91	99	438009	119.39	ng		-0.02
23) Nitrobenzene-d5	10.00	82	294075	111.38	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	358020	174.76	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1018436	95.21	ng		-0.03
78) Terphenyl-d14	20.70	244	1959519	103.22	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	9208	4.168	ng		100
19) n-Nitroso-di-n-propylamine	10.00	70	38183	15.240	ng	#	70
32) Benzoic acid	10.87	122	130	6.749	ng	#	1
50) 2,6-Dinitrotoluene	15.43	165	17291	7.947	ng	#	19
56) 2,4-Dinitrotoluene	15.43	165	17291	6.180	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.90	198	754	8.659	ng	#	51
66) 4-Bromophenyl-phenylether	16.91	248	28325	5.405	ng	#	1

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

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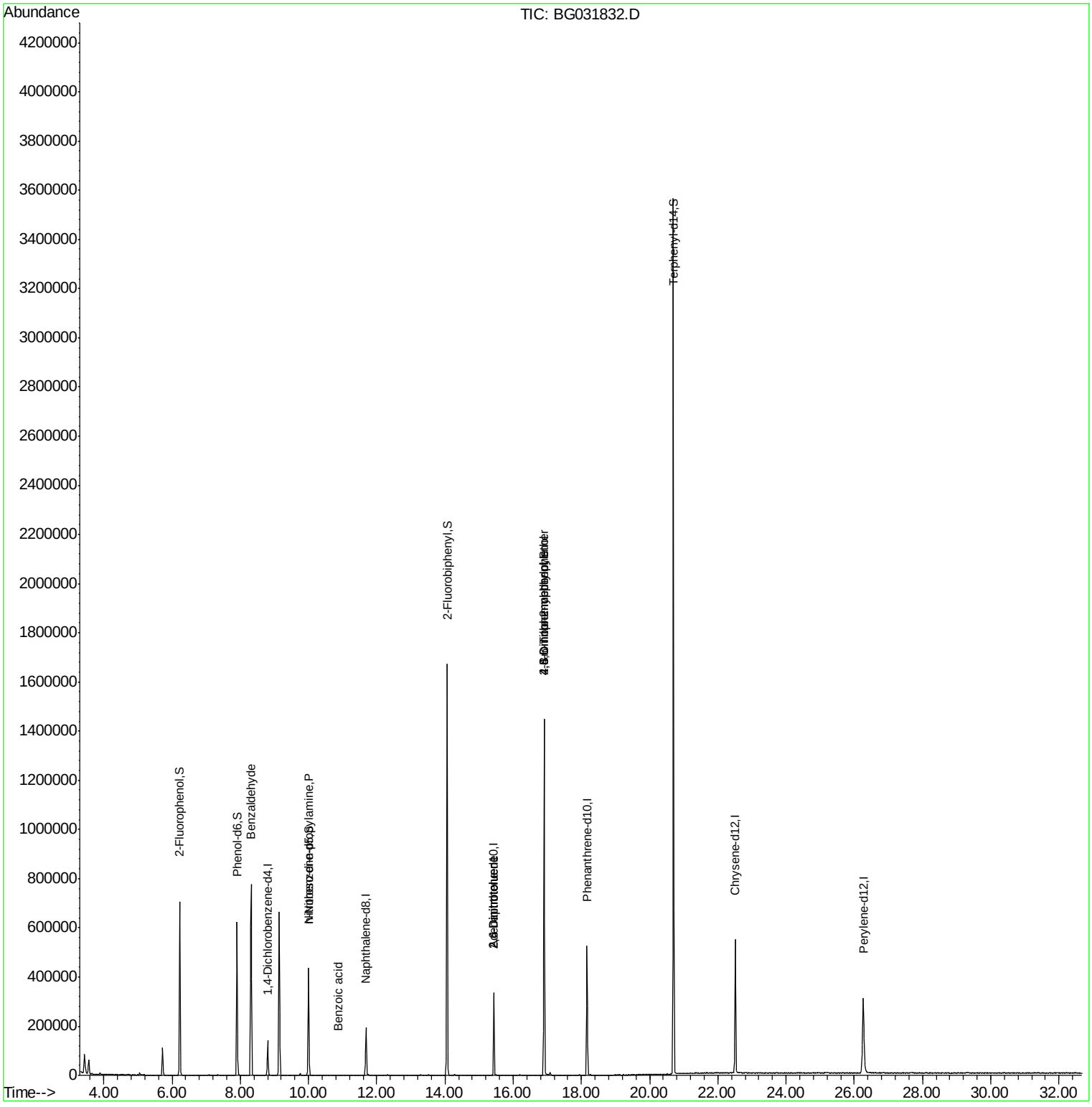
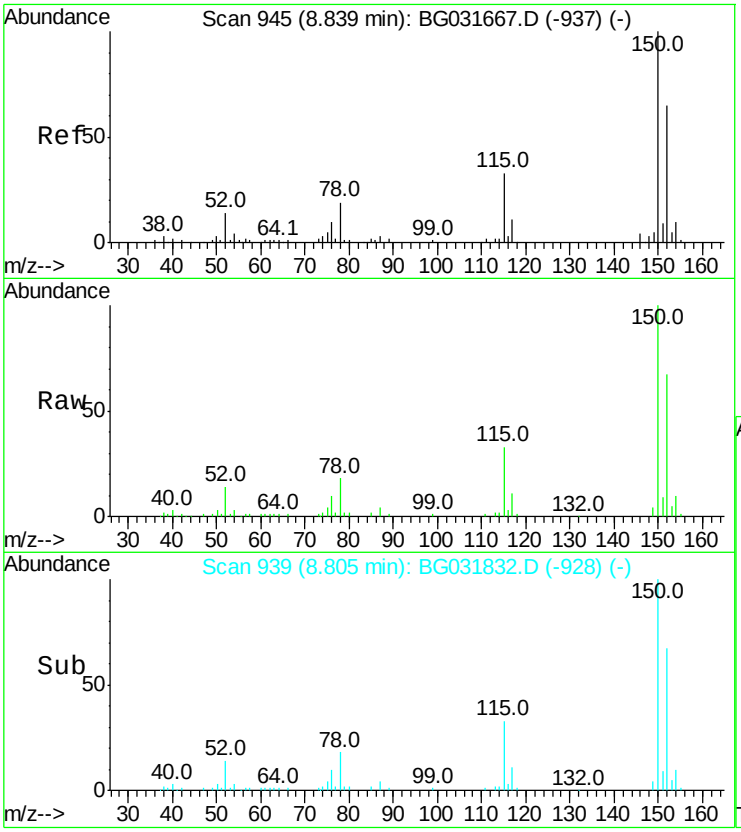


