Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031745.D
Acq On : 23 Dec 2017 12:40
Operator : SJ/JU
Sample : I6677-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-122117-A

Quant Time: Dec 25 04:45:47 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	8.82	152	48236	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	195283	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	130729	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	339782	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	396783	20.00	ng		-0.02
86) Perylene-d12	26.33	264	430926	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	380363	143.62	ng		0.00
7) Phenol-d6	7.92	99	443043	128.85	ng		0.00
23) Nitrobenzene-d5	10.03	82	288666	111.62	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	361068	181.01	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	1017188	97.66	ng		-0.01
78) Terphenyl-d14	20.73	244	1880287	108.27	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.34	77	9432	4.556	ng		98
19) n-Nitroso-di-n-propylamine	10.03	70	36957	15.738	ng	#	71
31) Naphthalene	11.76	128	30173	3.062	ng	#	96
32) Benzoic acid	10.90	122	57	6.719	ng	#	1
50) 2,6-Dinitrotoluene	15.46	165	17237	8.136	ng	#	20
56) 2,4-Dinitrotoluene	15.46	165	17237	6.327	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.92	198	712	8.662	ng	#	20
66) 4-Bromophenyl-phenylether	16.93	248	28345	5.769	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
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Acq On : 23 Dec 2017 12:40
Operator : SJ/JU
Sample : I6677-10
Misc :
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Instrument :
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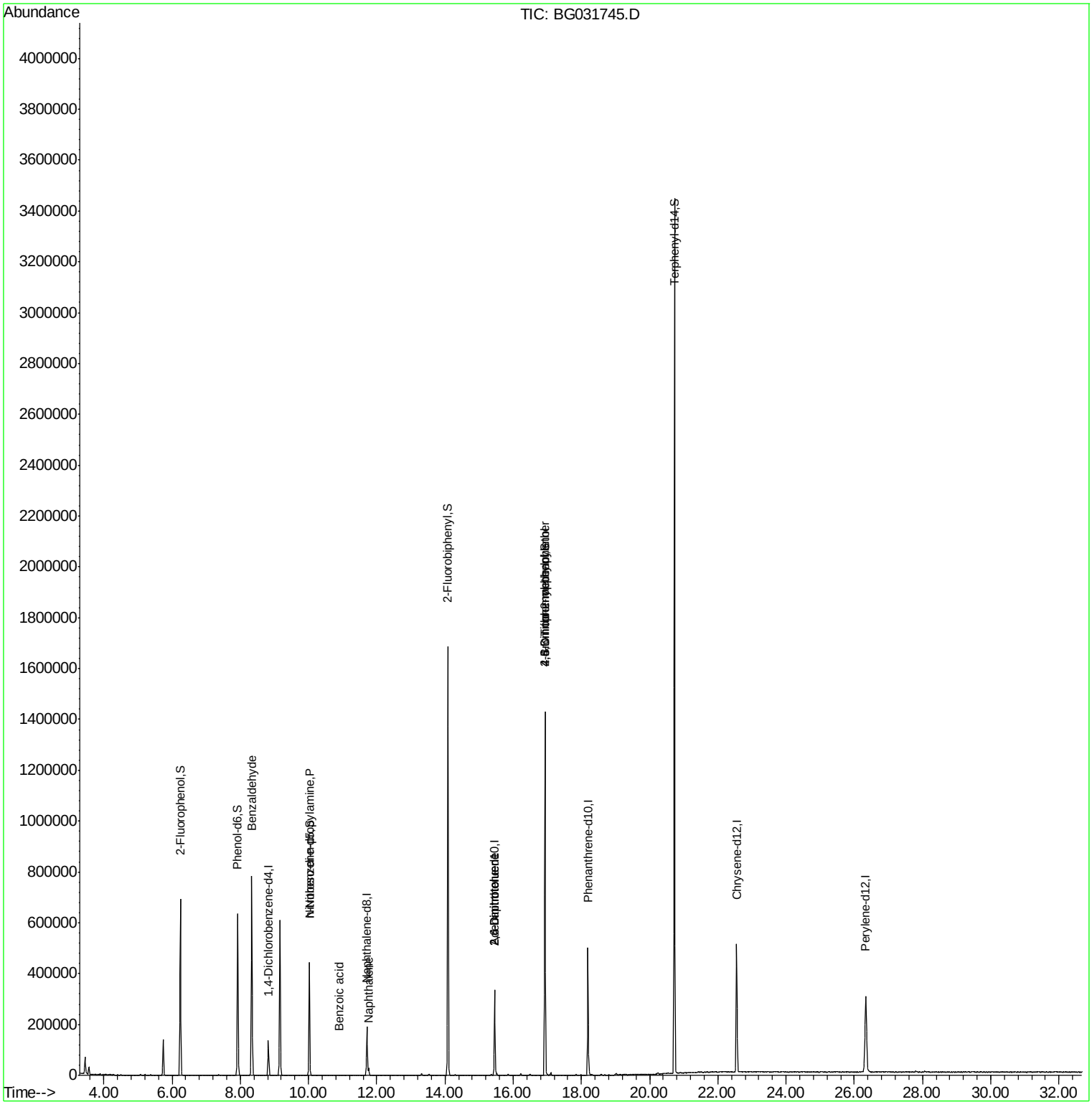
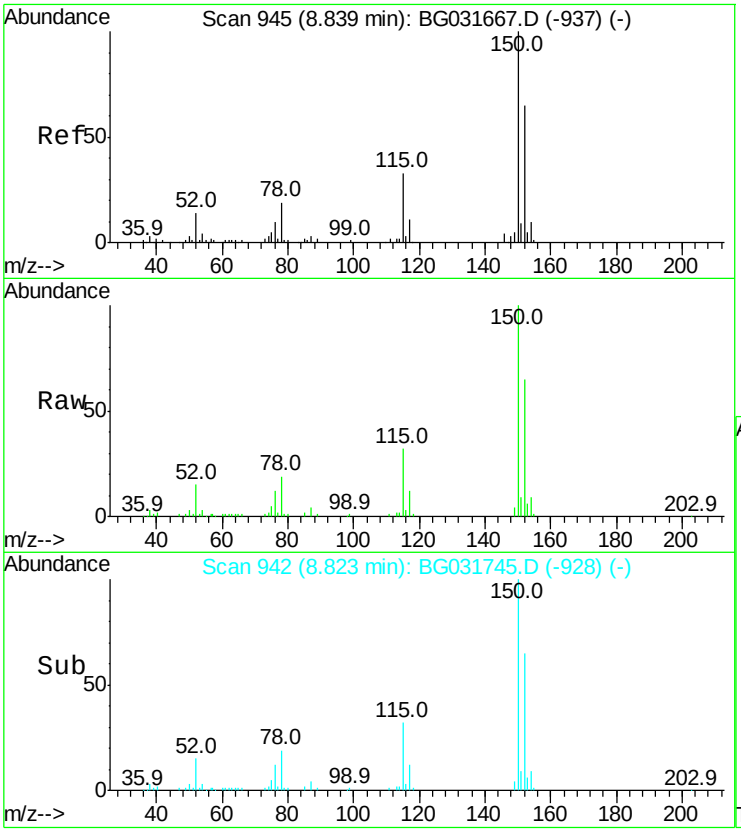


