Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031827.D
Acq On : 28 Dec 2017 16:19
Operator : SJ/JU
Sample : I6685-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 28 17:06:39 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	53067	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	205028	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	139425	20.00	ng		-0.04
63) Phenanthrene-d10	18.16	188	373903	20.00	ng		-0.04
75) Chrysene-d12	22.50	240	449866	20.00	ng		-0.07
86) Perylene-d12	26.25	264	467554	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	309668	106.29	ng		-0.02
7) Phenol-d6	7.90	99	350154	92.57	ng		-0.03
23) Nitrobenzene-d5	10.00	82	238237	87.74	ng		-0.04
41) 2,4,6-Tribromophenol	16.90	330	287969	135.36	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	861874	77.59	ng		-0.04
78) Terphenyl-d14	20.69	244	1613145	81.92	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.32	77	8031	3.526	ng		87
19) n-Nitroso-di-n-propylamine	10.00	70	31081	12.031	ng	#	76
31) Naphthalene	11.74	128	163958	15.846	ng		97
32) Benzoic acid	10.89	122	54	6.717	ng	#	1
33) 4-Chloroaniline	11.73	127	22526	4.890	ng	#	32
50) 2,6-Dinitrotoluene	15.43	165	18647	8.252	ng	#	18
56) 2,4-Dinitrotoluene	15.43	165	18647	6.418	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.90	198	680	8.615	ng	#	49
66) 4-Bromophenyl-phenylether	16.90	248	22631	4.186	ng	#	1

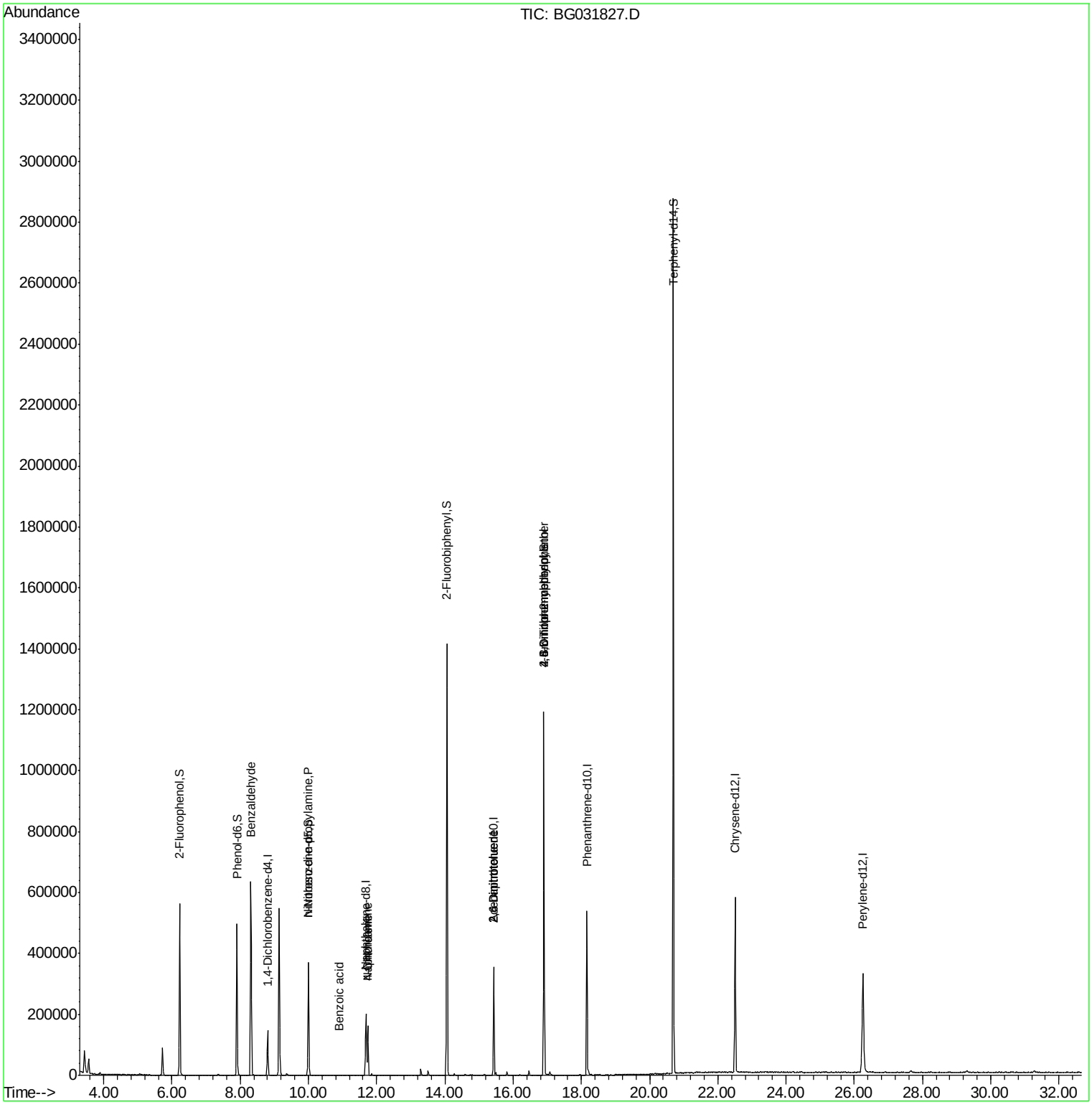
(#) = qualifier out of range (m) = manual integration (+) = signals summed

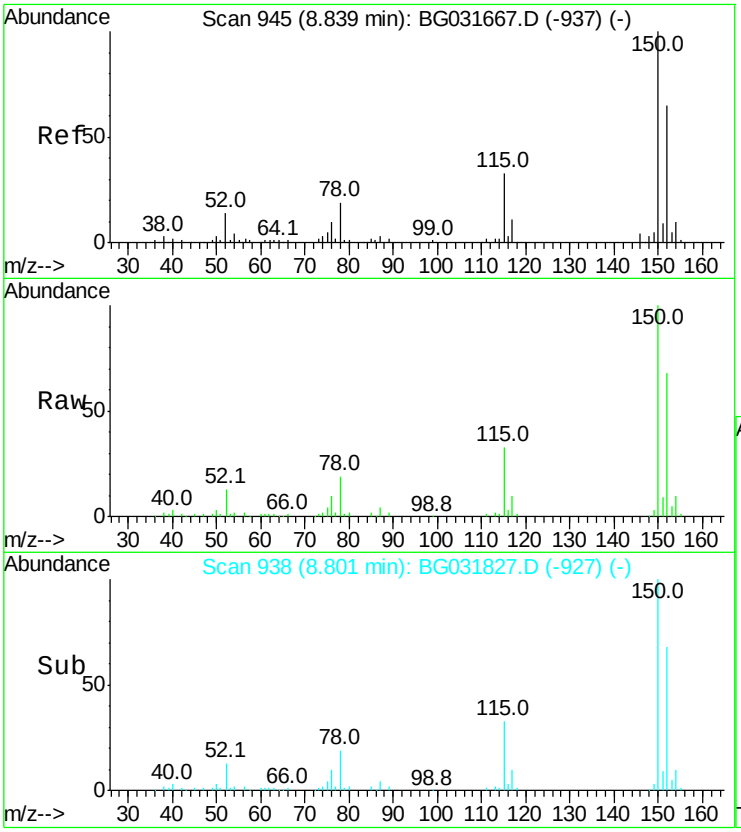
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031827.D
Acq On : 28 Dec 2017 16:19
Operator : SJ/JU
Sample : I6685-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 28 17:06:39 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