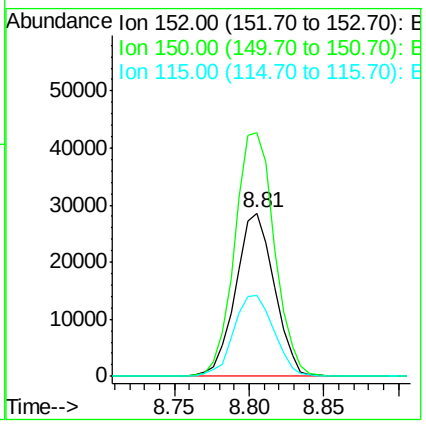


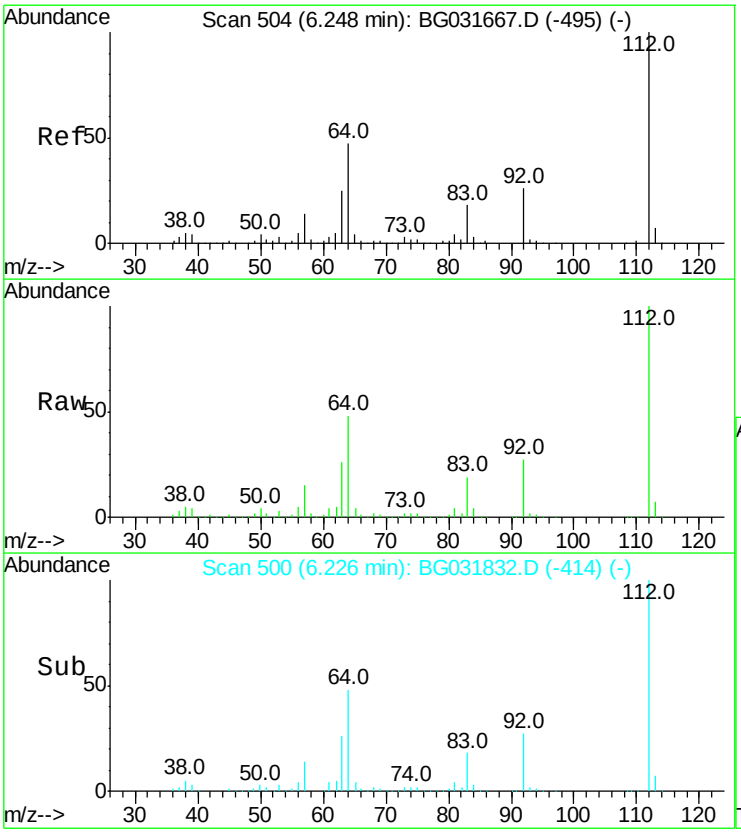
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51467

Ion	Ratio	Lower	Upper
152	100		
150	149.1	126.6	189.8
115	49.4	53.0	79.4#

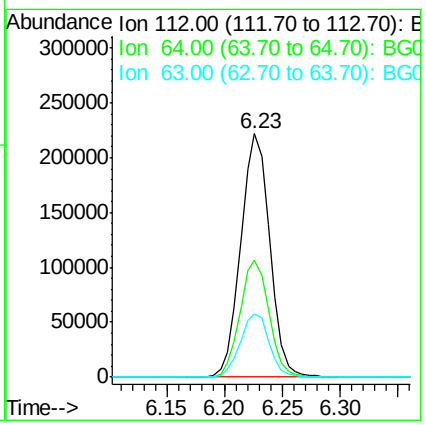


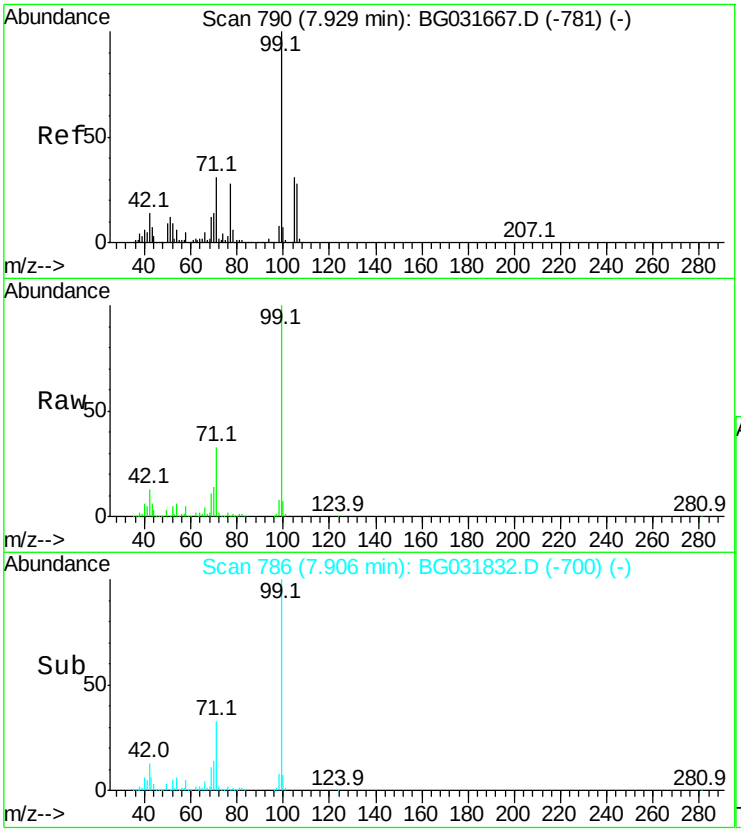


#5
2-Fluorophenol
Concen: 136.958 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:112 Resp: 387003

Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	26.2	30.1	45.1#



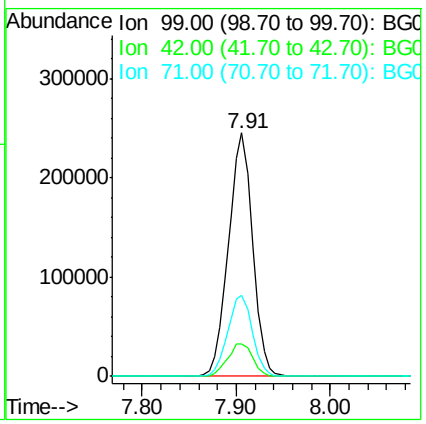


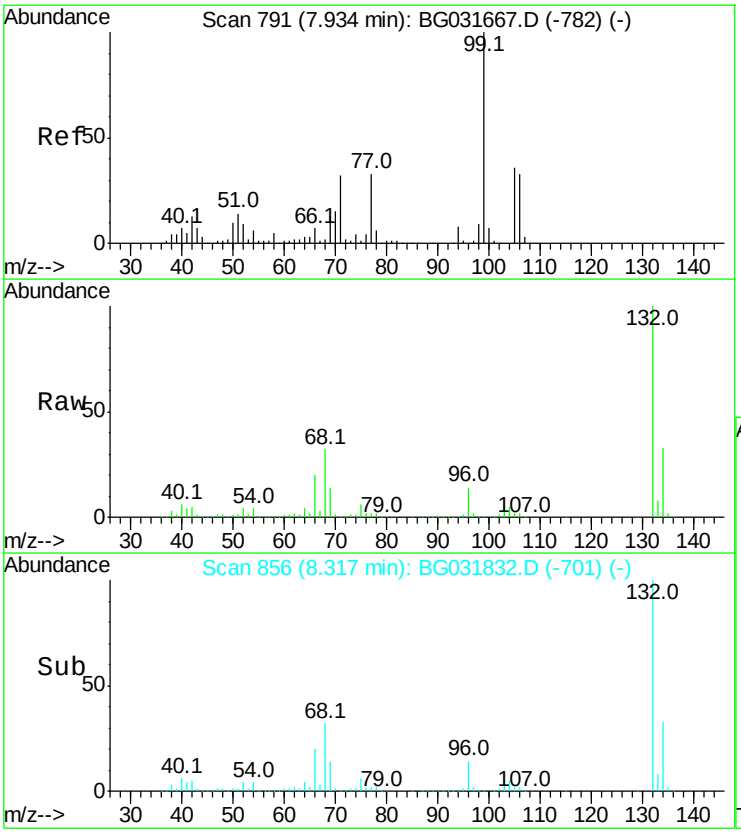
#7
Phenol-d6
Concen: 119.391 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 438009

