Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011118\
Data File : BG031987.D
Acq On : 11 Jan 2018 17:01
Operator : SJ/JU
Sample : J1013-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-010918

Quant Time: Jan 11 17:44:17 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 15:23:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	140365	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	576415	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	399957	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	946781	20.00	ng		0.00
75) Chrysene-d12	22.48	240	1070553	20.00	ng		0.00
86) Perylene-d12	26.20	264	1098905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	478465	62.09	ng		0.00
7) Phenol-d6	7.89	99	545820	54.55	ng		0.00
23) Nitrobenzene-d5	9.98	82	396258	51.91	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	445875	73.06	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1417034	44.47	ng		0.00
78) Terphenyl-d14	20.67	244	2204989	47.06	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	52360	7.663	ng	#	69
31) Naphthalene	11.71	128	171978	5.912	ng		99
50) 2,6-Dinitrotoluene	15.41	165	54019	8.334	ng	#	20
56) 2,4-Dinitrotoluene	15.41	165	54019	6.481	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.88	198	1100	8.503	ng	#	1
66) 4-Bromophenyl-phenylether	16.88	248	34953	2.553	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011118\
Data File : BG031987.D
Acq On : 11 Jan 2018 17:01
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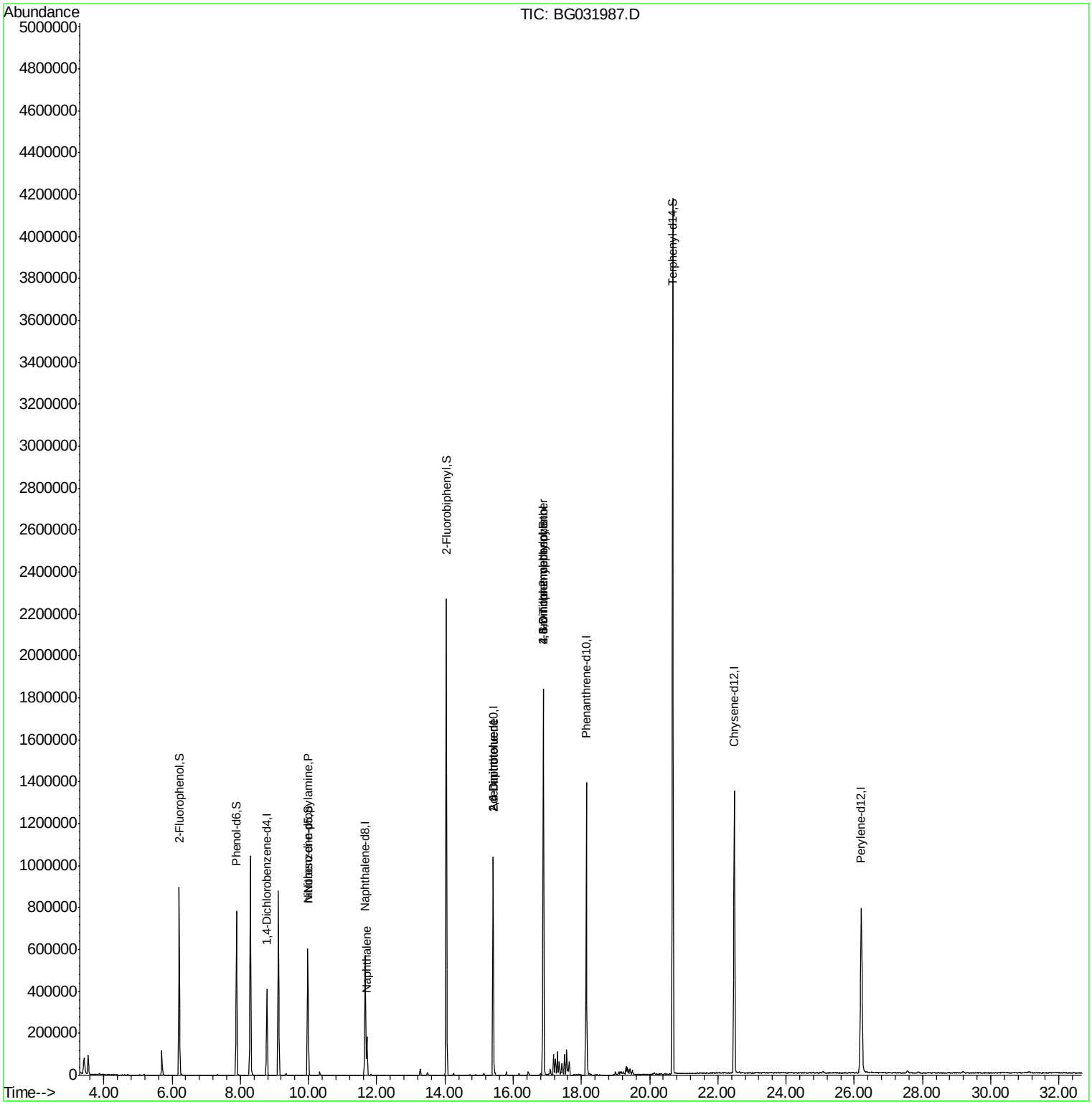
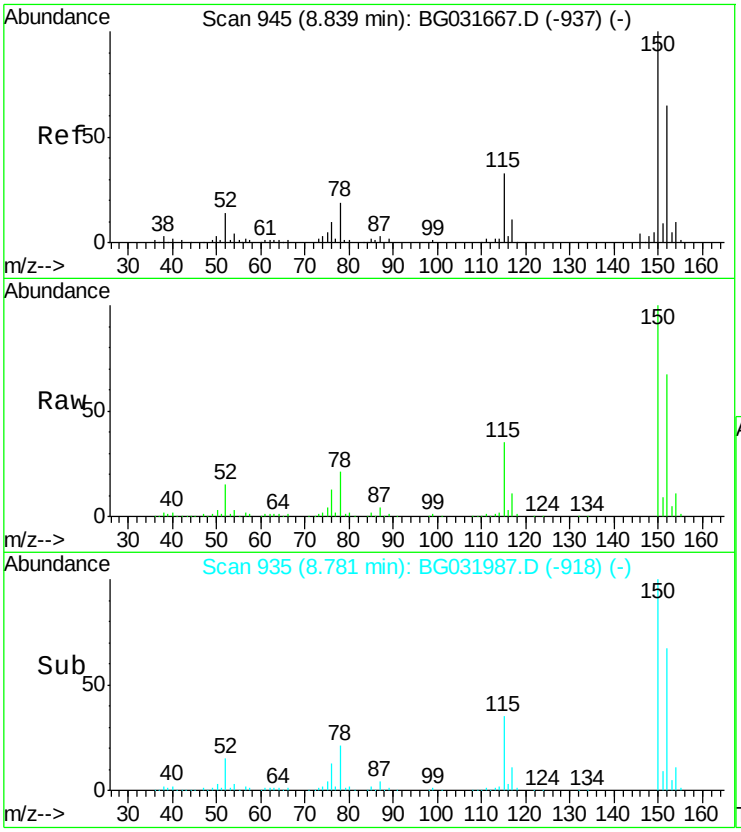


