Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031800.D
Acq On : 27 Dec 2017 17:22
Operator : SJ/JU
Sample : I7058-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 28 07:18:53 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	8.81	152	42833	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	183128	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	132011	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	361232	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	443632	20.00	ng		-0.06
86) Perylene-d12	26.26	264	467640	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	73347	31.19	ng		-0.02
7) Phenol-d6	7.90	99	60018	19.66	ng		-0.03
23) Nitrobenzene-d5	10.00	82	193037	79.60	ng		-0.04
41) 2,4,6-Tribromophenol	16.90	330	159256	79.06	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	778528	74.02	ng		-0.03
78) Terphenyl-d14	20.70	244	1447418	74.54	ng		-0.04
Target Compounds							Qvalue
10) Phenol	7.92	94	6281	2.038	ng		91
19) n-Nitroso-di-n-propylamine	10.00	70	25439	12.200	ng	#	75
32) Benzoic acid	11.00	122	55	6.720	ng	#	1
50) 2,6-Dinitrotoluene	15.43	165	17792	8.316	ng	#	20
56) 2,4-Dinitrotoluene	15.43	165	17792	6.467	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.31	198	54	8.331	ng	#	29
66) 4-Bromophenyl-phenylether	16.90	248	12147	2.325	ng	#	1

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

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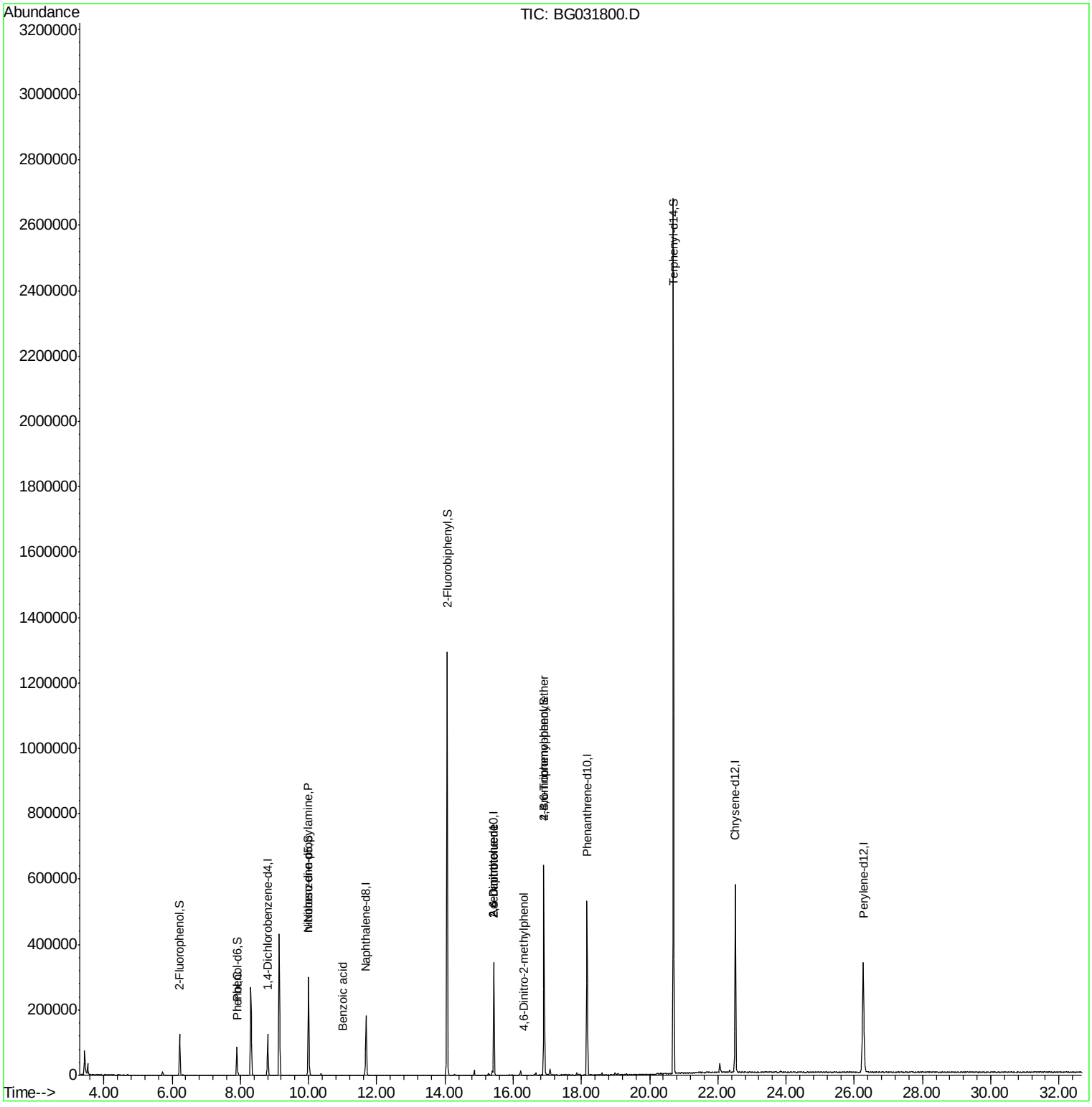
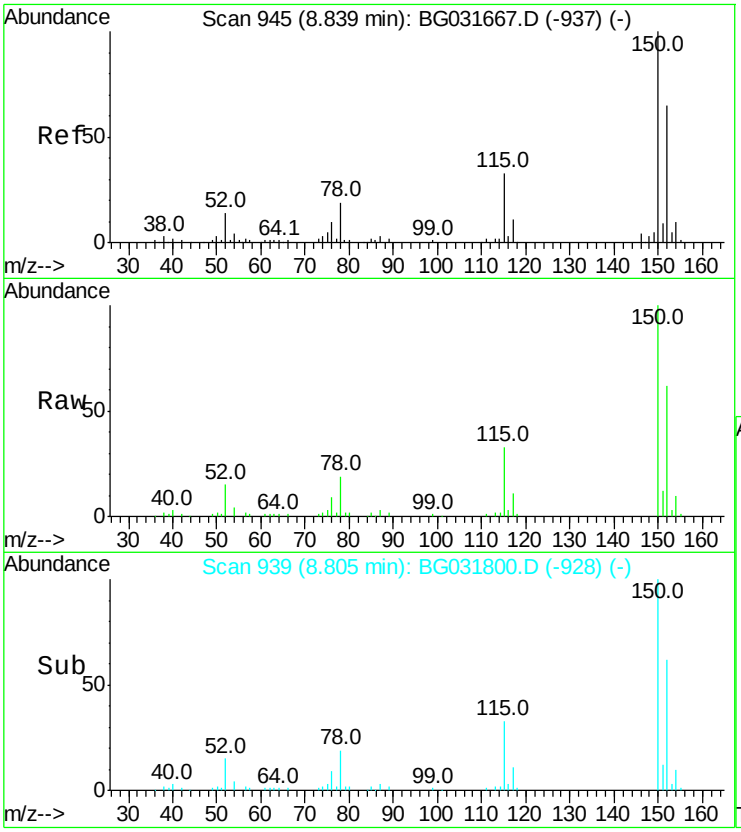