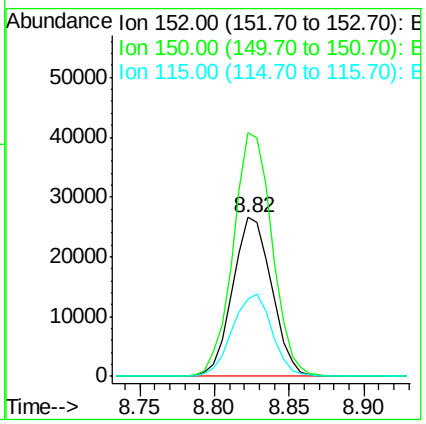


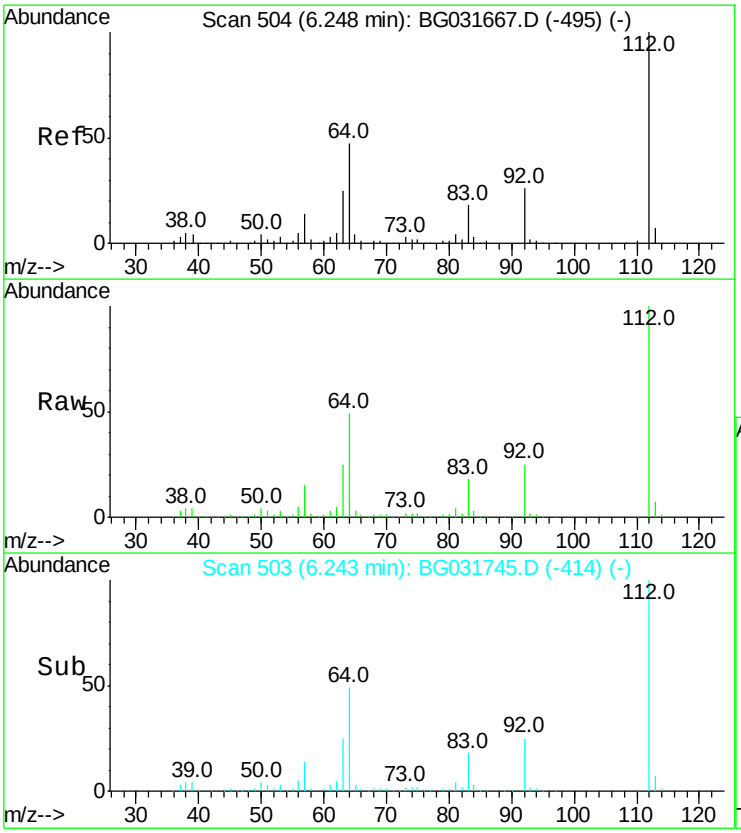
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:152 Resp: 48236

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	48.5	53.0	79.4#

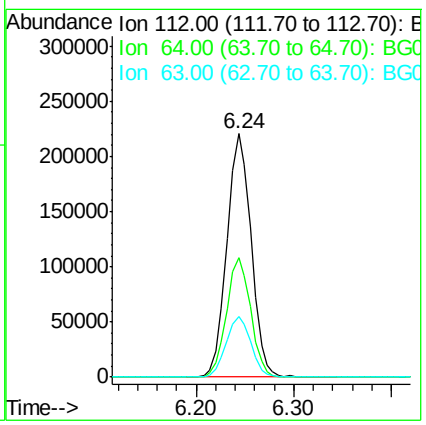


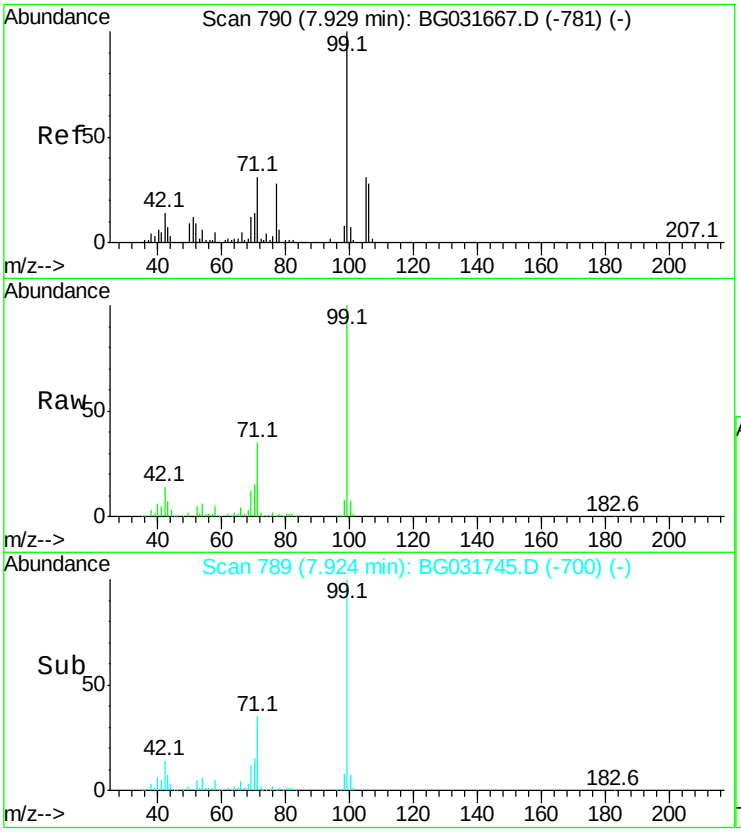


#5
2-Fluorophenol
Concen: 143.625 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:112 Resp: 380363

Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	24.8	30.1	45.1#



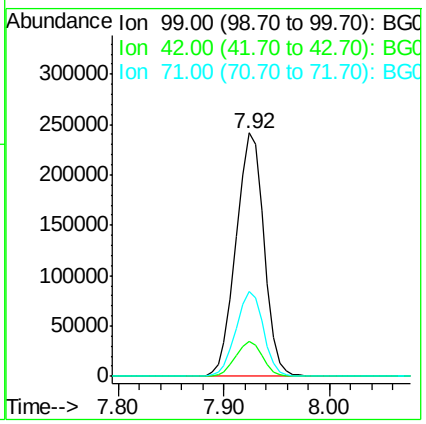


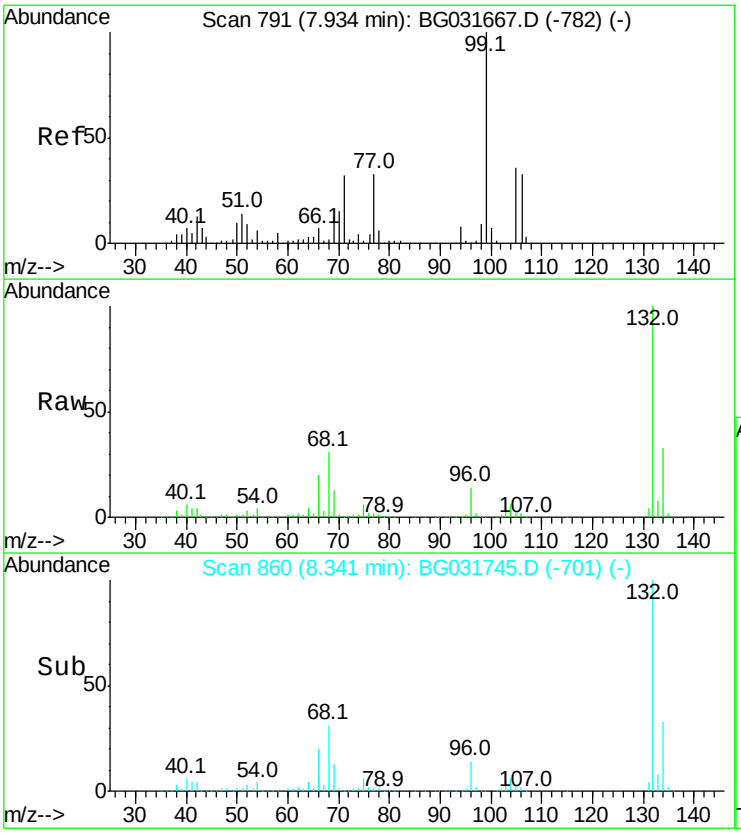
#7
Phenol-d6
Concen: 128.852 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion: 99 Resp: 443043