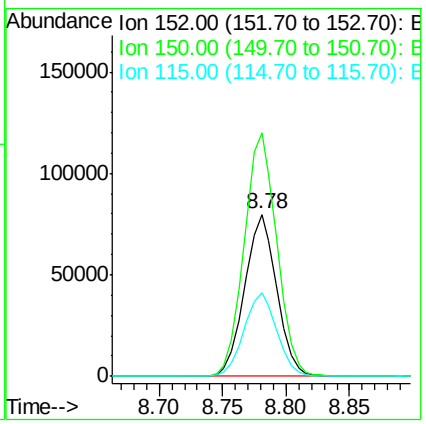


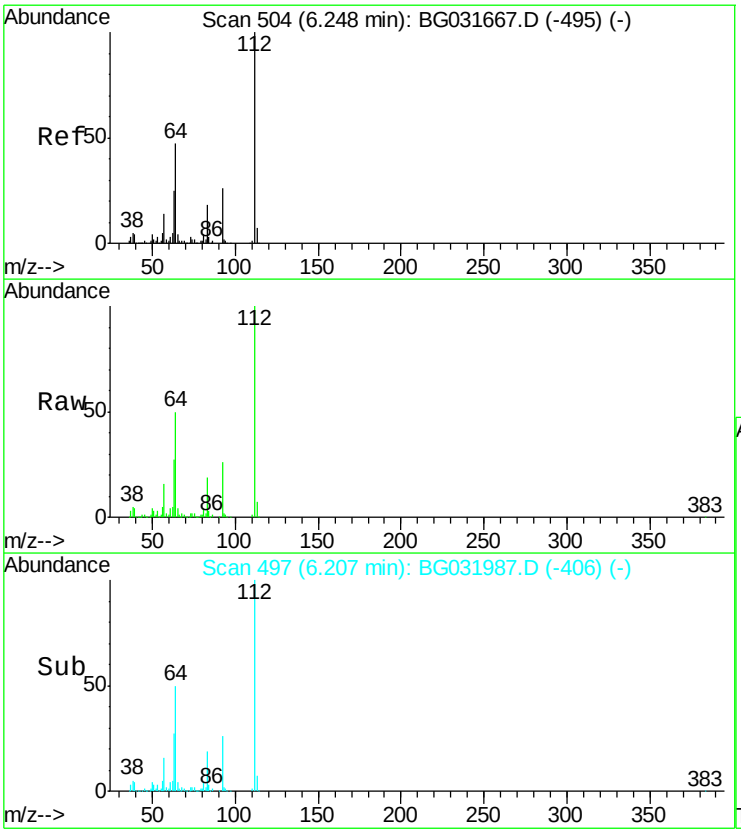
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:152 Resp: 140365

Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	52.0	53.0	79.4#

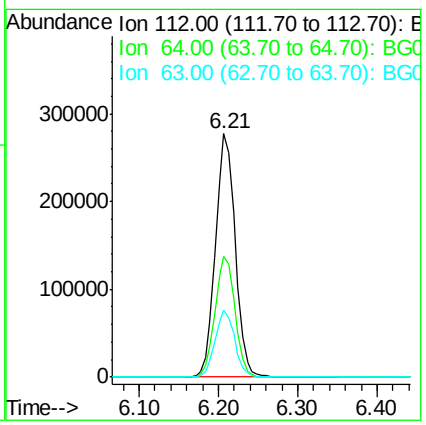


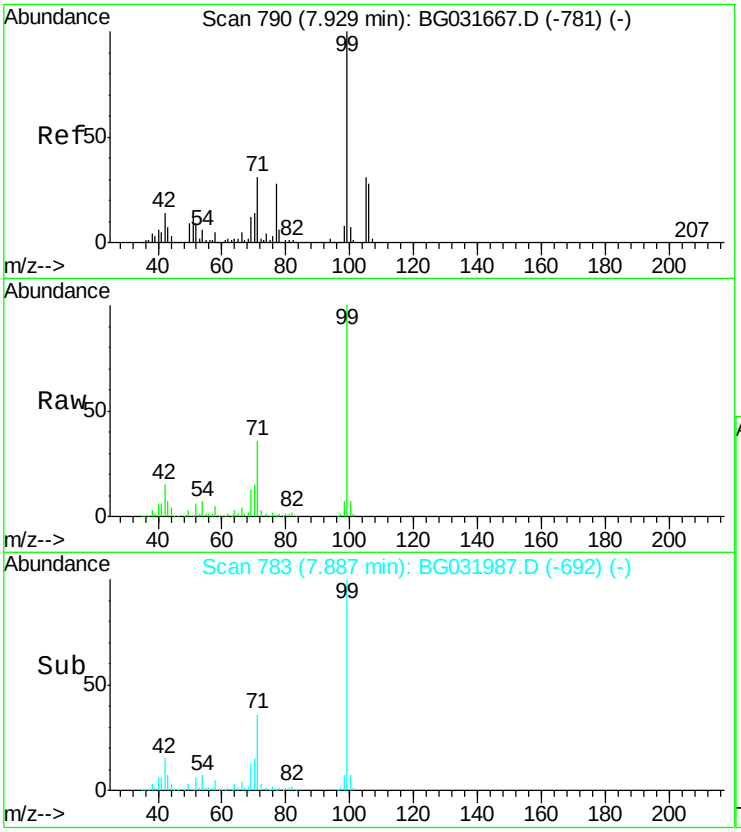


#5
2-Fluorophenol
Concen: 62.086 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:112 Resp: 478465

