Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031789.D
Acq On : 27 Dec 2017 9:00
Operator : SJ/JU
Sample : I7009-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 27 10:02:20 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	42002	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	173322	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	129333	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	350593	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	420981	20.00	ng		-0.06
86) Perylene-d12	26.26	264	446135	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	87029	37.74	ng		-0.03
7) Phenol-d6	7.90	99	71332	23.82	ng		-0.03
23) Nitrobenzene-d5	10.00	82	207305	90.32	ng		-0.04
41) 2,4,6-Tribromophenol	16.90	330	185648	94.07	ng		-0.04
44) 2-Fluorobiphenyl	14.07	172	832974	80.84	ng		-0.03
78) Terphenyl-d14	20.69	244	1542444	83.71	ng		-0.04
Target Compounds							Qvalue
10) Phenol	7.93	94	7932	2.624	ng		88
19) n-Nitroso-di-n-propylamine	10.00	70	26721	13.068	ng	#	75
49) Dimethylphthalate	14.86	163	25363	2.226	ng	#	94
50) 2,6-Dinitrotoluene	15.43	165	16948	8.086	ng	#	18
56) 2,4-Dinitrotoluene	15.43	165	16948	6.288	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.90	198	401	8.500	ng	#	29
66) 4-Bromophenyl-phenylether	16.90	248	14953	2.949	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Dec 2017 9:00
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Misc :
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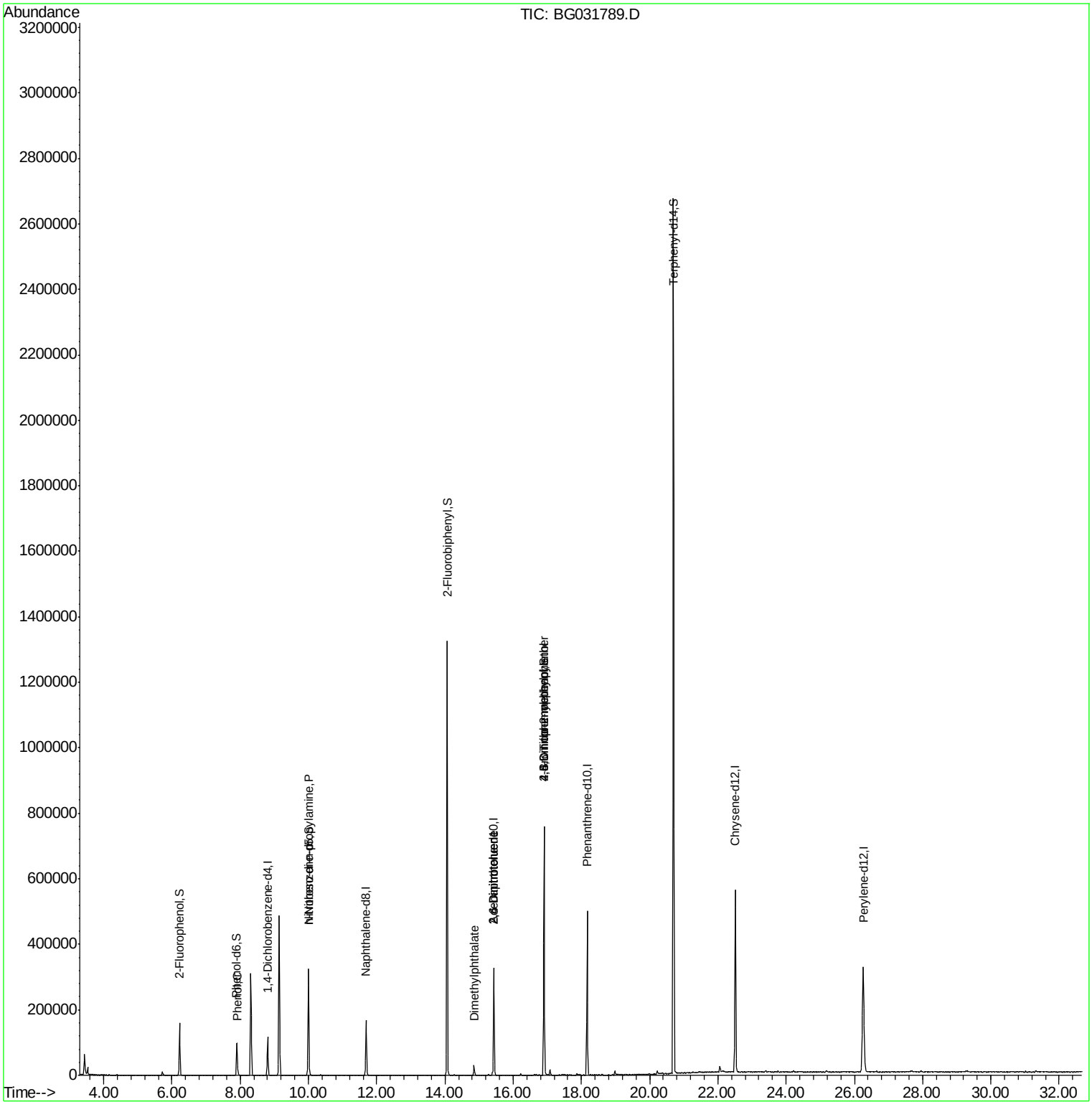
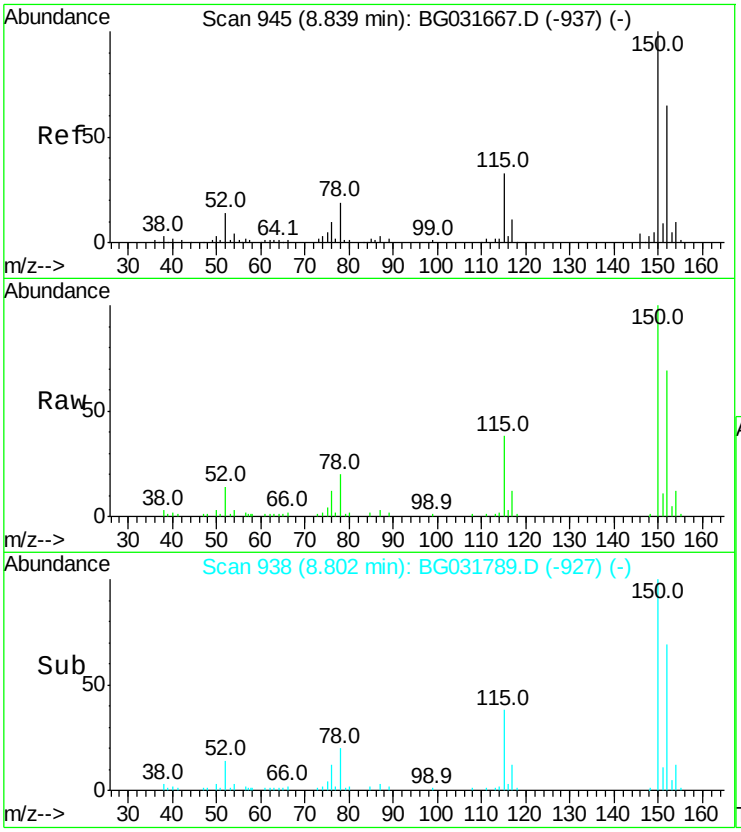