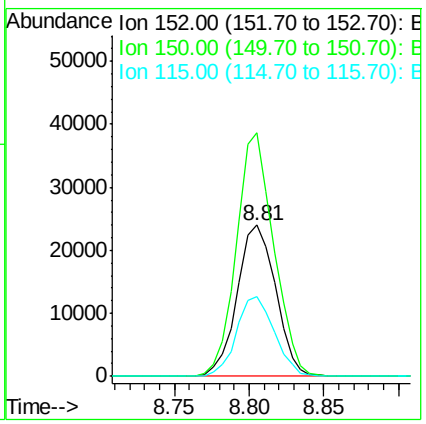


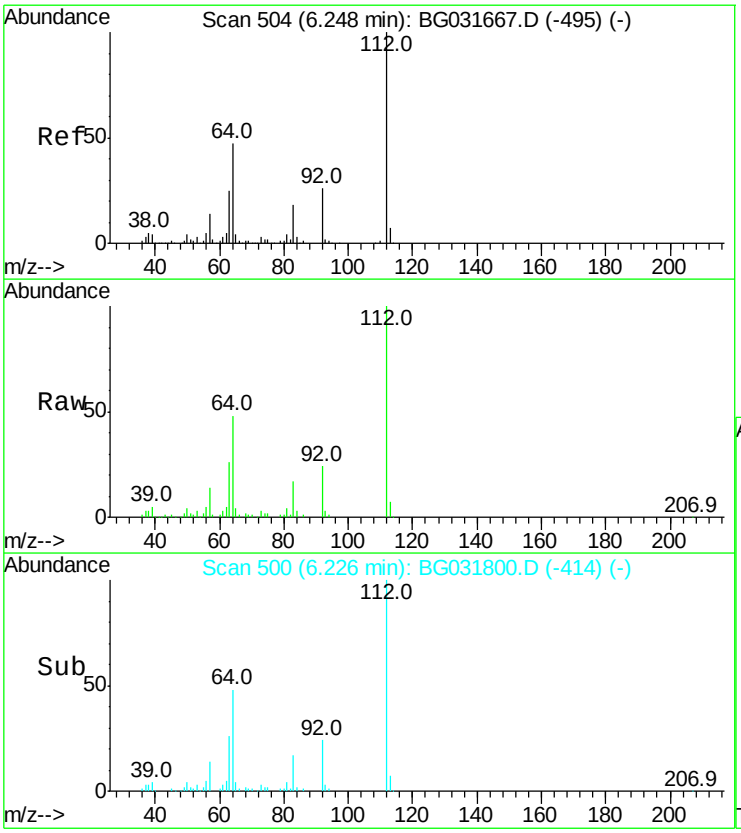
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42833

Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	53.1	53.0	79.4

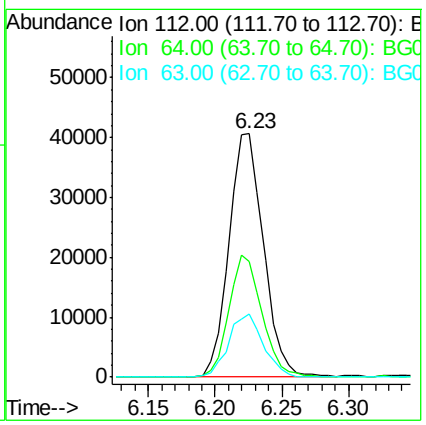


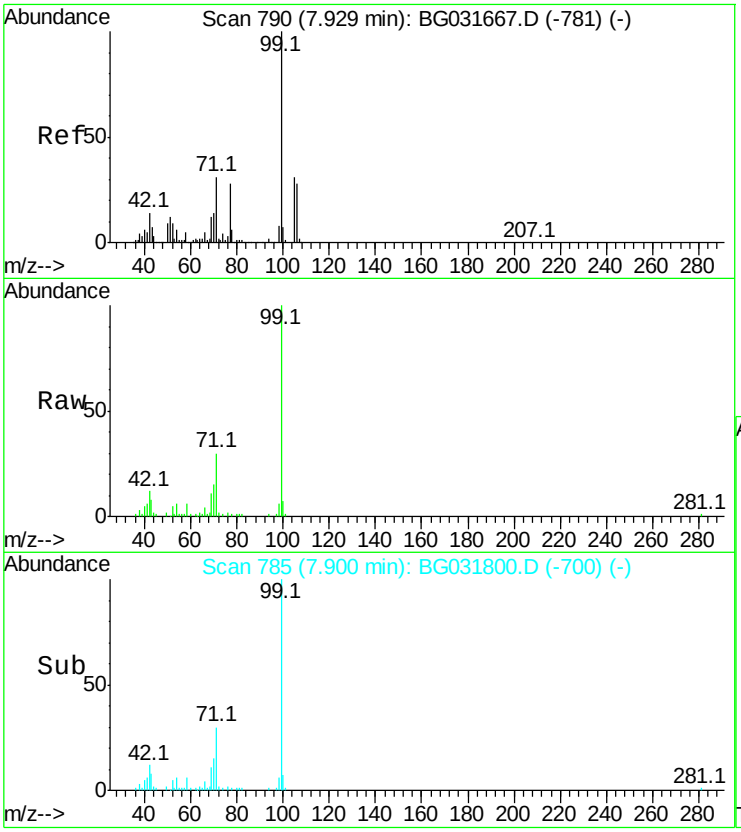


#5
2-Fluorophenol
Concen: 31.189 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:112 Resp: 73347

Ion	Ratio	Lower	Upper
112	100		
64	47.5	56.3	84.5#
63	26.0	30.1	45.1#



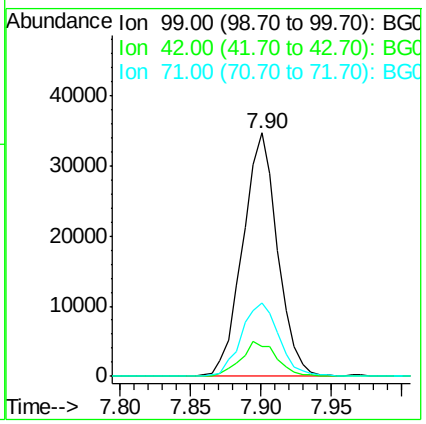


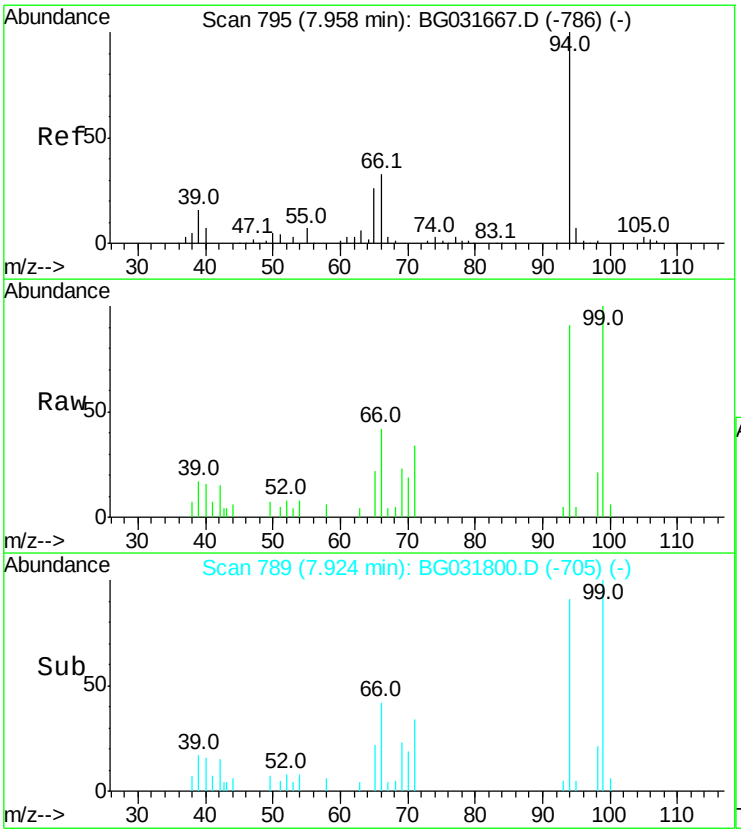
#7
Phenol-d6
Concen: 19.657 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 60018