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.1	21.1#
71	33.3	26.1	39.1

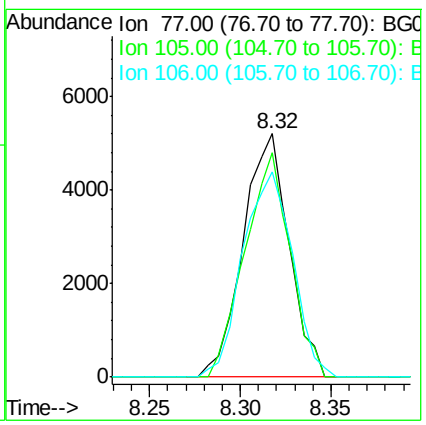


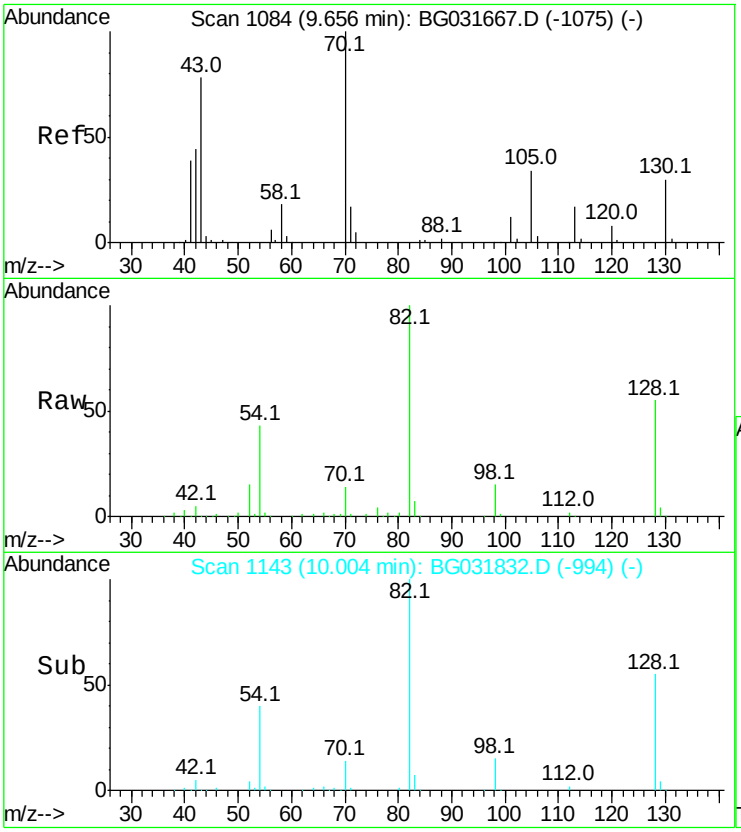


#9
Benzaldehyde
Concen: 4.168 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion: 77 Resp: 9208

Ion	Ratio	Lower	Upper
77	100		
105	92.0	71.3	111.3
106	84.3	64.2	104.2



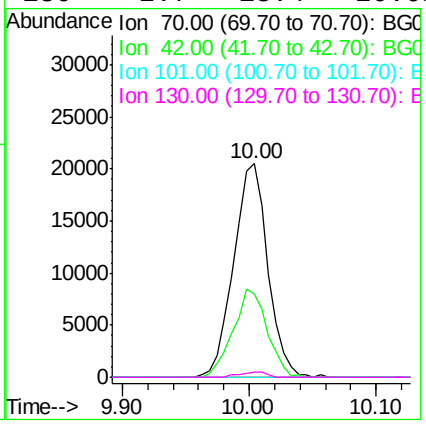


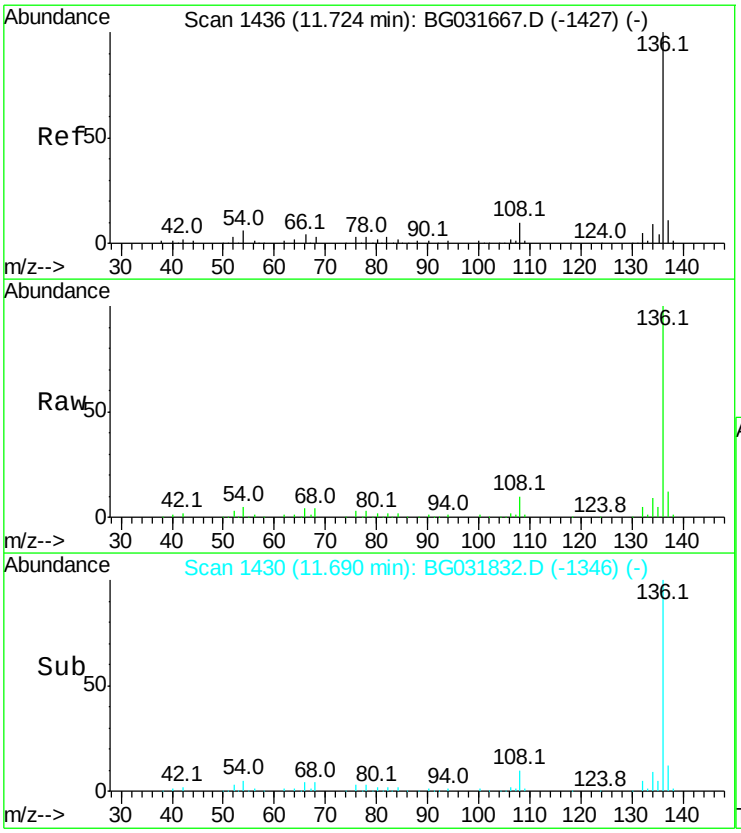
#19
n-Nitroso-di-n-propylamine
Concen: 15.240 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 38183

Ion	Ratio	Lower	Upper
70	100		
42	39.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#