Ion	Ratio	Lower	Upper
112	100		
64	49.9	56.3	84.5#
63	27.4	30.1	45.1#



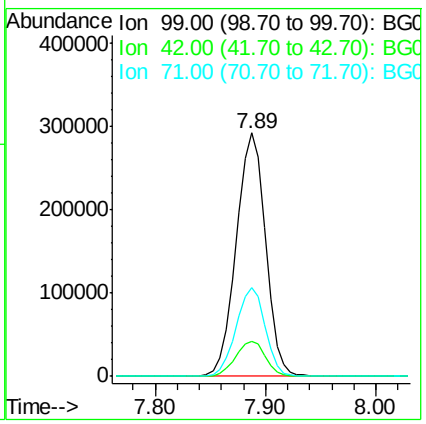


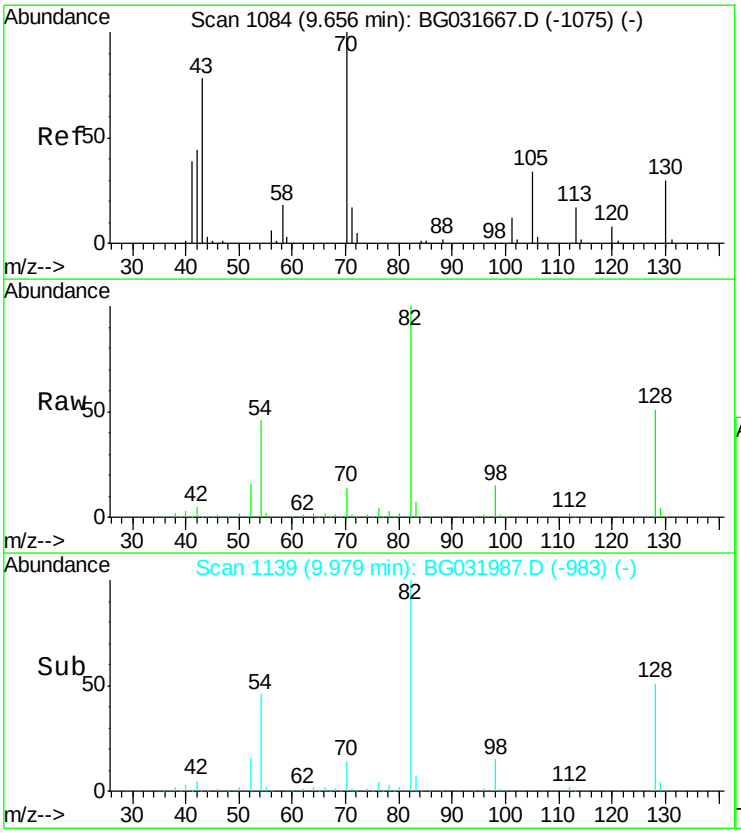
#7
Phenol-d6
Concen: 54.552 ng
RT: 7.89 min Scan# 783
Delta R.T. 0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion: 99 Resp: 545820

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	36.4	26.1	39.1

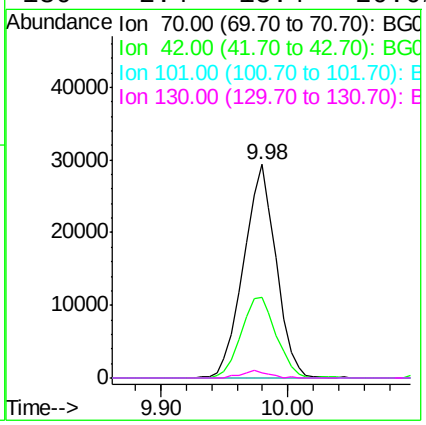


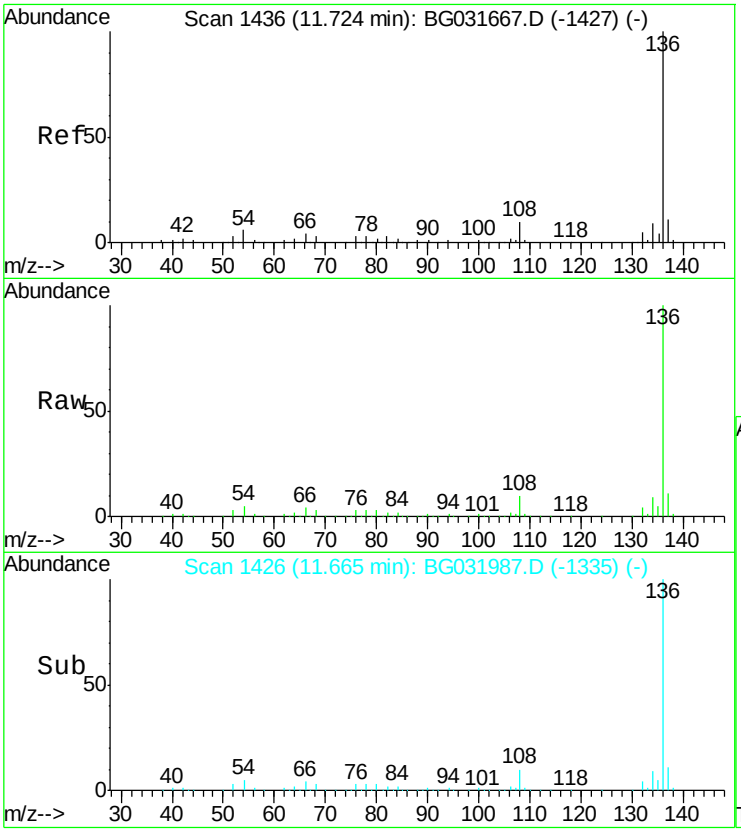


#19
n-Nitroso-di-n-propylamine
Concen: 7.663 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.39 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion: 70 Resp: 52360

Ion	Ratio	Lower	Upper
70	100		
42	38.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



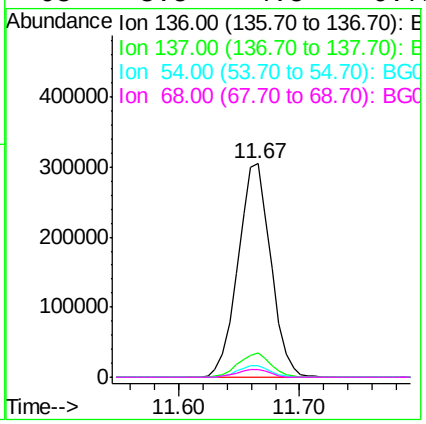


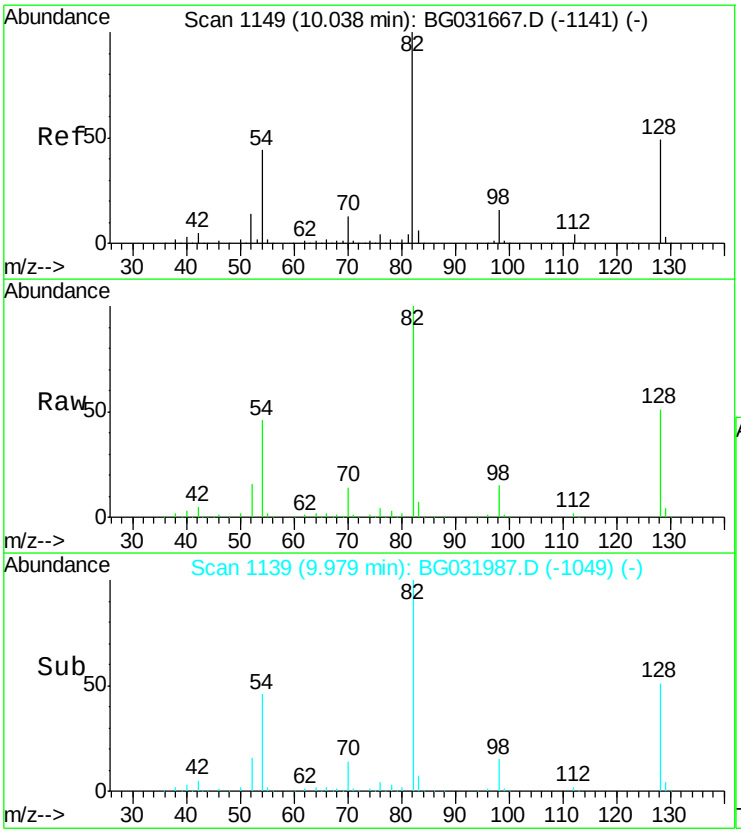
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:136 Resp: 576415

