Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031718.D
Acq On : 22 Dec 2017 19:25
Operator : SJ/JU
Sample : I7002-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(65-67)

Quant Time: Dec 23 01:09:57 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	46667	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	192080	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	136590	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	352700	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	414875	20.00	ng		-0.02
86) Perylene-d12	26.34	264	437546	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	384921	150.23	ng		0.00
7) Phenol-d6	7.92	99	493945	148.49	ng		0.00
23) Nitrobenzene-d5	10.03	82	254153	99.91	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	337032	161.71	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	922654	84.78	ng		-0.01
78) Terphenyl-d14	20.73	244	1623843	89.42	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	8729	4.358	ng		98
10) Phenol	7.95	94	15994	4.762	ng		88
19) n-Nitroso-di-n-propylamine	10.03	70	33366	14.687	ng	#	65
49) Dimethylphthalate	14.88	163	120806	10.040	ng		99
56) 2,4-Dinitrotoluene	15.46	165	16918	5.944	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.93	198	575	8.583	ng	#	1
66) 4-Bromophenyl-phenylether	16.94	248	26793	5.253	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 : BG031718.D
Acq On : 22 Dec 2017 19:25
Operator : SJ/JU
Sample : I7002-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Quant Time: Dec 23 01:09:57 2017
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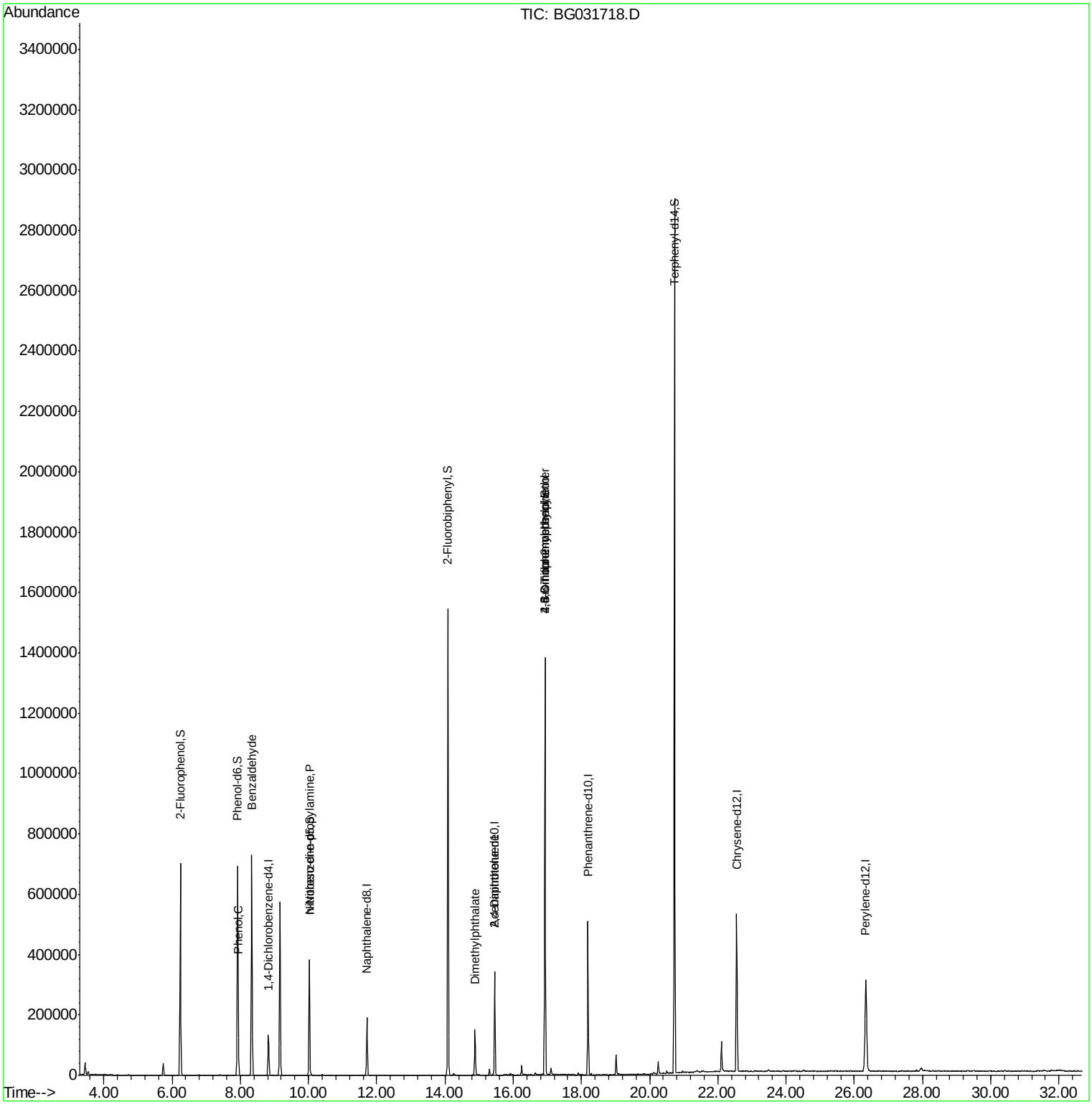
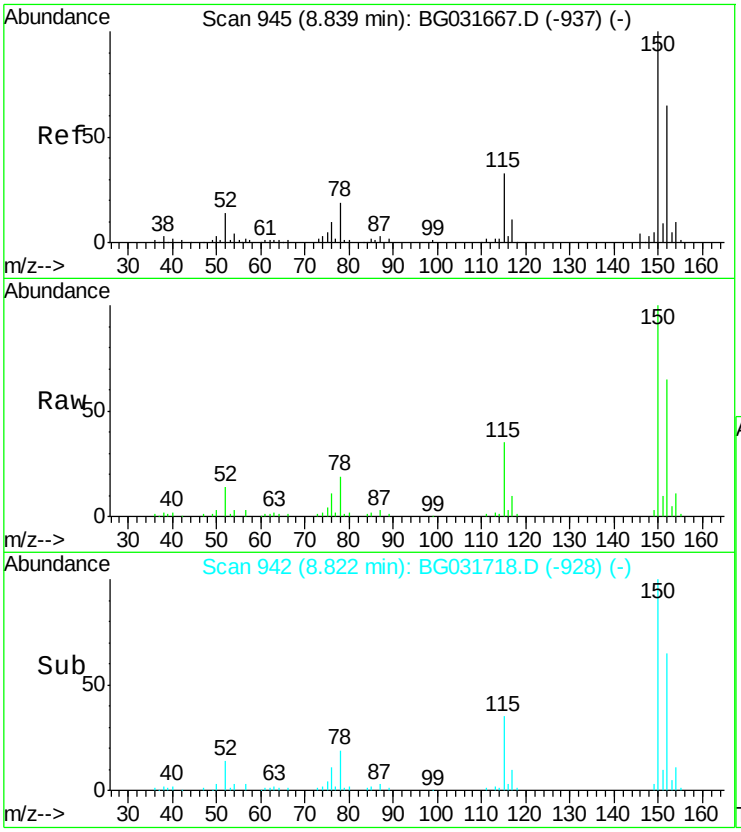