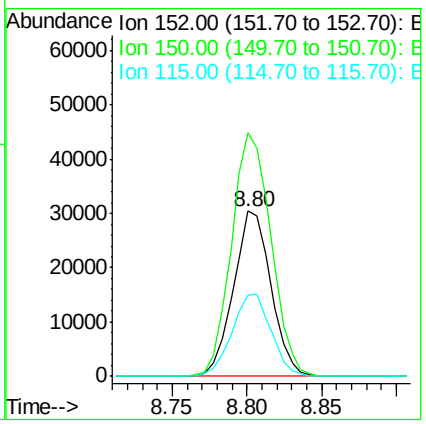


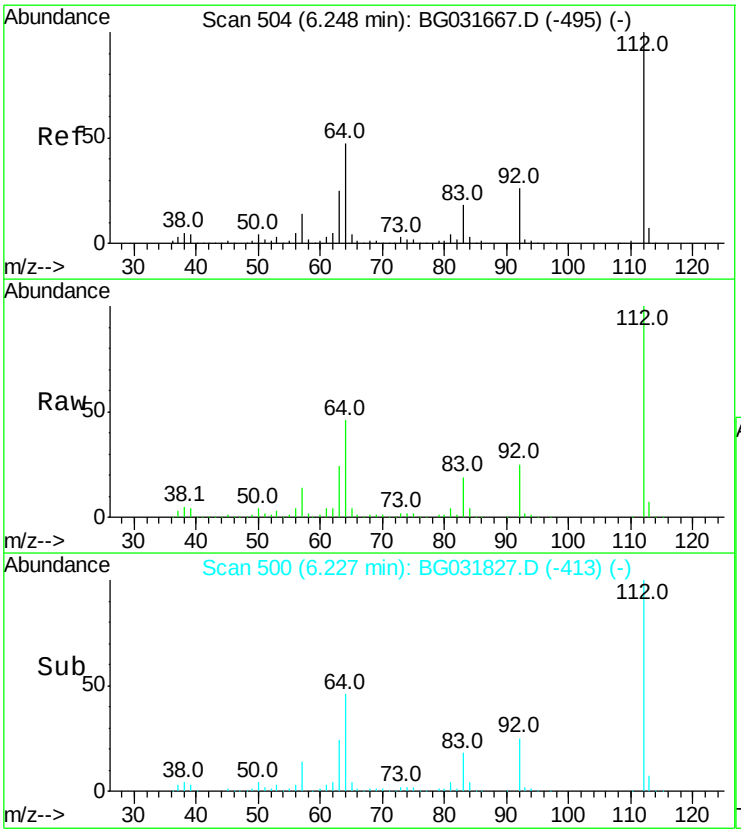
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 53067

Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	48.8	53.0	79.4#

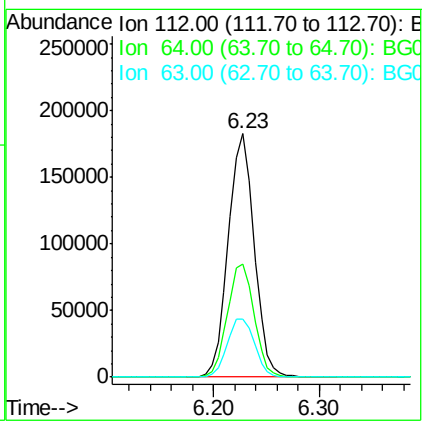


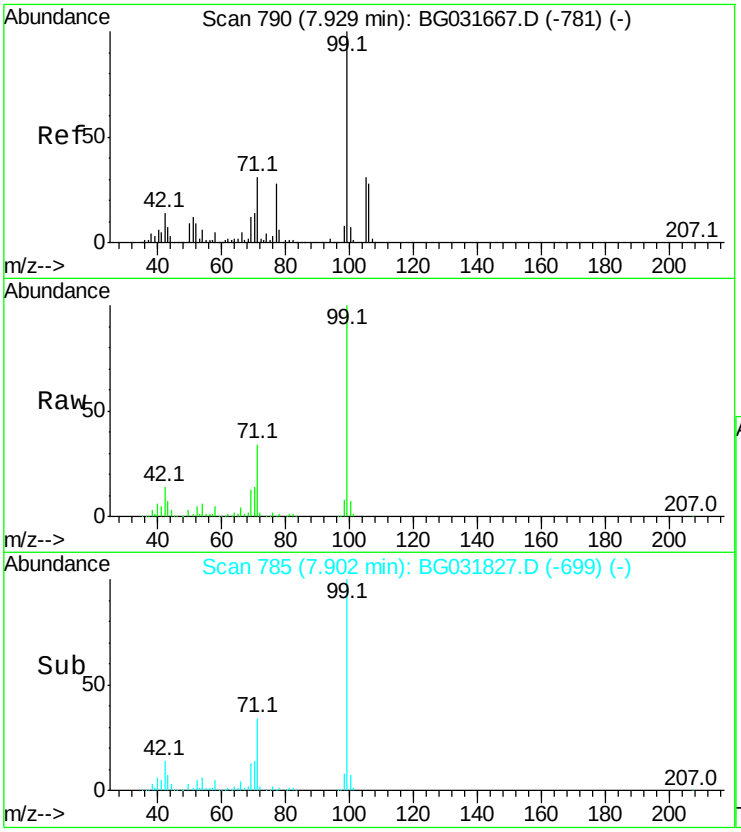


#5
2-Fluorophenol
Concen: 106.285 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:112 Resp: 309668

Ion	Ratio	Lower	Upper
112	100		
64	46.2	56.3	84.5#
63	23.7	30.1	45.1#



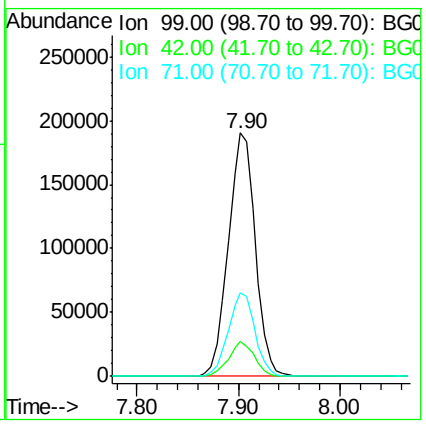


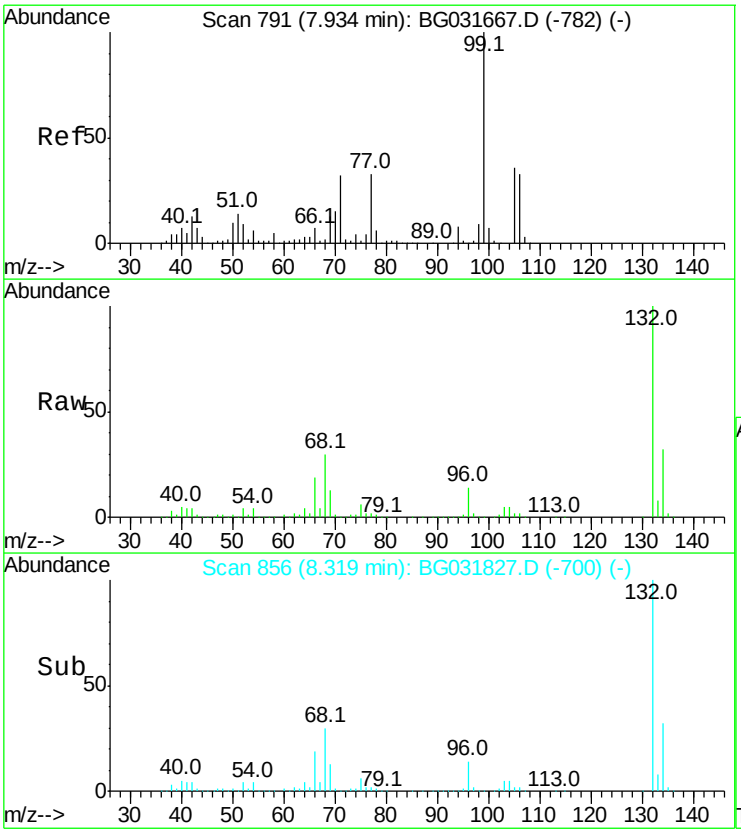
#7
Phenol-d6
Concen: 92.566 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 350154

