Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031717.D
Acq On : 22 Dec 2017 18:47
Operator : SJ/JU
Sample : I7002-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(60-62)

Quant Time: Dec 23 01:09:37 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	8.83	152	46277	20.00	ng		-0.01
21) Naphthalene-d8	11.71	136	183269	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	129629	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	340307	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	399830	20.00	ng		-0.02
86) Perylene-d12	26.34	264	425332	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	351216	138.23	ng		0.00
7) Phenol-d6	7.92	99	449417	136.24	ng		0.00
23) Nitrobenzene-d5	10.03	82	231441	95.36	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	308461	155.95	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	874893	84.71	ng		-0.01
78) Terphenyl-d14	20.73	244	1528621	87.35	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	8070	4.063	ng		96
10) Phenol	7.95	94	14506	4.356	ng		90
19) n-Nitroso-di-n-propylamine	10.03	70	31017	13.768	ng	#	67
49) Dimethylphthalate	14.89	163	124223	10.878	ng	#	98
56) 2,4-Dinitrotoluene	15.46	165	16925	6.265	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.93	198	652	8.631	ng	#	7
66) 4-Bromophenyl-phenylether	16.93	248	24564	4.992	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031717.D
Acq On : 22 Dec 2017 18:47
Operator : SJ/JU
Sample : I7002-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Quant Time: Dec 23 01:09:37 2017
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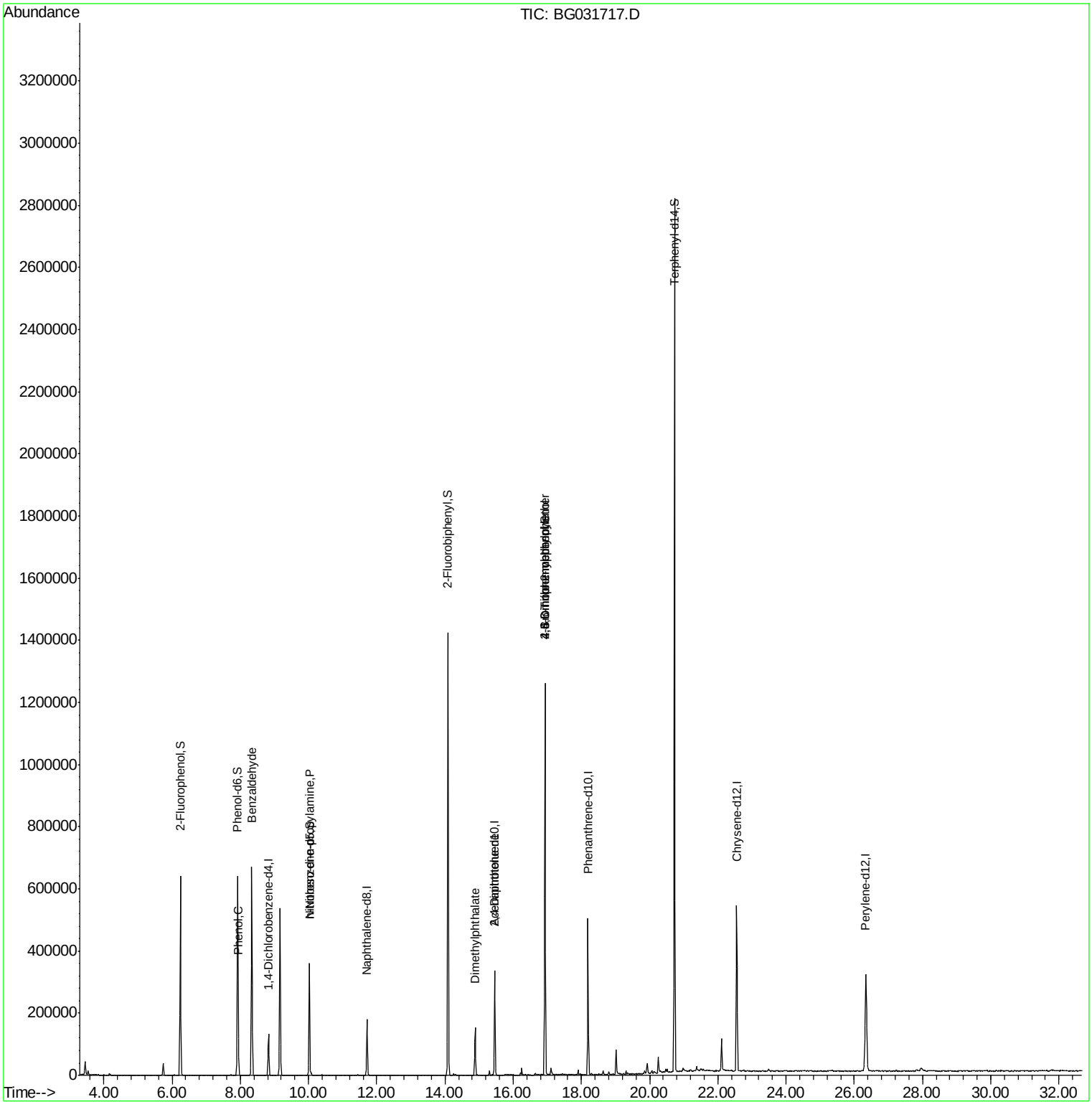
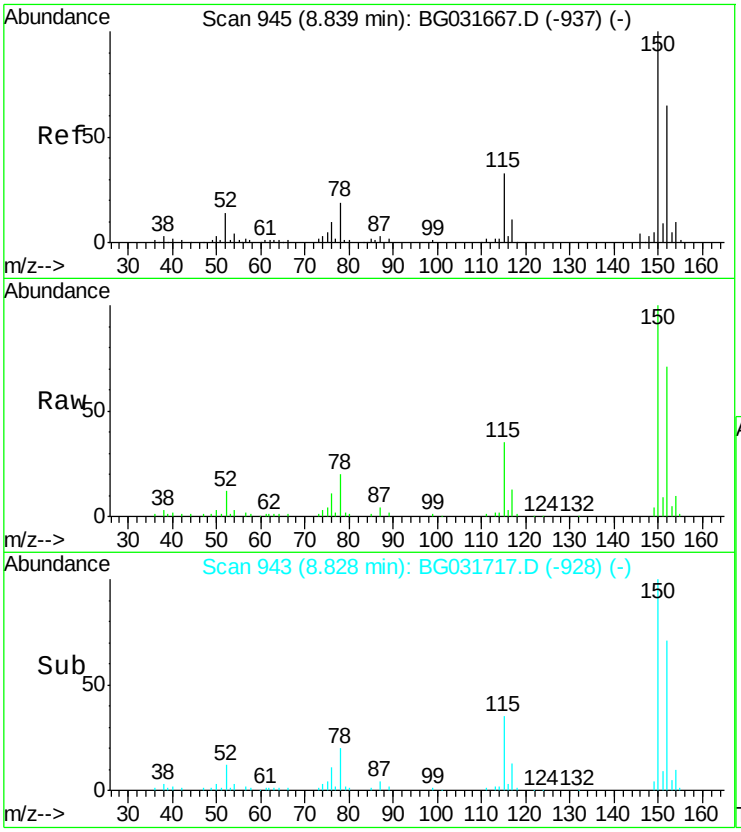


