Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010518\
Data File : BG031933.D
Acq On : 5 Jan 2018 15:22
Operator : SJ/JU
Sample : PB105488TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105488TB

Quant Time: Jan 05 16:04:09 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51302	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	211031	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	143872	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	419006	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	512333	20.00	ng	-0.03
86) Perylene-d12	26.23	264	497990	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	370146	131.41	ng	0.00
7) Phenol-d6	7.89	99	458844	125.47	ng	0.00
23) Nitrobenzene-d5	9.98	82	249871	89.41	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	332530	151.47	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	906786	79.11	ng	0.00
78) Terphenyl-d14	20.68	244	1870415	83.41	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	32111	12.857	ng	# 72
32) Benzoic acid	10.46	122	55	6.716	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	18957	8.130	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	18957	6.323	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	799	8.630	ng	# 51
66) 4-Bromophenyl-phenylether	16.89	248	27436	4.528	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010518\
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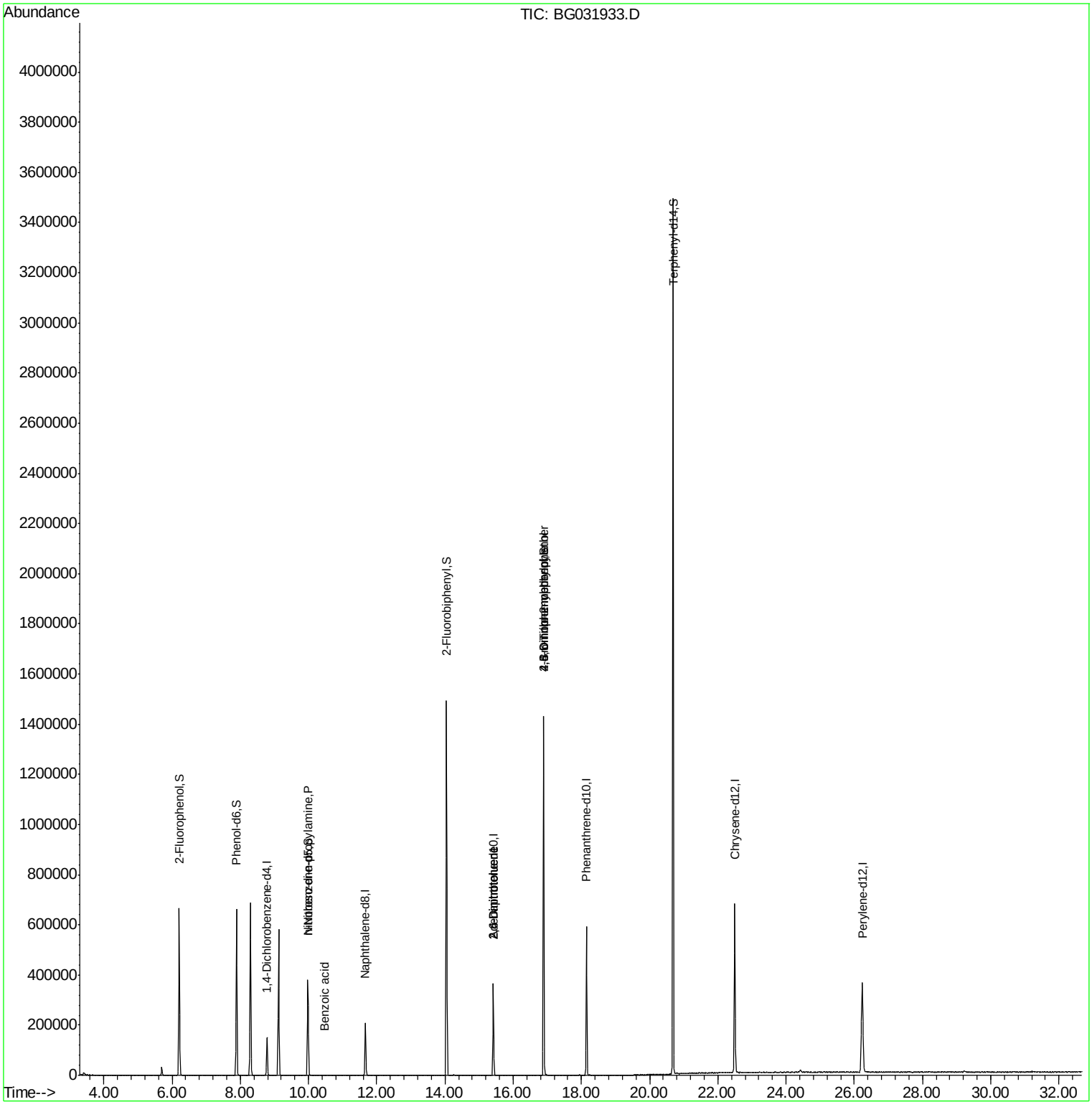
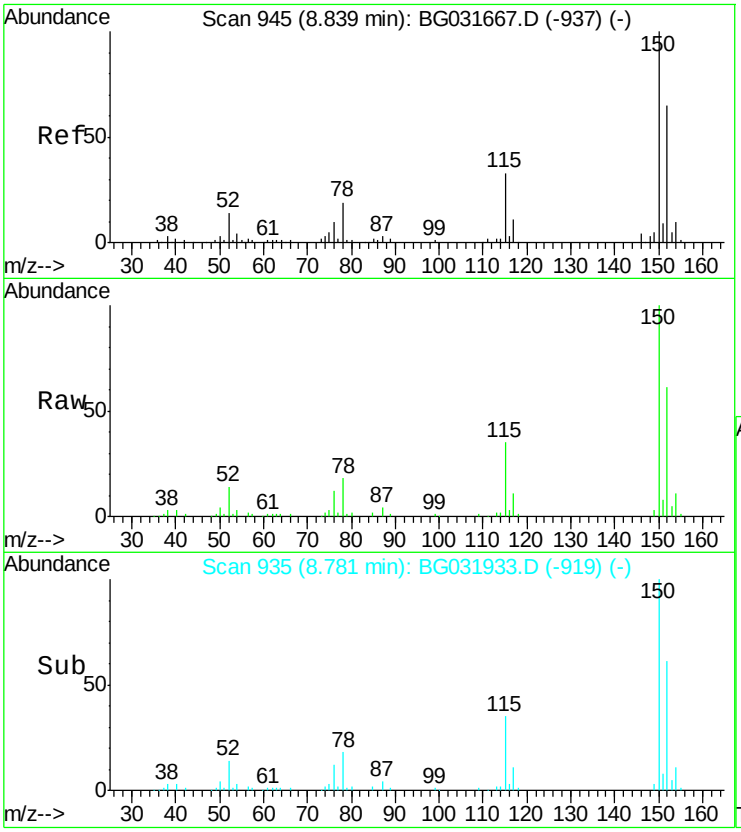