Ion	Ratio	Lower	Upper
99	100		
42	12.1	14.1	21.1#
71	30.0	26.1	39.1

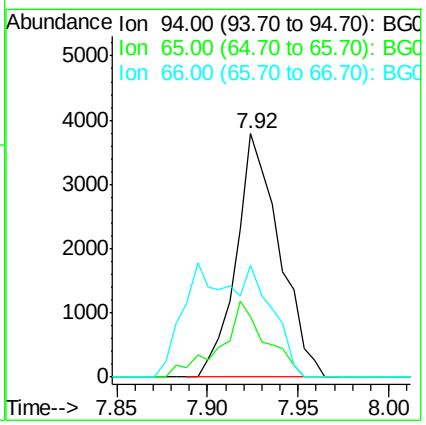


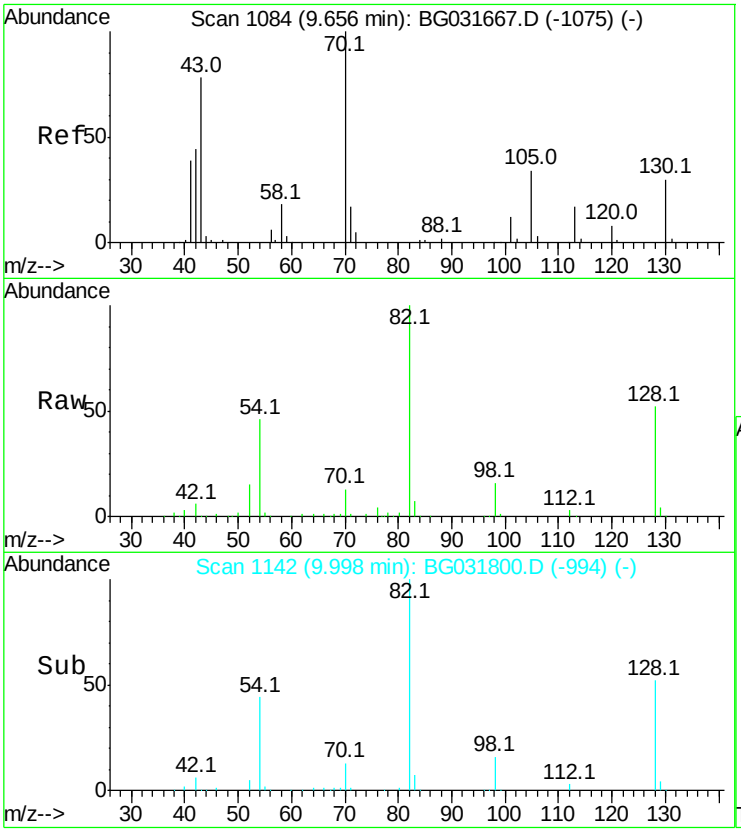


#10
Phenol
Concen: 2.038 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion: 94 Resp: 6281

Ion	Ratio	Lower	Upper
94	100		
65	24.6	11.9	51.9
66	45.9	22.2	62.2



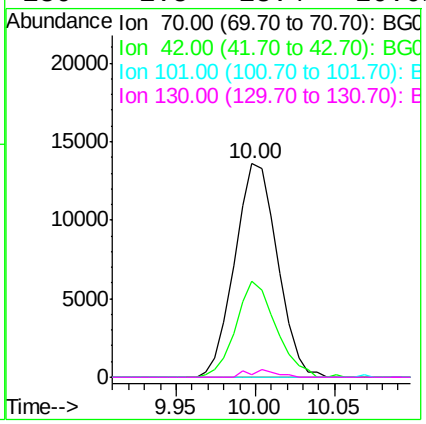


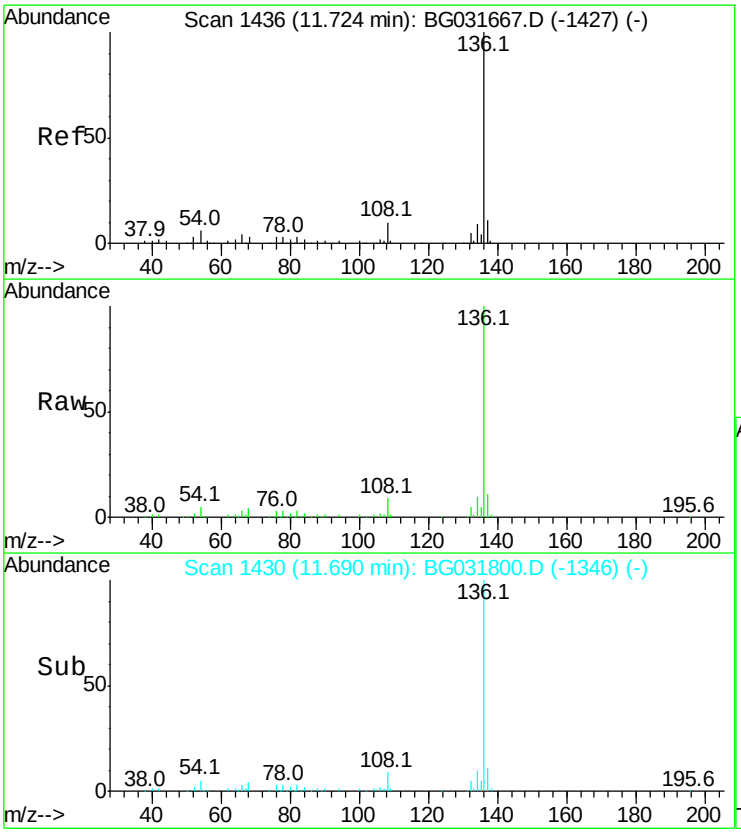
#19
n-Nitroso-di-n-propylamine
Concen: 12.200 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 25439

Ion	Ratio	Lower	Upper
70	100		
42	45.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