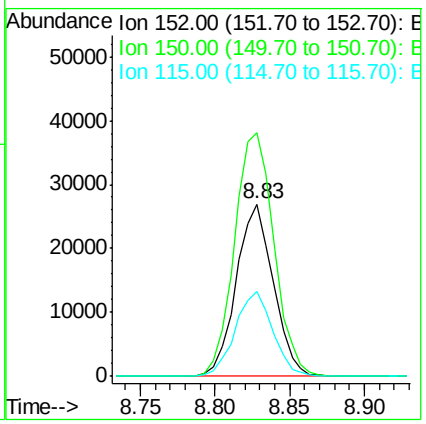


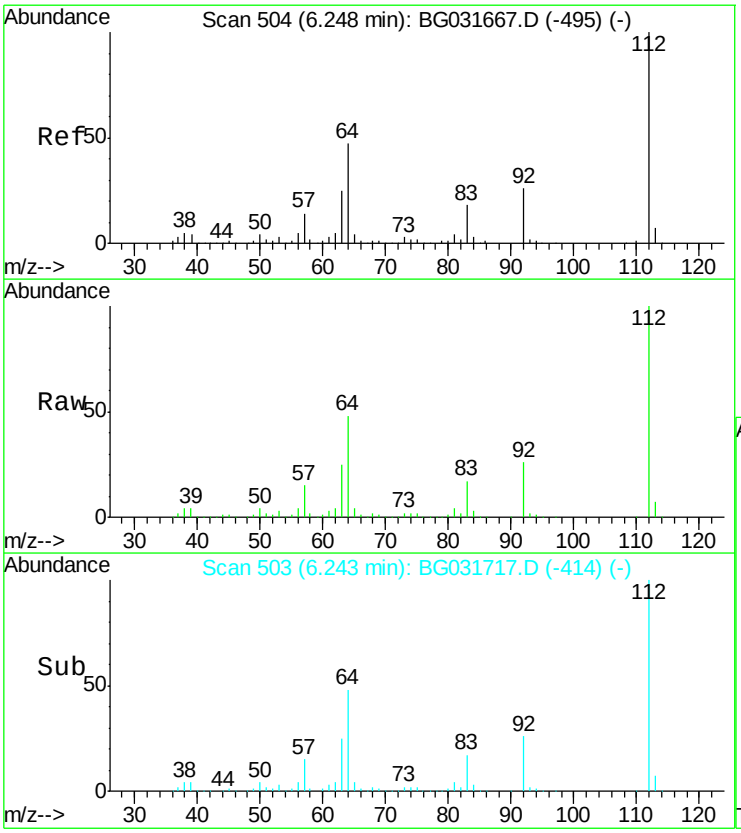
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:152 Resp: 46277

Ion	Ratio	Lower	Upper
152	100		
150	141.5	126.6	189.8
115	49.7	53.0	79.4#

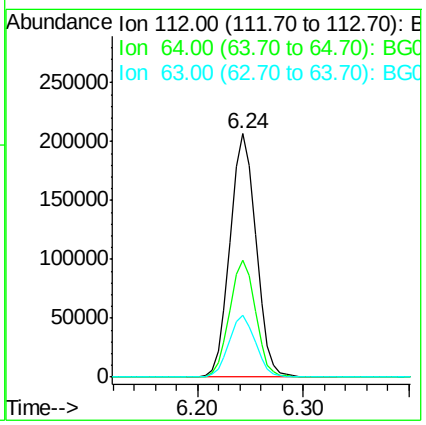


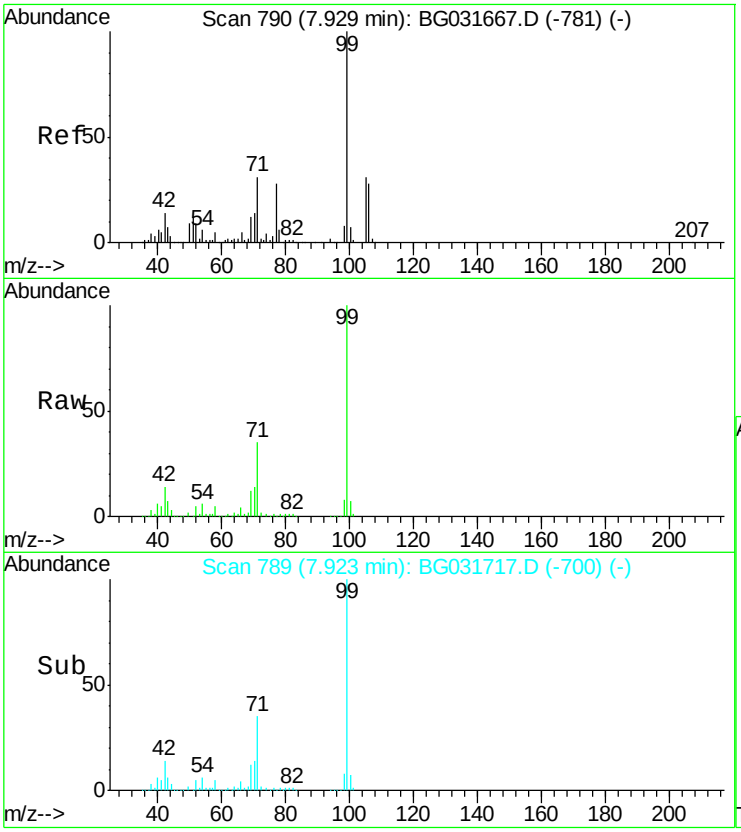


#5
2-Fluorophenol
Concen: 138.233 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:112 Resp: 351216