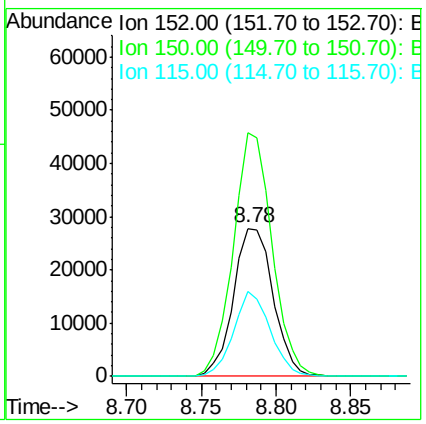


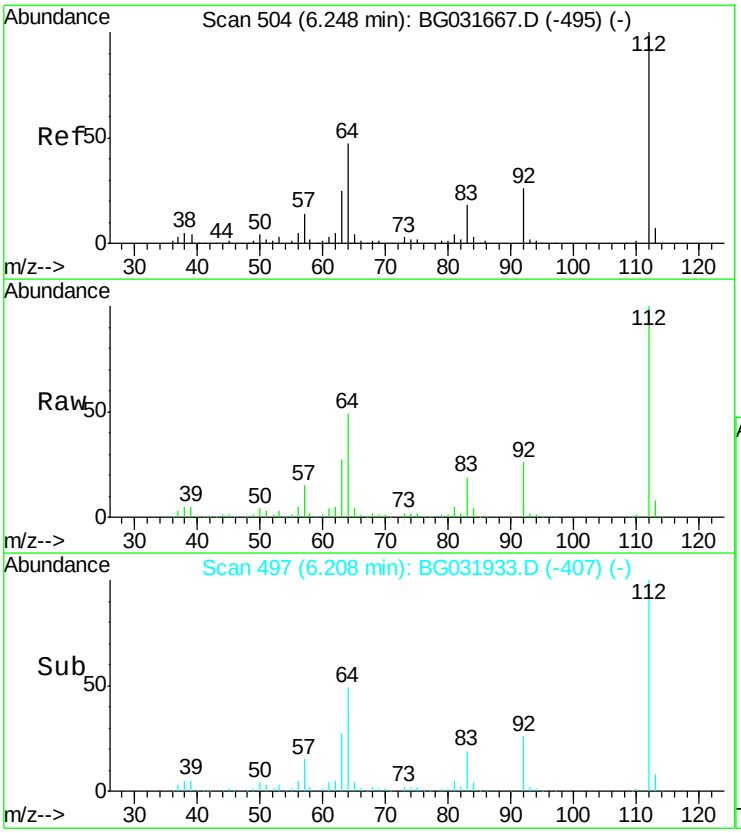
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:152 Resp: 51302

Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.6	189.8
115	57.2	53.0	79.4

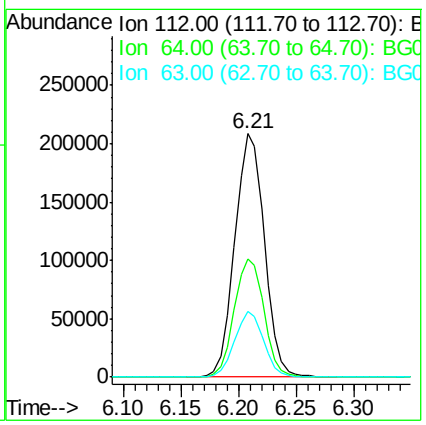


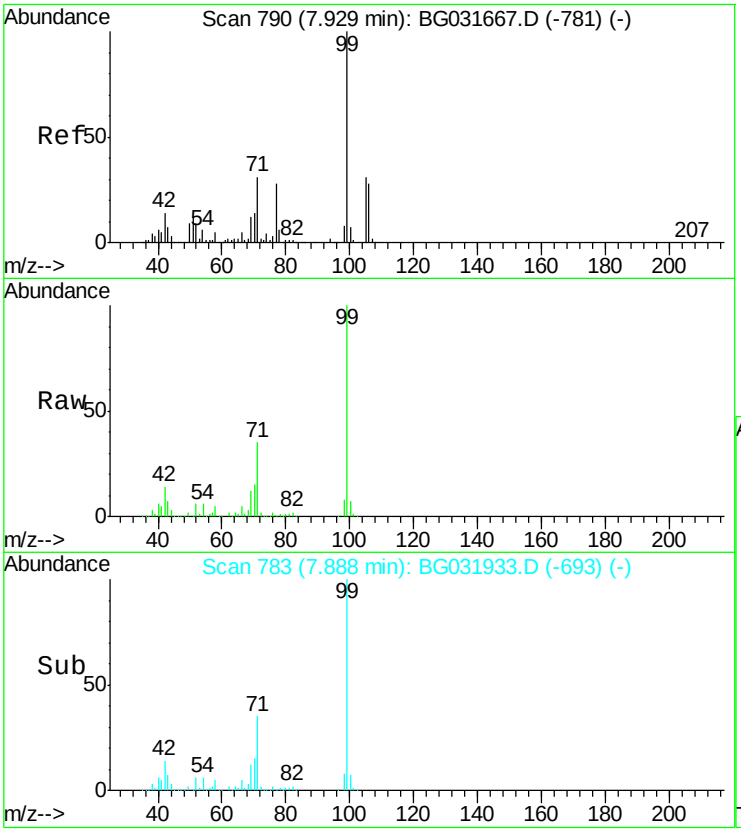


#5
2-Fluorophenol
Concen: 131.414 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:112 Resp: 370146