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.3	10.3	15.5#
68	3.5	4.5	6.7#

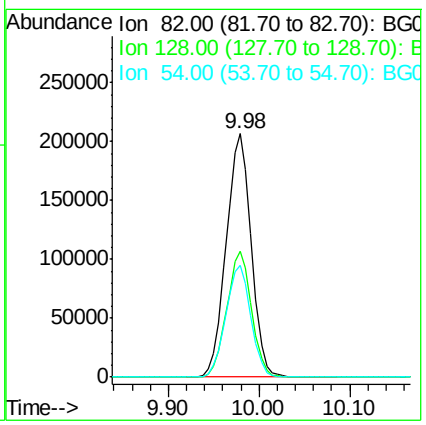


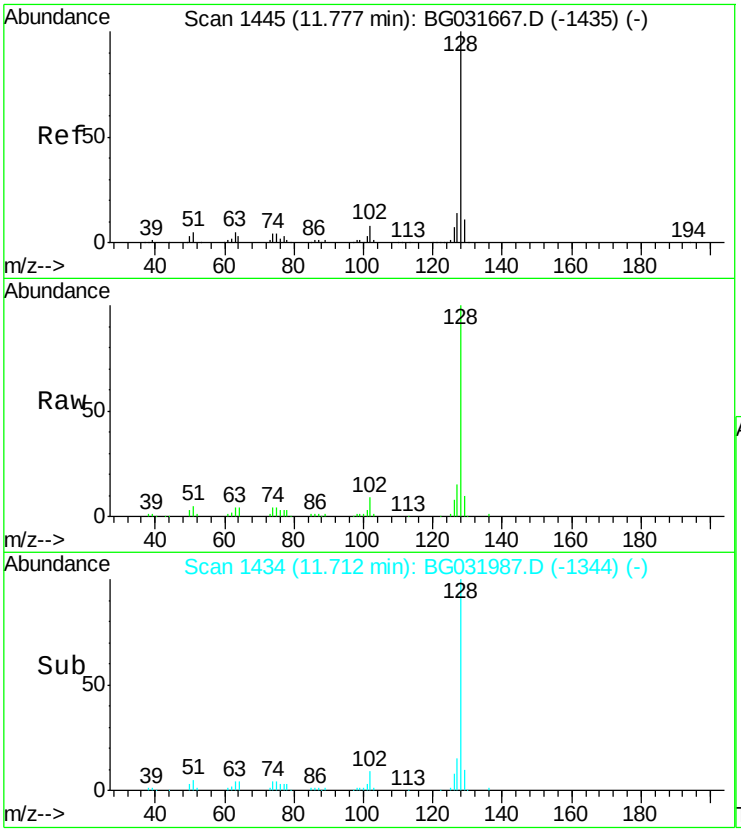


#23
Nitrobenzene-d5
Concen: 51.911 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion: 82 Resp: 396258

Ion	Ratio	Lower	Upper
82	100		
128	51.4	29.7	44.5#
54	45.7	43.1	64.7



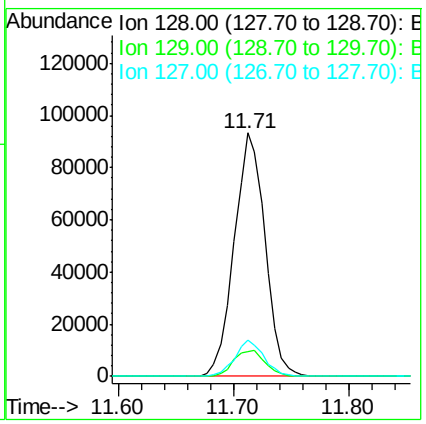


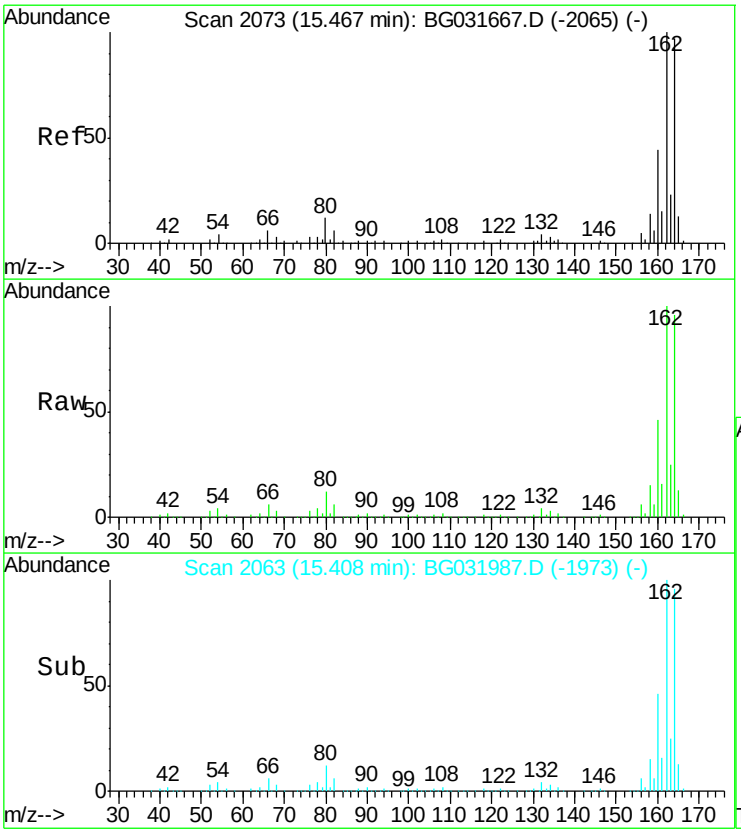
#31
Naphthalene
Concen: 5.912 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:128 Resp: 171978