Ion	Ratio	Lower	Upper
112	100		
64	48.0	56.3	84.5#
63	25.3	30.1	45.1#



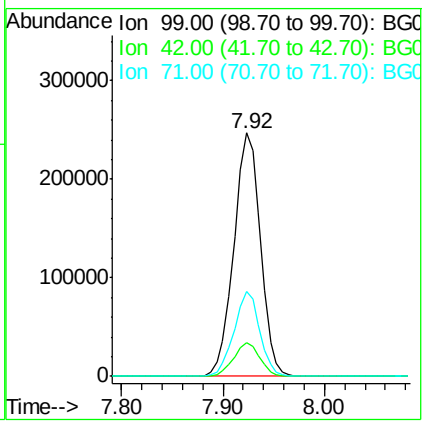


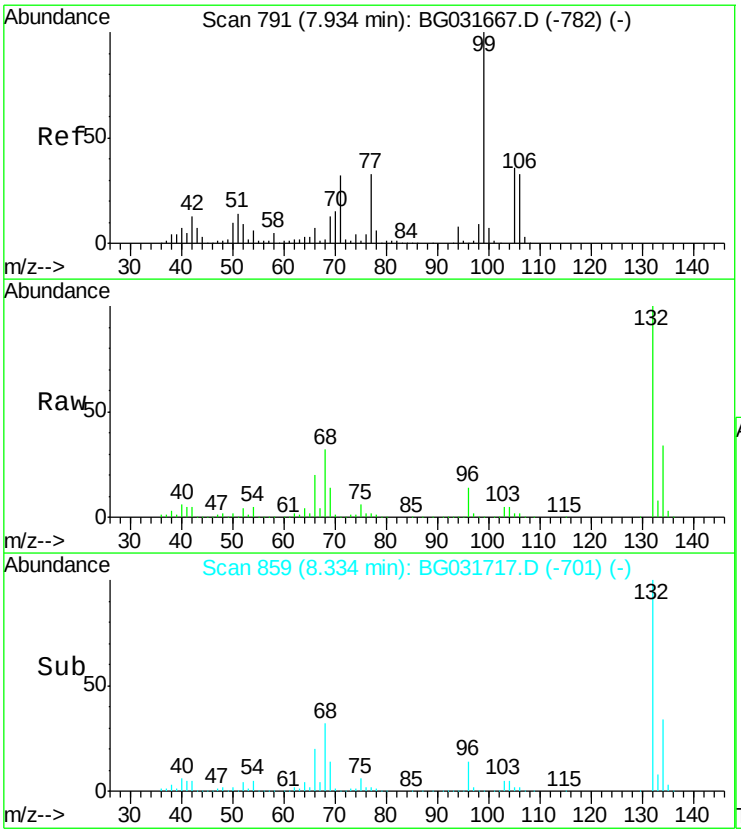
#7
Phenol-d6
Concen: 136.239 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion: 99 Resp: 449417

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	34.7	26.1	39.1

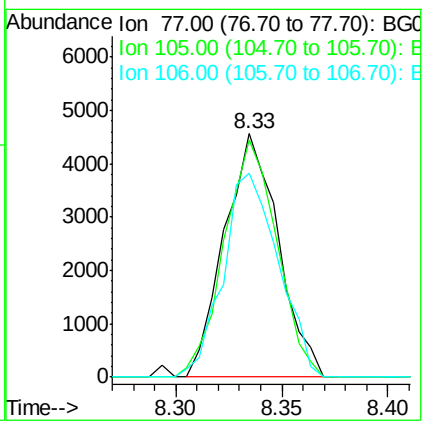


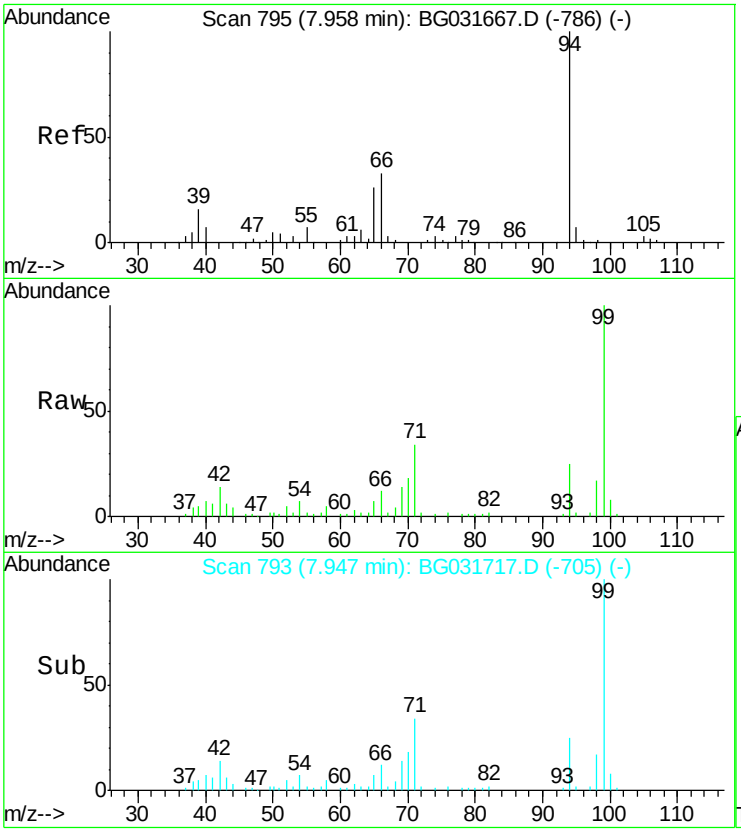


#9
Benzaldehyde
Concen: 4.063 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion: 77 Resp: 8070

Ion	Ratio	Lower	Upper
77	100		
105	97.6	71.3	111.3
106	83.6	64.2	104.2



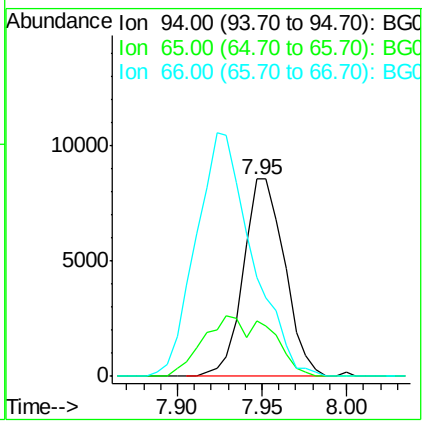


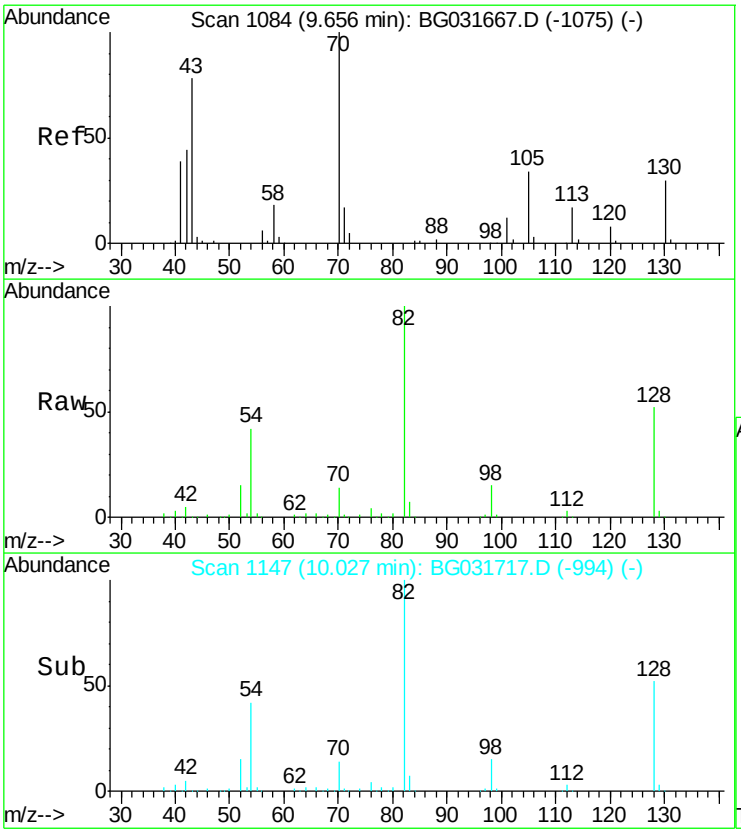
#10
Phenol
Concen: 4.356 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion: 94 Resp: 14506

Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.9	51.9
66	50.3	22.2	62.2

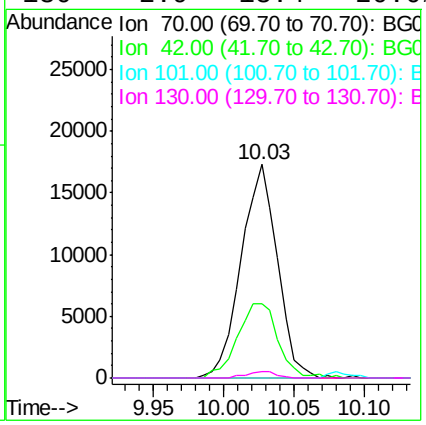


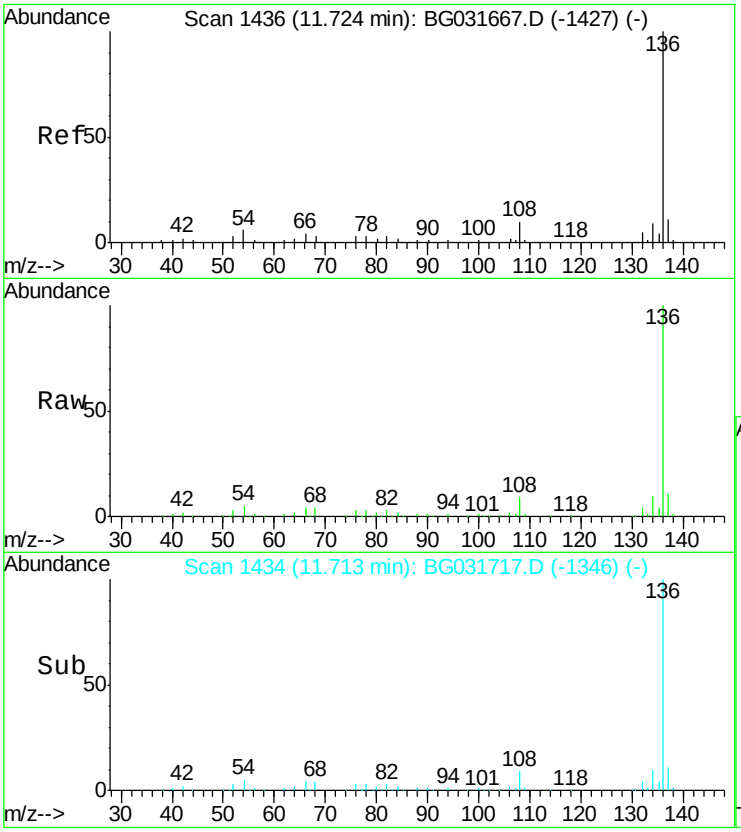


#19
n-Nitroso-di-n-propylamine
Concen: 13.768 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion: 70 Resp: 31017

Ion	Ratio	Lower	Upper
70	100		
42	34.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#



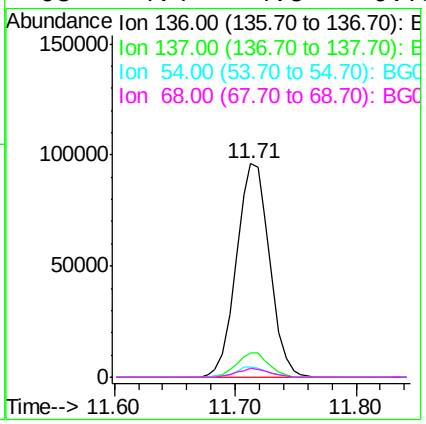


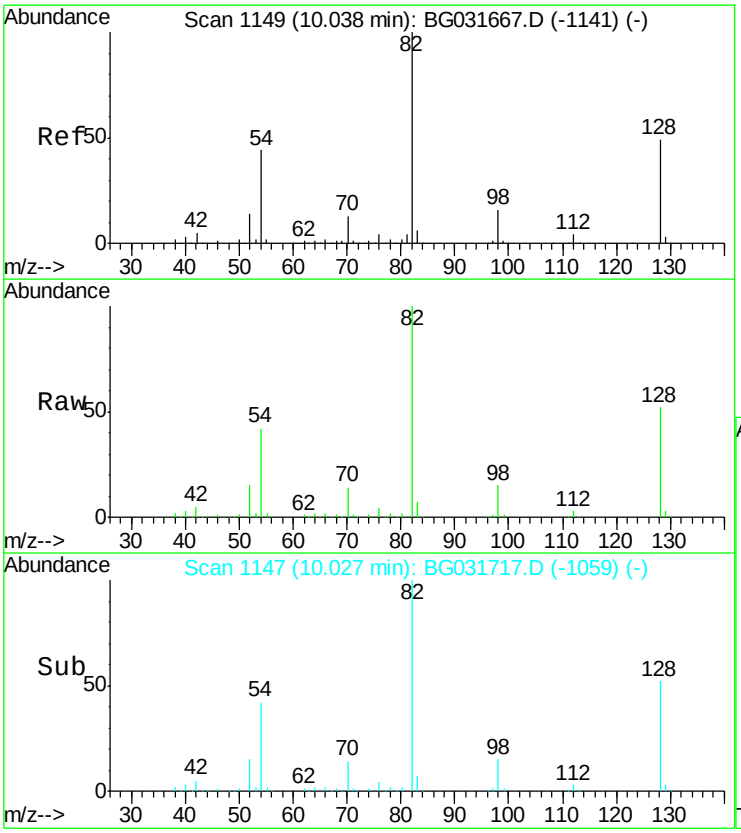
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:136 Resp: 183269

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.7	10.3	15.5#
68	4.4	4.5	6.7#

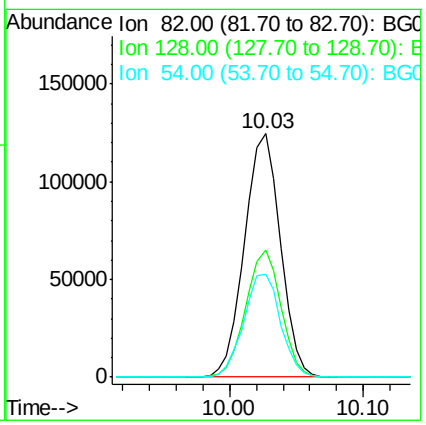


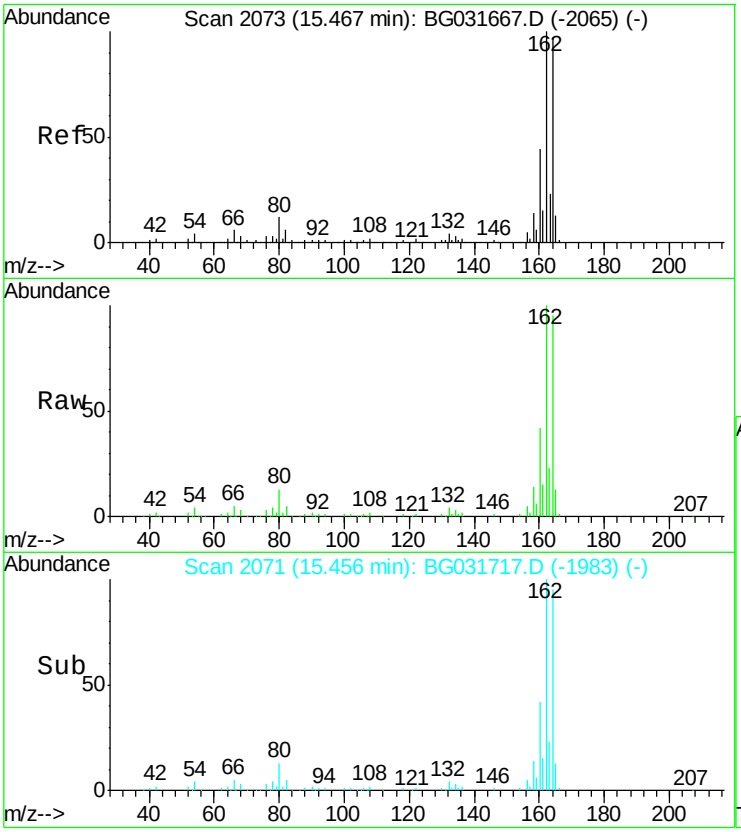


#23
Nitrobenzene-d5
Concen: 95.360 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion: 82 Resp: 231441

Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.7	44.5#
54	42.4	43.1	64.7#



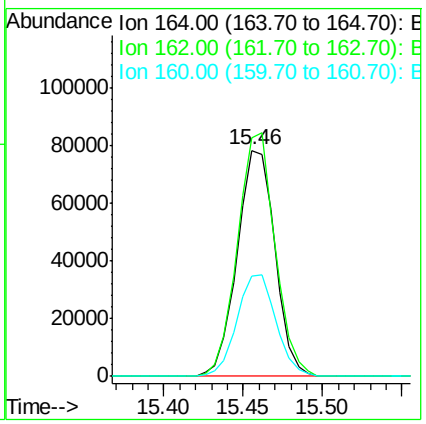


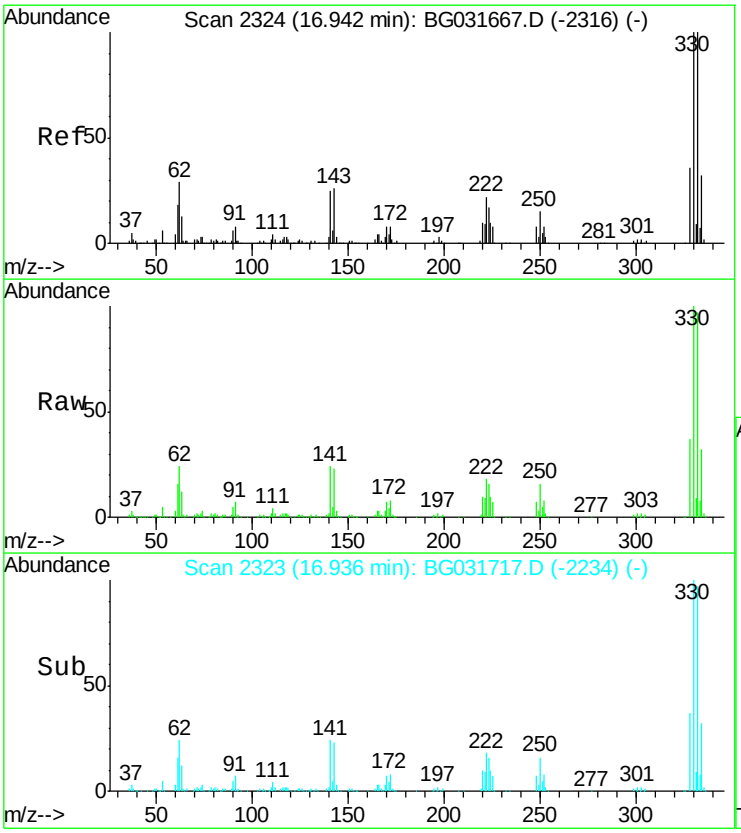
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:164 Resp: 129629

Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	44.6	35.4	53.0

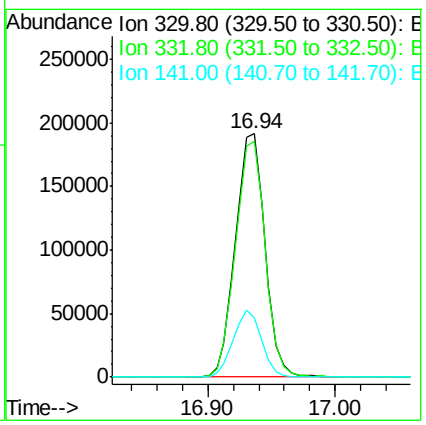


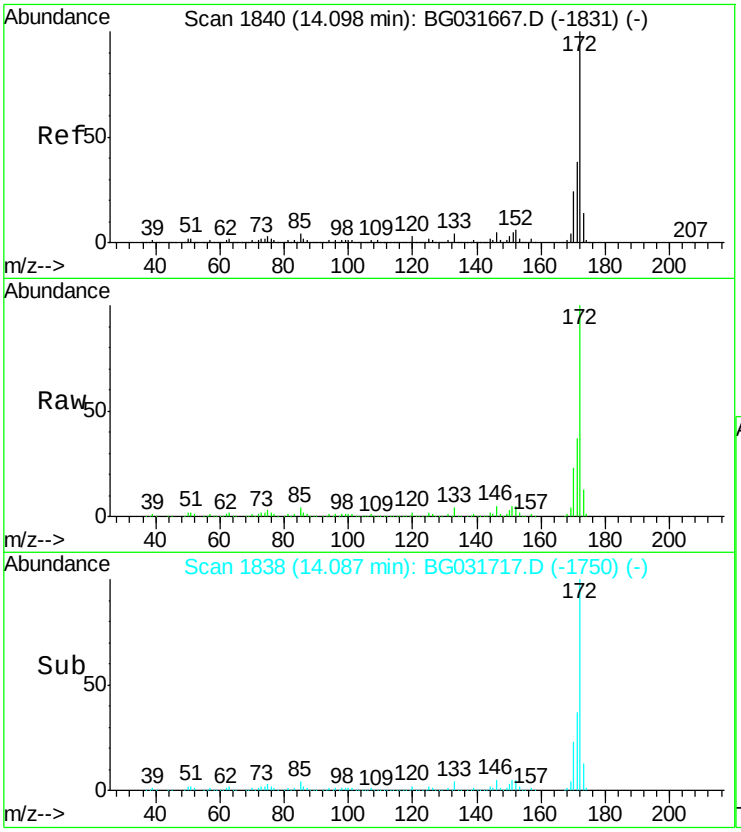


#41
2,4,6-Tribromophenol
Concen: 155.949 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:330 Resp: 308461