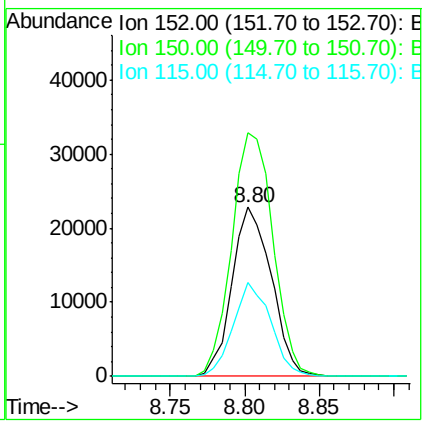


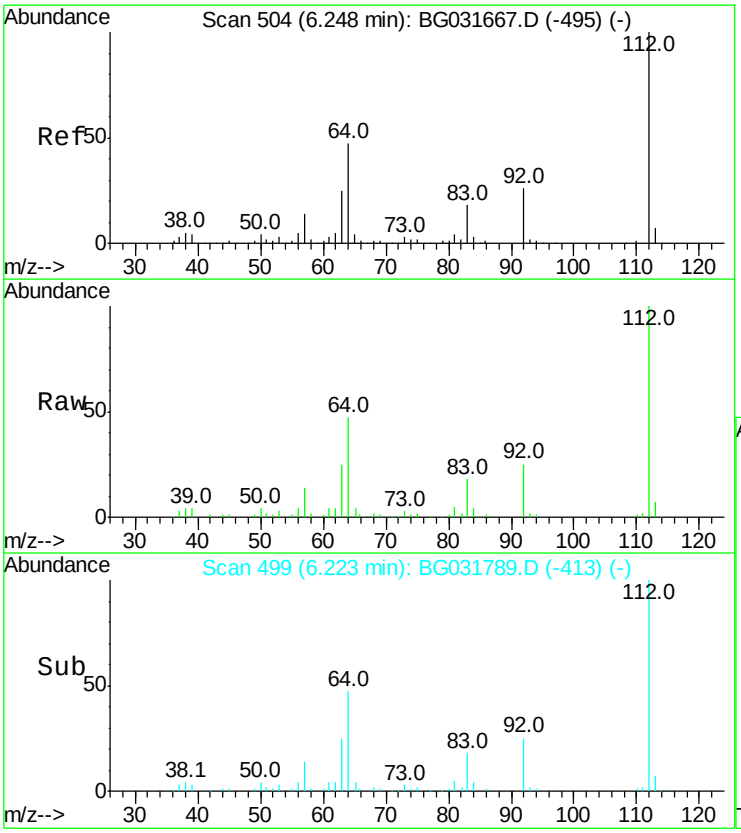
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42002

Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.6	189.8
115	55.2	53.0	79.4

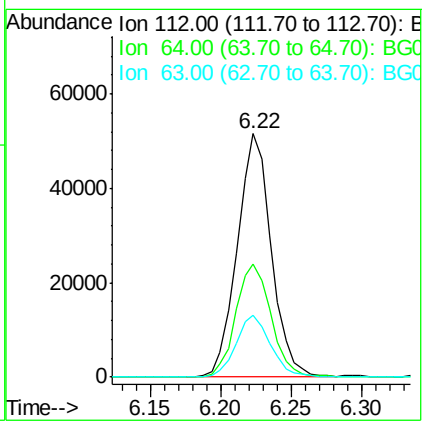


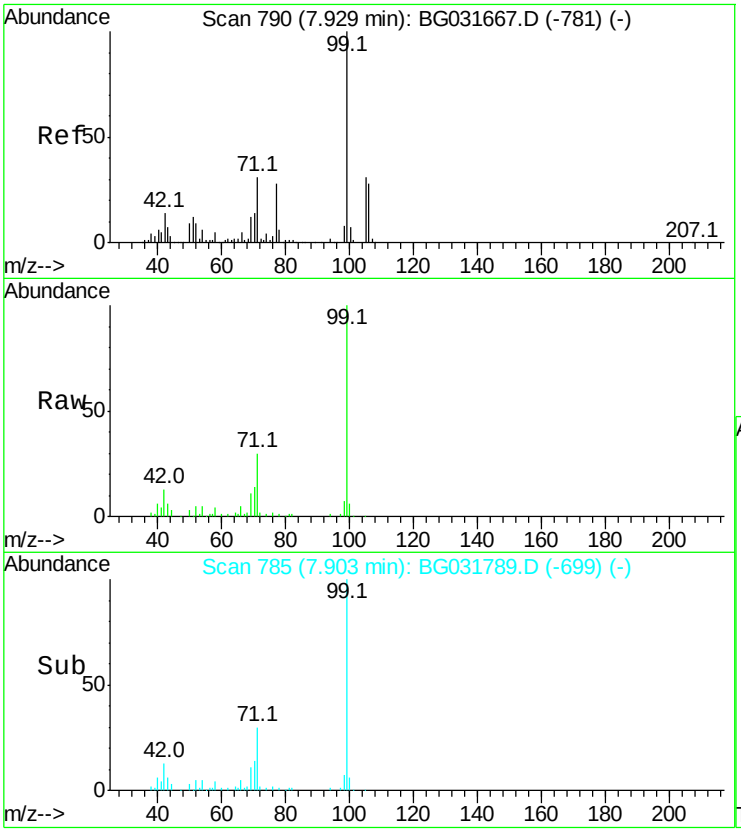


#5
2-Fluorophenol
Concen: 37.739 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:112 Resp: 87029