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.1	21.1
71	35.1	26.1	39.1

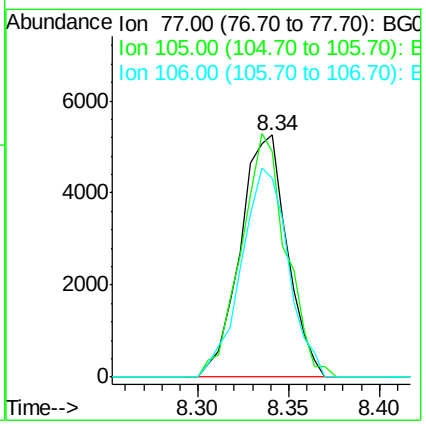


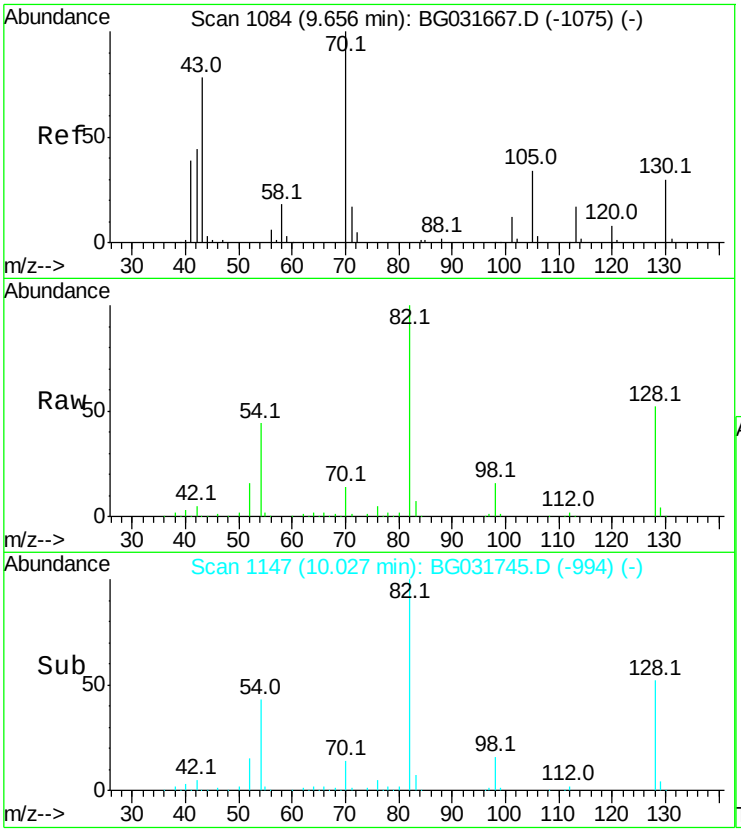


#9
Benzaldehyde
Concen: 4.556 ng
RT: 8.34 min Scan# 860
Delta R.T. 0.41 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion: 77 Resp: 9432

Ion	Ratio	Lower	Upper
77	100		
105	93.4	71.3	111.3
106	82.2	64.2	104.2



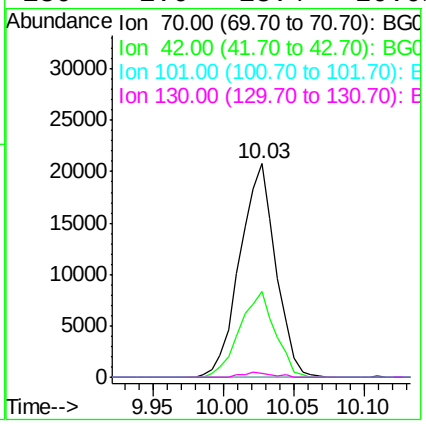


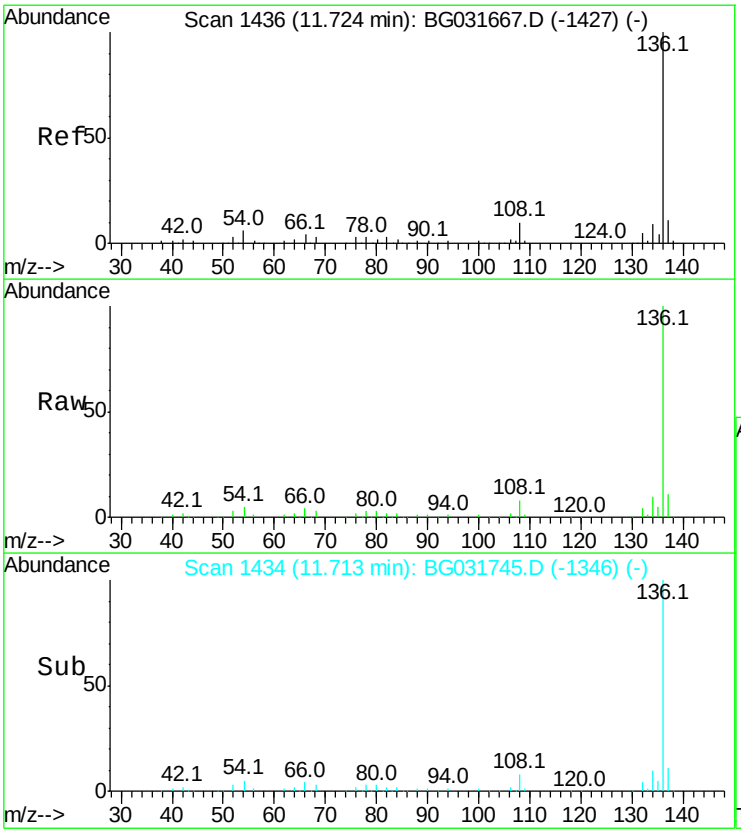
#19
n-Nitroso-di-n-propylamine
Concen: 15.738 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument : BNA_G
ClientSampleId : OR-02-122117-A