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	14.7	11.6	17.4

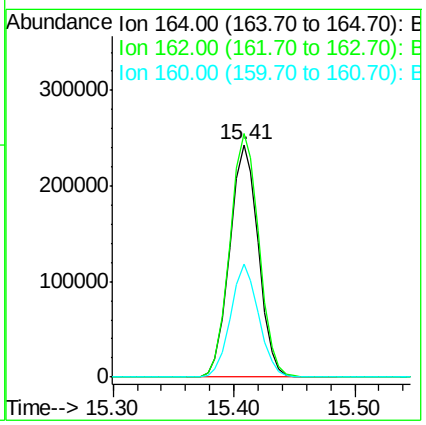


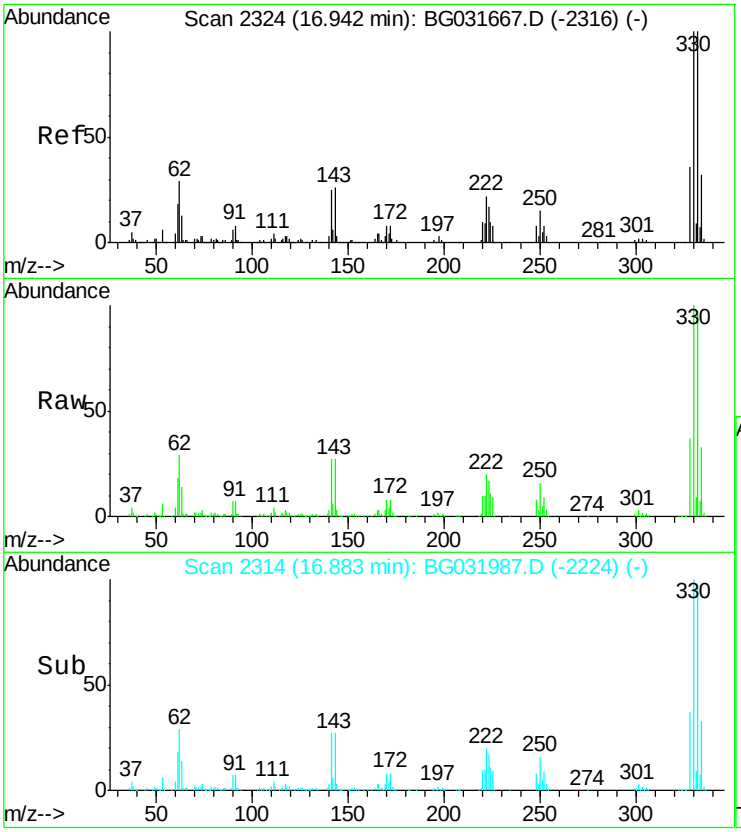


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:164 Resp: 399957

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	48.5	35.4	53.0



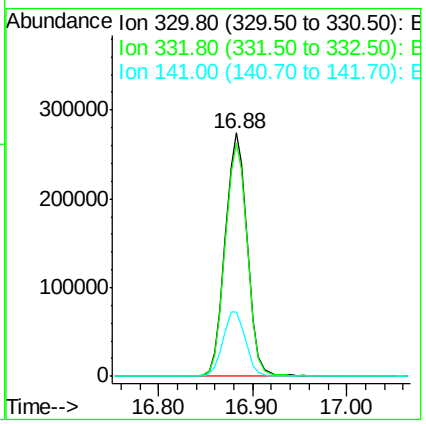


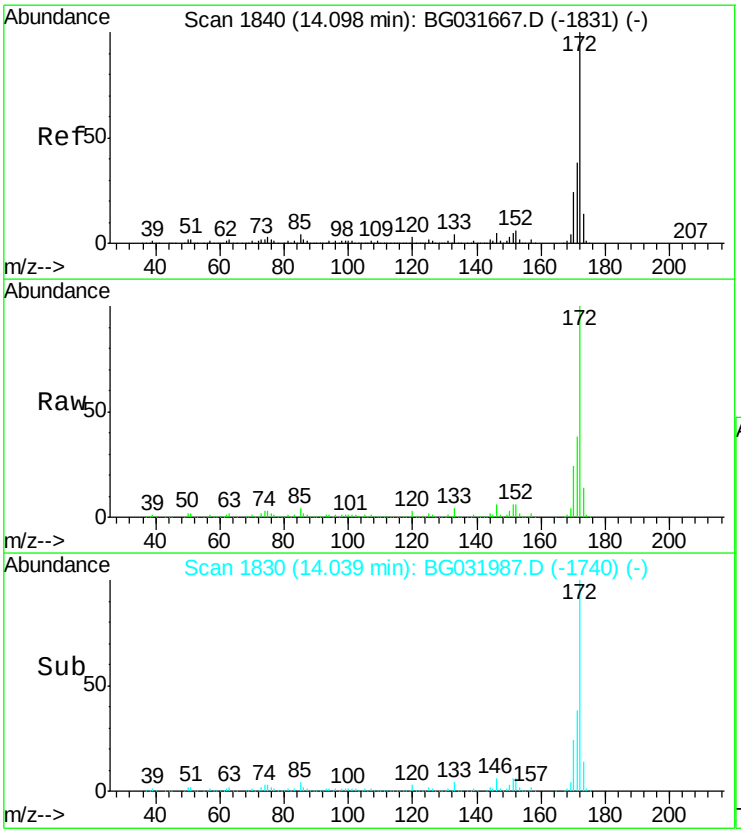
#41
2,4,6-Tribromophenol
Concen: 73.061 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:330 Resp: 445875

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	27.2	25.2	37.8

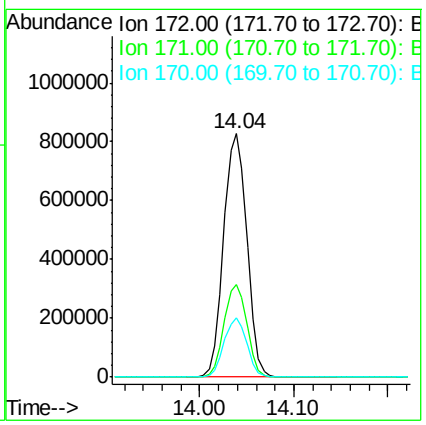


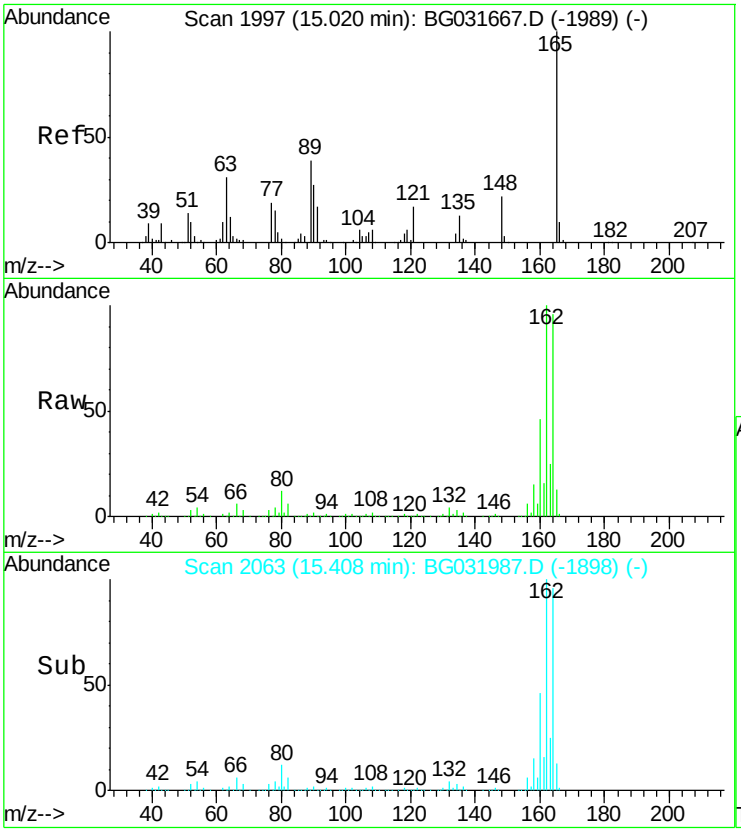


#44
2-Fluorobiphenyl
Concen: 44.469 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:172 Resp: 1417034