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	34.4	26.1	39.1

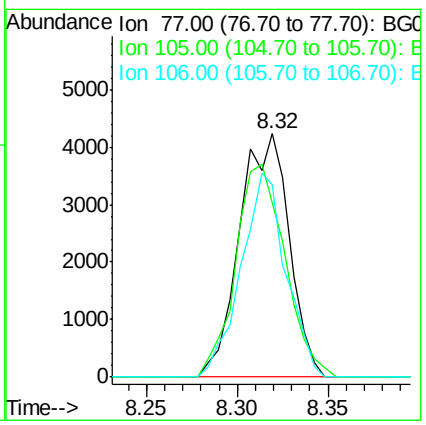


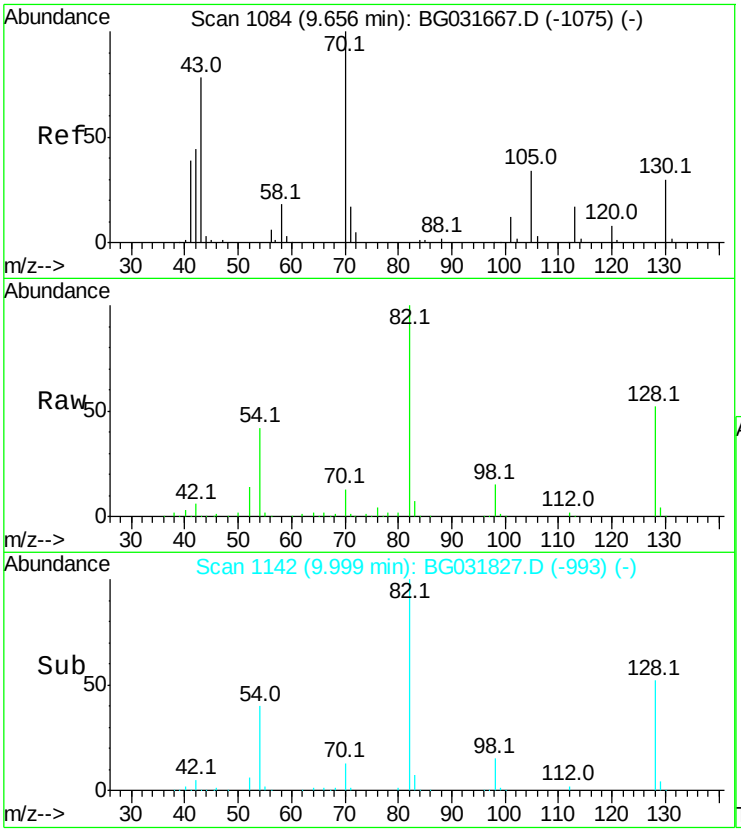


#9
Benzaldehyde
Concen: 3.526 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.38 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion: 77 Resp: 8031

Ion	Ratio	Lower	Upper
77	100		
105	71.9	71.3	111.3
106	78.8	64.2	104.2



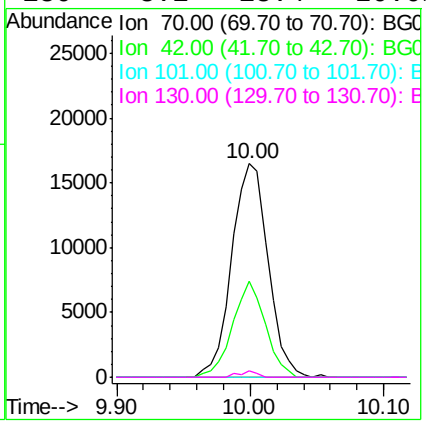


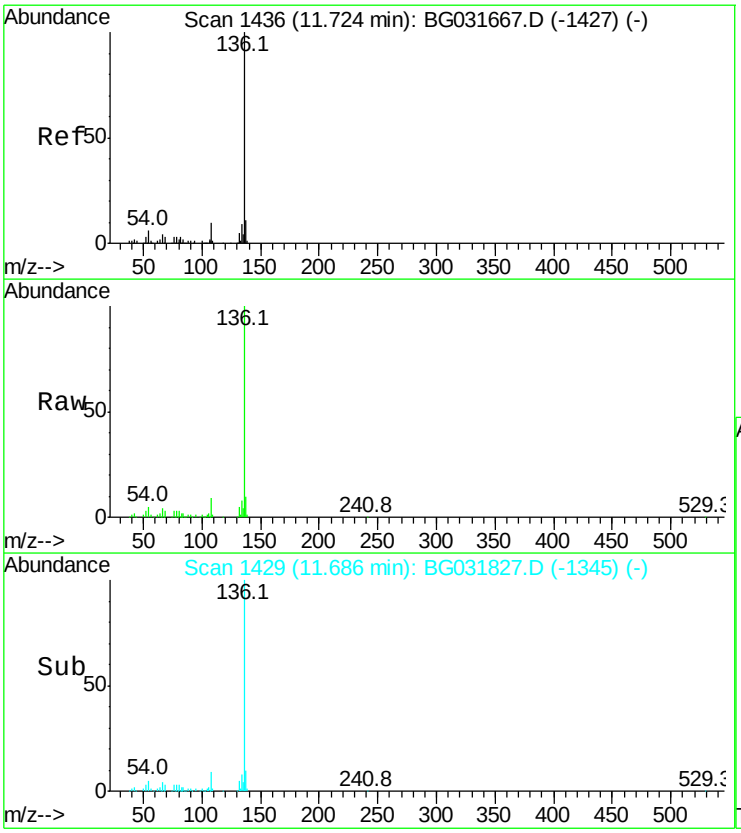
#19
n-Nitroso-di-n-propylamine
Concen: 12.031 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 31081

Ion	Ratio	Lower	Upper
70	100		
42	44.7	49.1	73.7#
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#

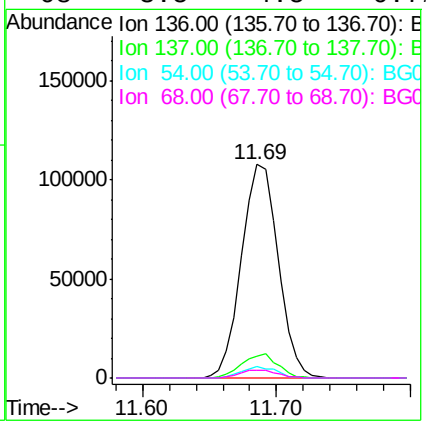


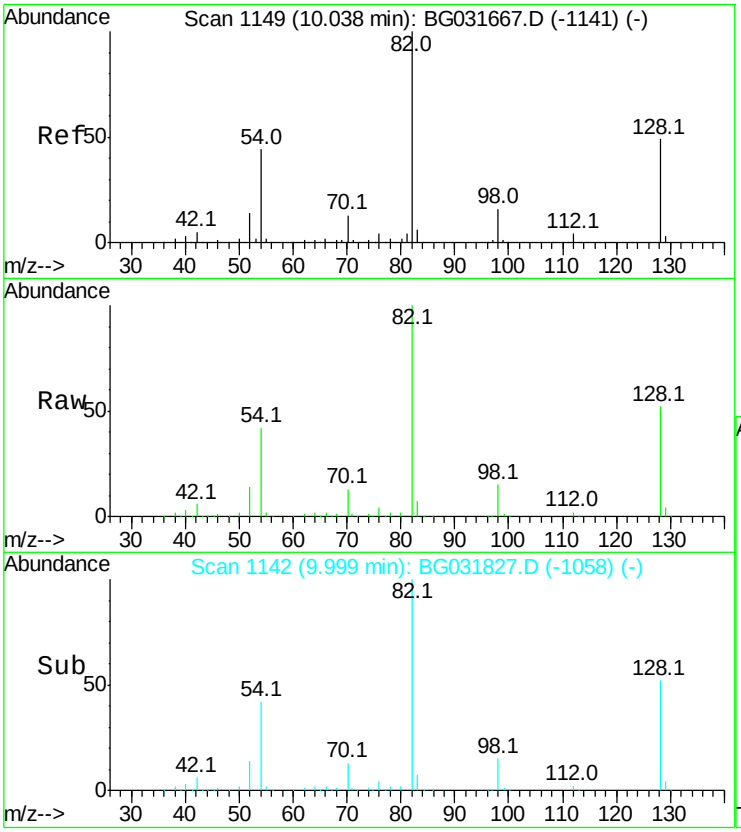


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:136 Resp: 205028

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	5.4	10.3	15.5#
68	3.5	4.5	6.7#