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.4	25.2	37.8



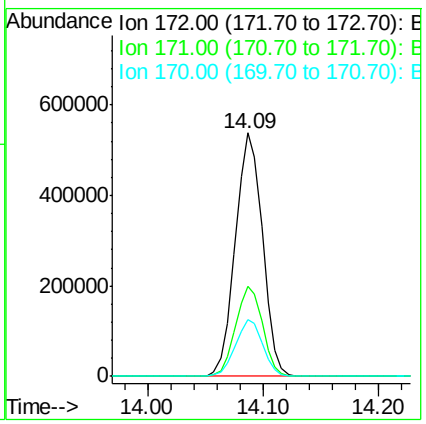


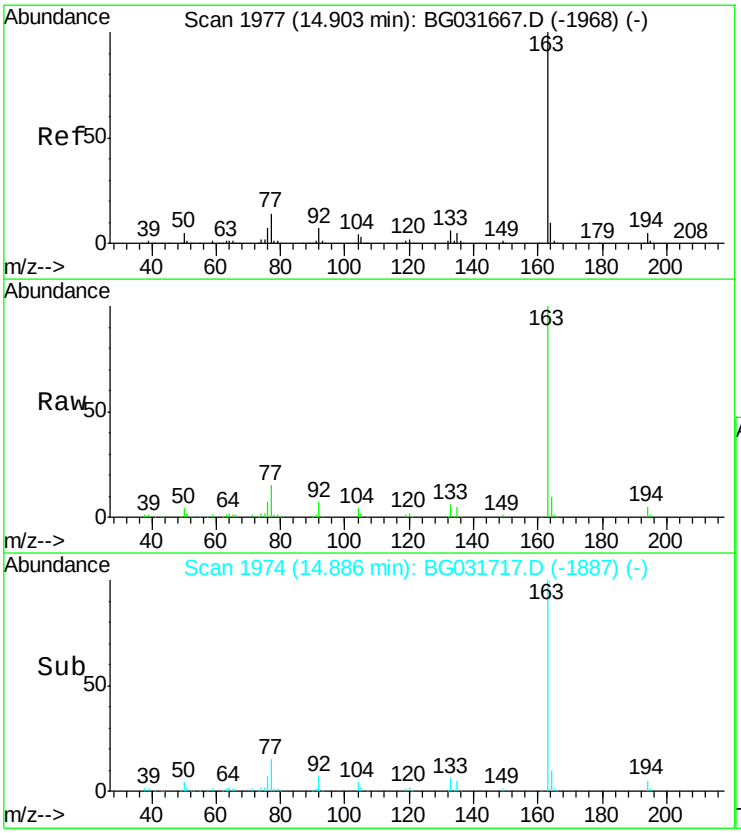
#44
2-Fluorobiphenyl
Concen: 84.712 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:172 Resp: 874893

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.3	19.5	29.3

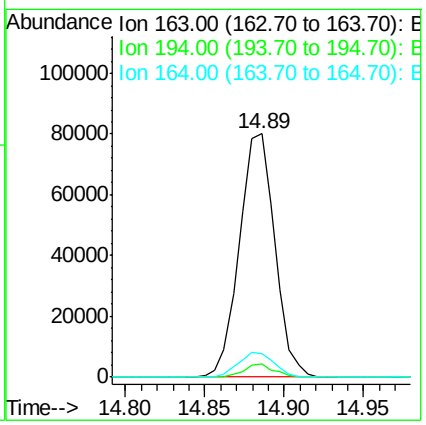


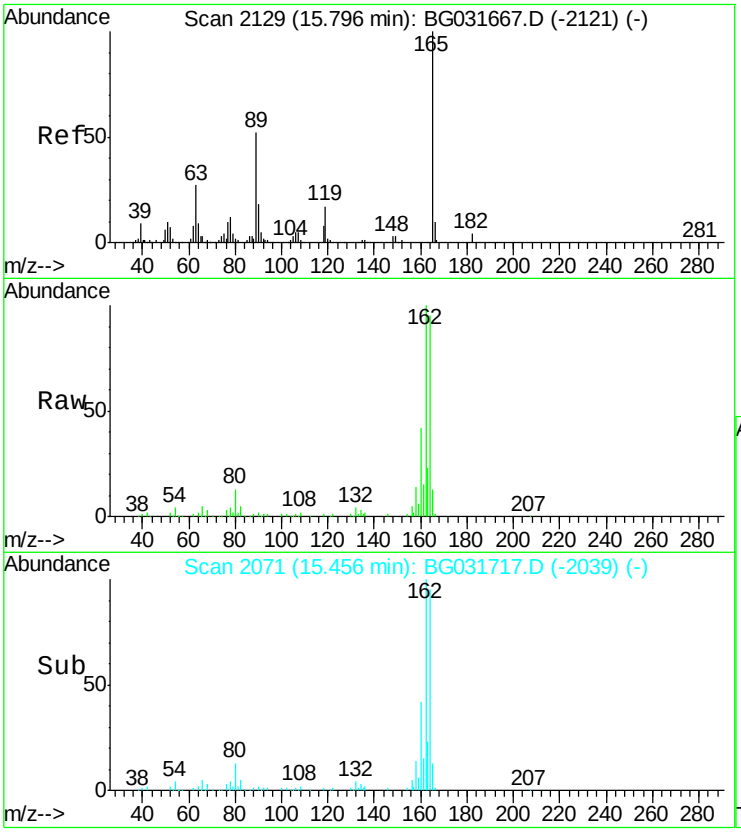


#49
Dimethylphthalate
Concen: 10.878 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:163 Resp: 124223

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	9.6	8.2	12.4



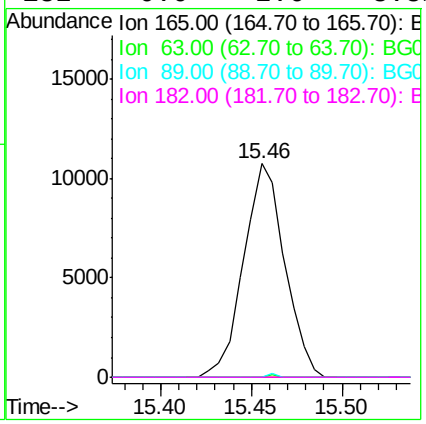


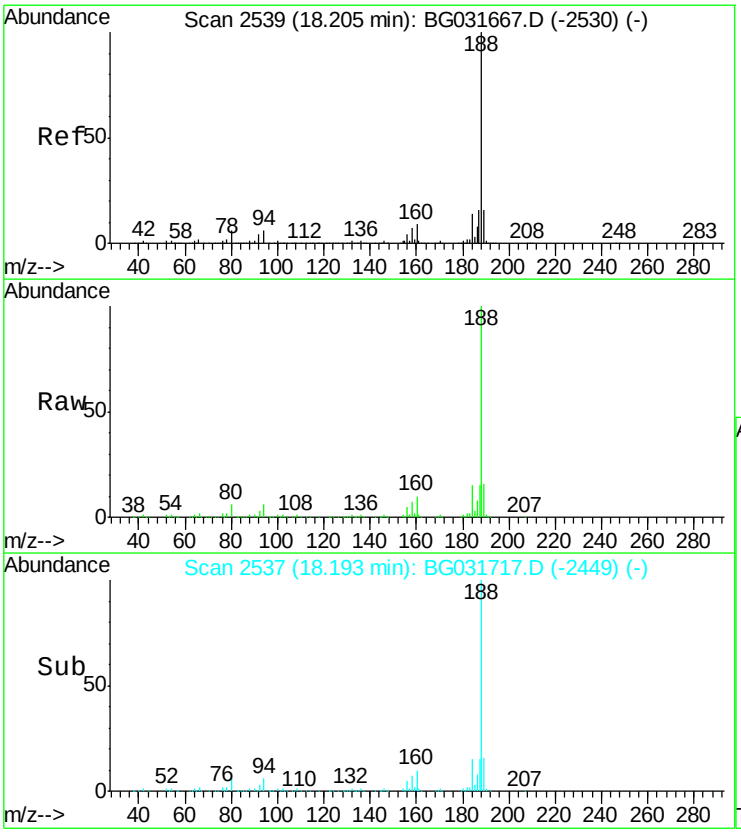
#56
2,4-Dinitrotoluene
Concen: 6.265 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:165 Resp: 16925