Ion	Ratio	Lower	Upper
112	100		
64	48.7	56.3	84.5#
63	27.0	30.1	45.1#



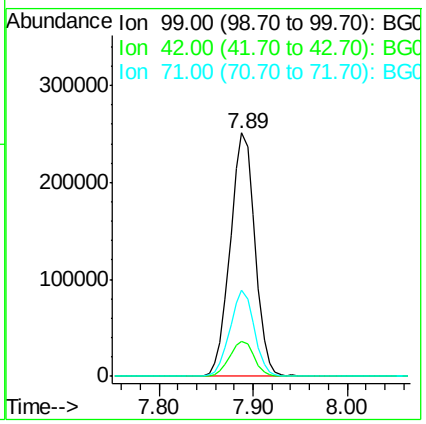


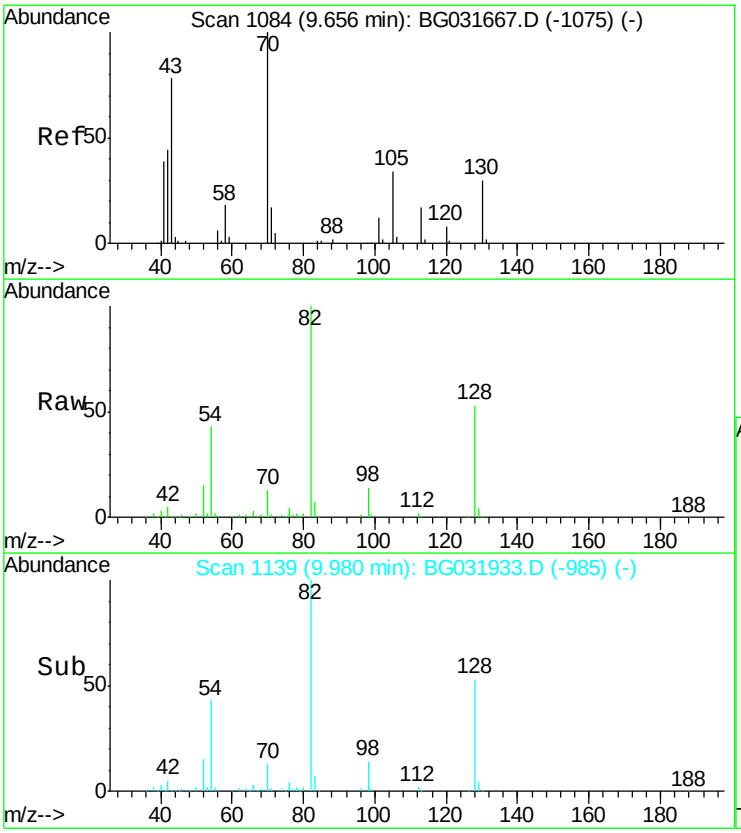
#7
Phenol-d6
Concen: 125.472 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion: 99 Resp: 458844

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.1	21.1
71	35.3	26.1	39.1

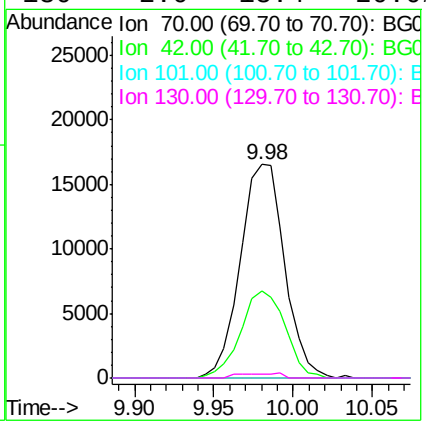


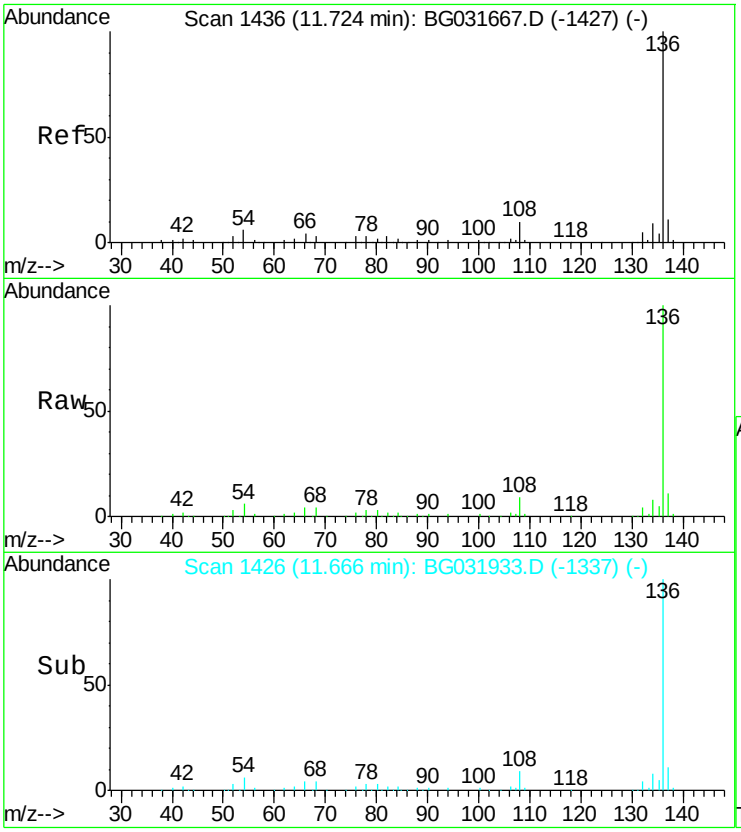


#19
n-Nitroso-di-n-propylamine
Concen: 12.857 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.37 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion: 70 Resp: 32111

Ion	Ratio	Lower	Upper
70	100		
42	41.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



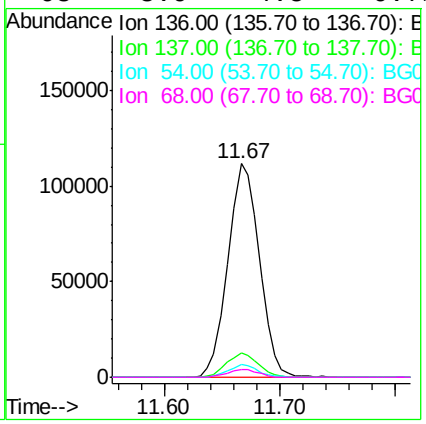


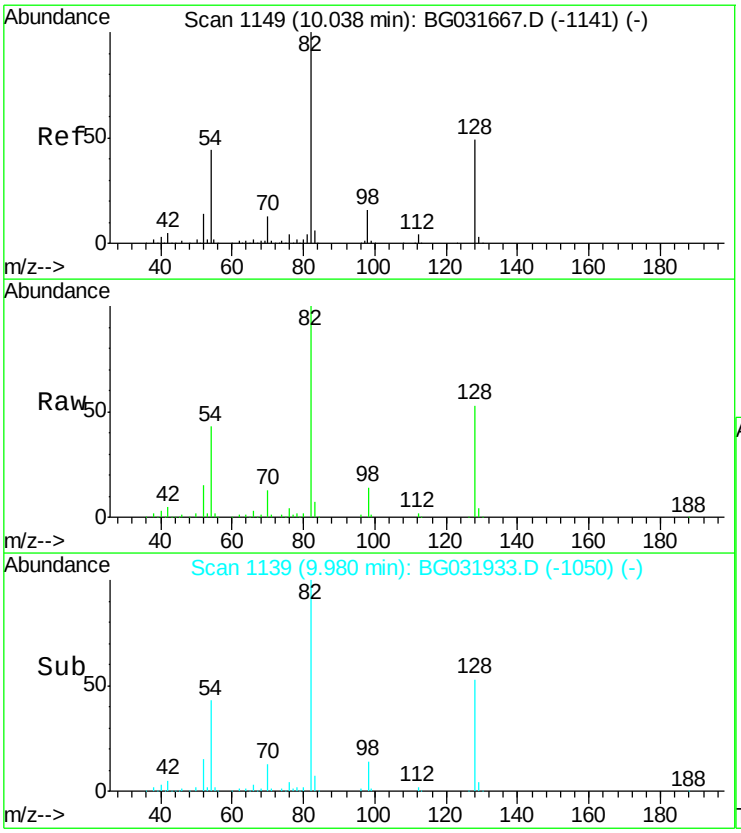
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:136 Resp: 211031