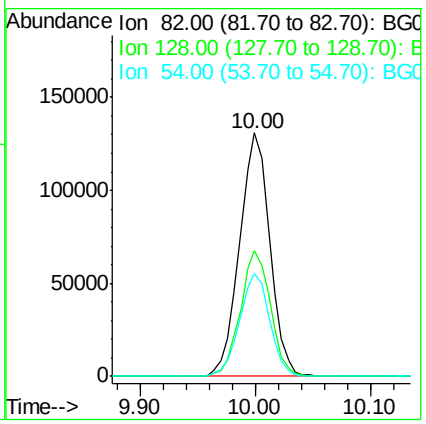


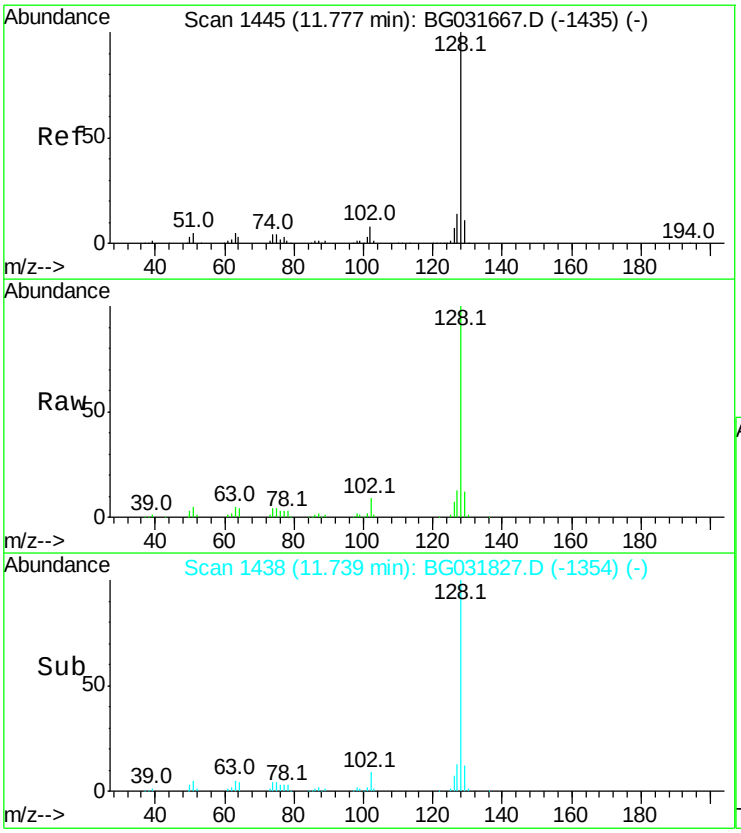
#23
Nitrobenzene-d5
Concen: 87.743 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 238237

Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	42.1	43.1	64.7#

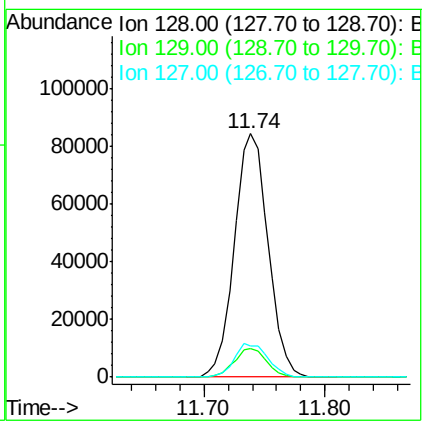


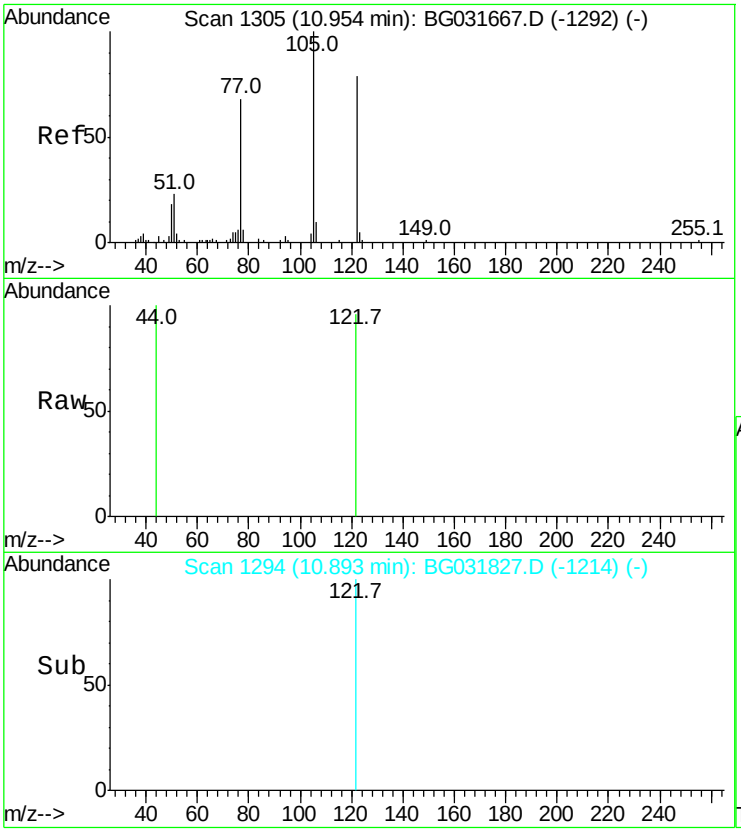


#31
Naphthalene
Concen: 15.846 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:128 Resp: 163958

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.0	11.6	17.4



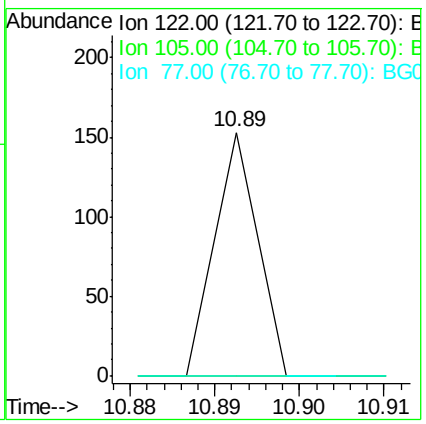


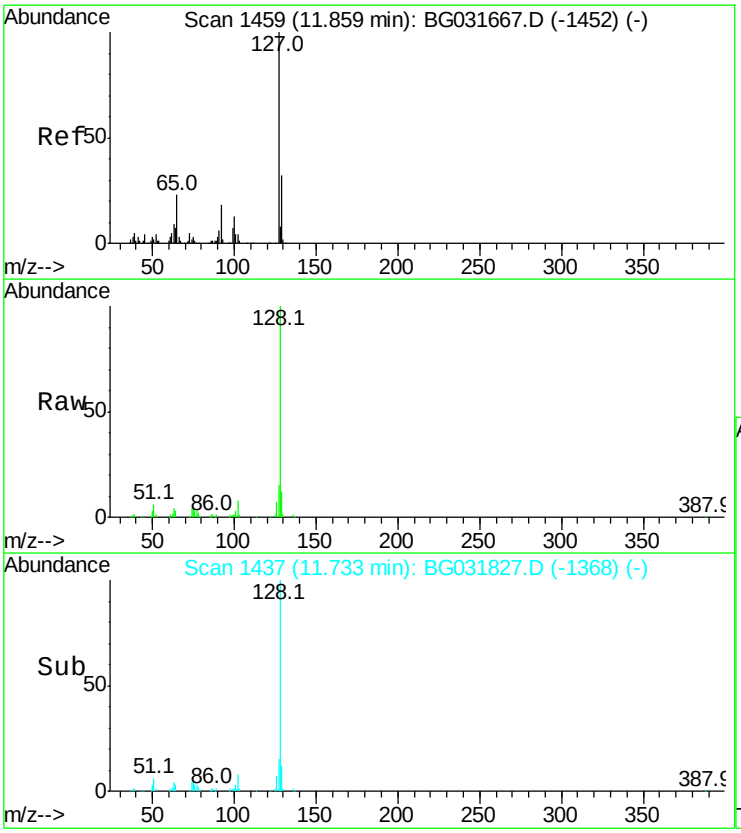
#32
Benzoic acid
Concen: 6.717 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