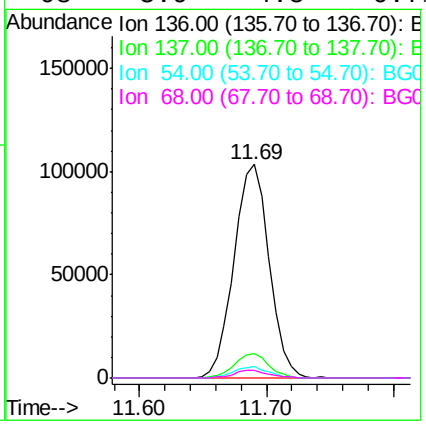


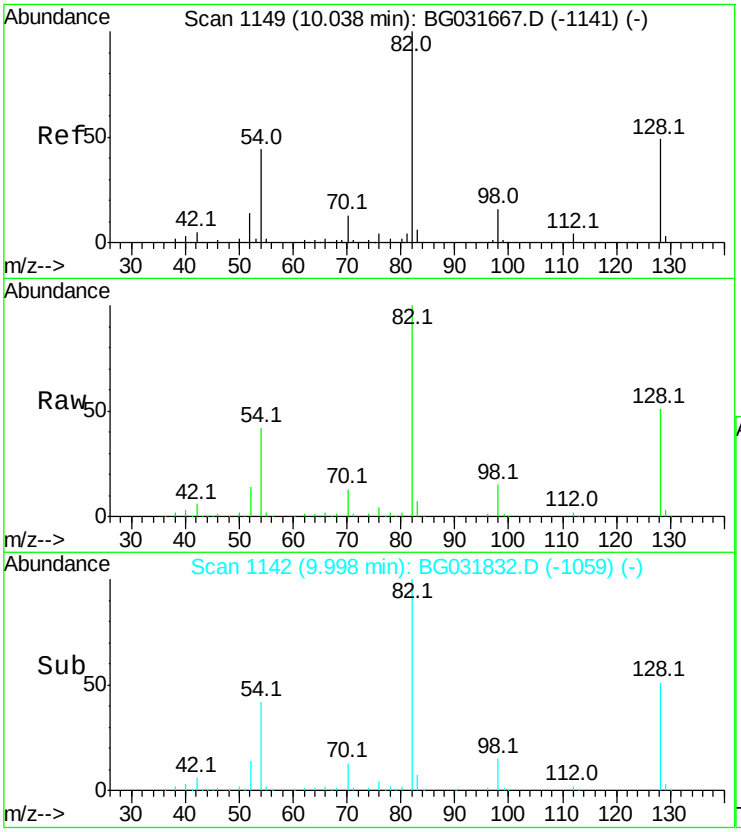


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:136 Resp: 199369

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.2	10.3	15.5#
68	3.9	4.5	6.7#



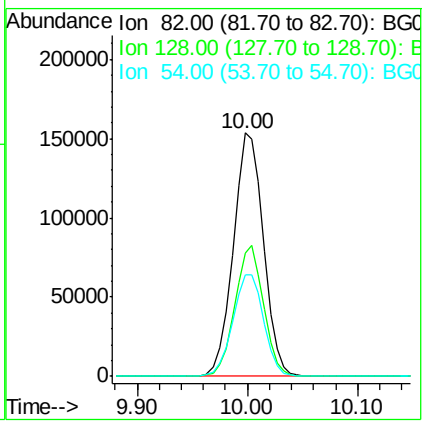


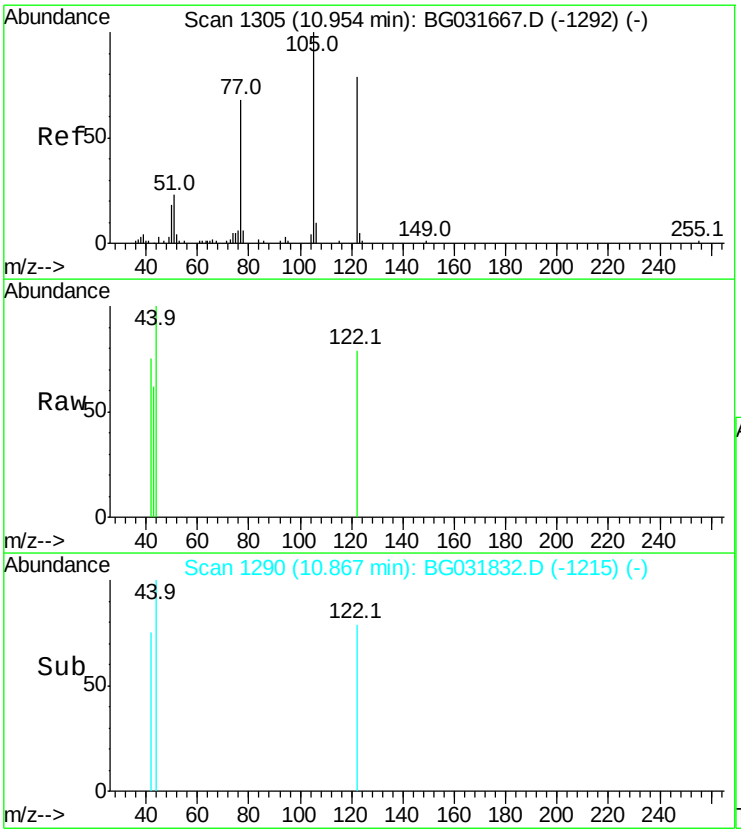
#23
Nitrobenzene-d5
Concen: 111.383 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 294075

Ion	Ratio	Lower	Upper
82	100		
128	50.6	29.7	44.5#
54	41.6	43.1	64.7#

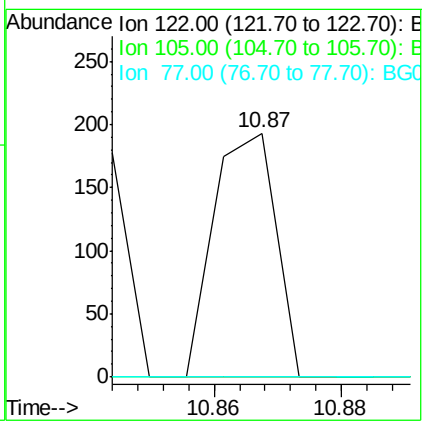


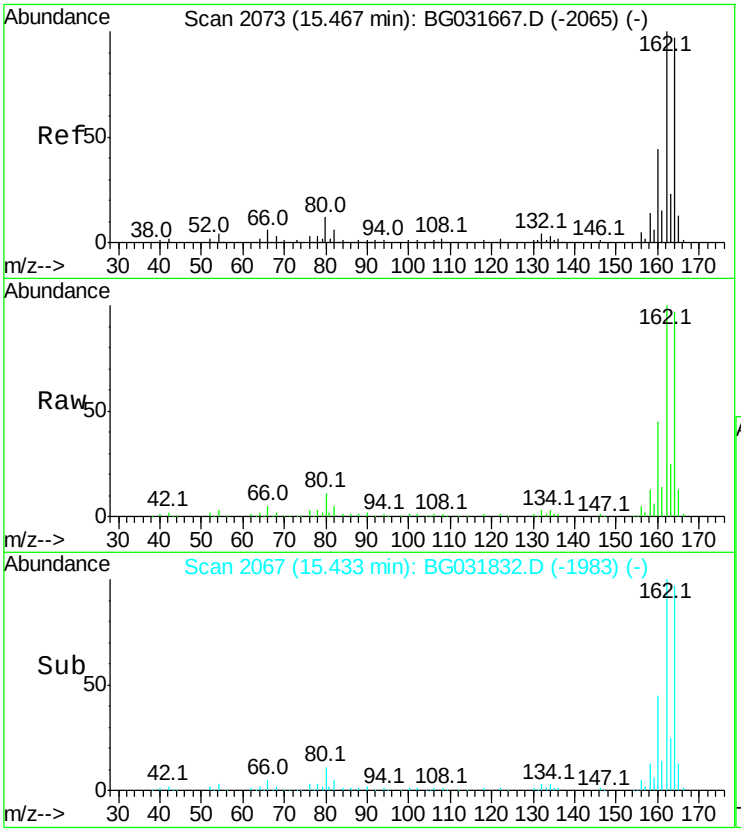


#32
Benzoic acid
Concen: 6.749 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.09 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:122 Resp: 130