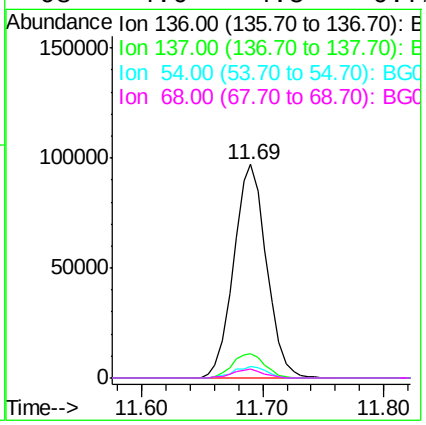


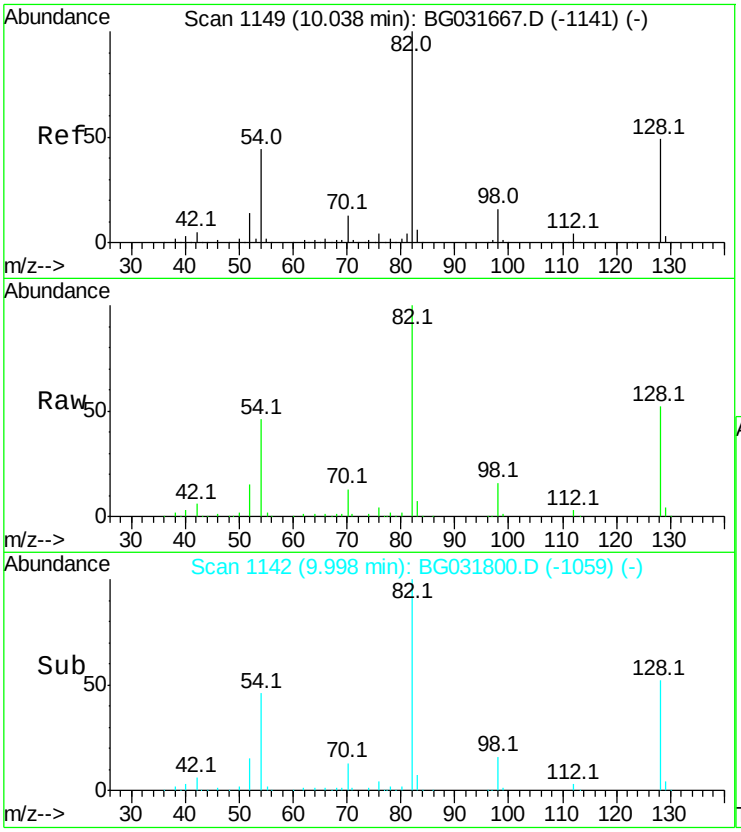


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:136 Resp: 183128

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.4	10.3	15.5#
68	4.0	4.5	6.7#



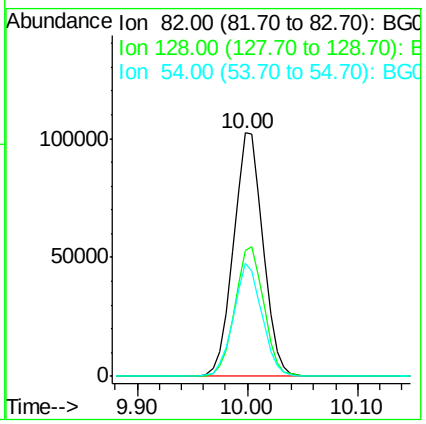


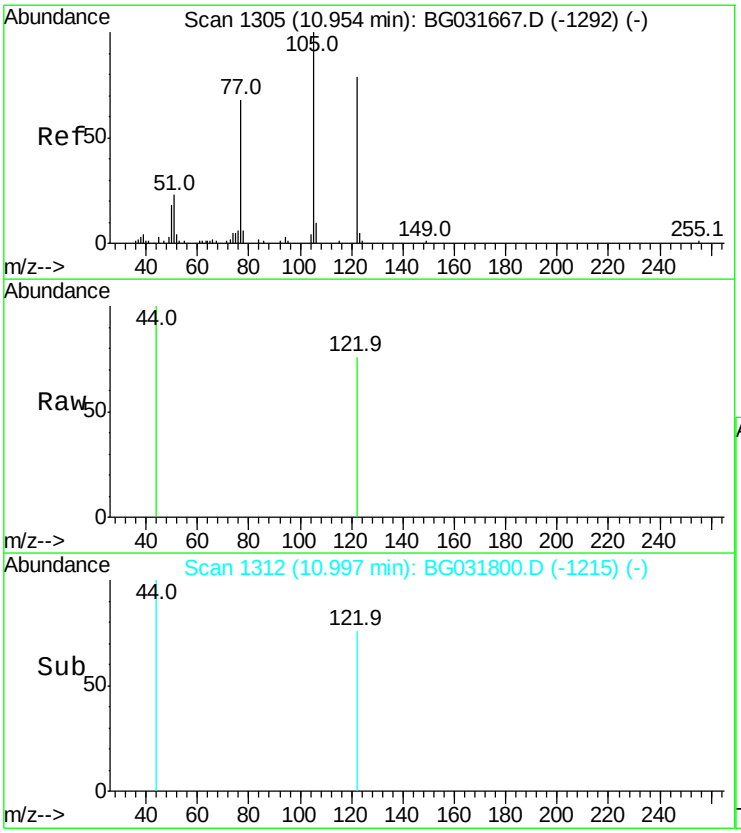
#23
Nitrobenzene-d5
Concen: 79.598 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 193037

Ion	Ratio	Lower	Upper
82	100		
128	51.6	29.7	44.5#
54	46.2	43.1	64.7

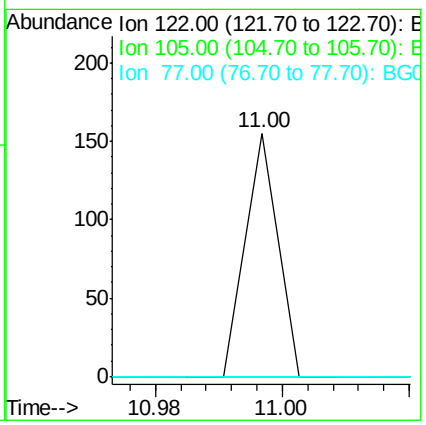


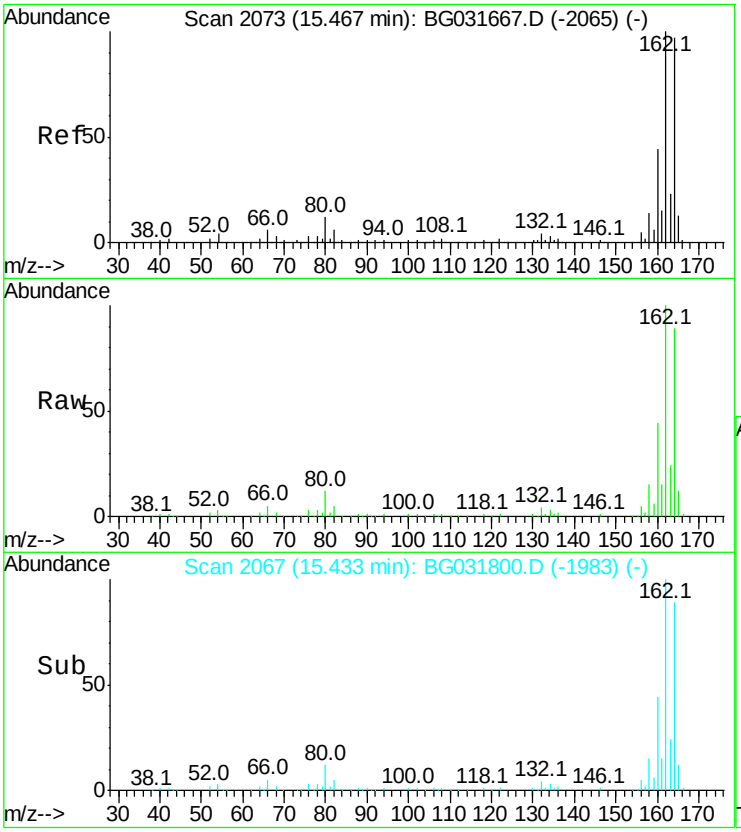


#32
Benzoic acid
Concen: 6.720 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:122 Resp: 55