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

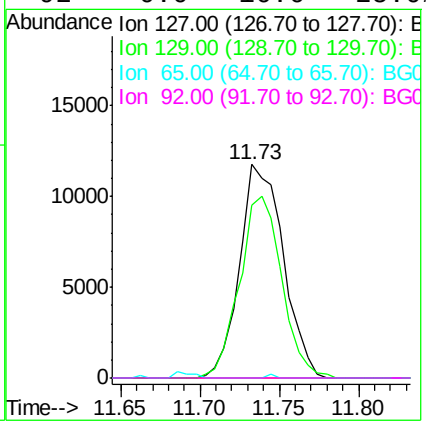


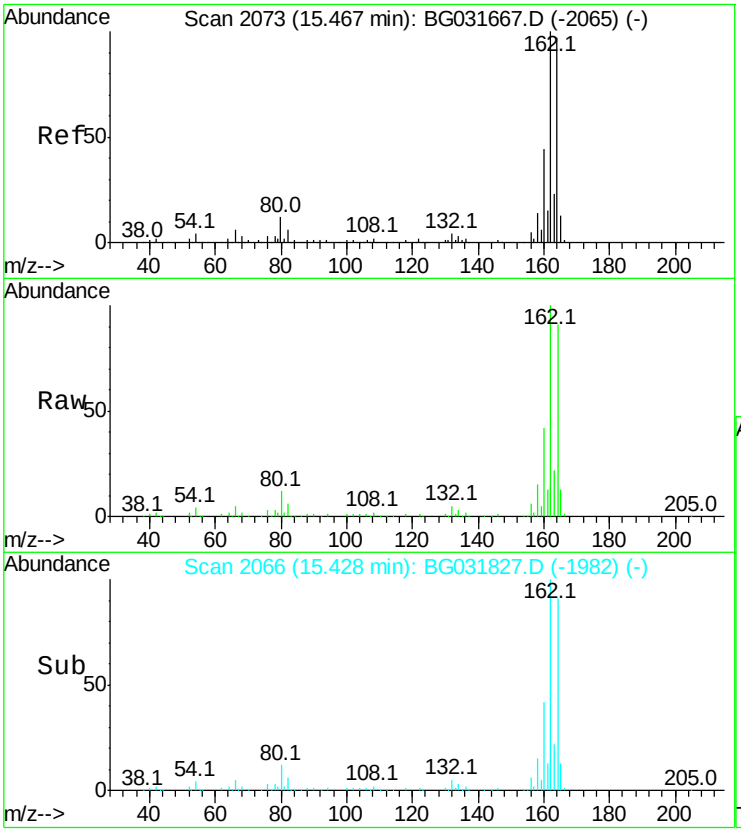


#33
4-Chloroaniline
Concen: 4.890 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.13 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:127 Resp: 22526

Ion	Ratio	Lower	Upper
127	100		
129	80.9	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



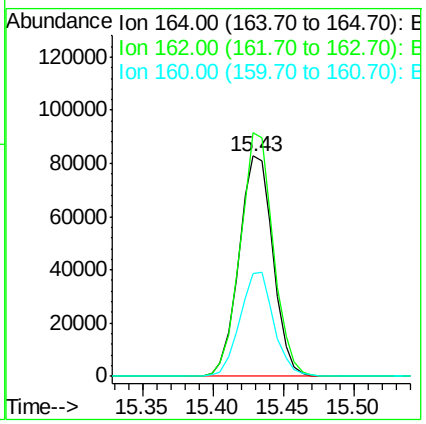


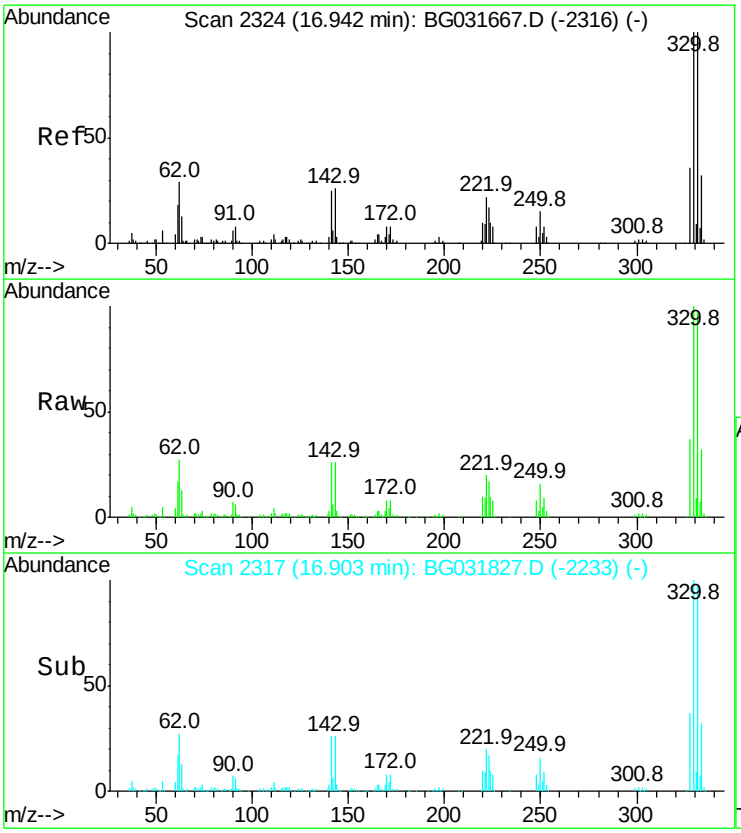
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 139425

Ion	Ratio	Lower	Upper
164	100		
162	110.4	78.8	118.2
160	46.8	35.4	53.0

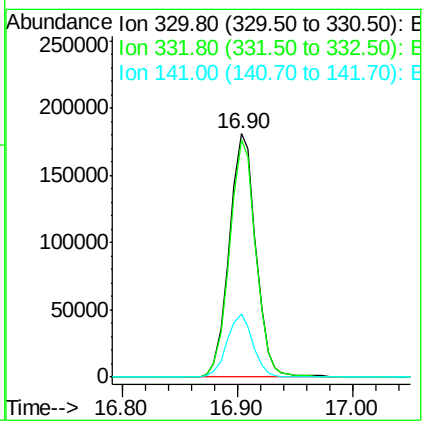


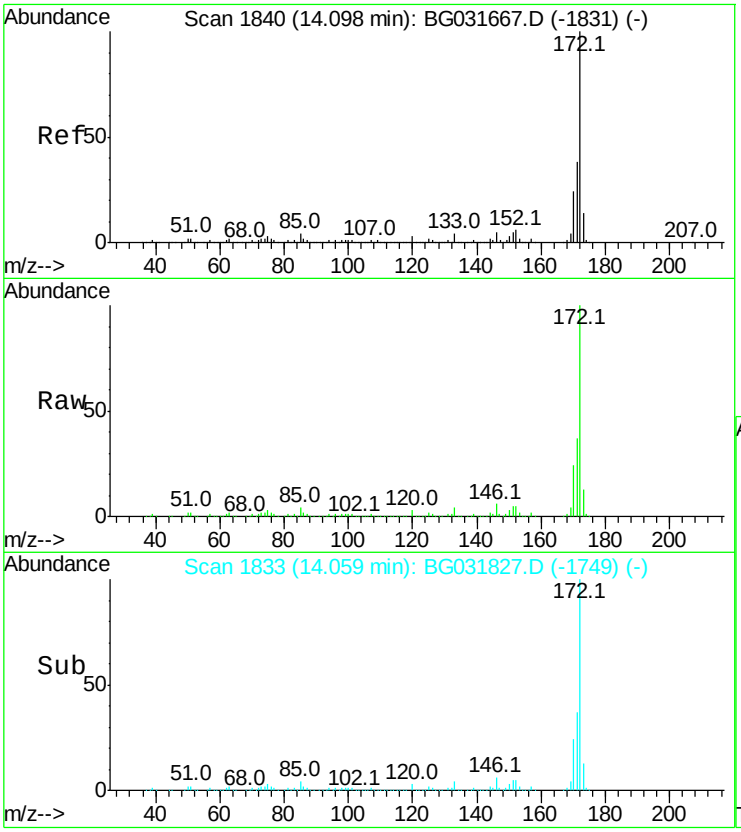


#41
2,4,6-Tribromophenol
Concen: 135.360 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:330 Resp: 287969