Tgt Ion: 70 Resp: 36957

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#

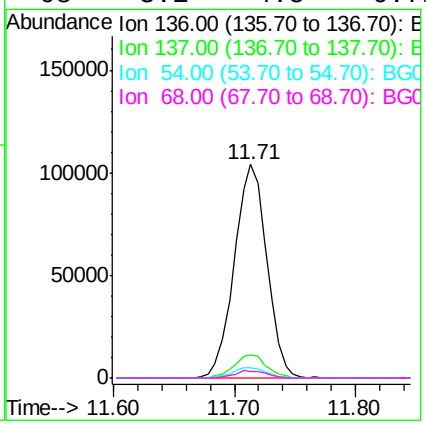


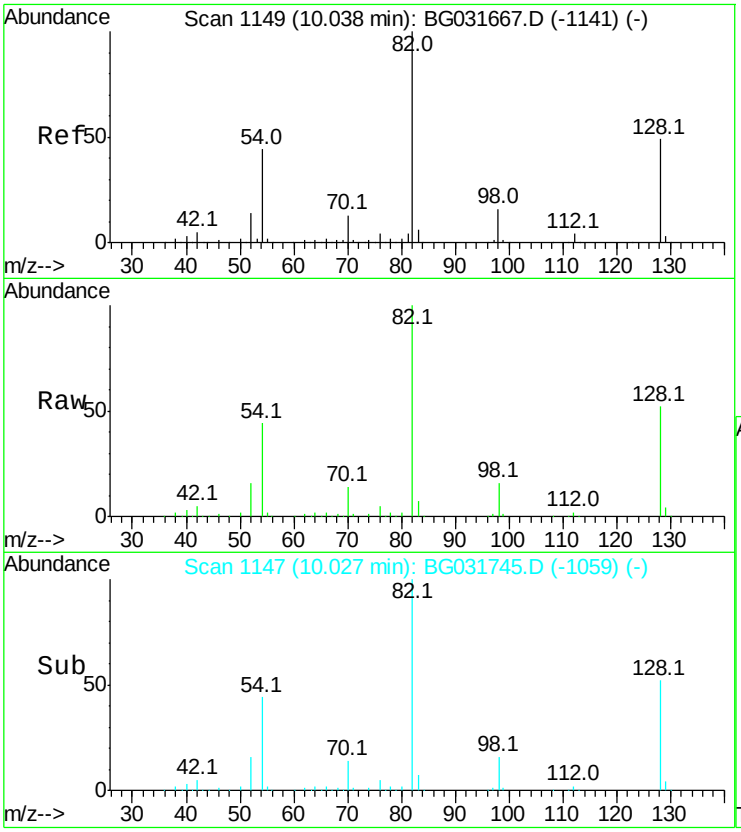


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:136 Resp: 195283

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	4.9	10.3	15.5#
68	3.1	4.5	6.7#



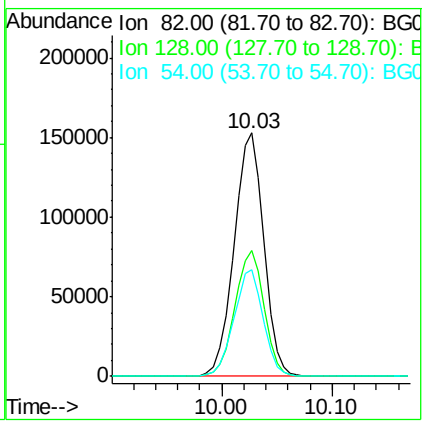


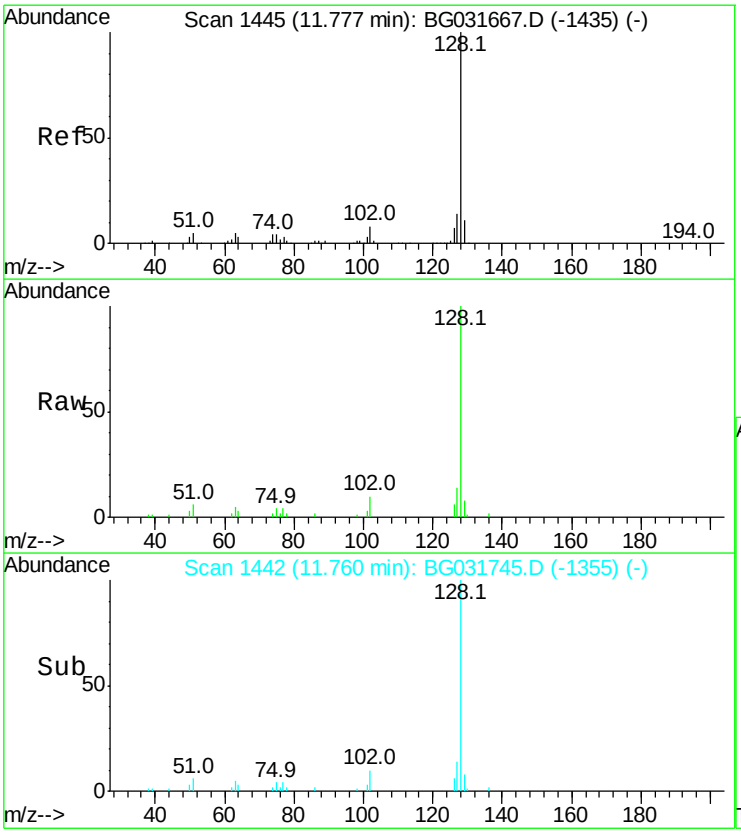
#23
Nitrobenzene-d5
Concen: 111.622 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion: 82 Resp: 288666

Ion	Ratio	Lower	Upper
82	100		
128	51.9	29.7	44.5#
54	43.7	43.1	64.7

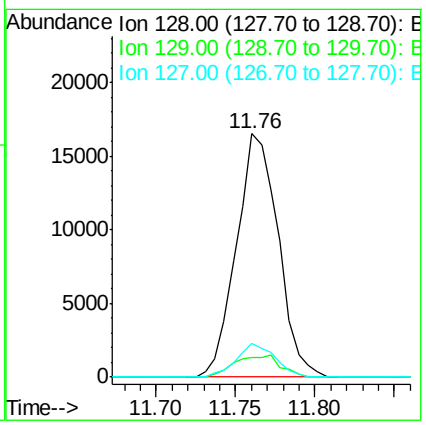


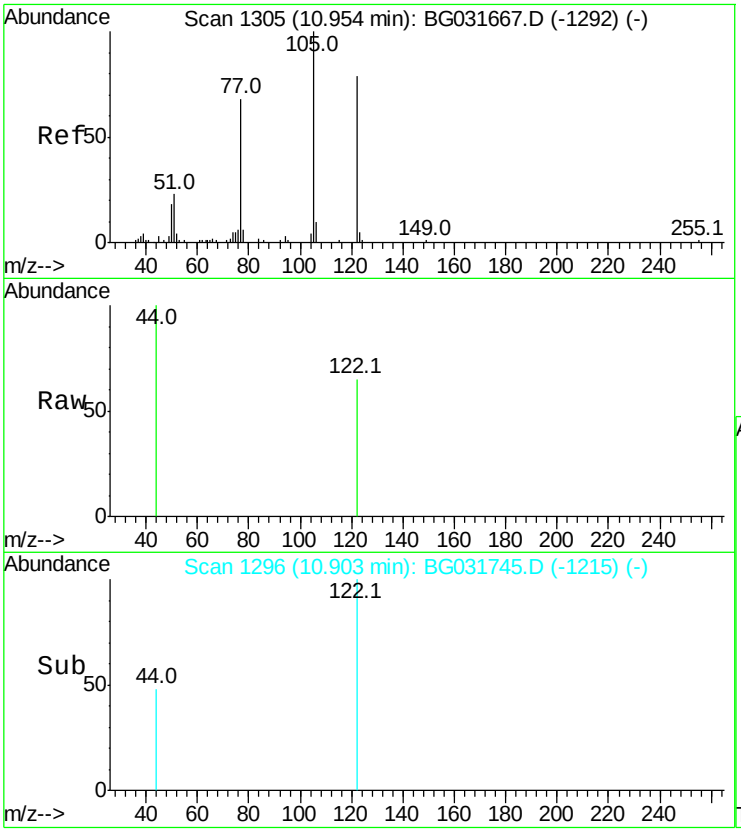


#31
Naphthalene
Concen: 3.062 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:128 Resp: 30173