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



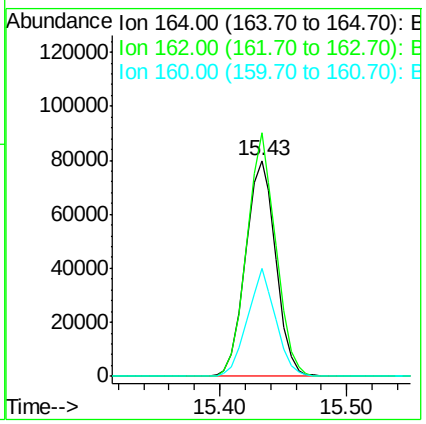


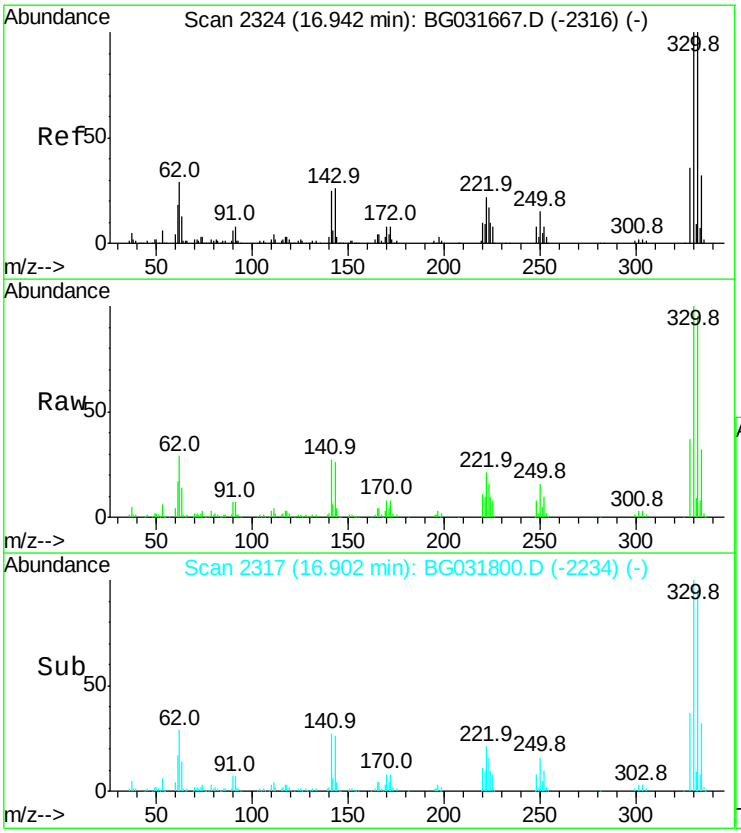
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 132011

Ion	Ratio	Lower	Upper
164	100		
162	112.8	78.8	118.2
160	50.1	35.4	53.0

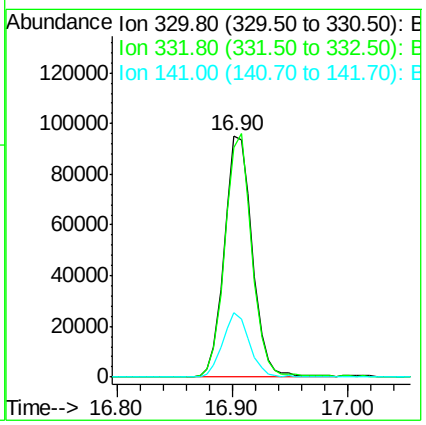


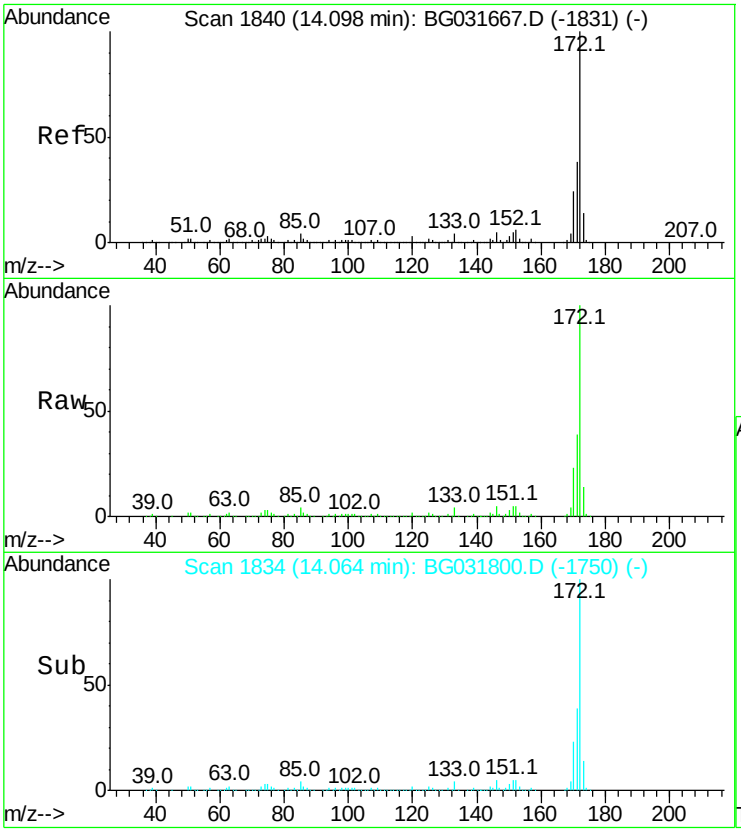


#41
2,4,6-Tribromophenol
Concen: 79.063 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:330 Resp: 159256