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



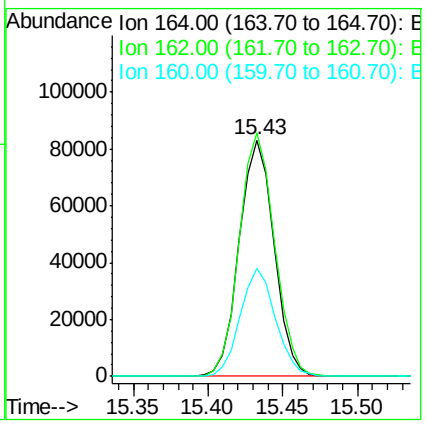


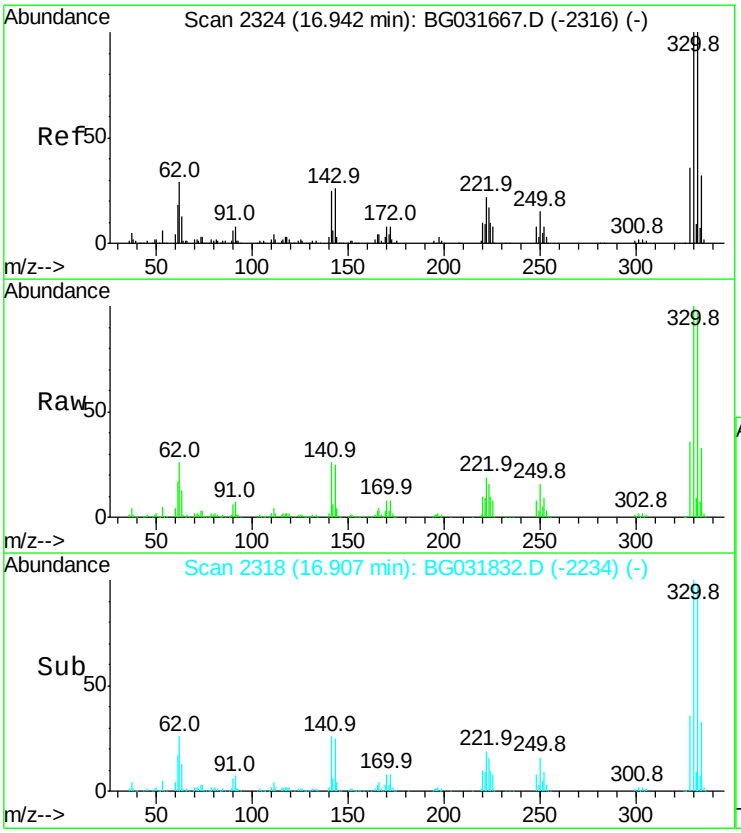
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 134259

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.9	35.4	53.0

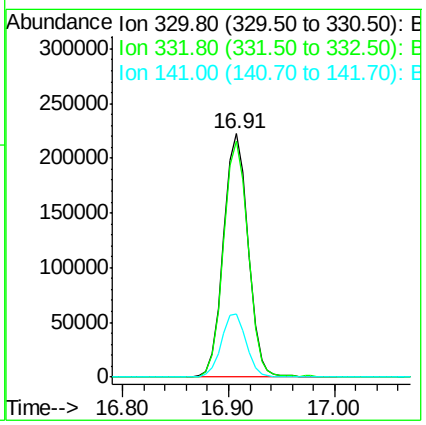


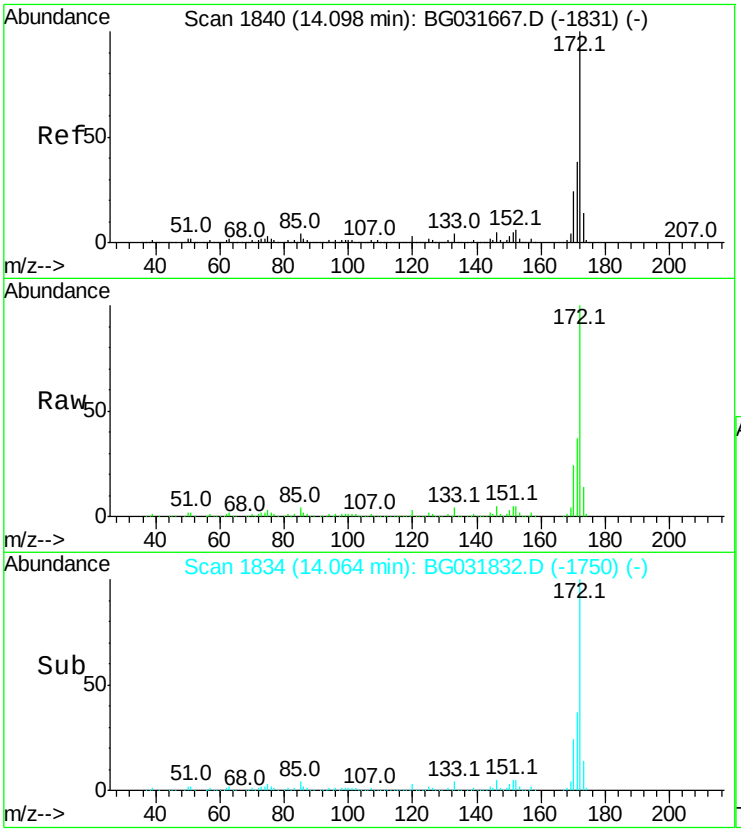


#41
2,4,6-Tribromophenol
Concen: 174.763 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:330 Resp: 358020