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#

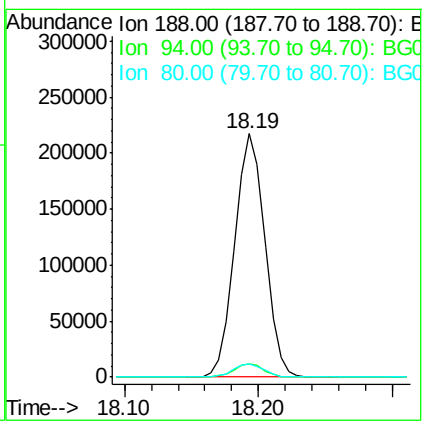


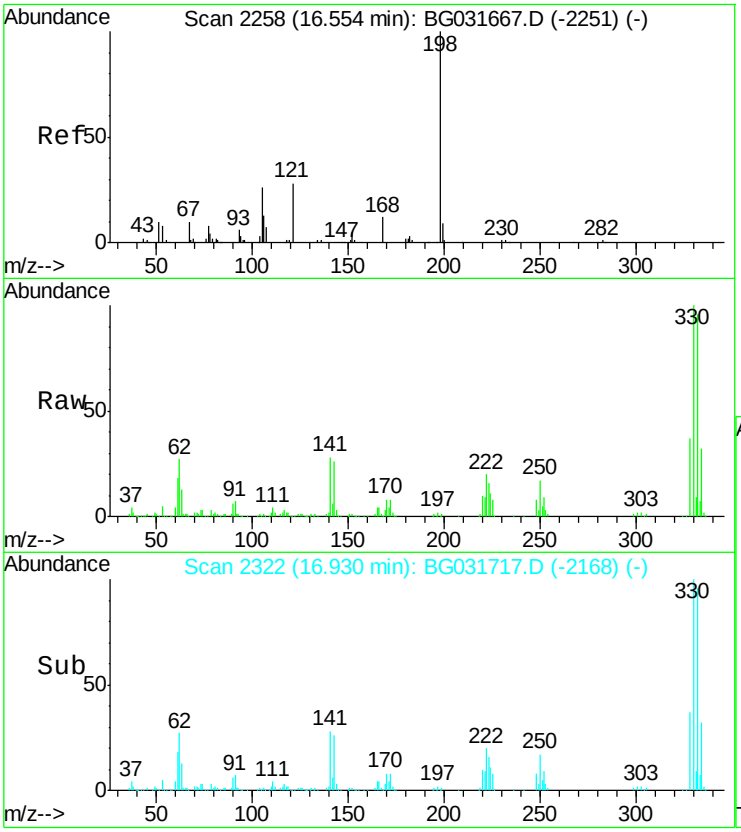


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:188 Resp: 340307

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	5.6	7.7	11.5#



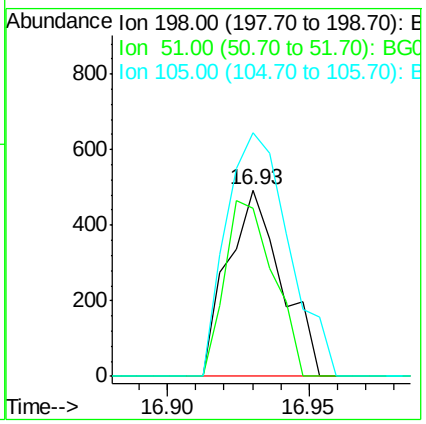


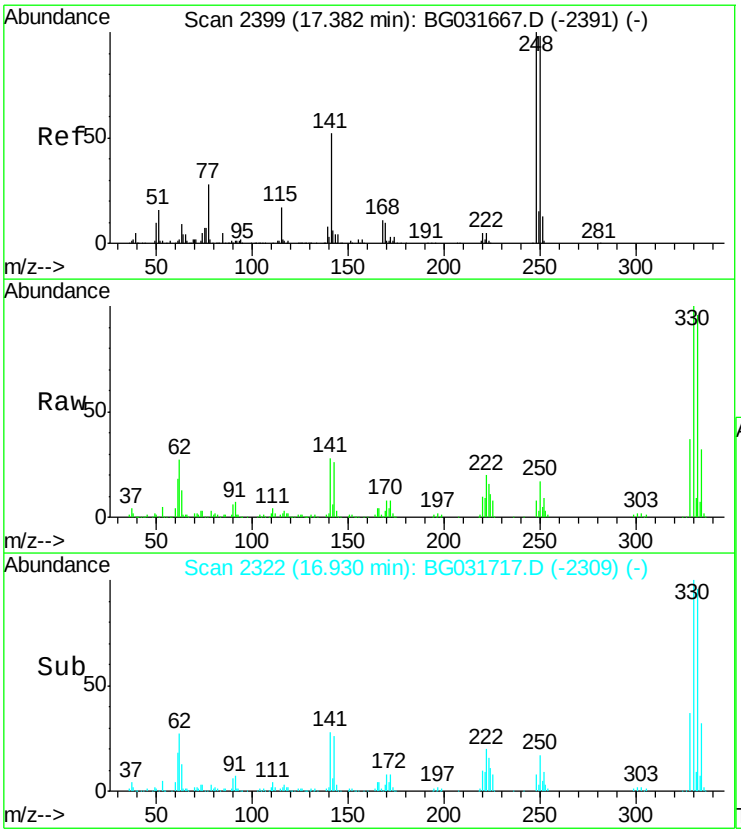
#64
4,6-Dinitro-2-methylphenol
Concen: 8.631 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:198 Resp: 652