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.2	19.5	29.3



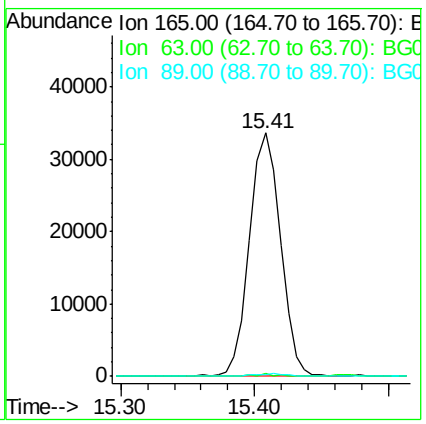


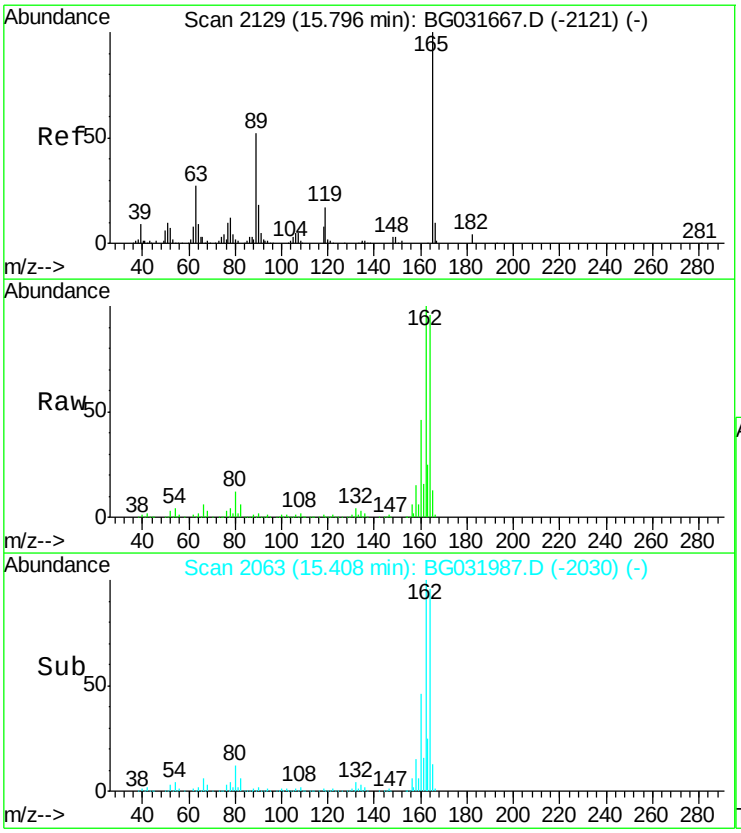
#50
2,6-Dinitrotoluene
Concen: 8.334 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.44 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:165 Resp: 54019

Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	0.7	49.2	73.8#

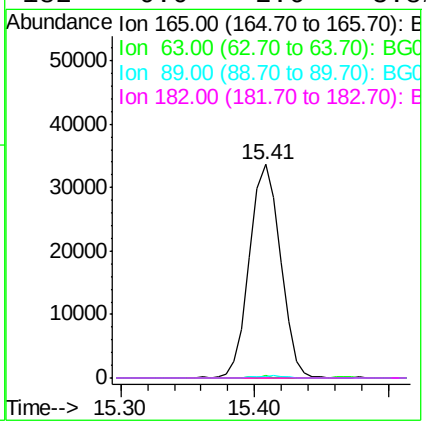


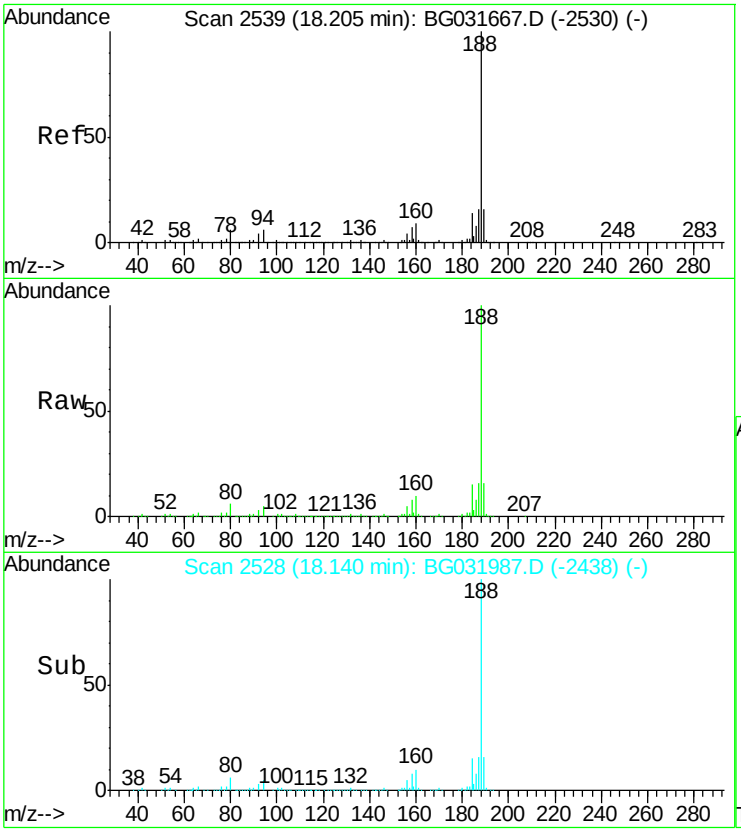


#56
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.34 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:165 Resp: 54019

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	0.7	66.9	100.3#
182	0.0	2.6	3.8#