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.2	25.2	37.8#



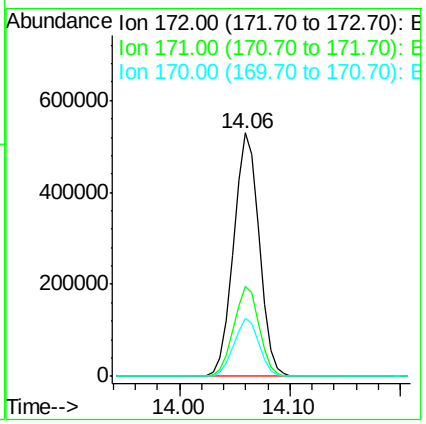


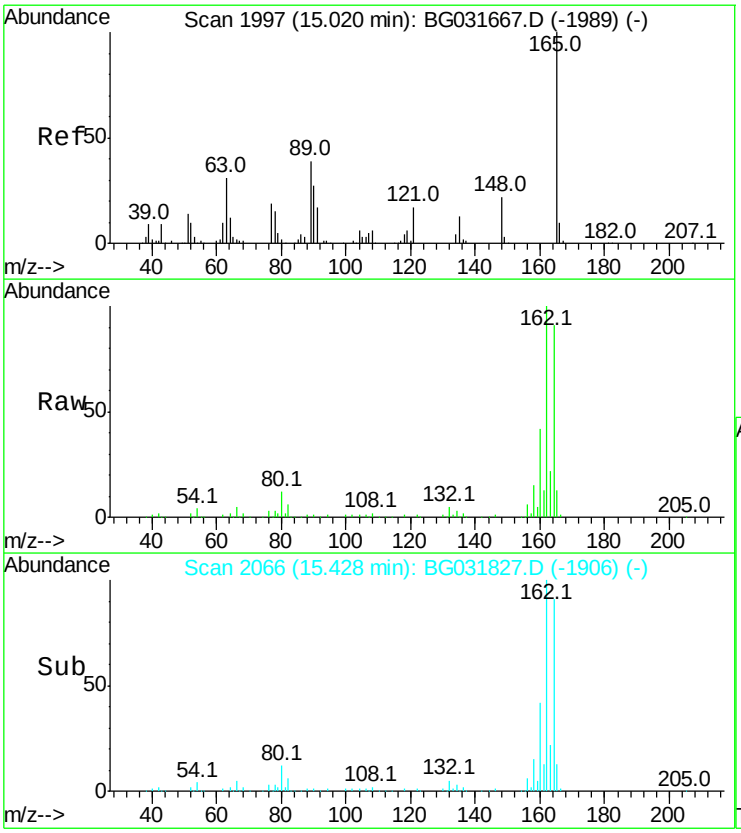
#44
2-Fluorobiphenyl
Concen: 77.588 ng
RT: 14.06 min Scan# 1833
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 861874

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.8	19.5	29.3

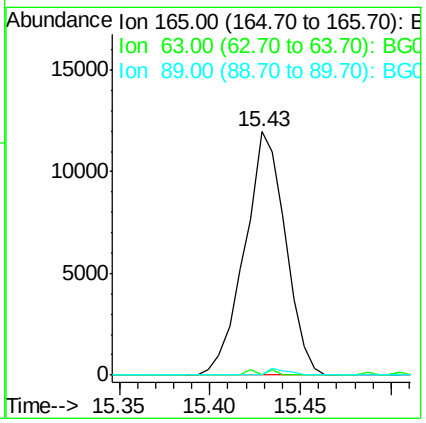


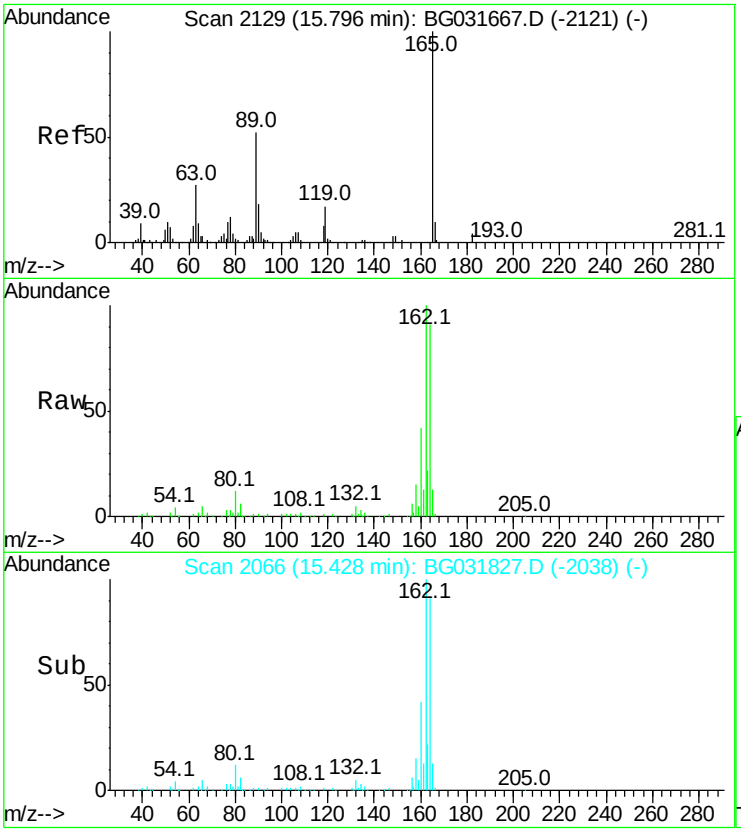


#50
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 15.43 min Scan# 2066
Delta R.T. 0.41 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:165 Resp: 18647

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



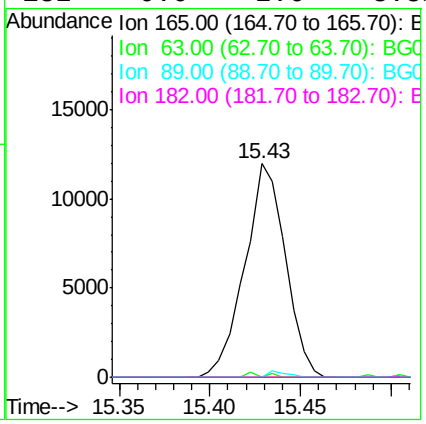


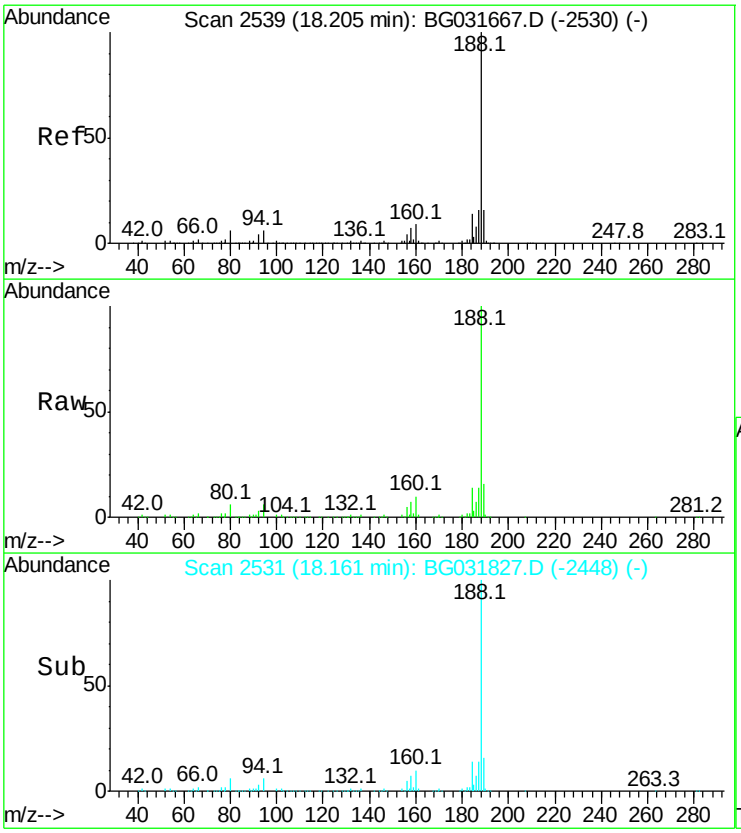
#56
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.37 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18647