Ion	Ratio	Lower	Upper
198	100		
51	90.1	30.6	70.6#
105	130.6	23.8	63.8#

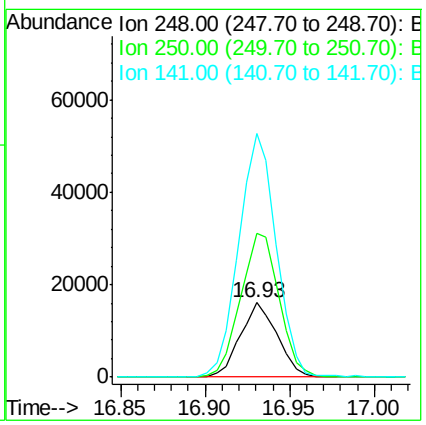


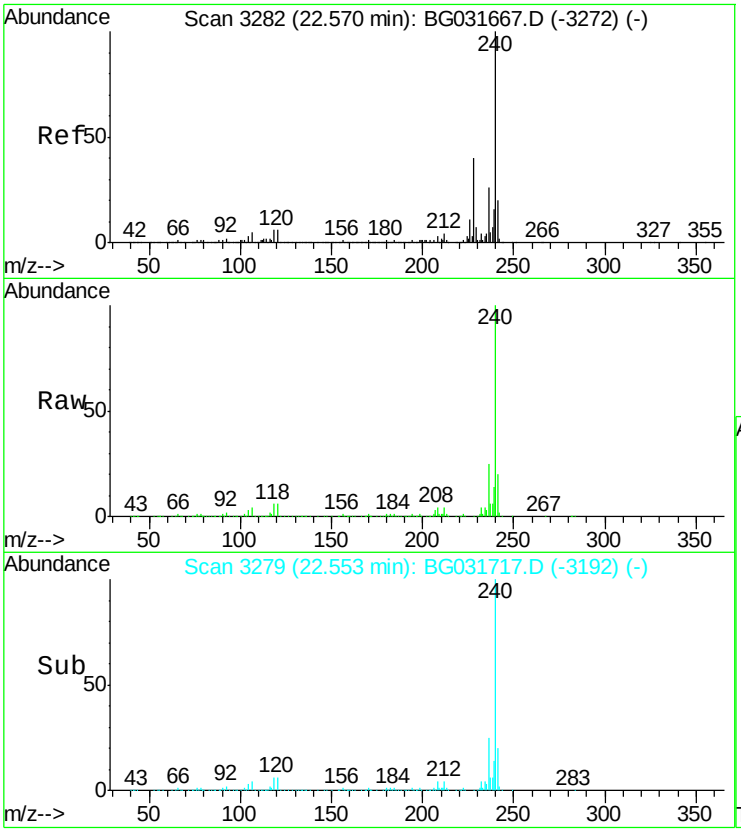


#66
4-Bromophenyl-phenylether
Concen: 4.992 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:248 Resp: 24564

Ion	Ratio	Lower	Upper
248	100		
250	194.6	77.1	115.7#
141	328.7	50.8	76.2#



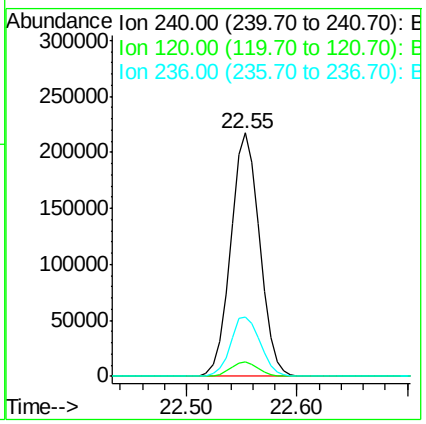


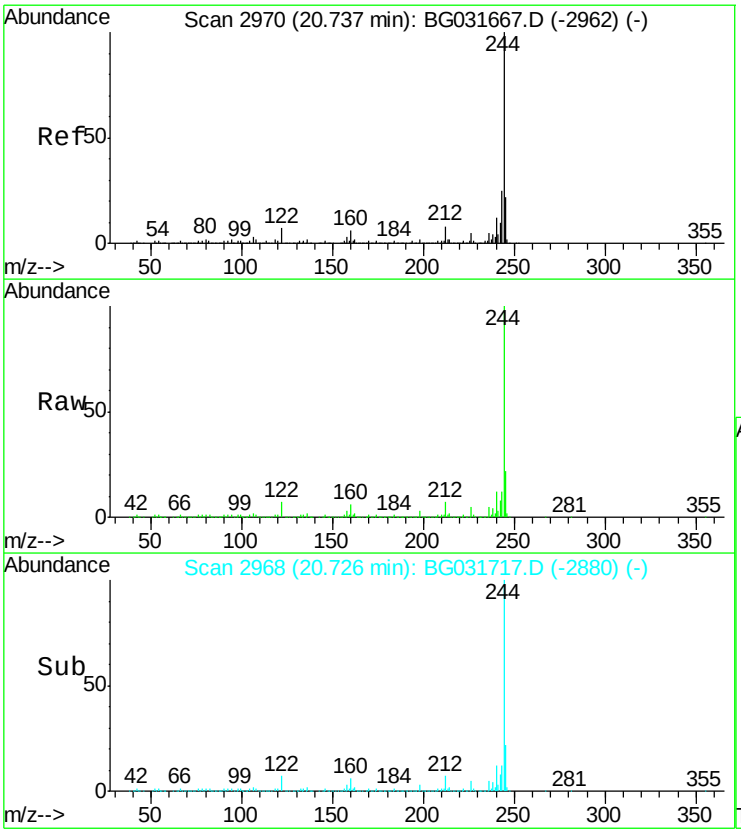
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:240 Resp: 399830

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	24.6	20.9	31.3

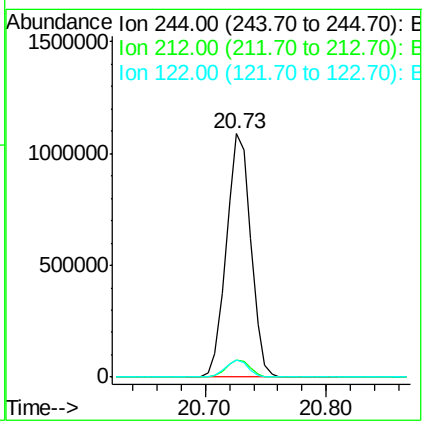


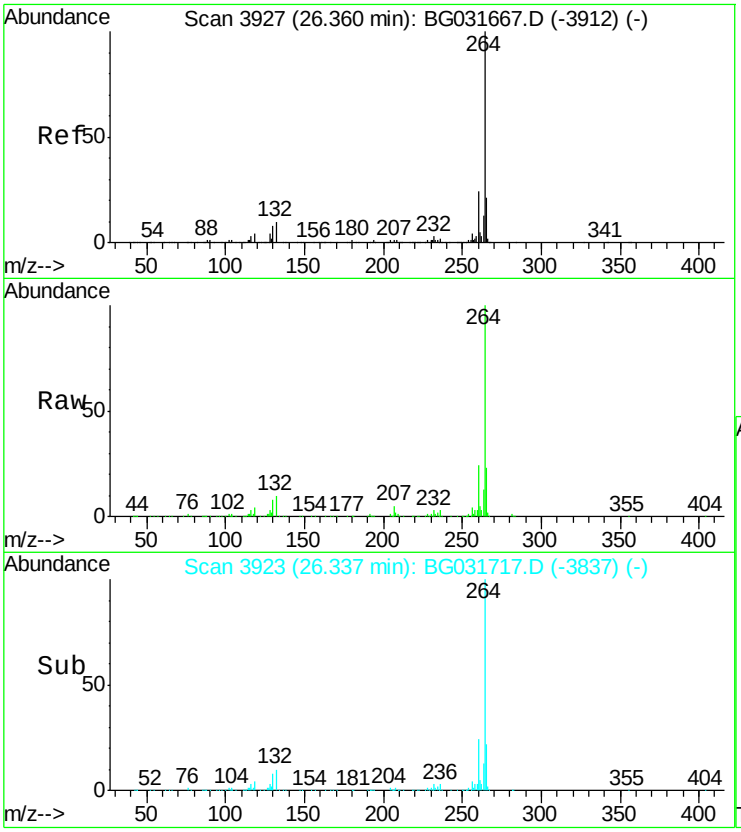


#78
Terphenyl-d14
Concen: 87.346 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Tgt Ion:244 Resp: 1528621

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031717.D
Acq: 22 Dec 2017 18:47

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(60-62)

Tgt Ion:264 Resp: 425332

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.5	17.7	26.5