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	25.6	25.2	37.8



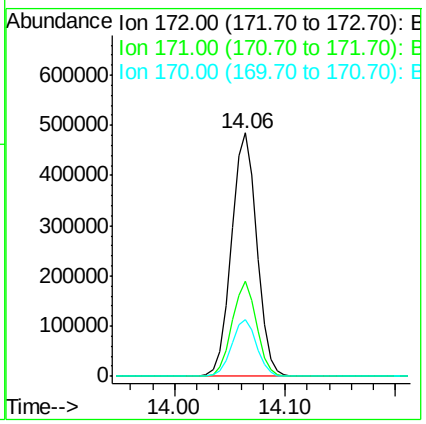


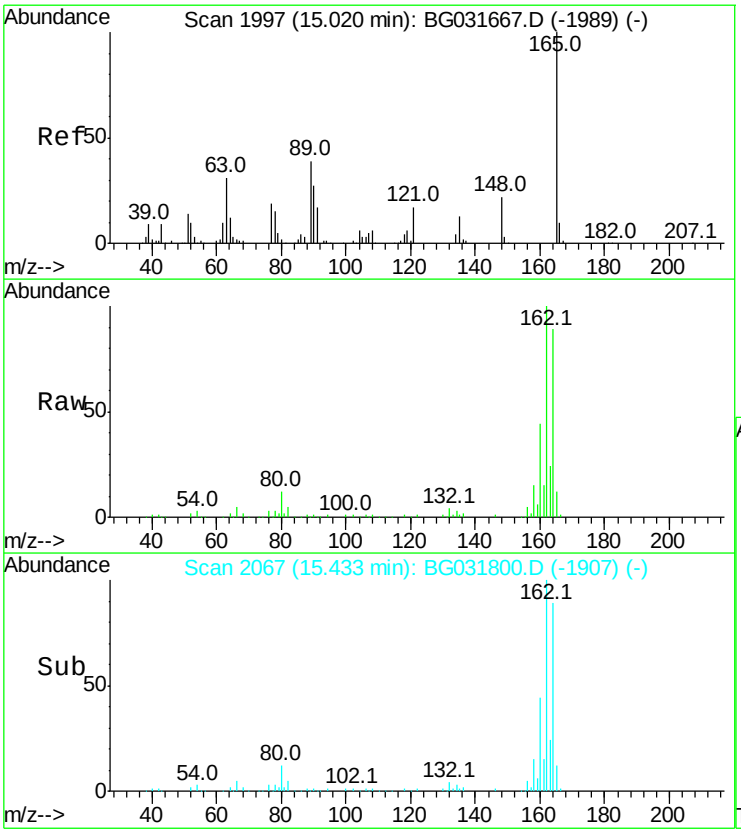
#44
2-Fluorobiphenyl
Concen: 74.021 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 778528

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	23.5	19.5	29.3

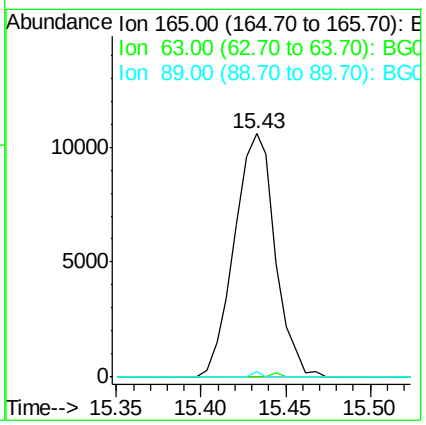


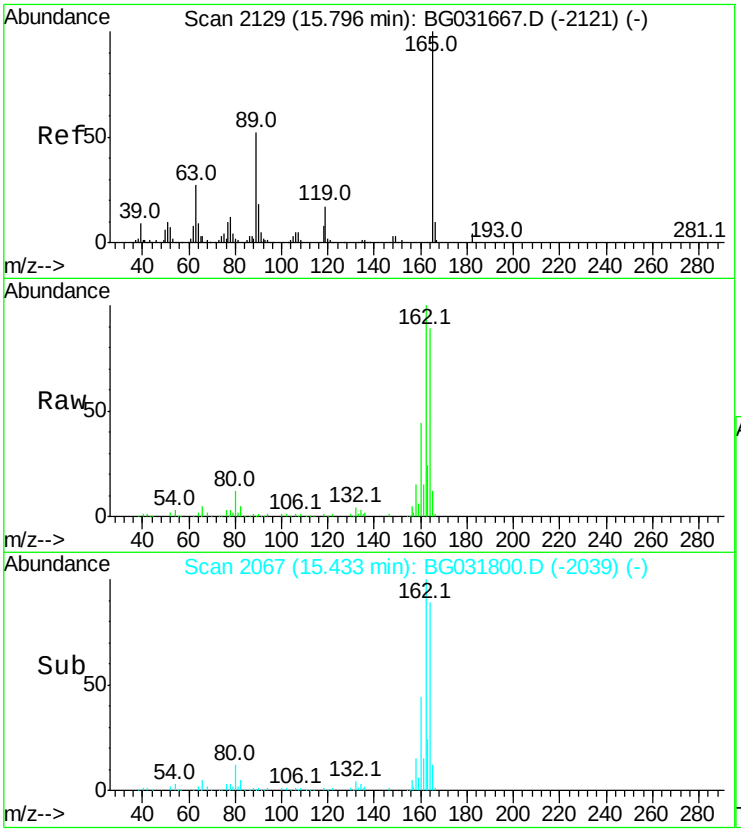


#50
2,6-Dinitrotoluene
Concen: 8.316 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:165 Resp: 17792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



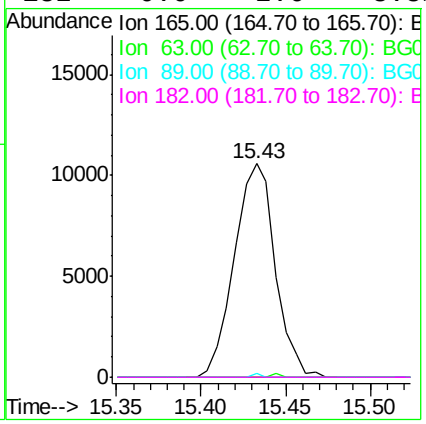


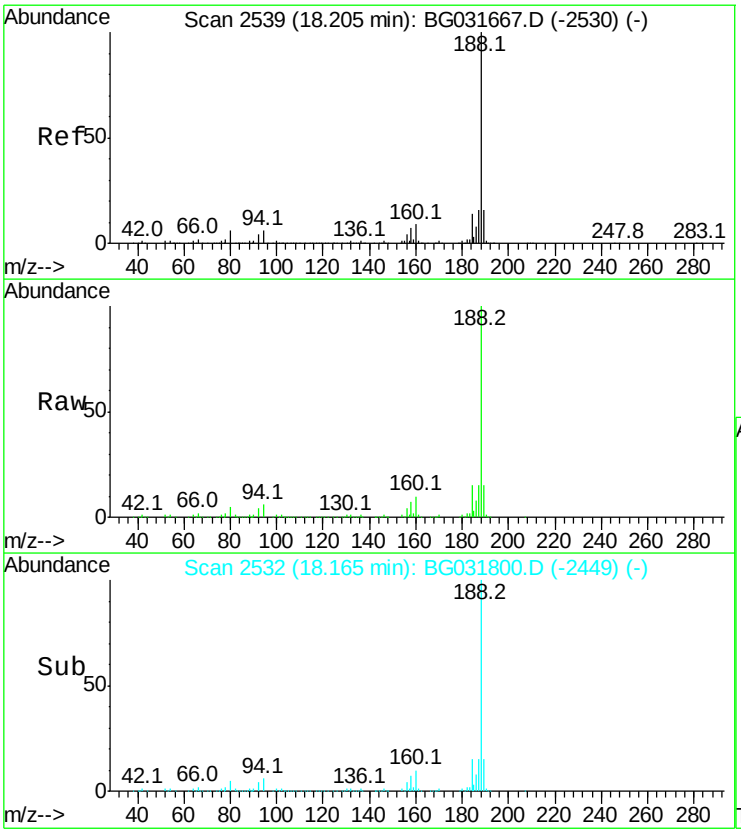
#56
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