Ion	Ratio	Lower	Upper
112	100		
64	46.5	56.3	84.5#
63	25.4	30.1	45.1#



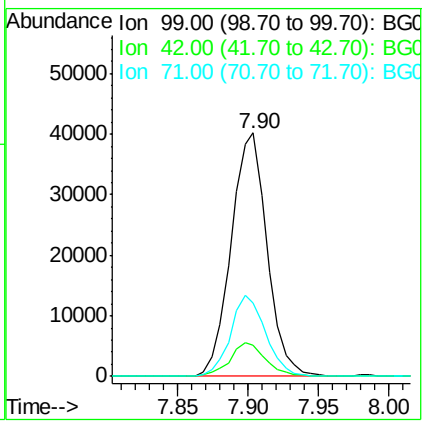


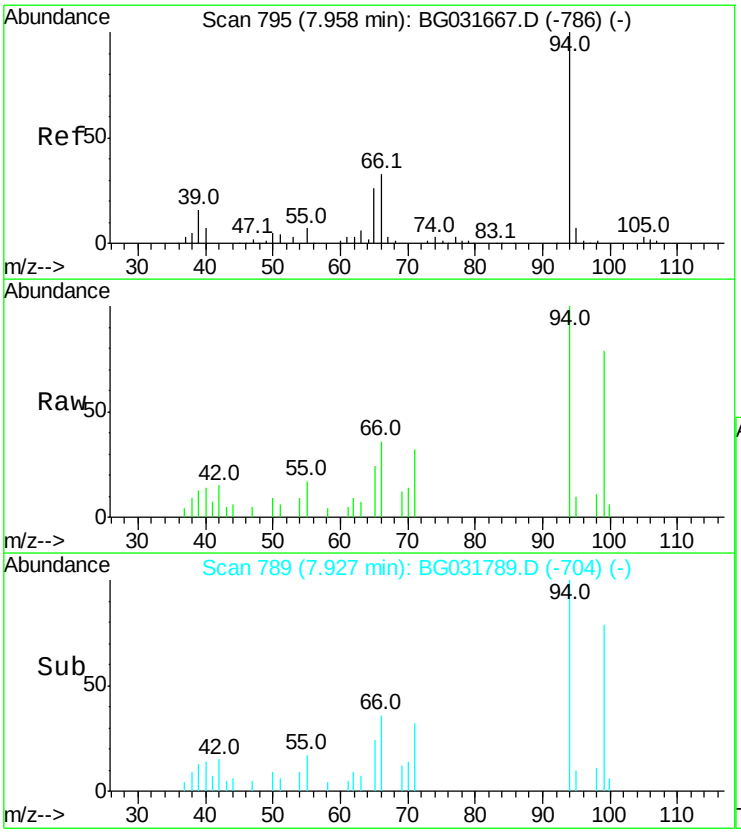
#7
Phenol-d6
Concen: 23.825 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 71332

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	30.1	26.1	39.1

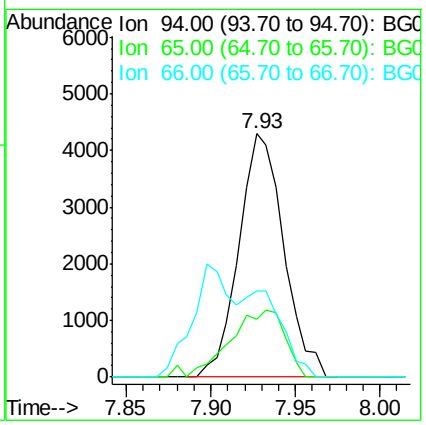


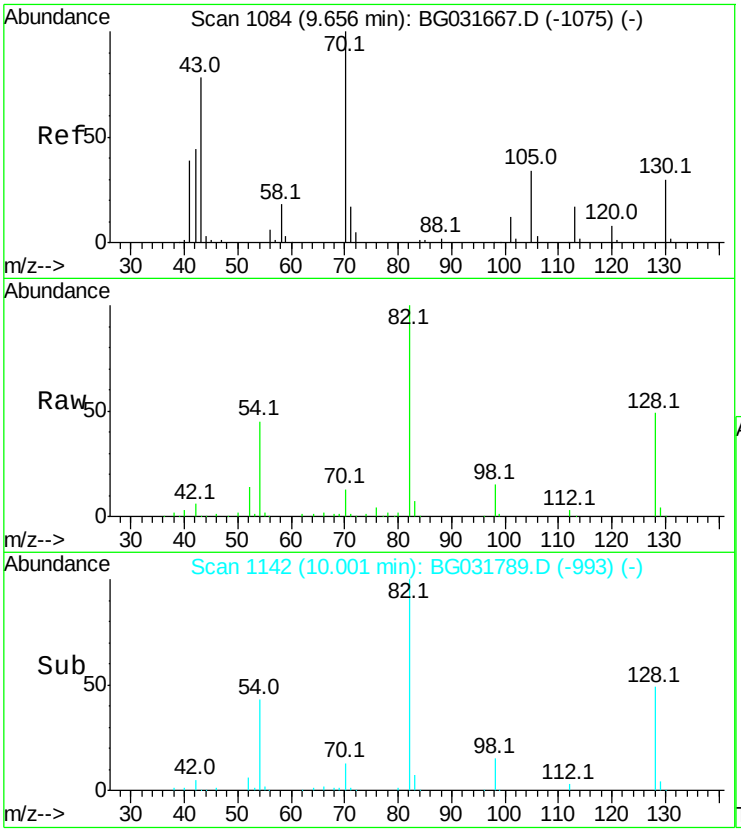


#10
Phenol
Concen: 2.624 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion: 94 Resp: 7932

Ion	Ratio	Lower	Upper
94	100		
65	23.7	11.9	51.9
66	35.5	22.2	62.2



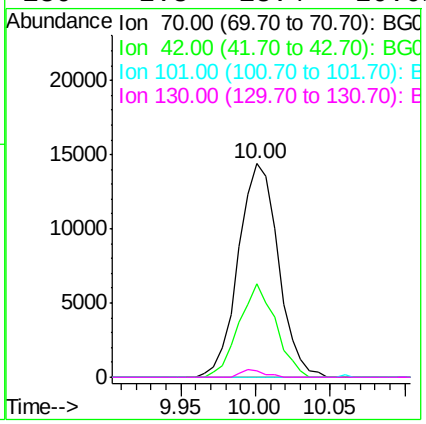


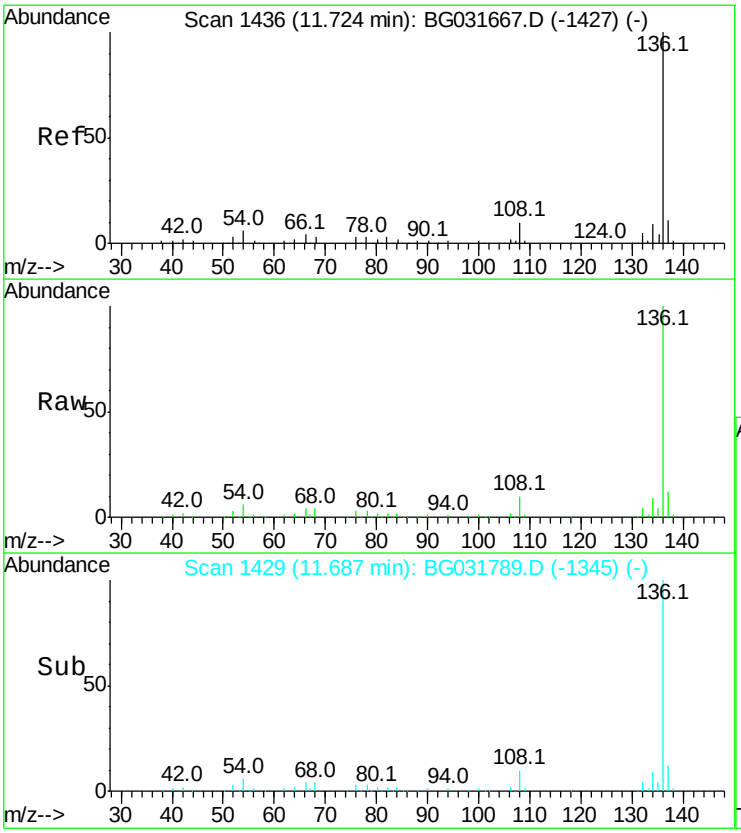
#19
n-Nitroso-di-n-propylamine
Concen: 13.068 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.35 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 26721

Ion	Ratio	Lower	Upper
70	100		
42	43.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.8	13.4	20.0#