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.2	25.2	37.8



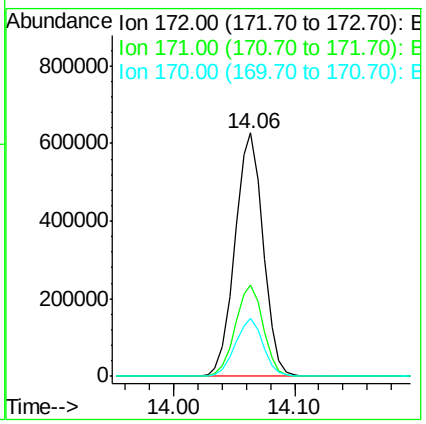


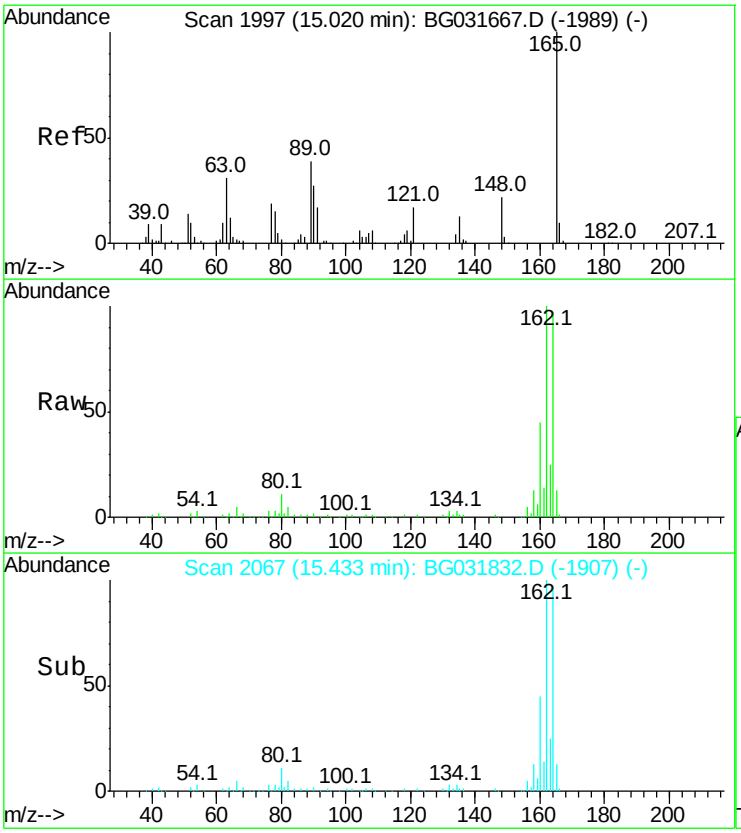
#44
2-Fluorobiphenyl
Concen: 95.209 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1018436

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.6	19.5	29.3

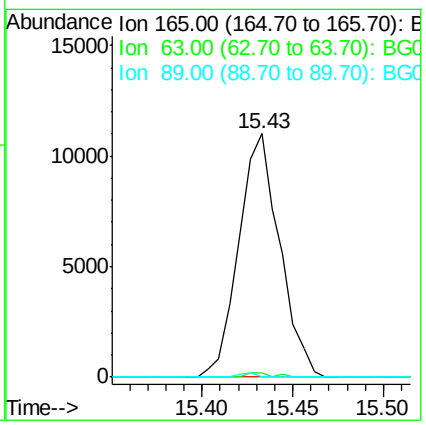


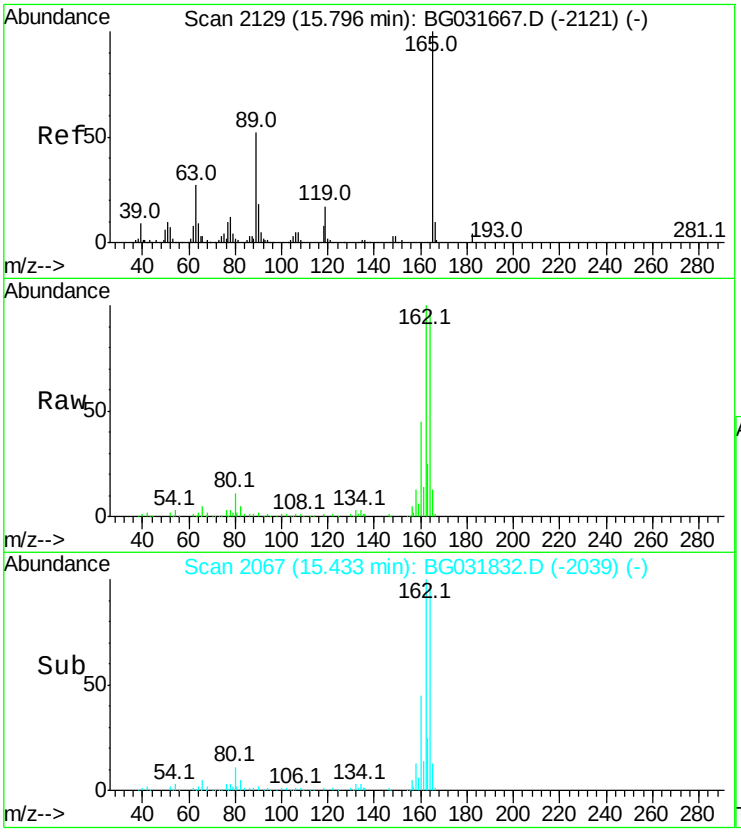


#50
2,6-Dinitrotoluene
Concen: 7.947 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:165 Resp: 17291

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.7	79.1#
89	0.0	49.2	73.8#



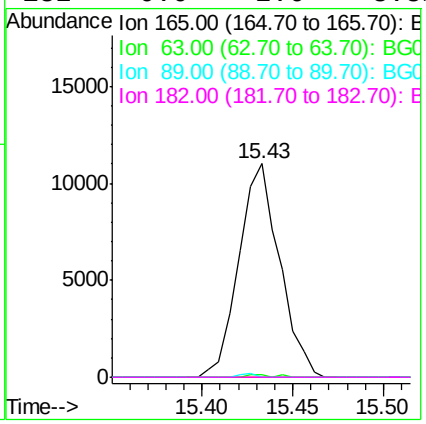


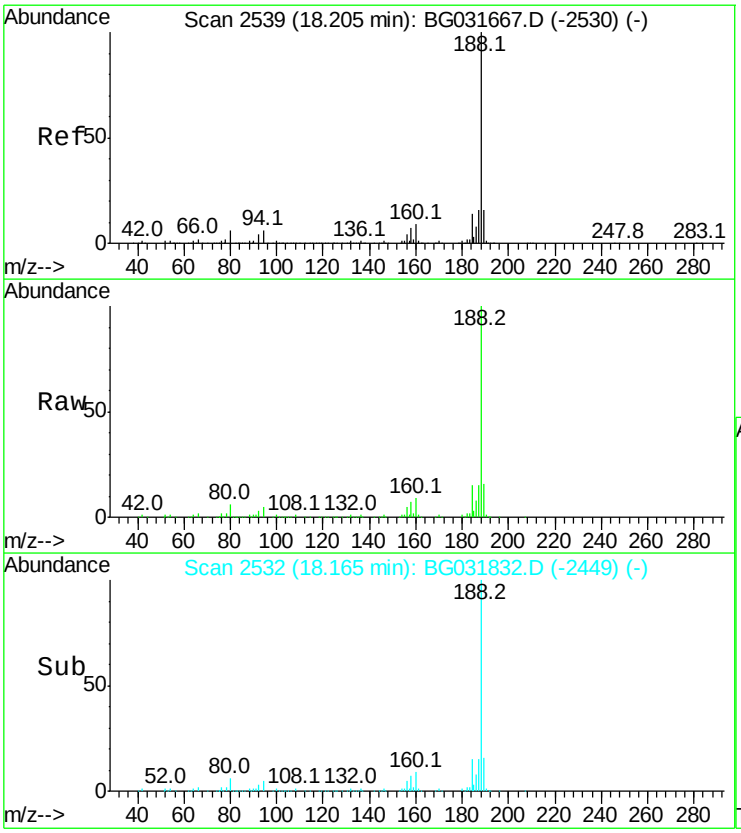
#56
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17291