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.8	10.3	15.5#
68	3.9	4.5	6.7#

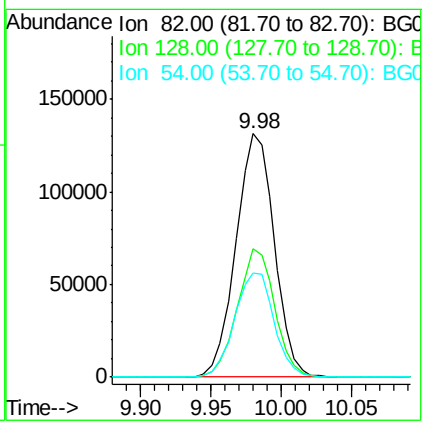


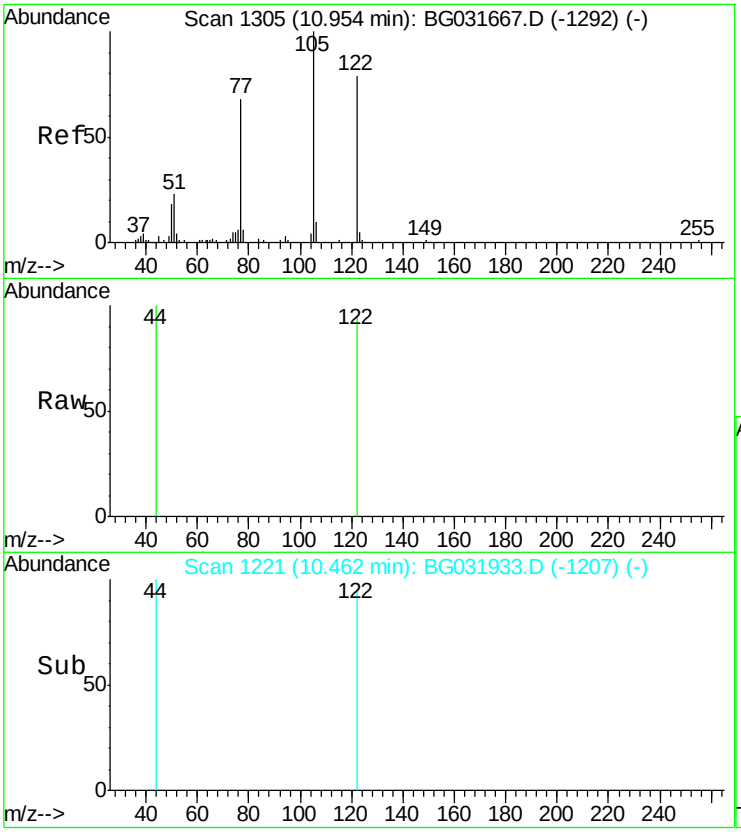


#23
Nitrobenzene-d5
Concen: 89.410 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion: 82 Resp: 249871

Ion	Ratio	Lower	Upper
82	100		
128	52.9	29.7	44.5#
54	42.8	43.1	64.7#



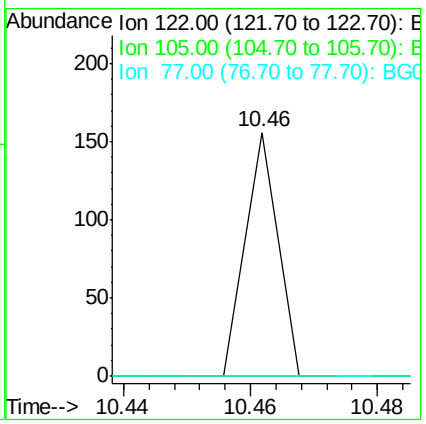


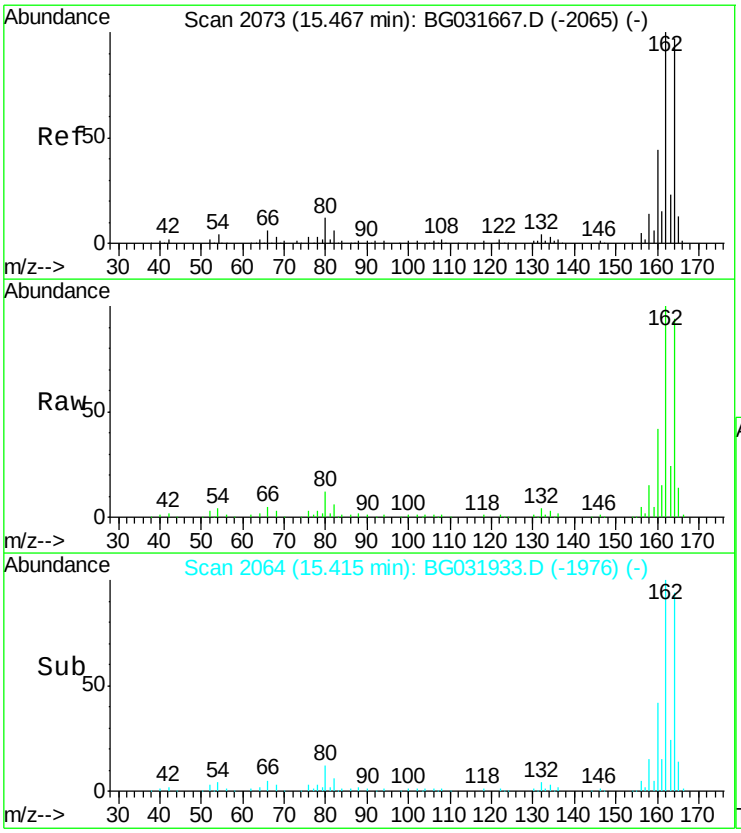
#32
Benzoic acid
Concen: 6.716 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.45 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