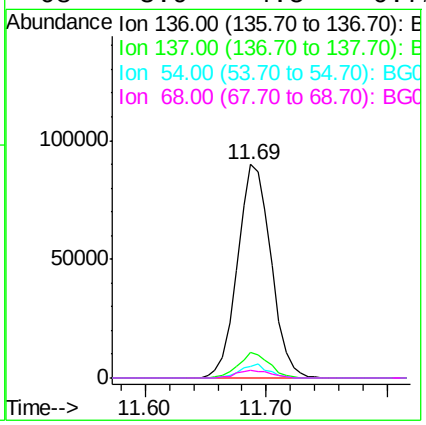


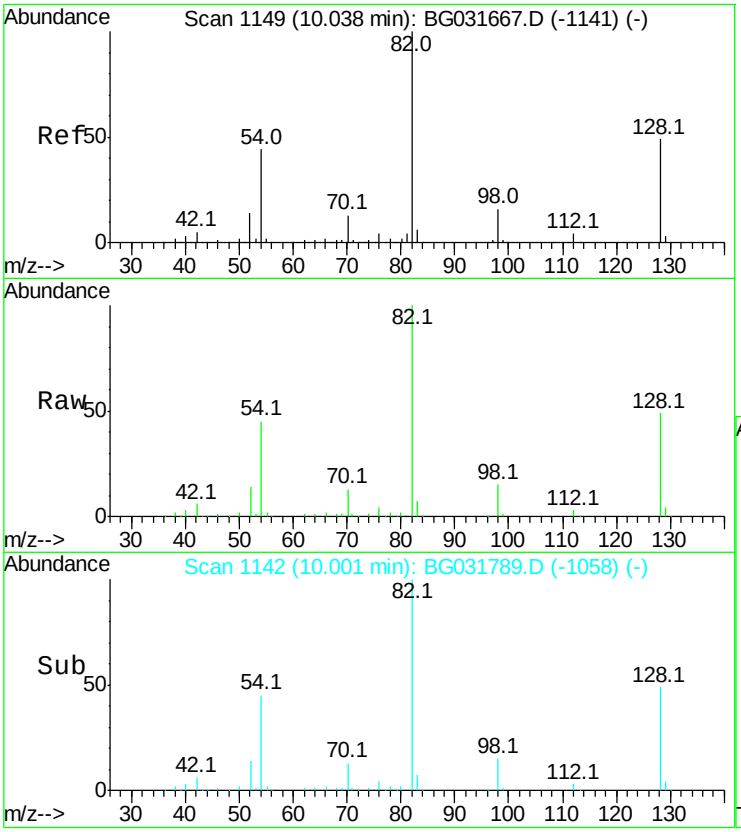


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:136 Resp: 173322

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	5.6	10.3	15.5#
68	3.9	4.5	6.7#



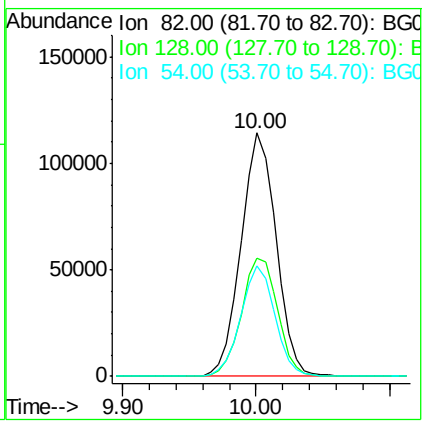


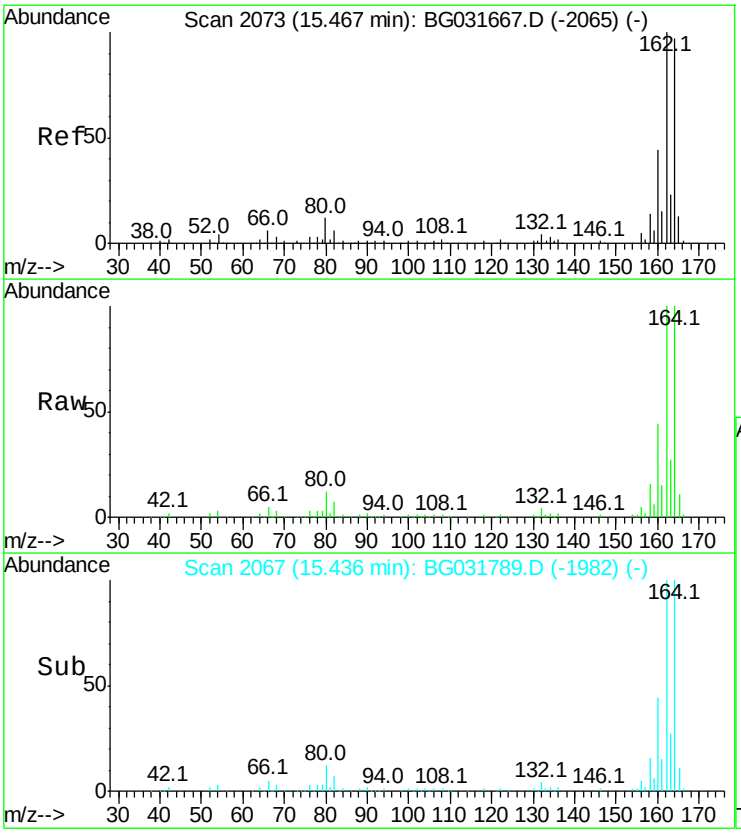
#23
Nitrobenzene-d5
Concen: 90.318 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 207305

Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	45.1	43.1	64.7

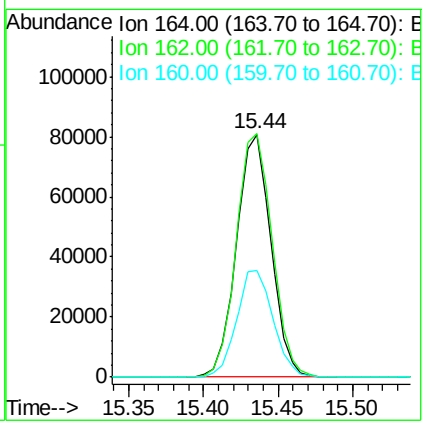


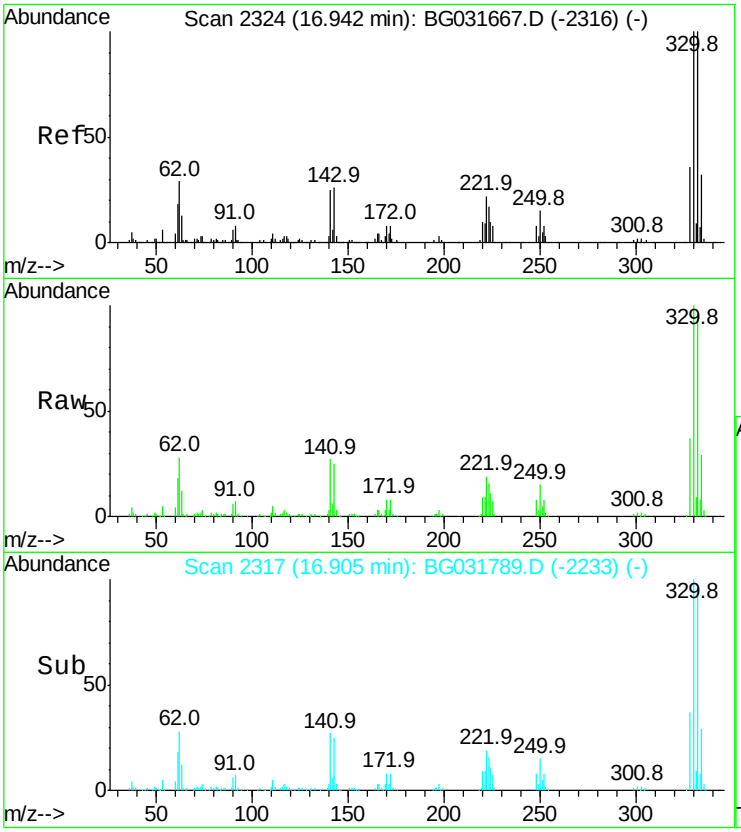


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:164 Resp: 129333

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	43.8	35.4	53.0



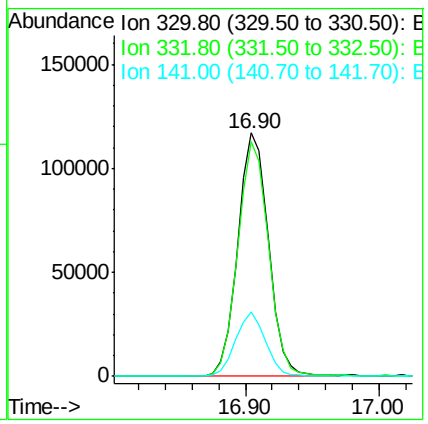


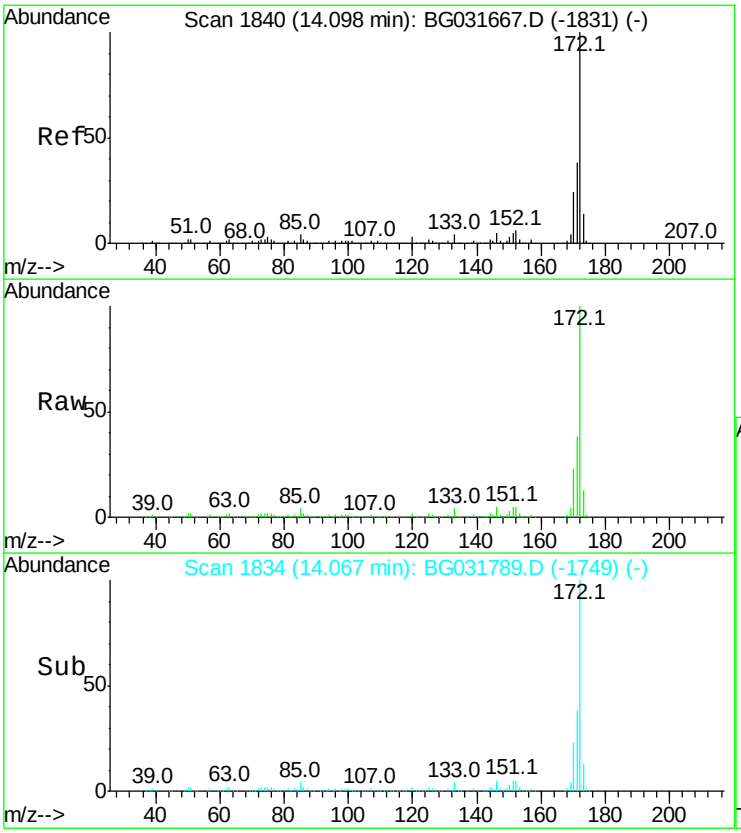
#41
2,4,6-Tribromophenol
Concen: 94.073 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 185648

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.1	25.2	37.8

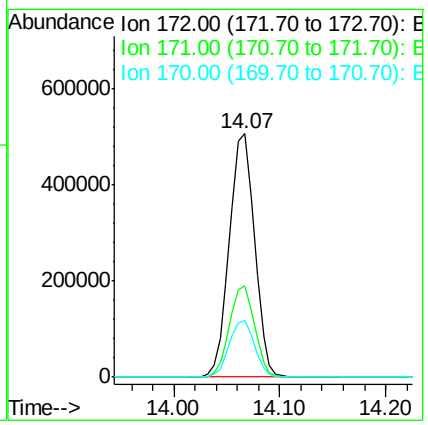


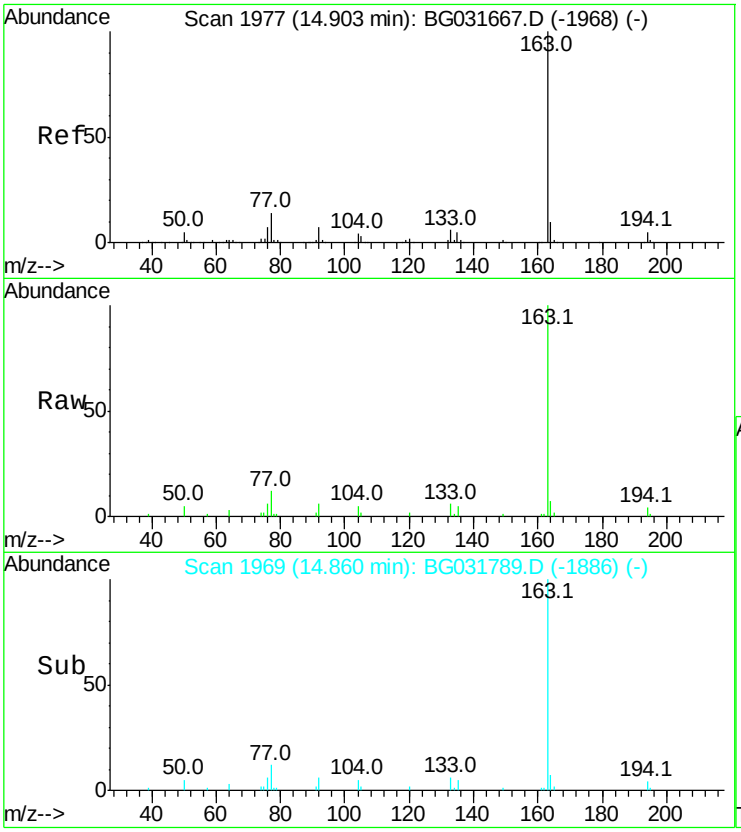


#44
2-Fluorobiphenyl
Concen: 80.837 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:172 Resp: 832974