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#

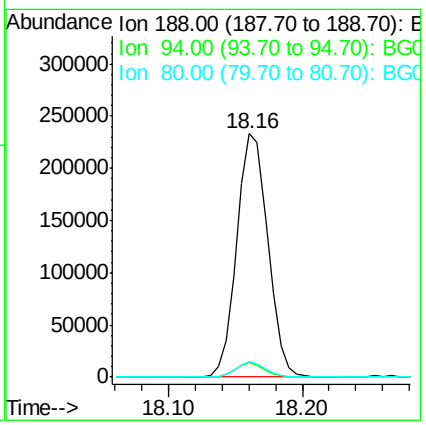


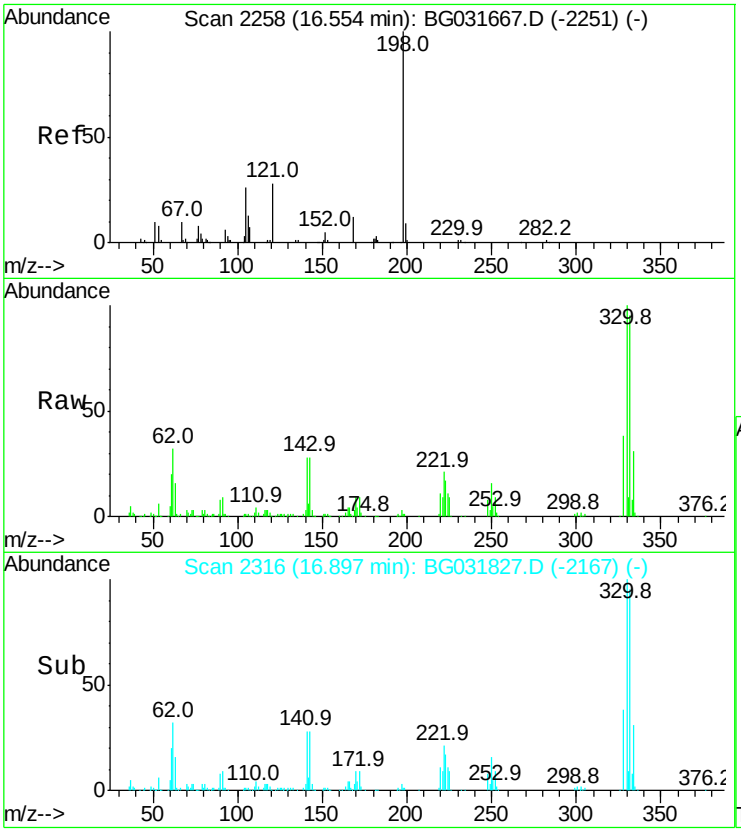


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:188 Resp: 373903

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.3	7.7	11.5#



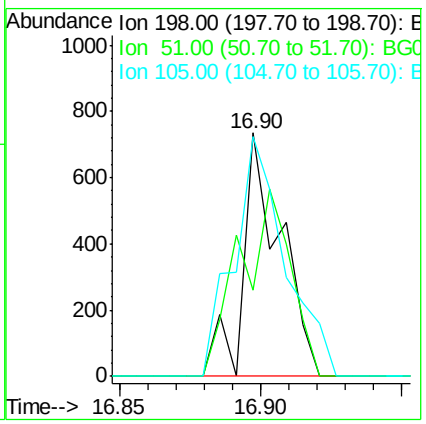


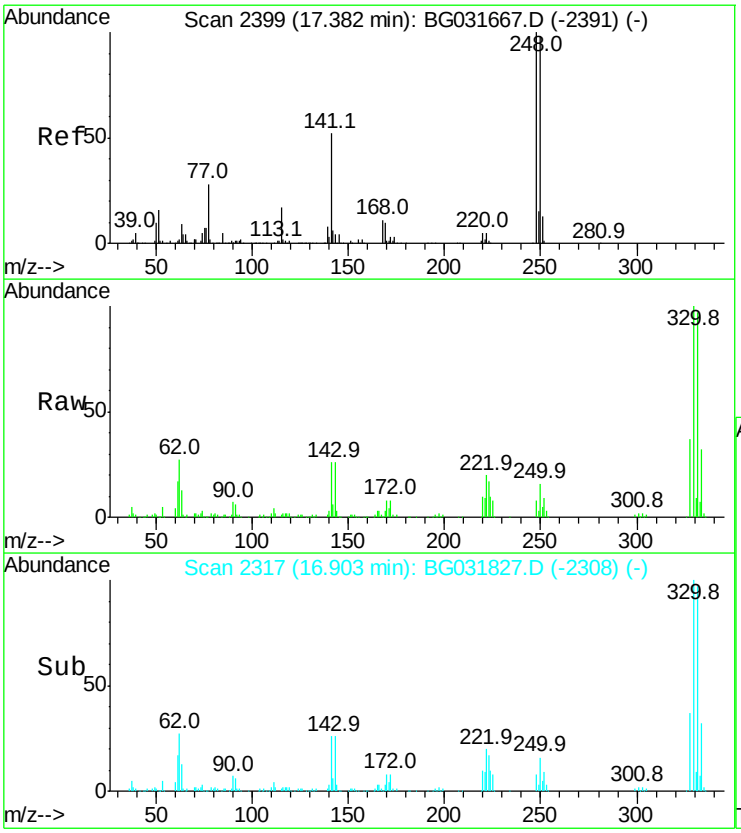
#64
4,6-Dinitro-2-methylphenol
Concen: 8.615 ng
RT: 16.90 min Scan# 2316
Delta R.T. 0.34 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 680