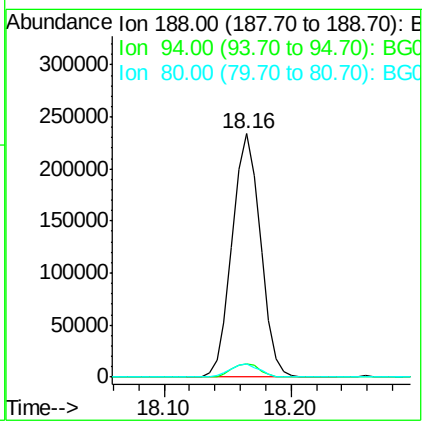


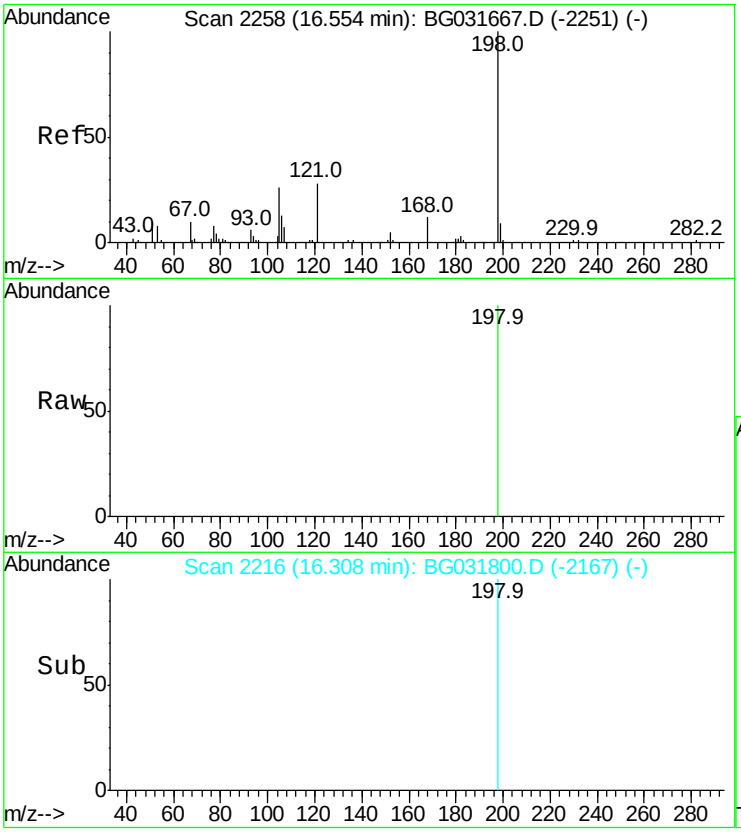


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:188 Resp: 361232

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.2	7.7	11.5#



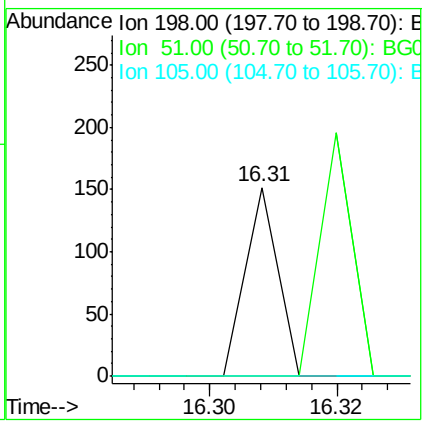


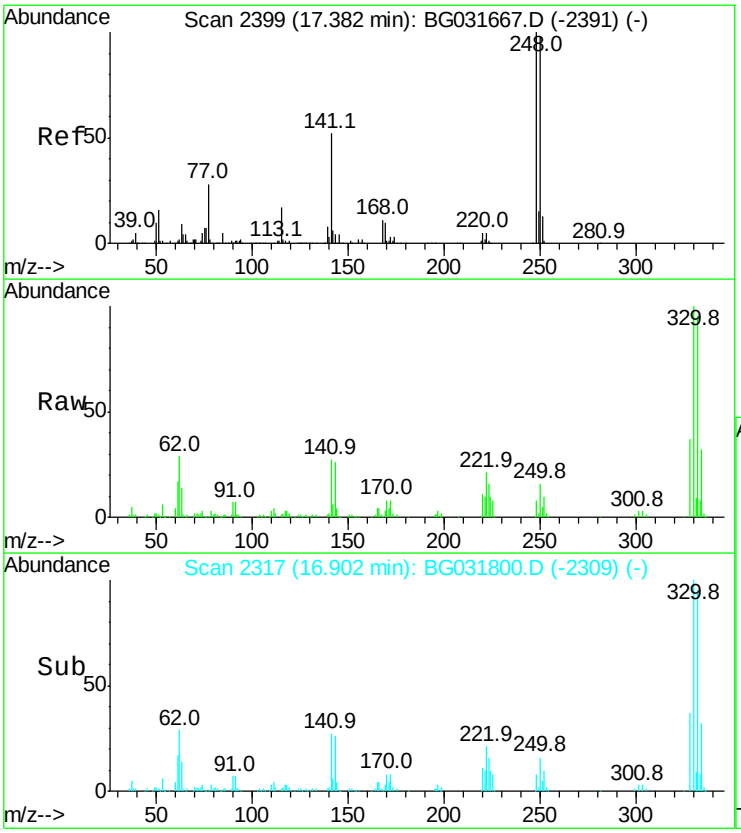
#64
4,6-Dinitro-2-methylphenol
Concen: 8.331 ng
RT: 16.31 min Scan# 2216
Delta R.T. -0.24 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

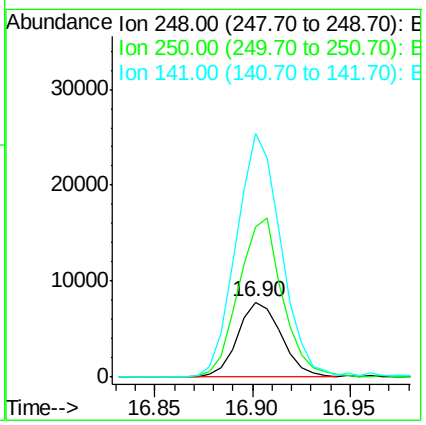


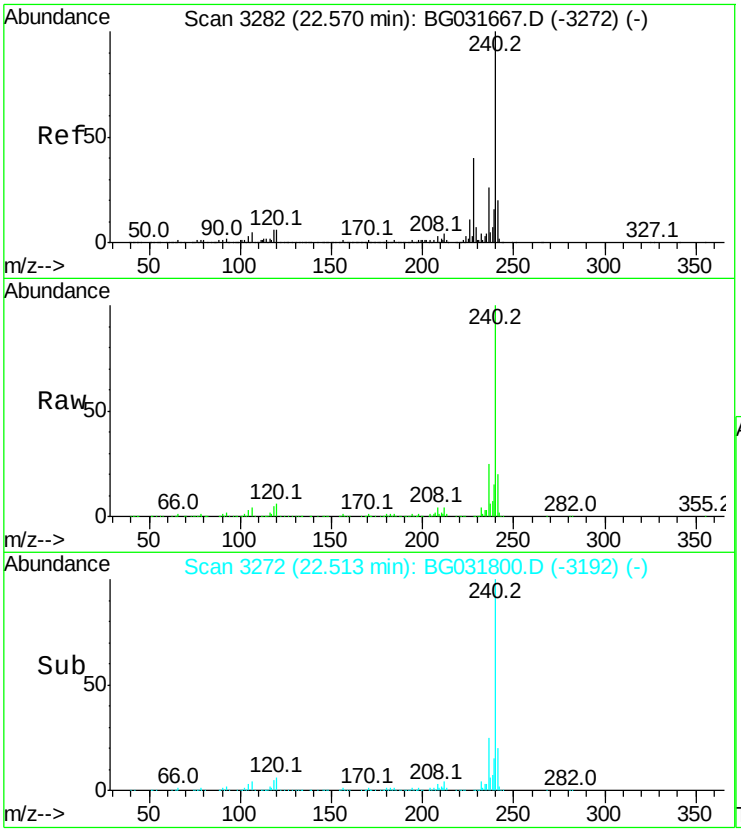


#66
4-Bromophenyl-phenylether
Concen: 2.325 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:248 Resp: 12147