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#

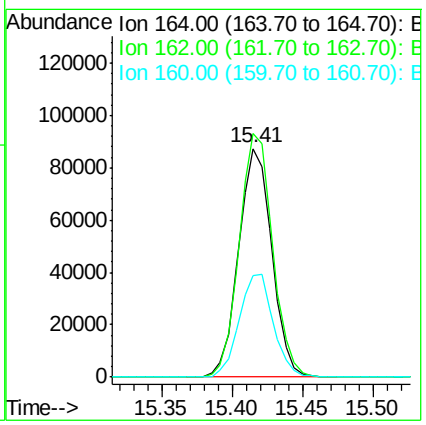


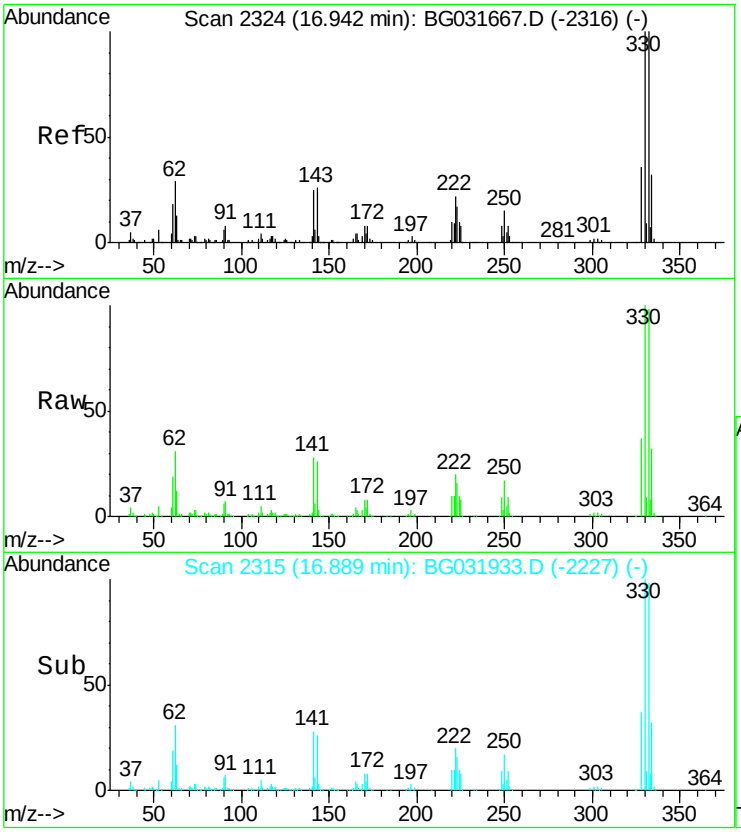


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:164 Resp: 143872

Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	44.7	35.4	53.0



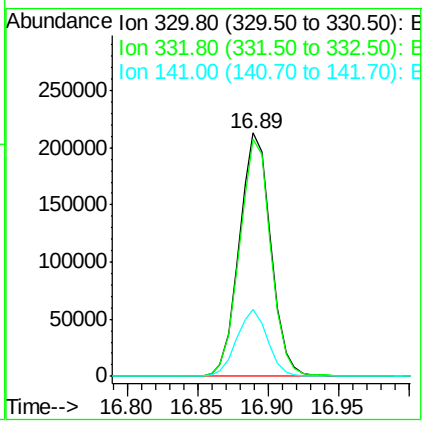


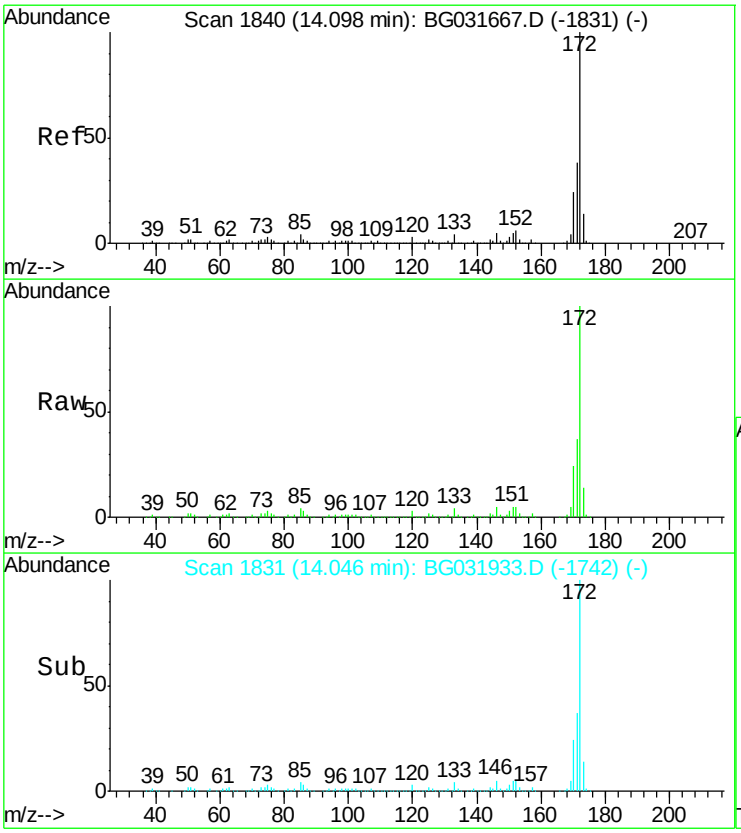
#41
2,4,6-Tribromophenol
Concen: 151.474 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:330 Resp: 332530

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.9	25.2	37.8

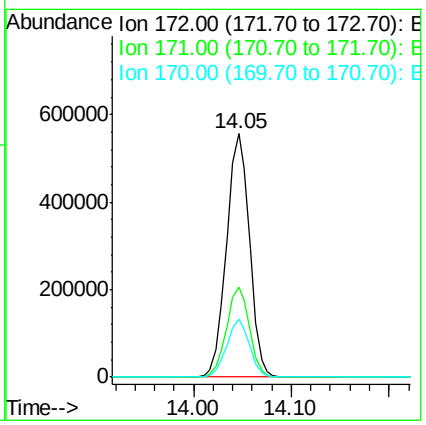


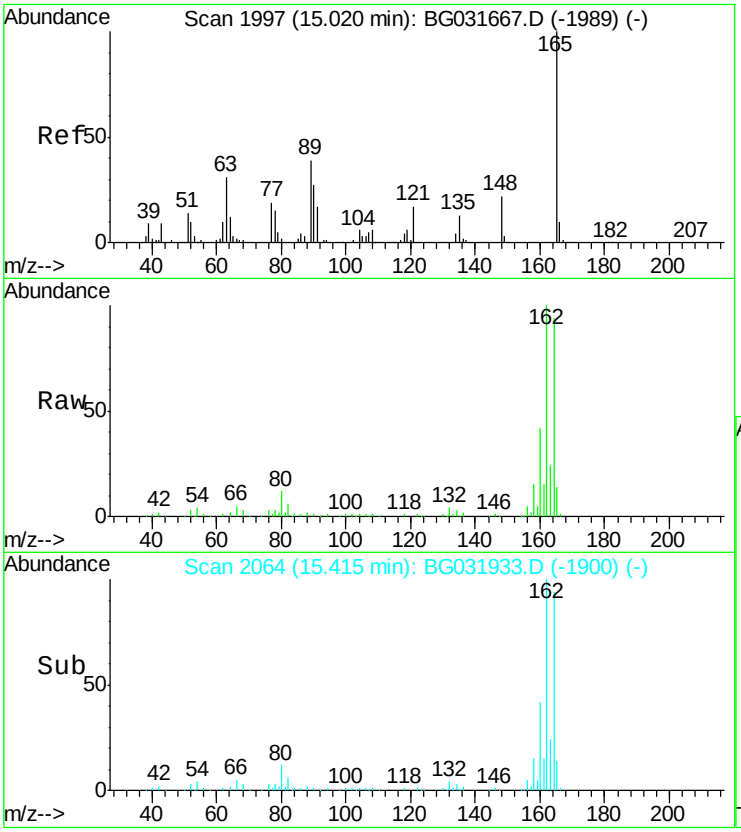


#44
2-Fluorobiphenyl
Concen: 79.108 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:172 Resp: 906786