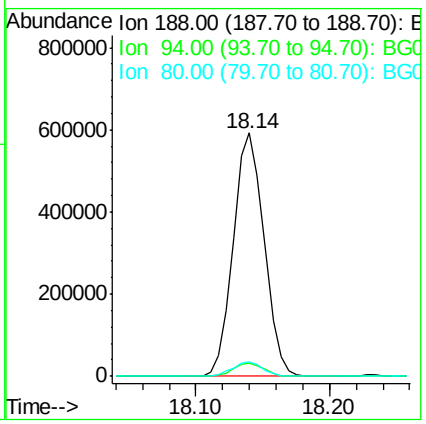


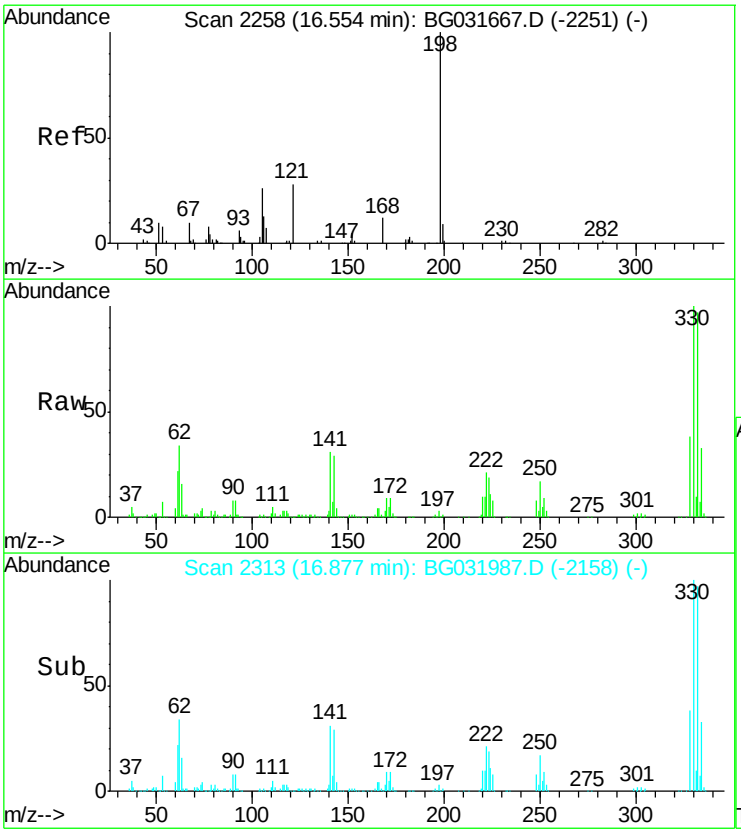
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:188 Resp: 946781

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.7	7.7	11.5#

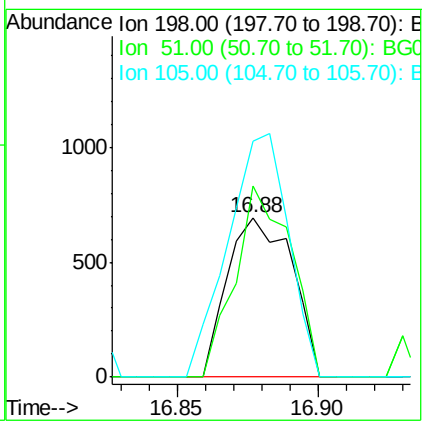


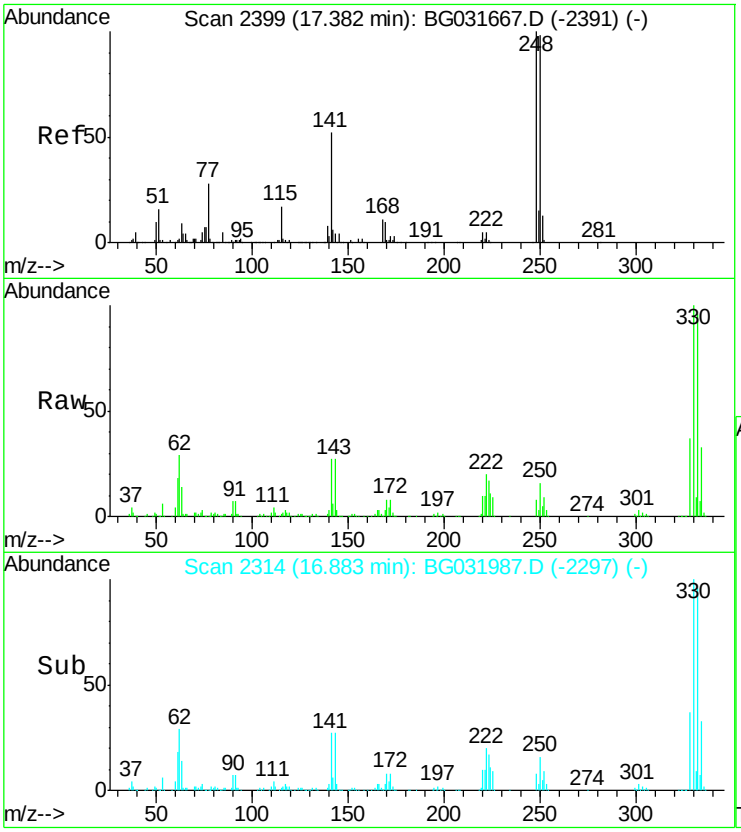


#64
4,6-Dinitro-2-methylphenol
Concen: 8.503 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.38 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:198 Resp: 1100