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.1	115.7#
141	324.9	50.8	76.2#



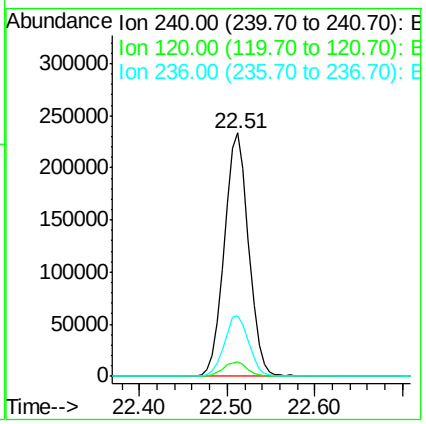


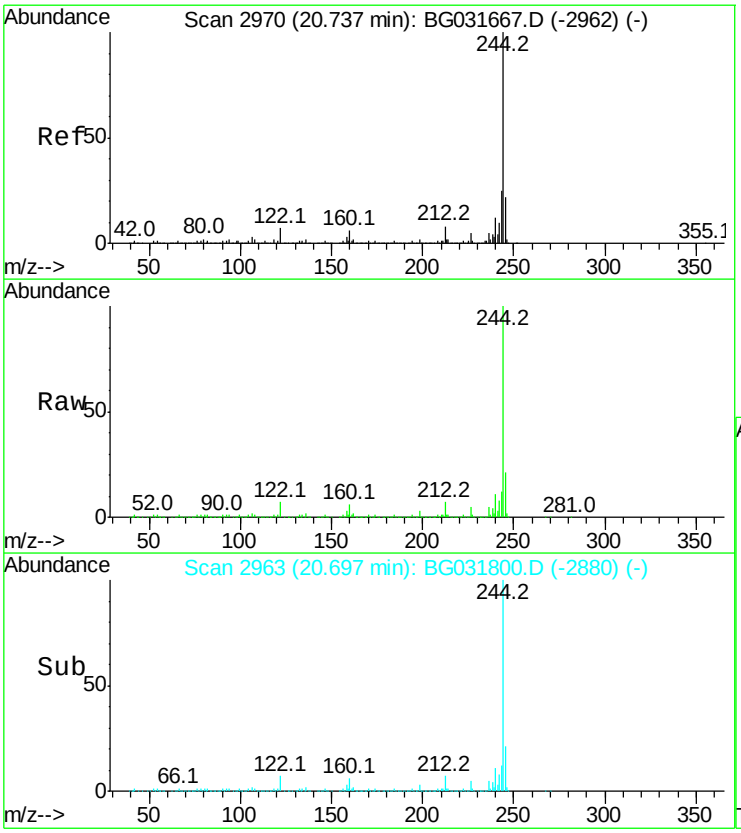
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 443632

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	24.8	20.9	31.3

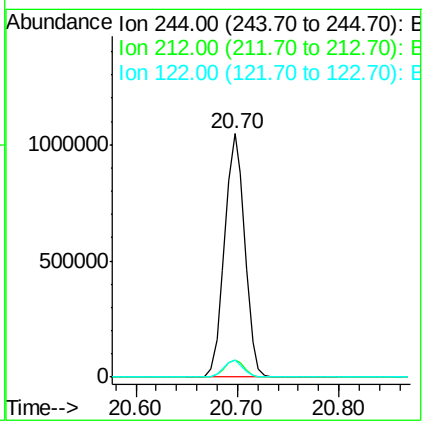


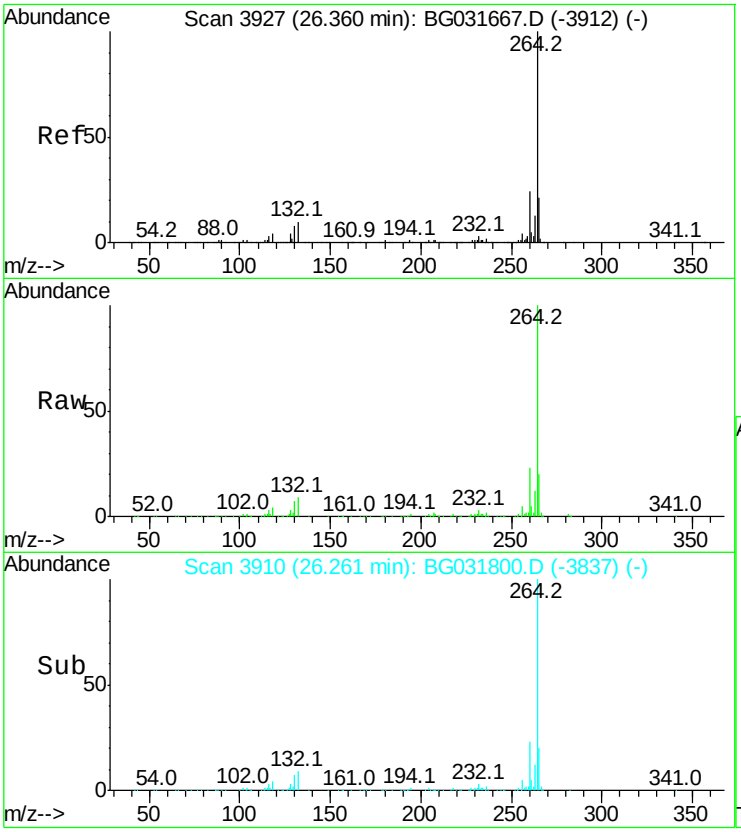


#78
Terphenyl-d14
Concen: 74.540 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:244 Resp: 1447418

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

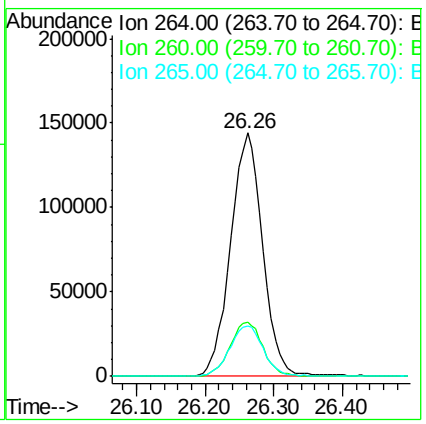




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031800.D
Acq: 27 Dec 2017 17:22

Tgt Ion:264 Resp: 467640

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.4	17.7	26.5



Instrument :
BNA_G
ClientSampleId :