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.3	19.5	29.3



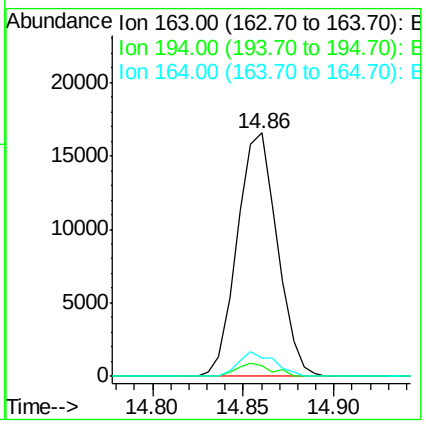


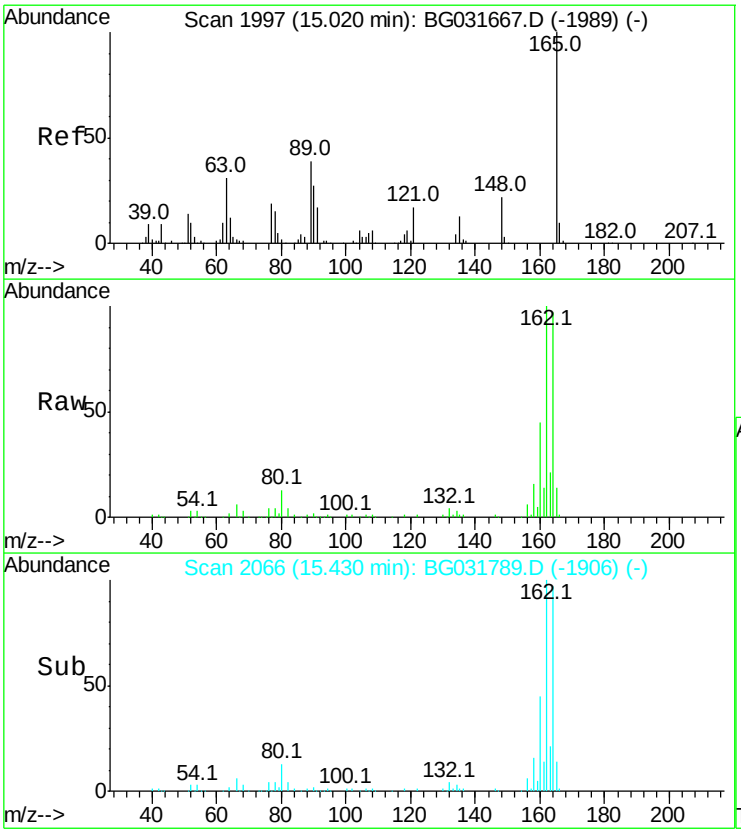
#49
Dimethylphthalate
Concen: 2.226 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 25363

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	7.3	8.2	12.4#

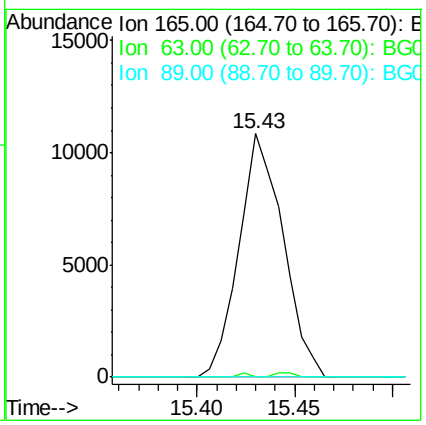


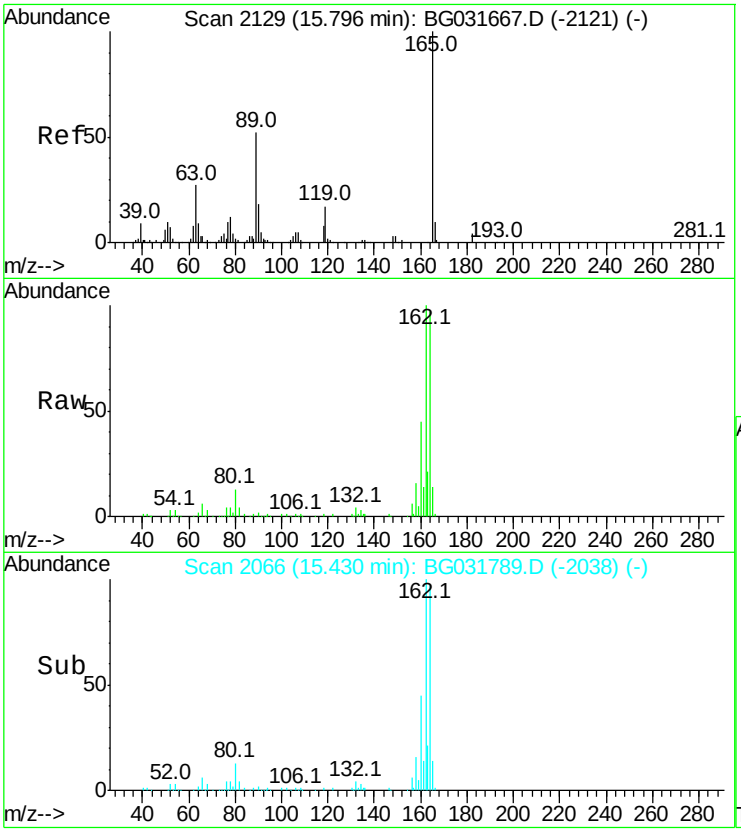


#50
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 15.43 min Scan# 2066
Delta R.T. 0.41 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:165 Resp: 16948

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



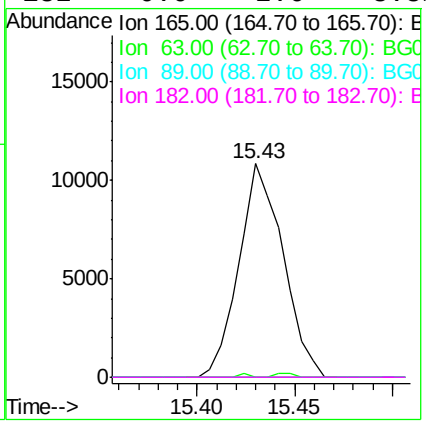


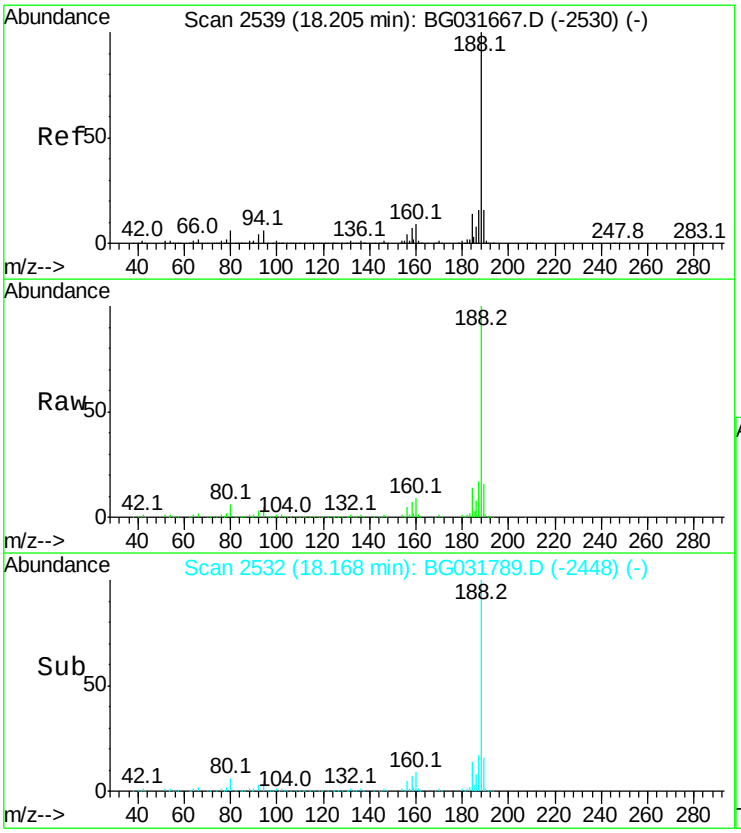
#56
2,4-Dinitrotoluene
Concen: 6.288 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.37 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16948