Ion	Ratio	Lower	Upper
128	100		
129	8.0	8.6	12.8#
127	13.7	11.6	17.4



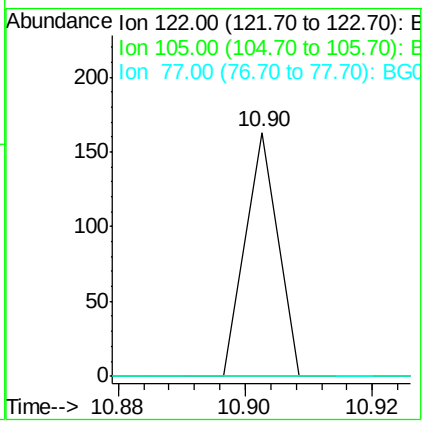


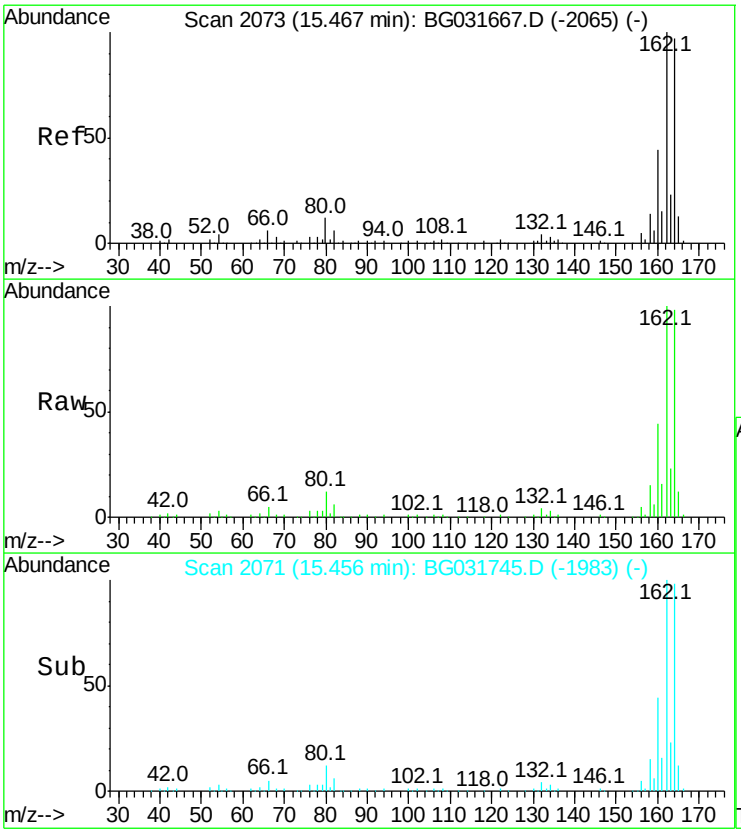
#32
Benzoic acid
Concen: 6.719 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.05 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:122 Resp: 57

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

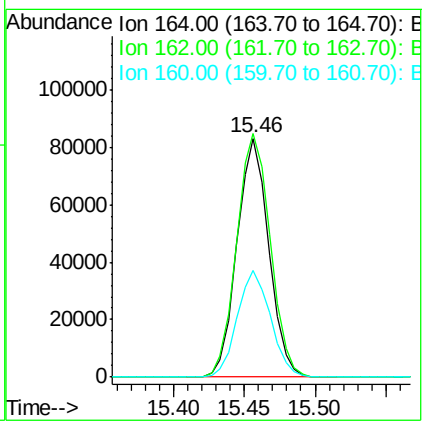


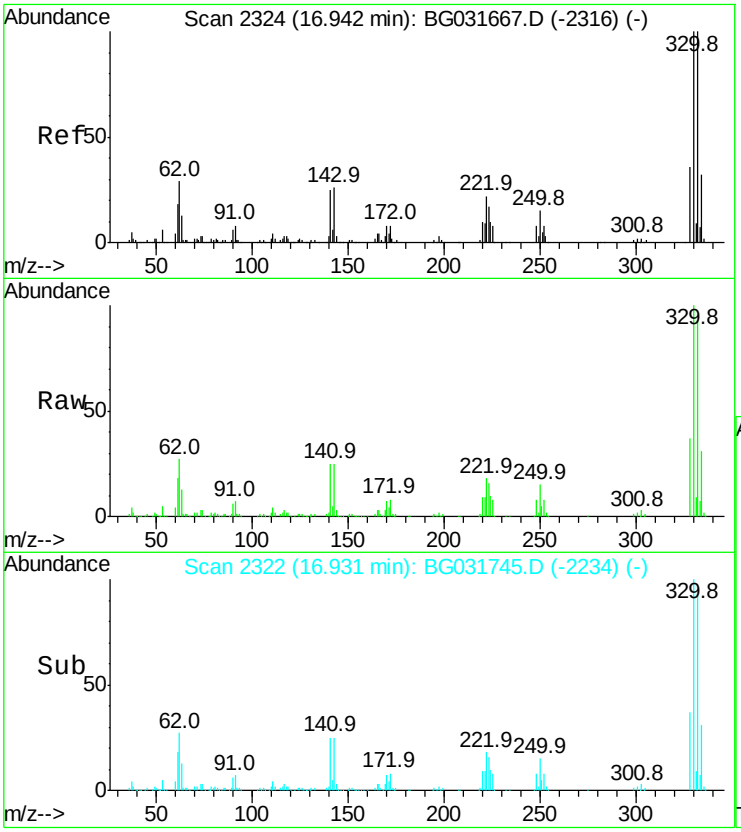


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:164 Resp: 130729

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	44.4	35.4	53.0



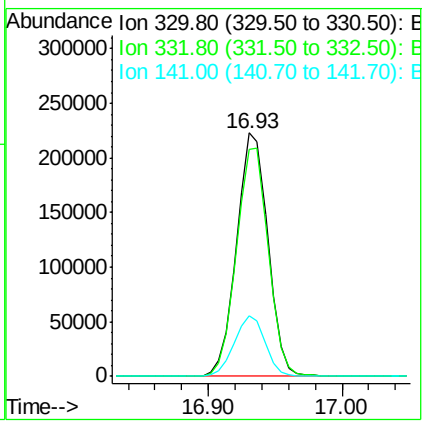


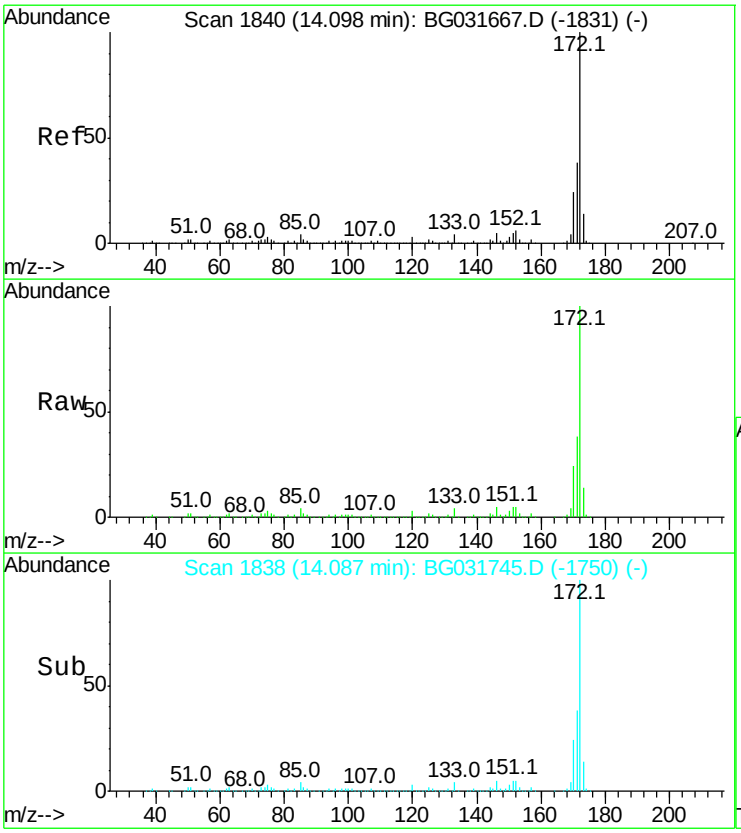
#41
2,4,6-Tribromophenol
Concen: 181.010 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:330 Resp: 361068