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

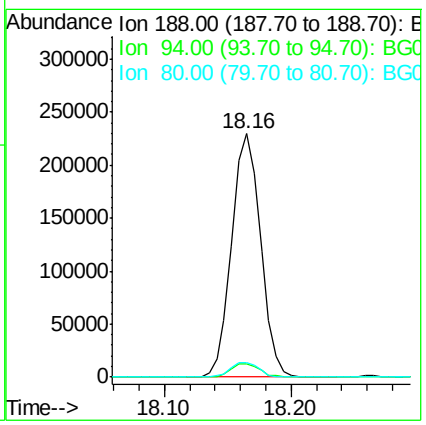


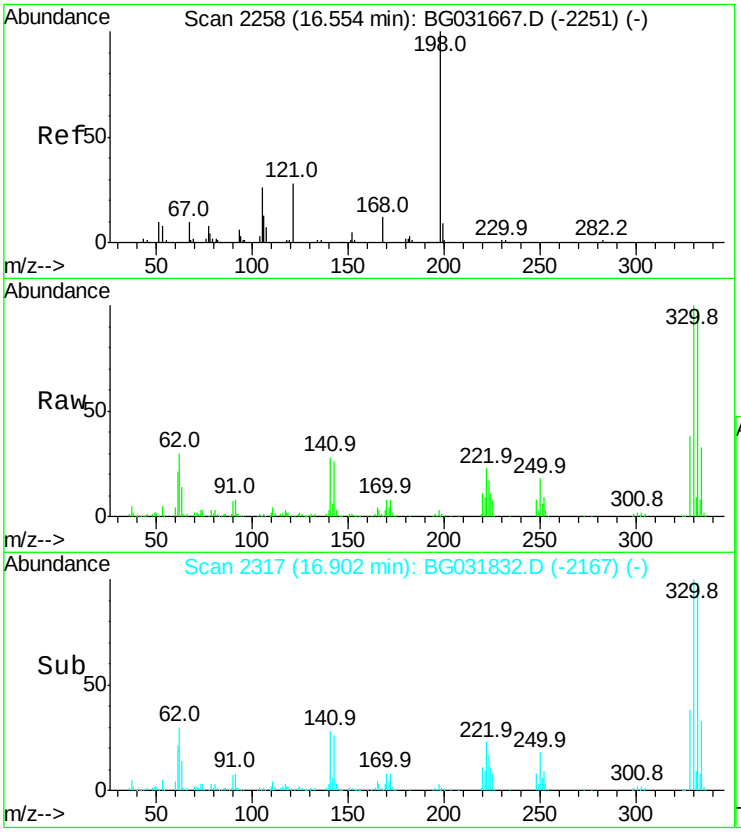


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:188 Resp: 362408

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	6.0	7.7	11.5#



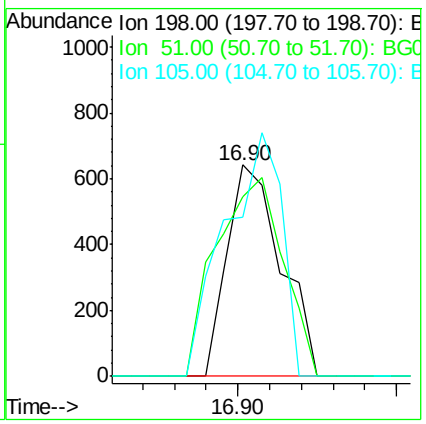


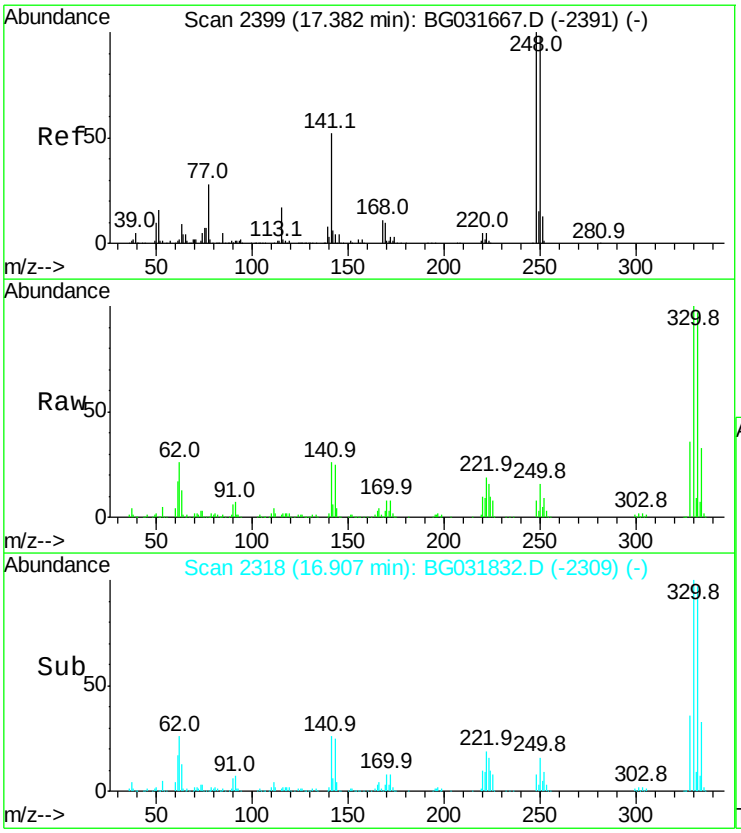
#64
4,6-Dinitro-2-methylphenol
Concen: 8.659 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 754