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.7	19.5	29.3



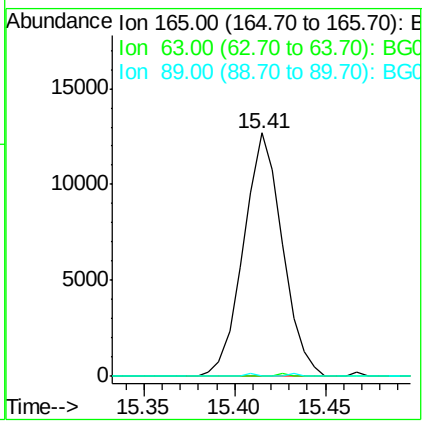


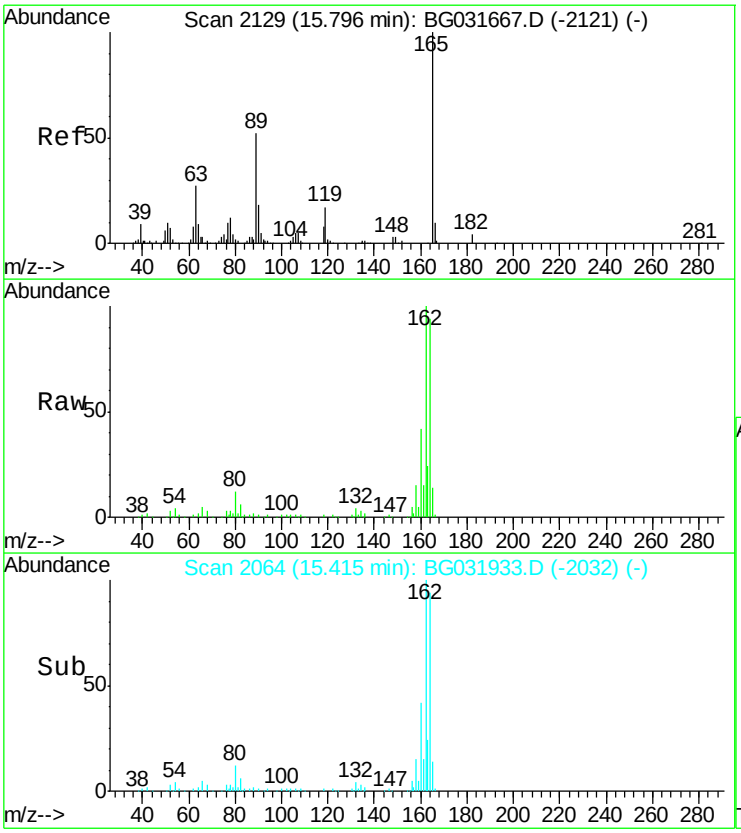
#50
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.43 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:165 Resp: 18957

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

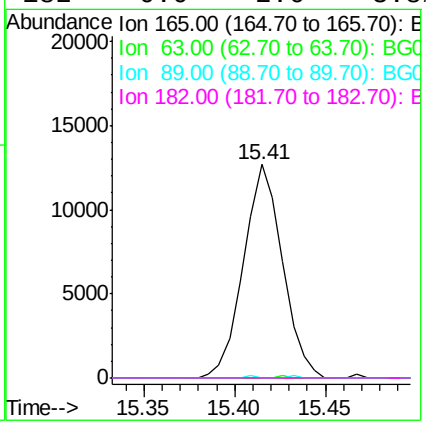


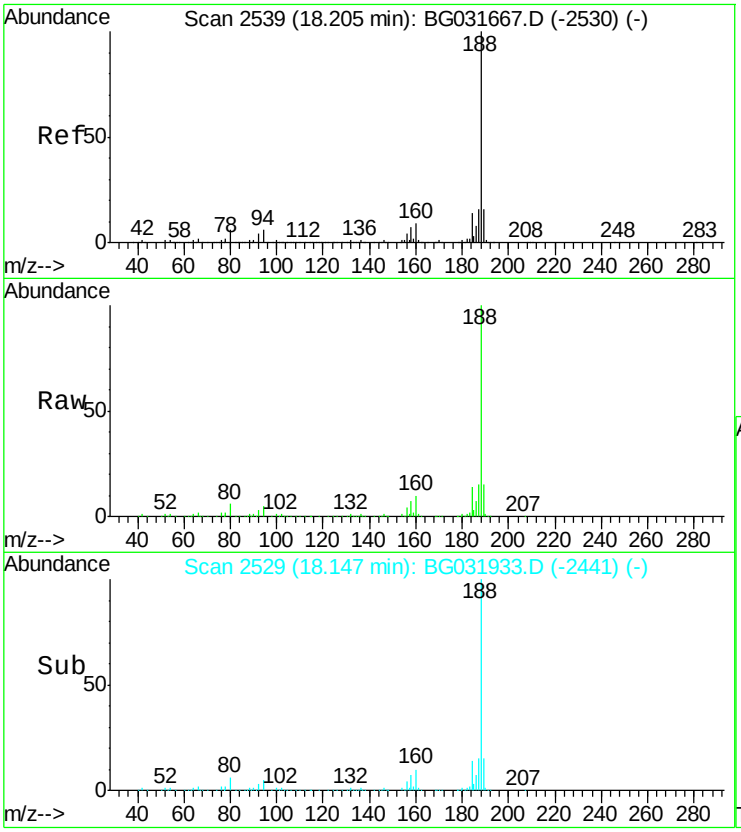


#56
2,4-Dinitrotoluene
Concen: 6.323 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:165 Resp: 18957