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	24.6	25.2	37.8#

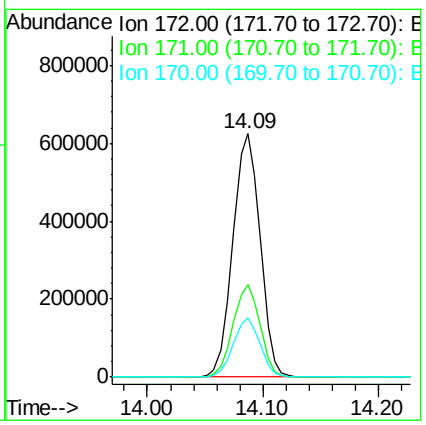


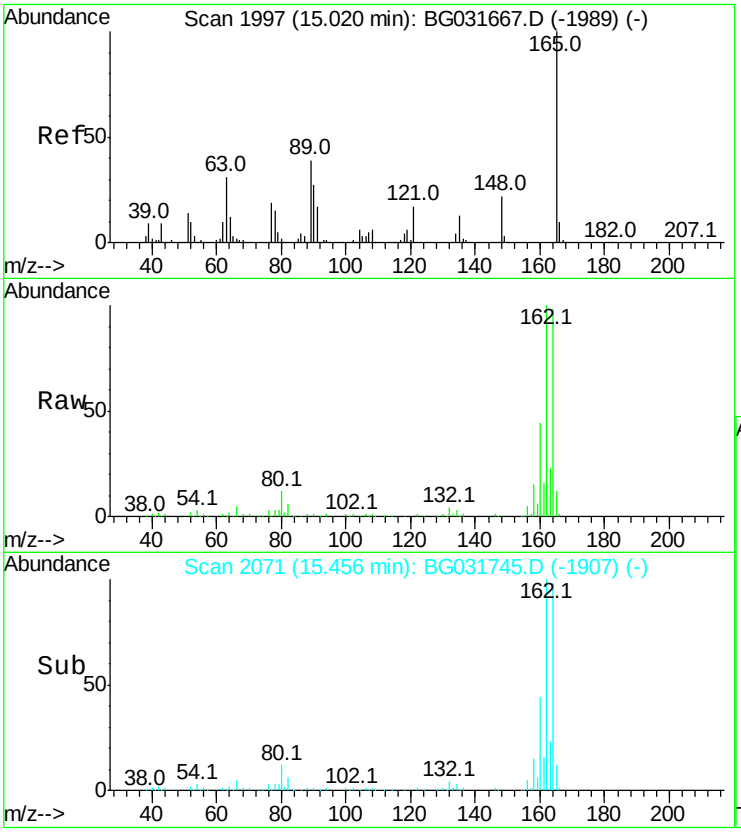


#44
2-Fluorobiphenyl
Concen: 97.661 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:172 Resp: 1017188

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.2	19.5	29.3



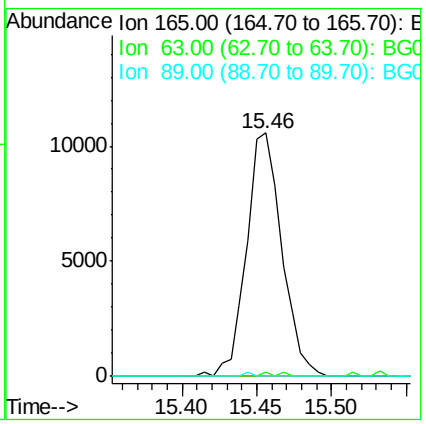


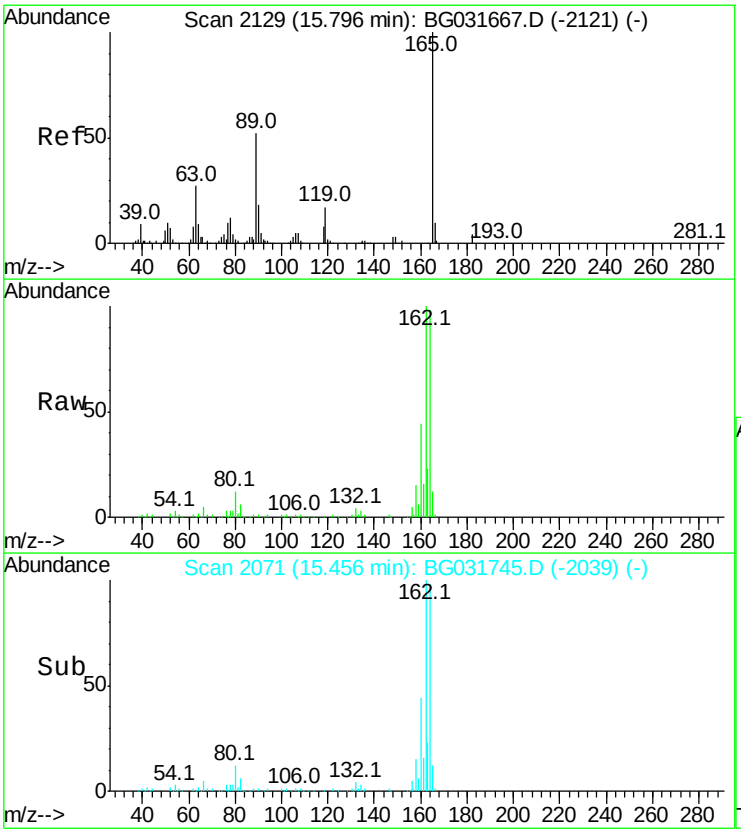
#50
2,6-Dinitrotoluene
Concen: 8.136 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:165 Resp: 17237