Ion	Ratio	Lower	Upper
198	100		
51	85.0	30.6	70.6#
105	75.2	23.8	63.8#

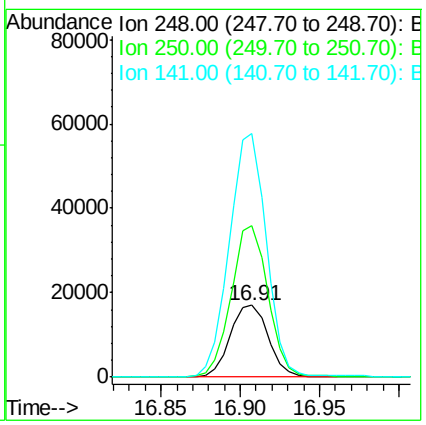


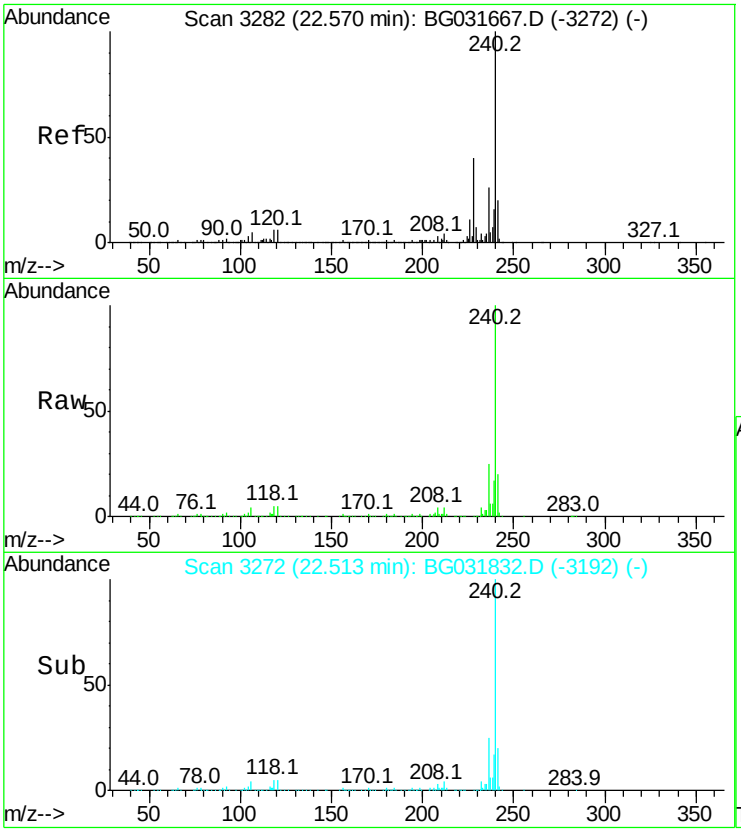


#66
4-Bromophenyl-phenylether
Concen: 5.405 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:248 Resp: 28325

Ion	Ratio	Lower	Upper
248	100		
250	210.9	77.1	115.7#
141	339.4	50.8	76.2#



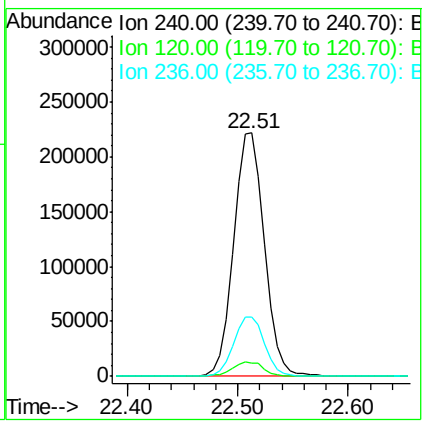


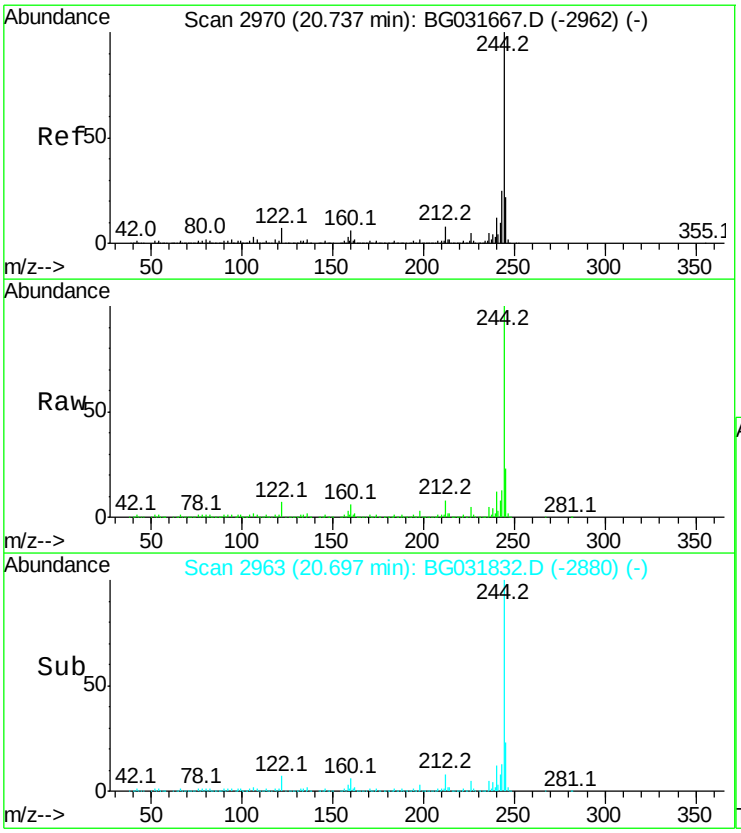
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 433715

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.6	20.9	31.3

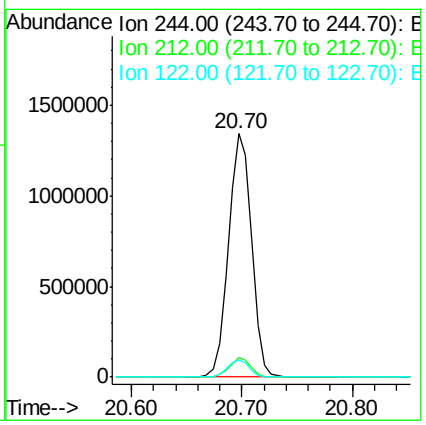


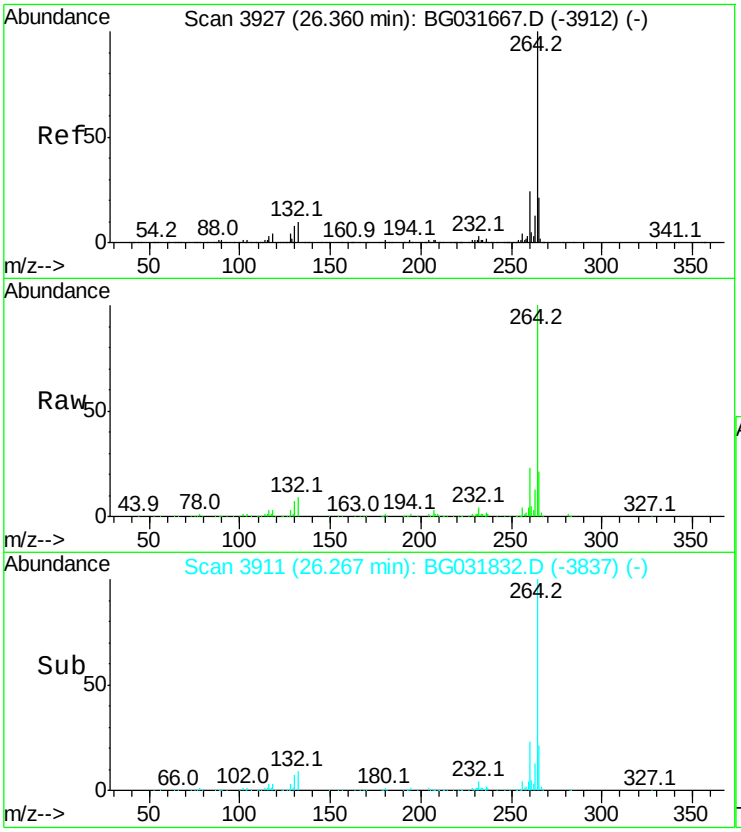


#78
Terphenyl-d14
Concen: 103.220 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:244 Resp: 1959519

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 449740

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.4	17.7	26.5