Ion	Ratio	Lower	Upper
198	100		
51	35.2	30.6	70.6
105	98.6	23.8	63.8#

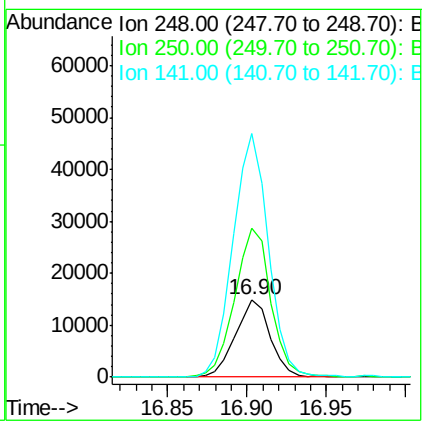


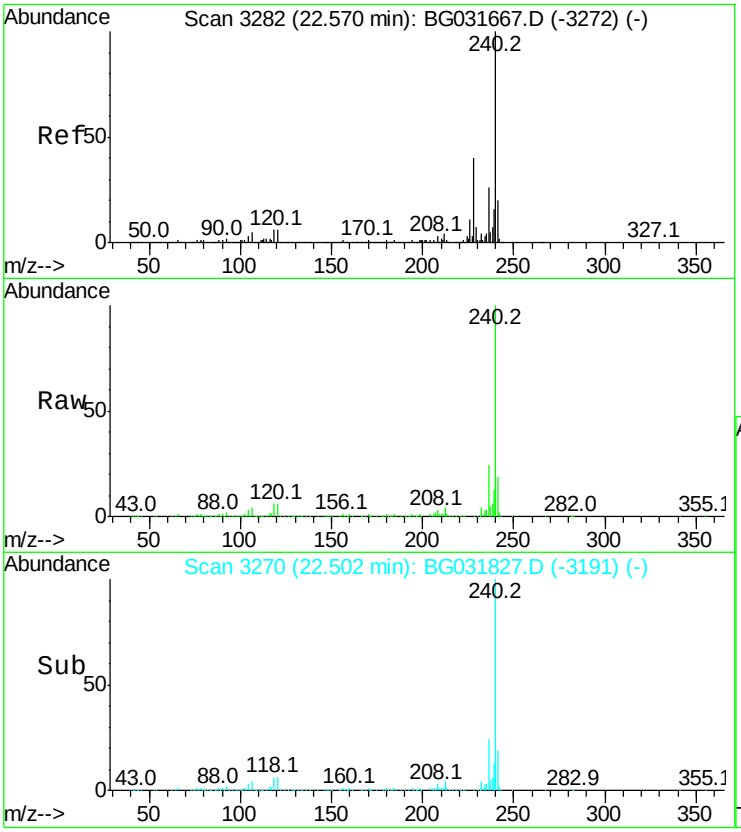


#66
4-Bromophenyl-phenylether
Concen: 4.186 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:248 Resp: 22631

Ion	Ratio	Lower	Upper
248	100		
250	191.4	77.1	115.7#
141	313.2	50.8	76.2#



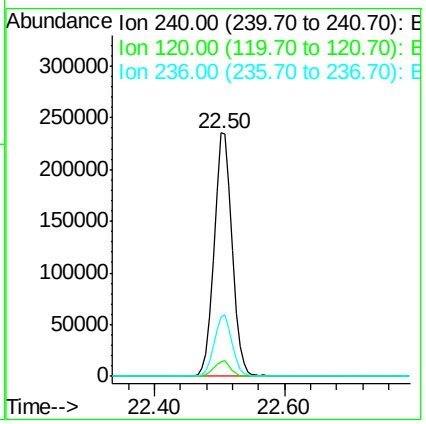


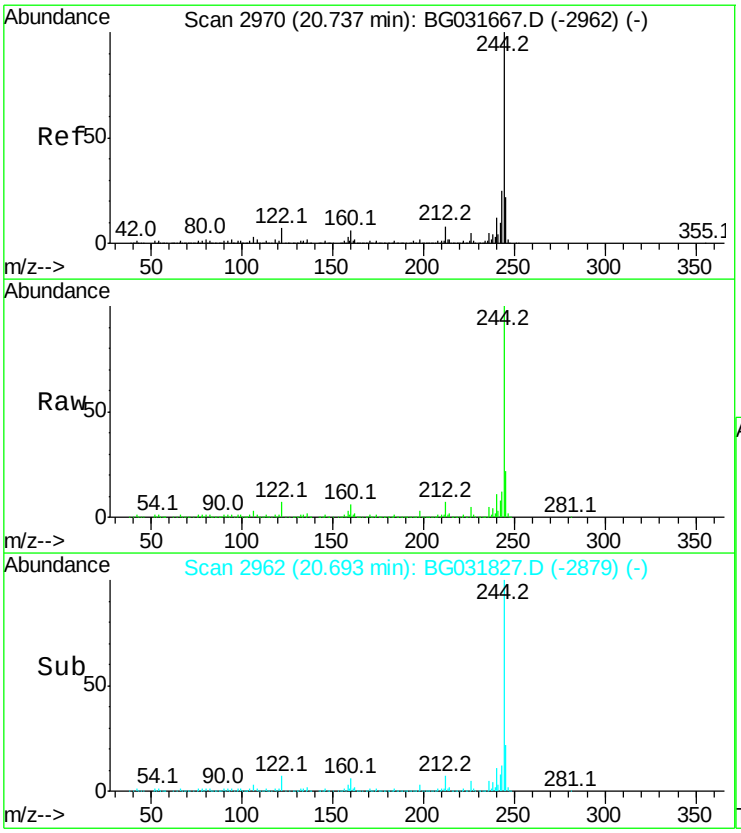
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3270
Delta R.T. -0.07 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 449866

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	24.4	20.9	31.3

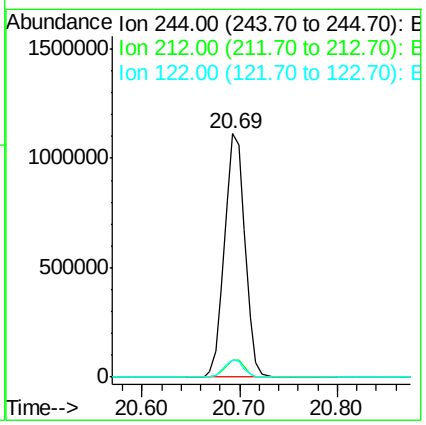


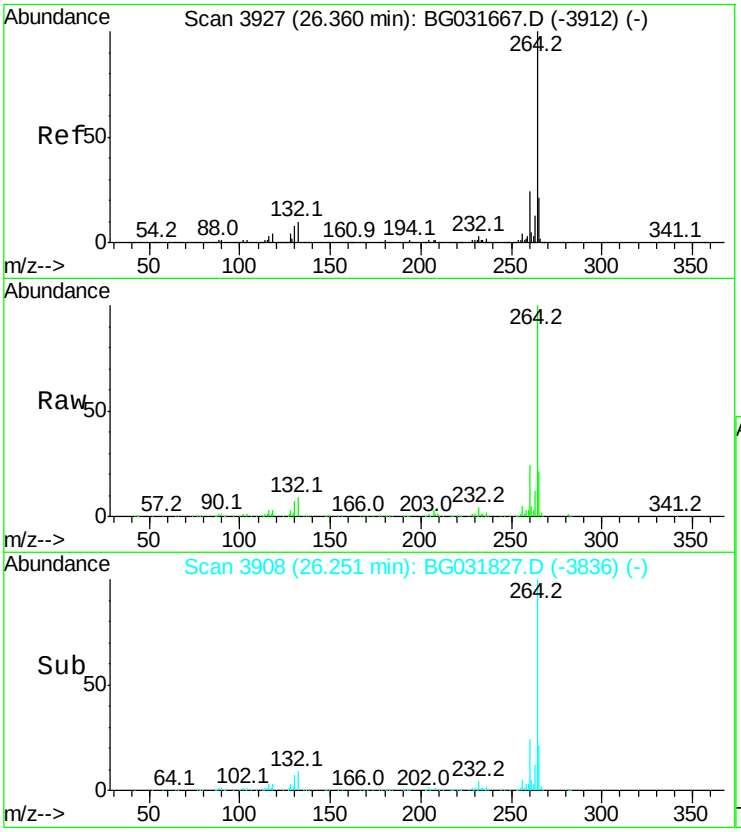


#78
Terphenyl-d14
Concen: 81.924 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.04 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:244 Resp: 1613145

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	6.8	7.0	10.4#

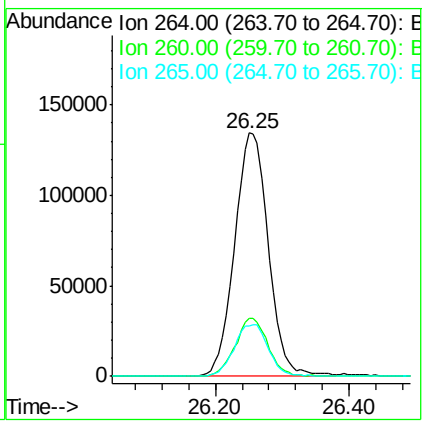




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.25 min Scan# 3908
Delta R.T. -0.11 min
Lab File: BG031827.D
Acq: 28 Dec 2017 16:19

Tgt Ion:264 Resp: 467554

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.9	17.7	26.5



Instrument :
BNA_G
ClientSampleId :