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	0.0	49.2	73.8#

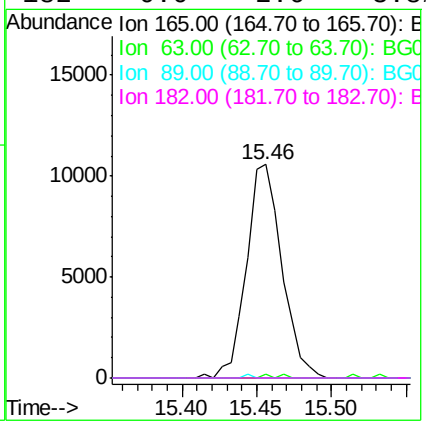


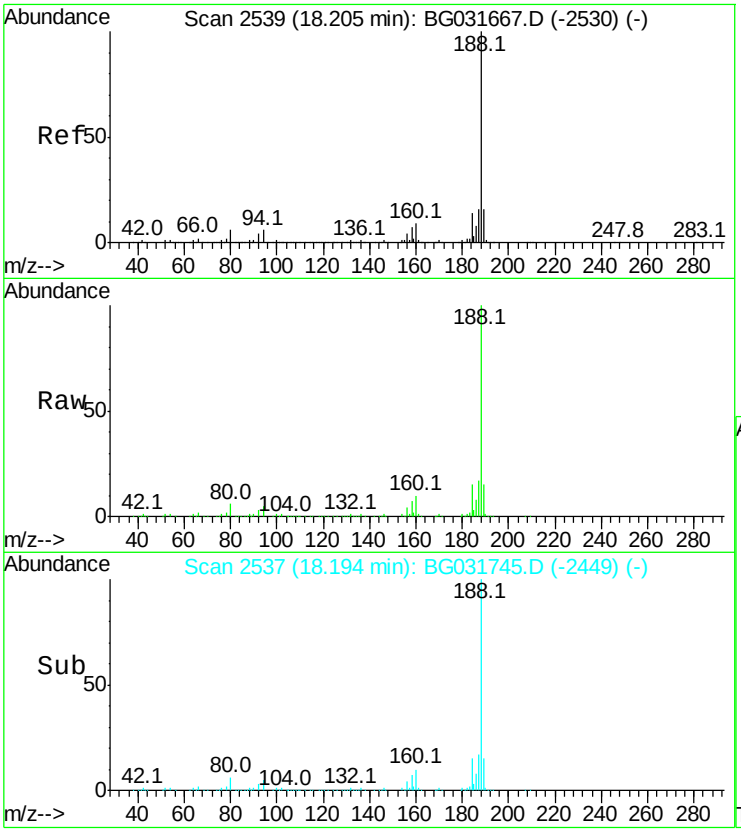


#56
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:165 Resp: 17237

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



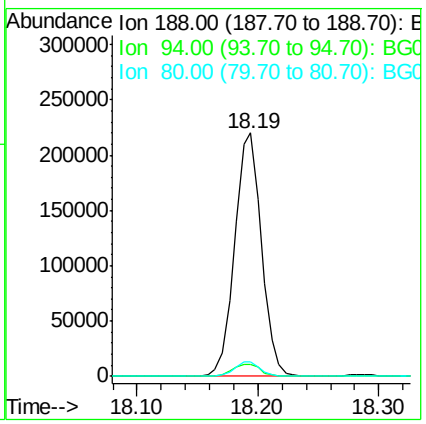


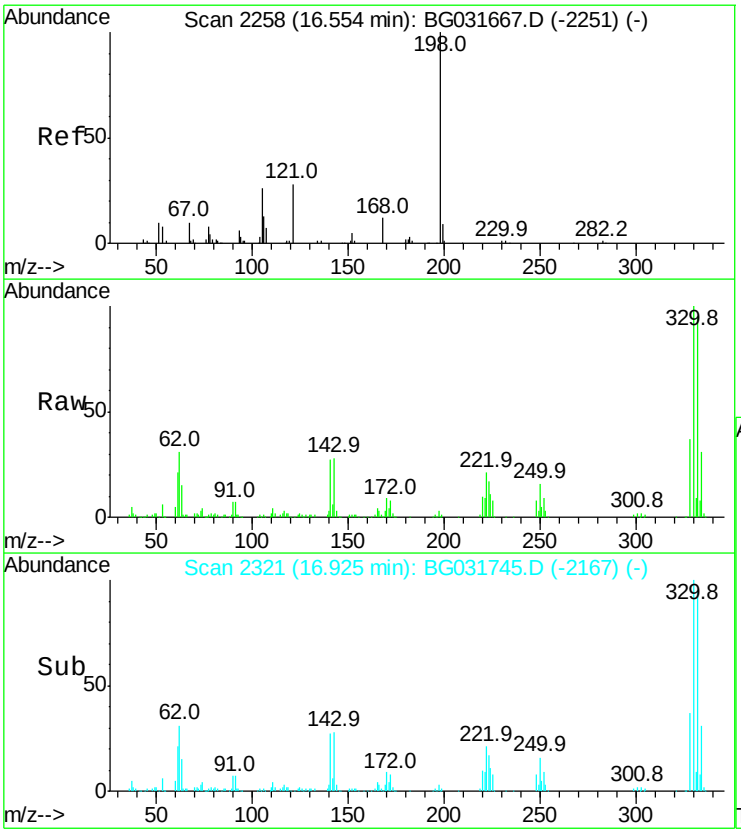
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:188 Resp: 339782

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	6.0	7.7	11.5#

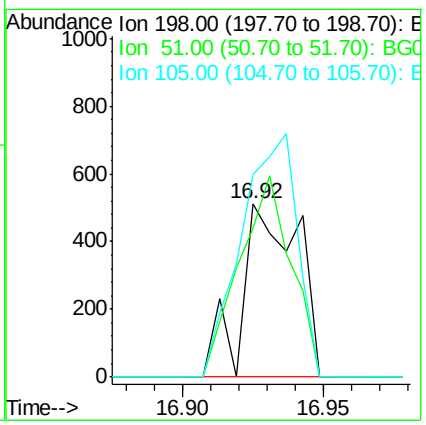


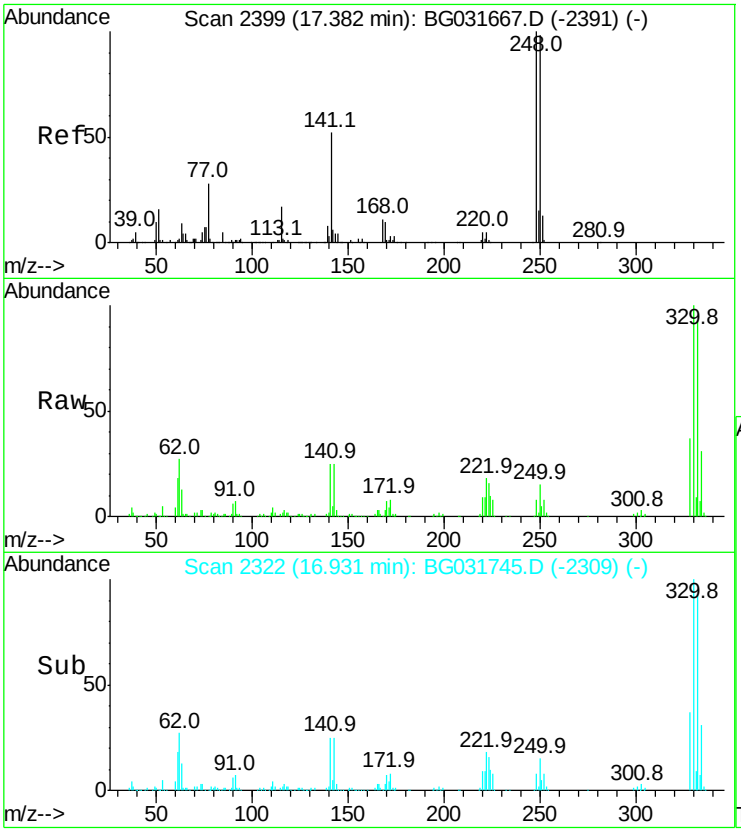


#64
4,6-Dinitro-2-methylphenol
Concen: 8.662 ng
RT: 16.92 min Scan# 2321
Delta R.T. 0.37 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:198 Resp: 712