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#

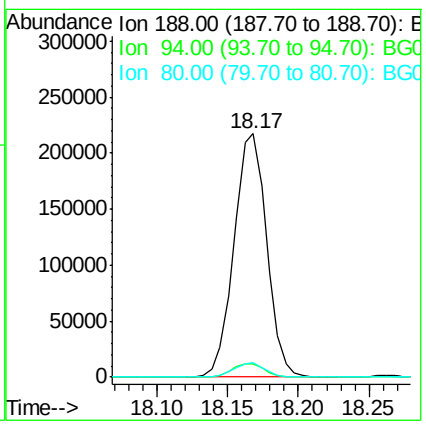


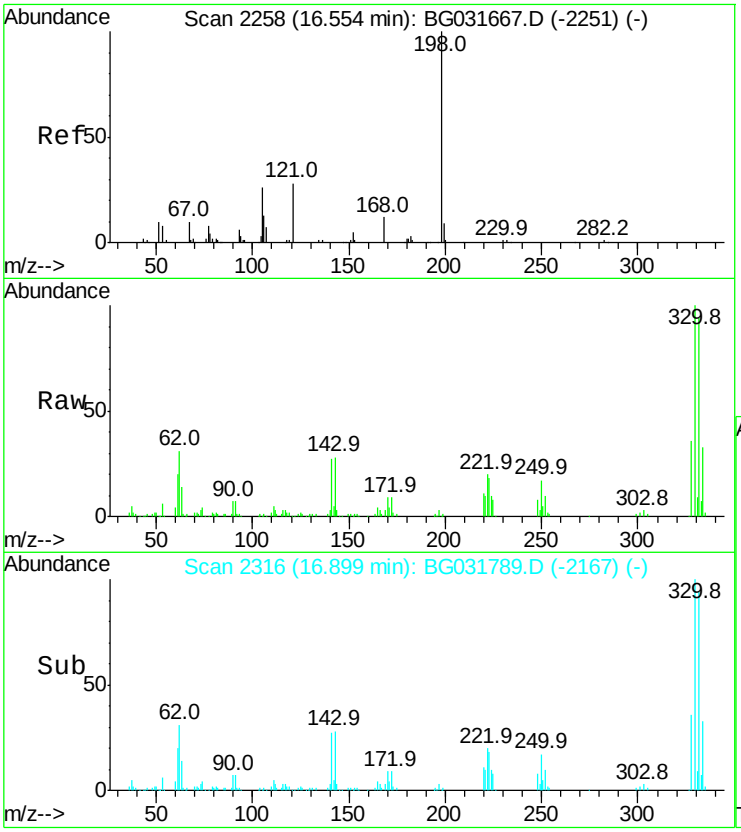


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:188 Resp: 350593

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.1	7.7	11.5#



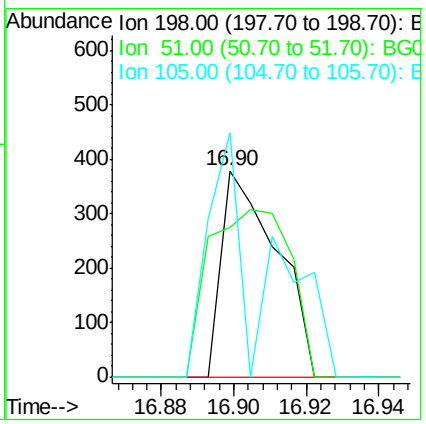


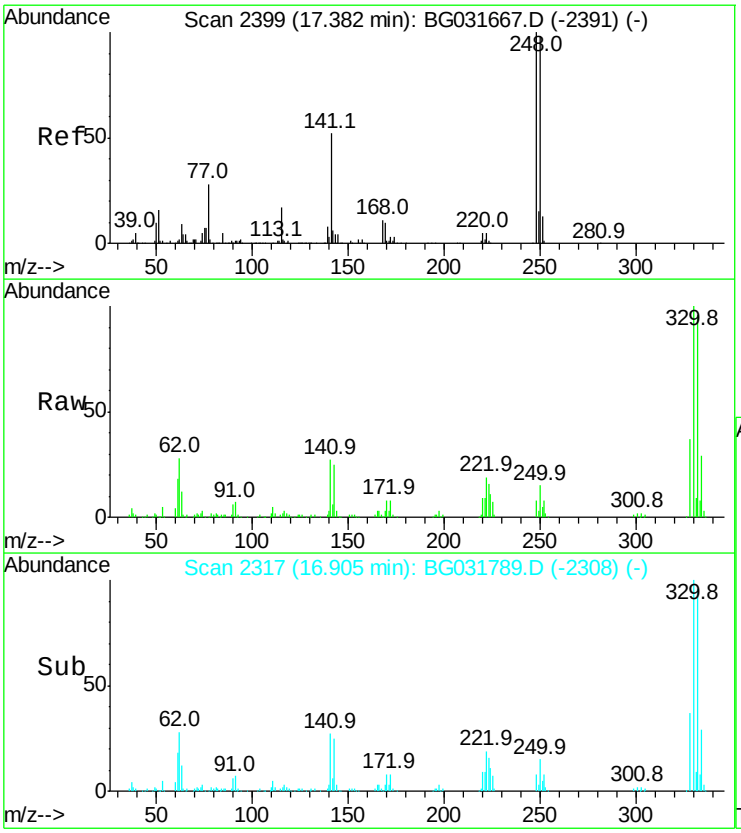
#64
4,6-Dinitro-2-methylphenol
Concen: 8.500 ng
RT: 16.90 min Scan# 2316
Delta R.T. 0.35 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	72.5	30.6	70.6#
105	118.5	23.8	63.8#