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#



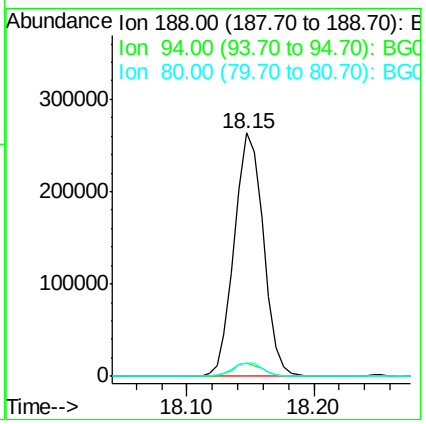


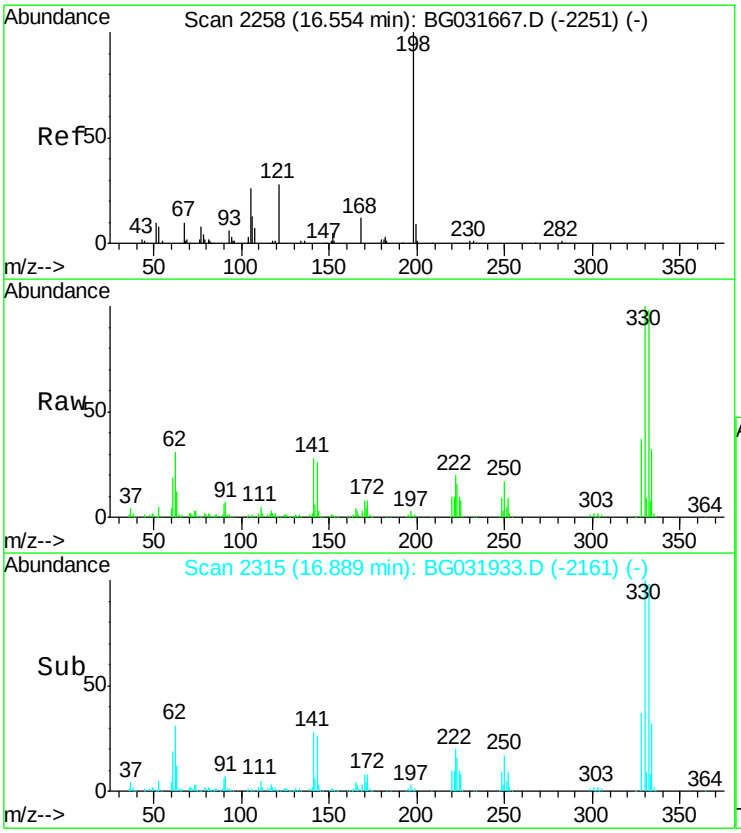
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:188 Resp: 419006

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.7	7.7	11.5#

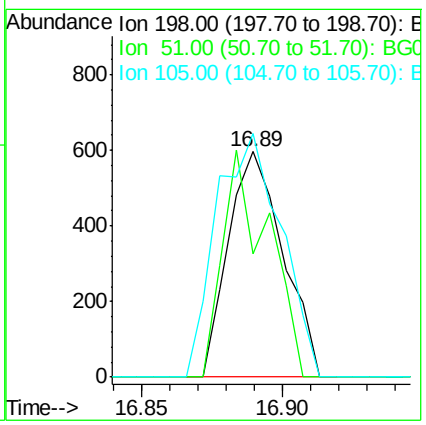


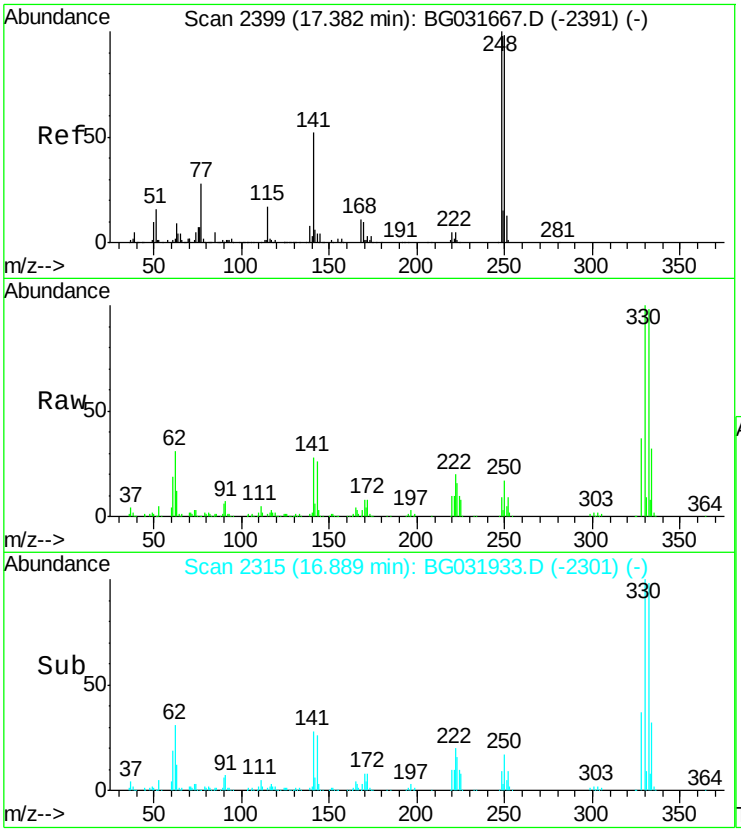


#64
4,6-Dinitro-2-methylphenol
Concen: 8.630 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.37 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:198 Resp: 799

Ion	Ratio	Lower	Upper
198	100		
51	54.7	30.6	70.6
105	108.1	23.8	63.8#



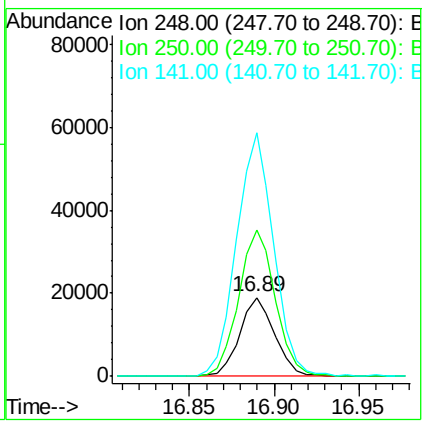


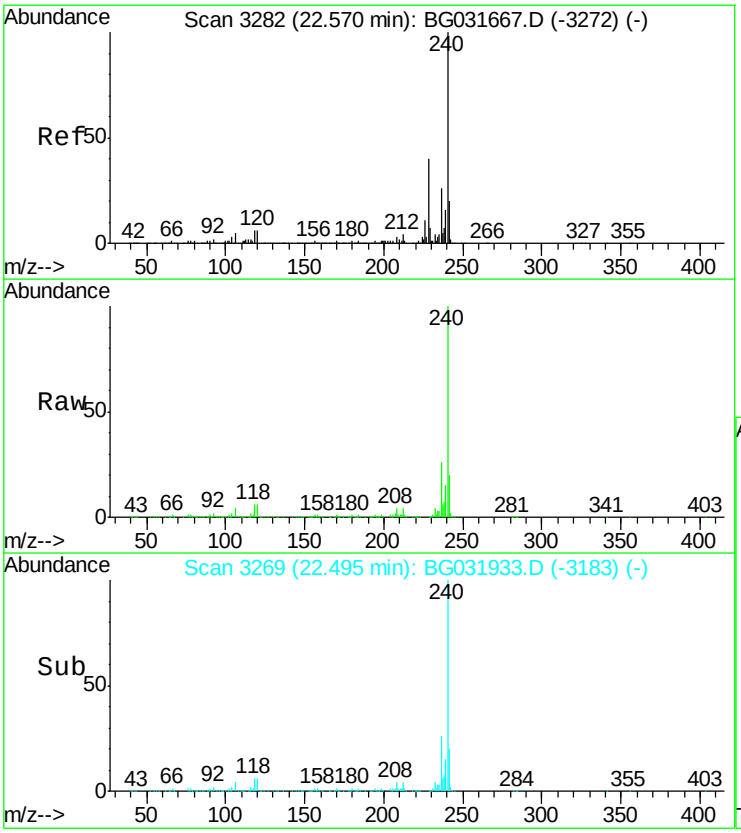
#66
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.45 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:248 Resp: 27436