Ion	Ratio	Lower	Upper
198	100		
51	85.9	30.6	70.6#
105	116.6	23.8	63.8#



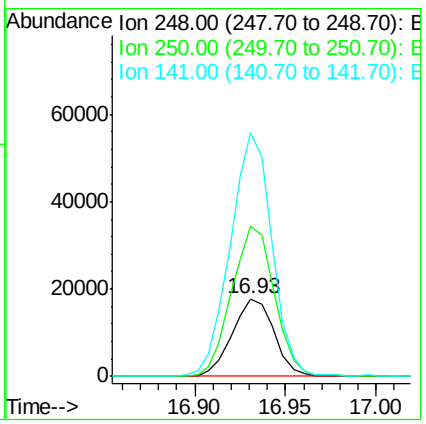


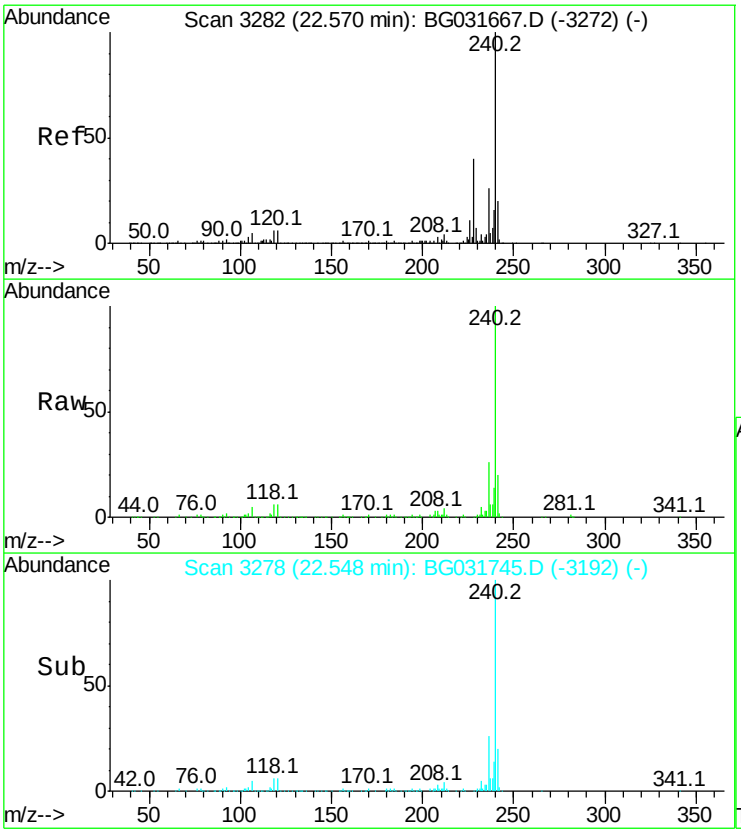
#66
4-Bromophenyl-phenylether
Concen: 5.769 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:248 Resp: 28345

Ion	Ratio	Lower	Upper
248	100		
250	193.2	77.1	115.7#
141	314.0	50.8	76.2#

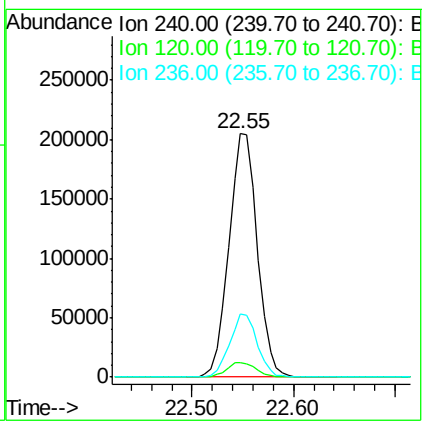


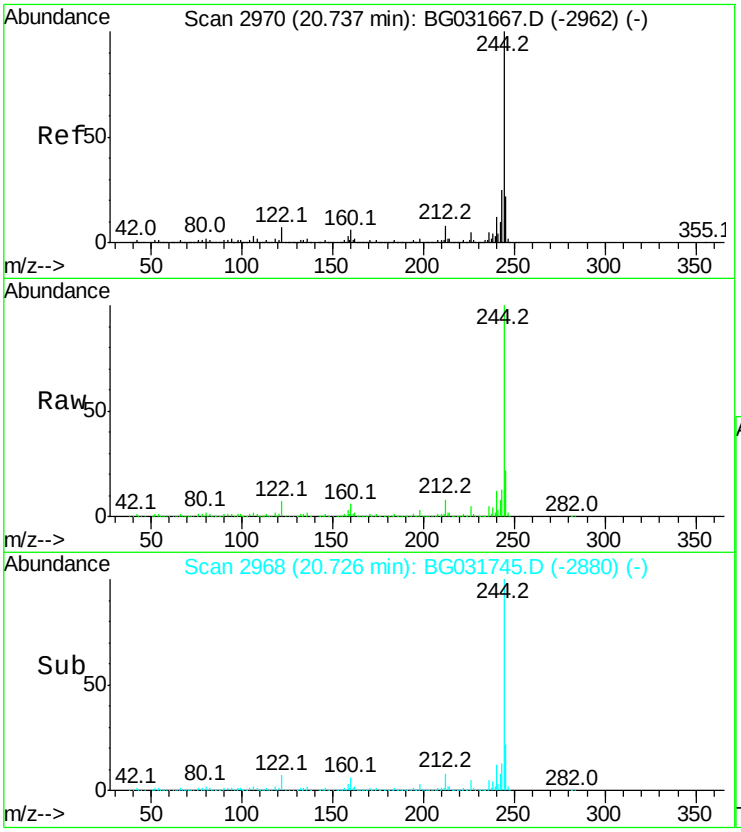


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:240 Resp: 396783

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.1	20.9	31.3



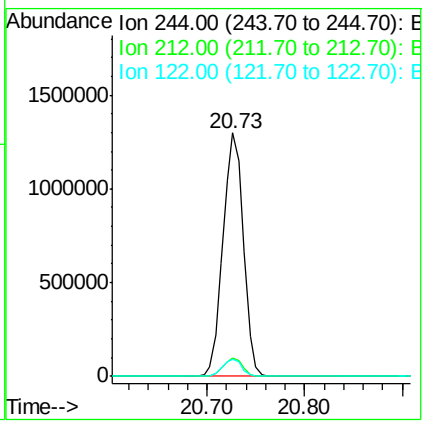


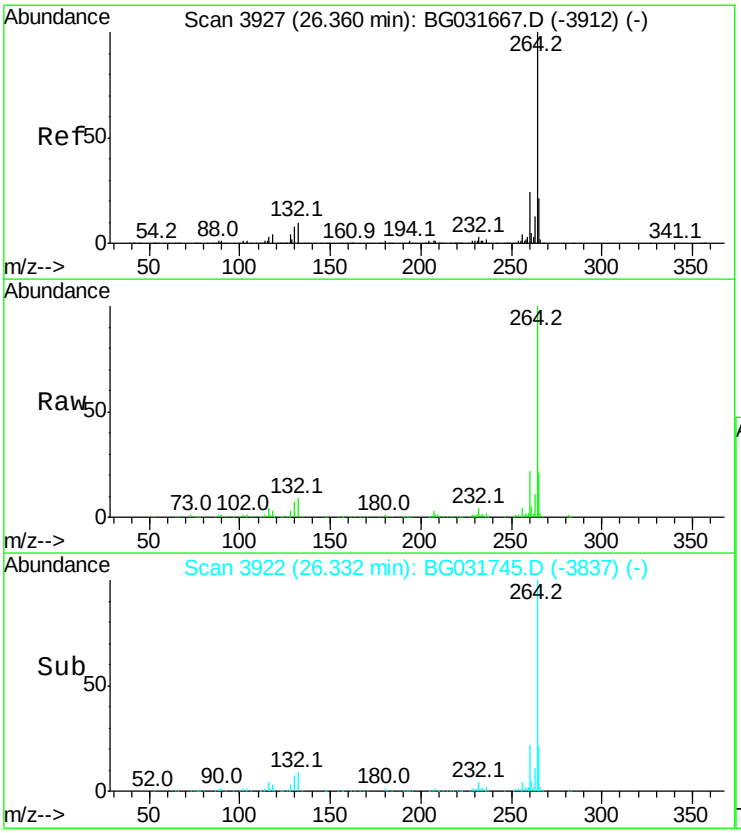
#78
Terphenyl-d14
Concen: 108.266 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion:244 Resp: 1880287

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:264 Resp: 430926

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.0	17.7	26.5