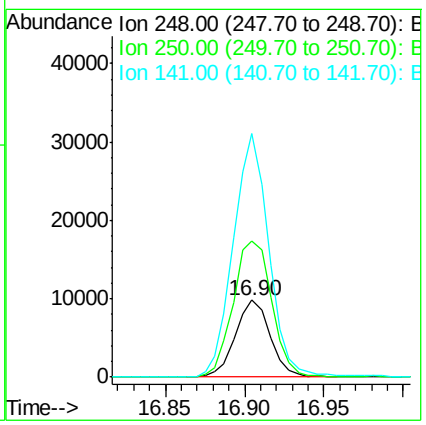


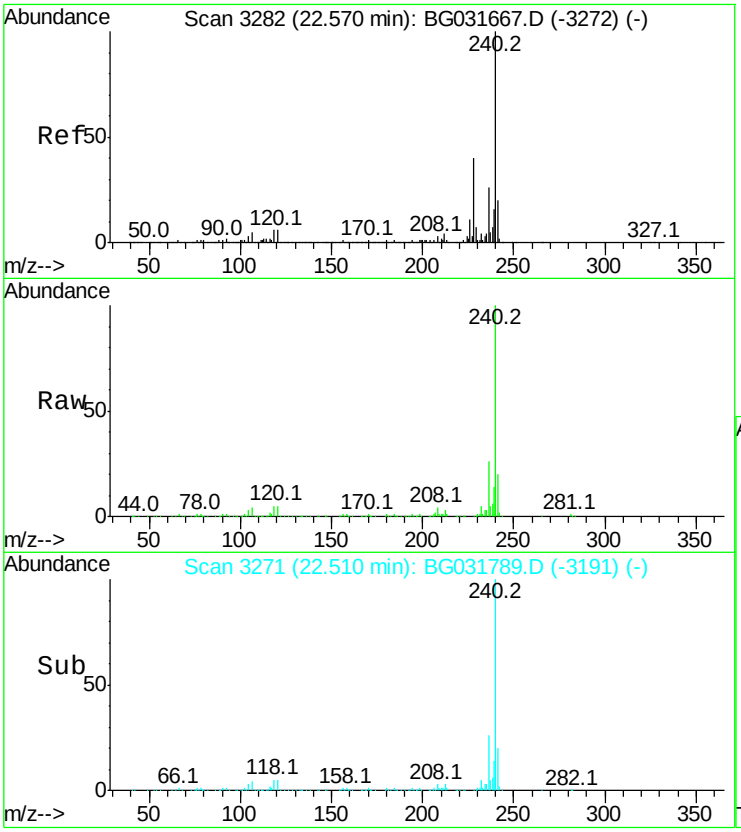


#66
4-Bromophenyl-phenylether
Concen: 2.949 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:248 Resp: 14953

Ion	Ratio	Lower	Upper
248	100		
250	176.5	77.1	115.7#
141	316.4	50.8	76.2#



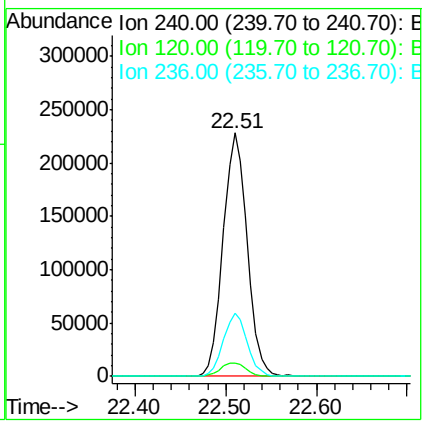


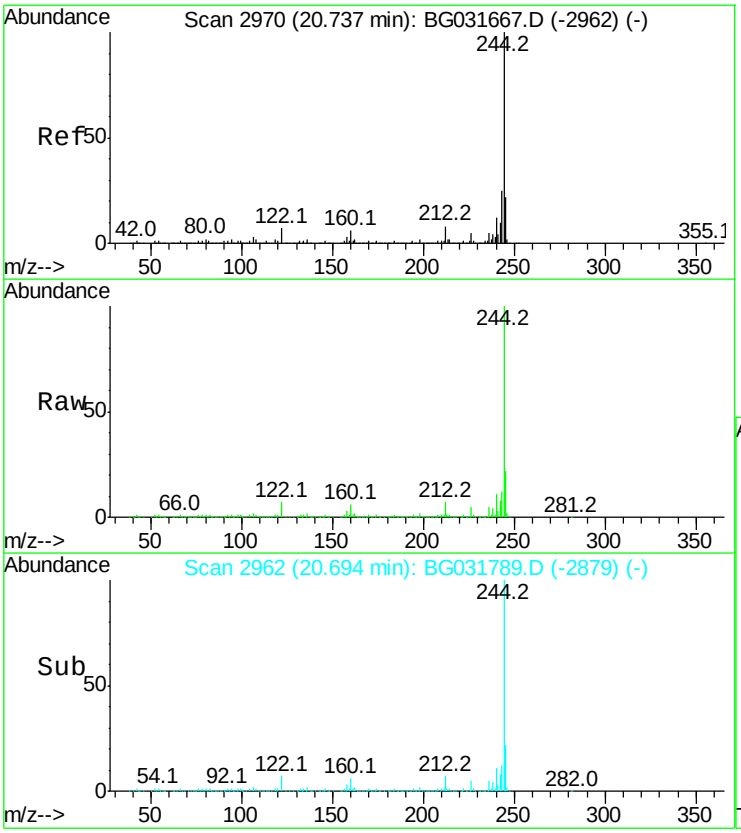
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 420981

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	26.1	20.9	31.3

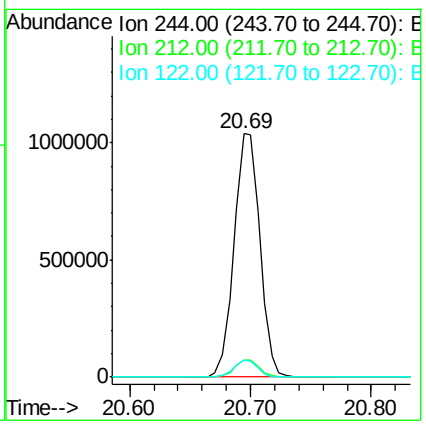


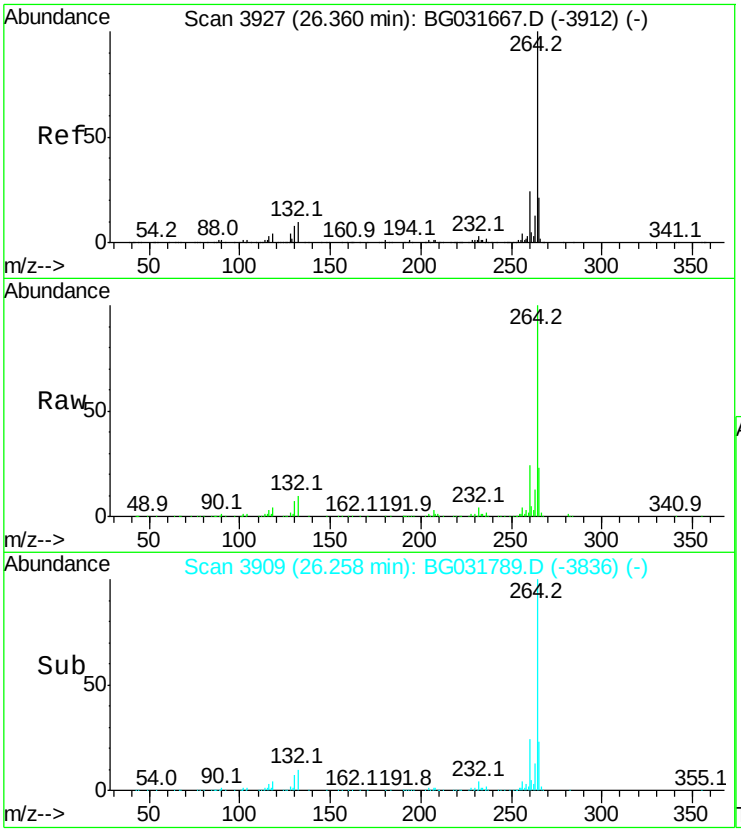


#78
Terphenyl-d14
Concen: 83.708 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:244 Resp: 1542444

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3909
Delta R.T. -0.10 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 446135

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.8	17.7	26.5