Ion	Ratio	Lower	Upper
248	100		
250	185.9	77.1	115.7#
141	308.2	50.8	76.2#

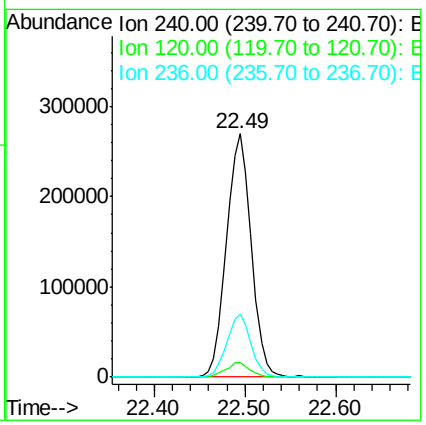


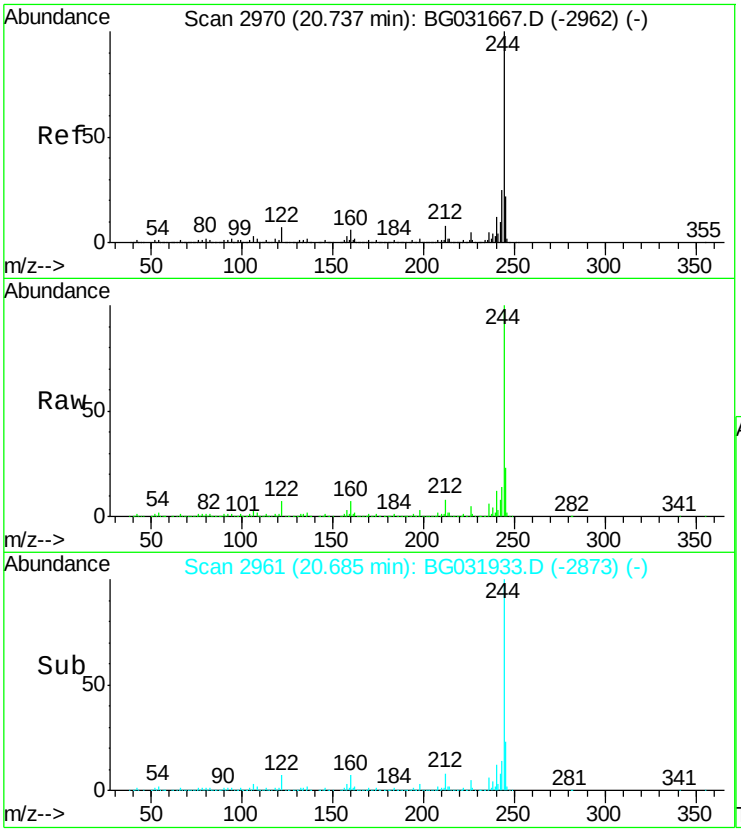


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.03 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:240 Resp: 512333

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.8	20.9	31.3



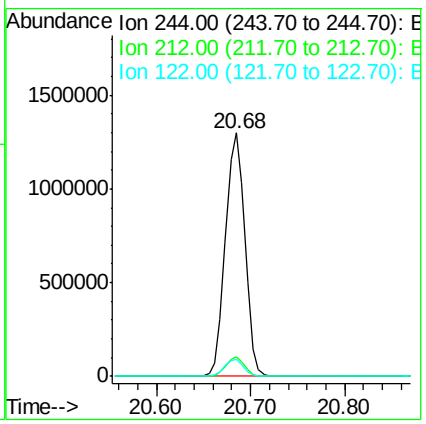


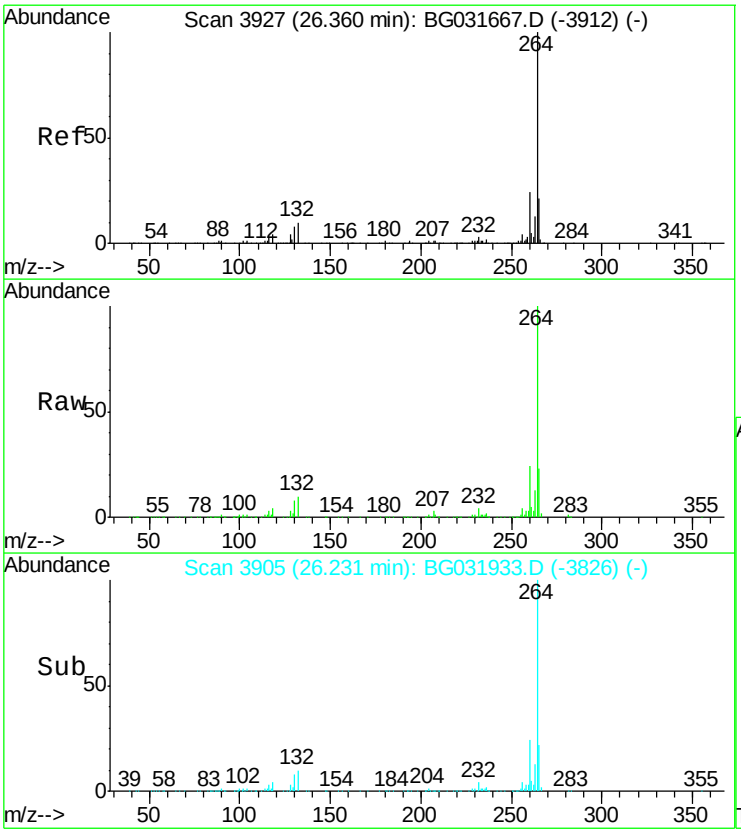
#78
Terphenyl-d14
Concen: 83.407 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :
PB105488TB

Tgt Ion:244 Resp: 1870415

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.07 min
Lab File: BG031933.D
Acq: 5 Jan 2018 15:22

Tgt Ion:264 Resp: 497990

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.6	17.7	26.5