Ion	Ratio	Lower	Upper
198	100		
51	120.2	30.6	70.6#
105	148.3	23.8	63.8#



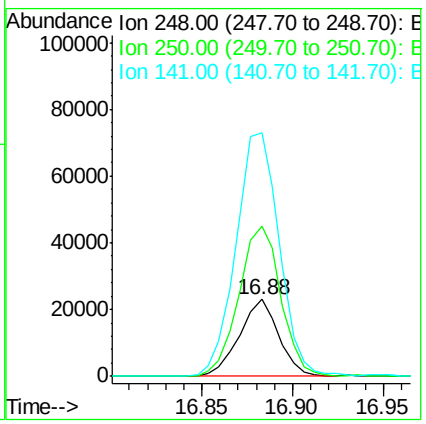


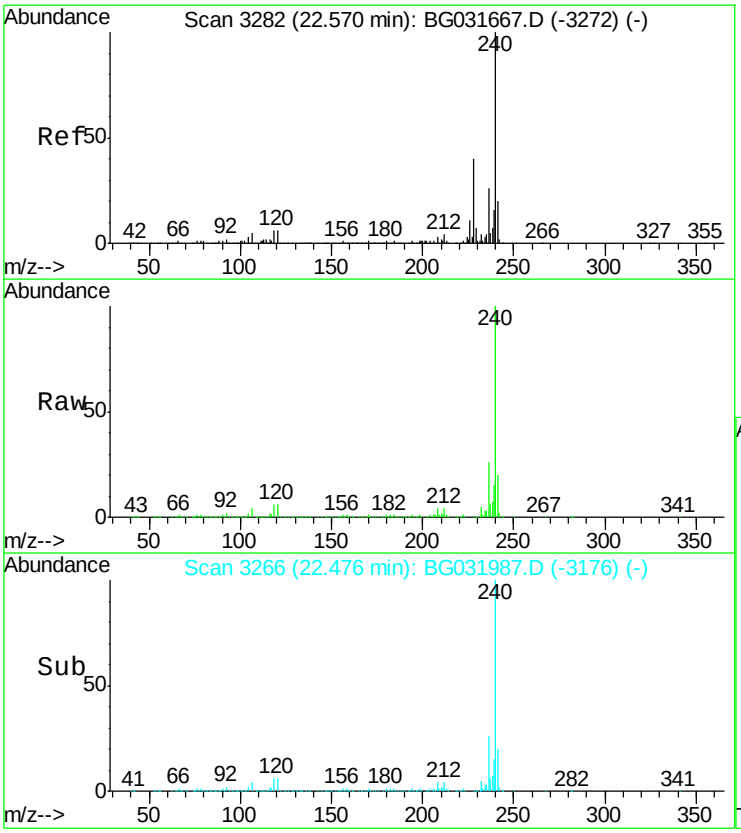
#66
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.43 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:248 Resp: 34953

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.1	115.7#
141	317.7	50.8	76.2#

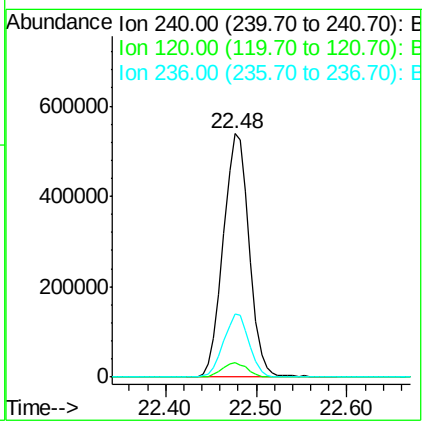


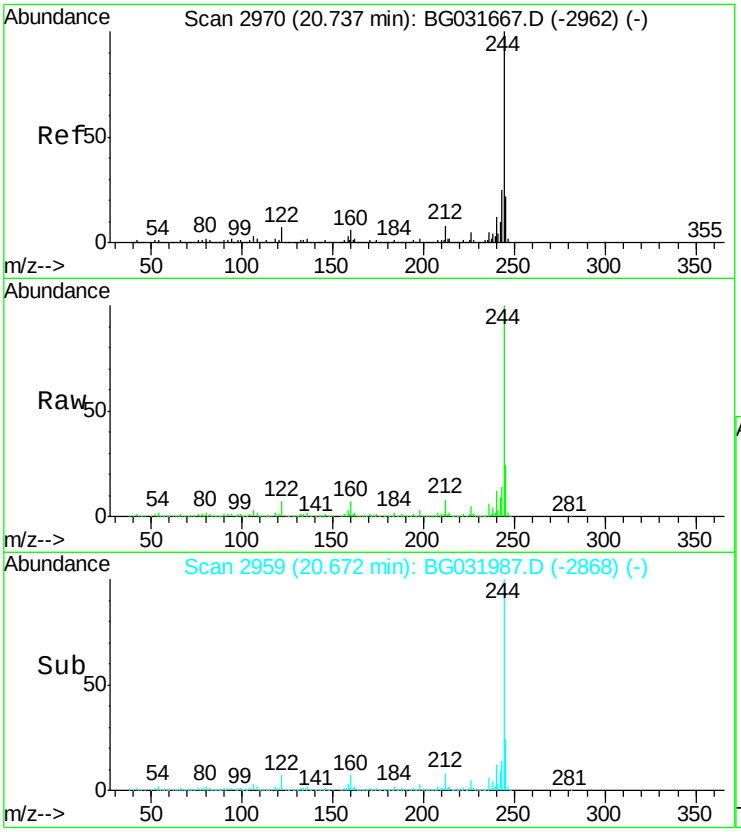


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:240 Resp: 1070553

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.8	20.9	31.3



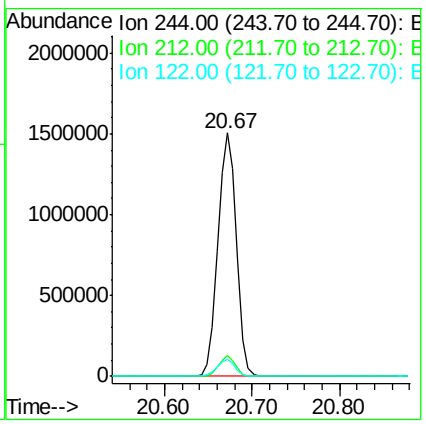


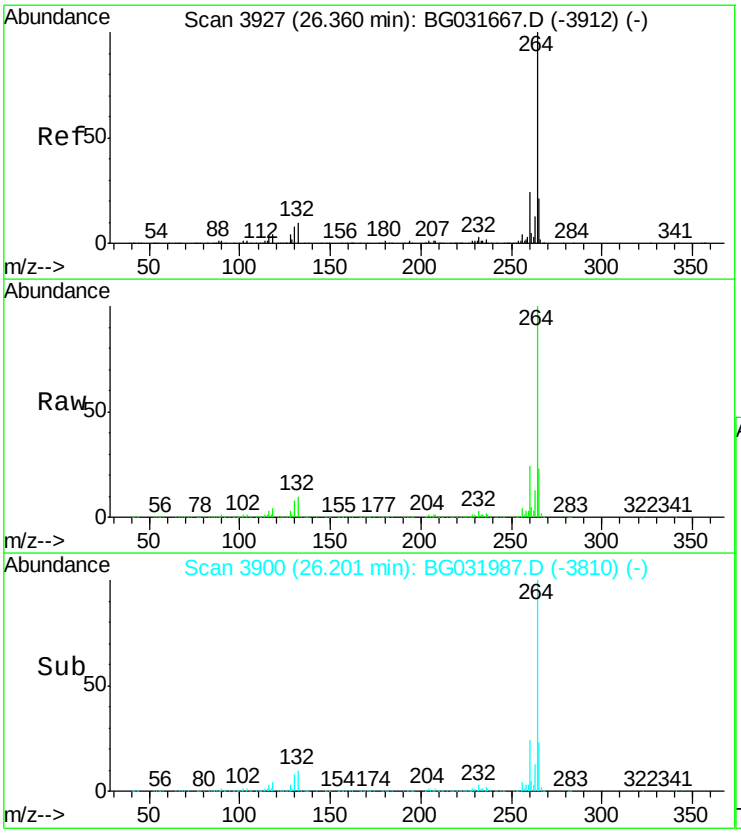
#78
Terphenyl-d14
Concen: 47.056 ng
RT: 20.67 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Instrument :
BNA_G
ClientSampleId :
NB-08-010918

Tgt Ion:244 Resp: 2204989

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.00 min
Lab File: BG031987.D
Acq: 11 Jan 2018 17:01

Tgt Ion:264 Resp: 1098905

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.1	17.7	26.5