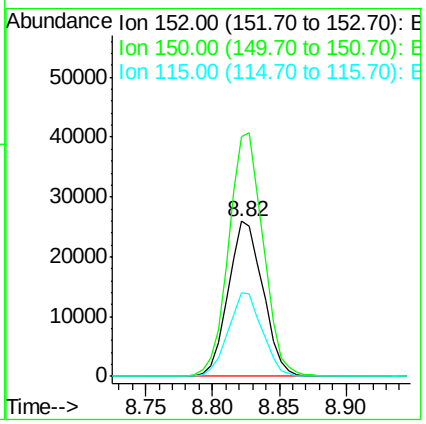


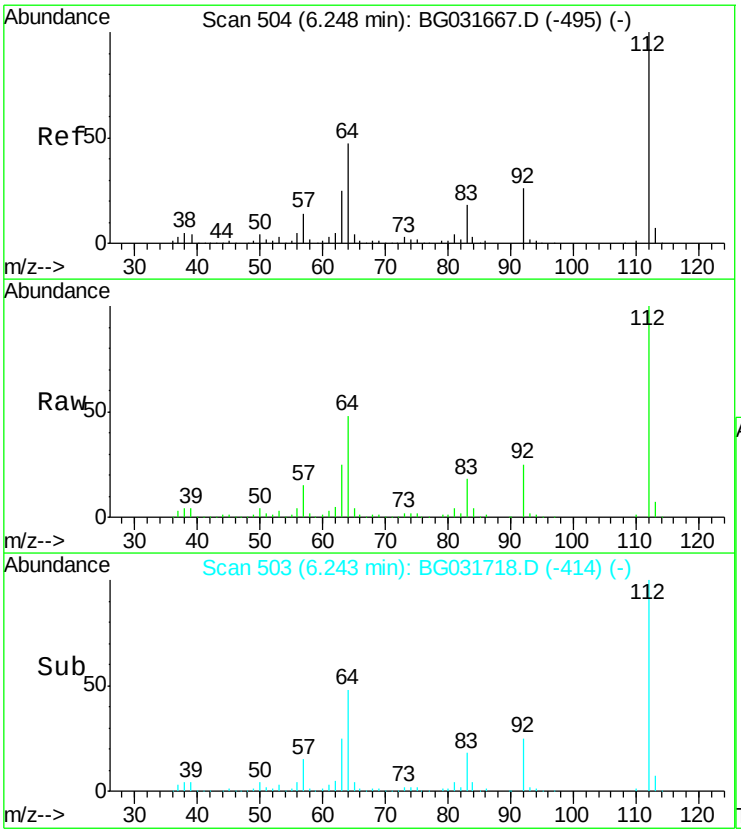
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:152 Resp: 46667

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	54.4	53.0	79.4

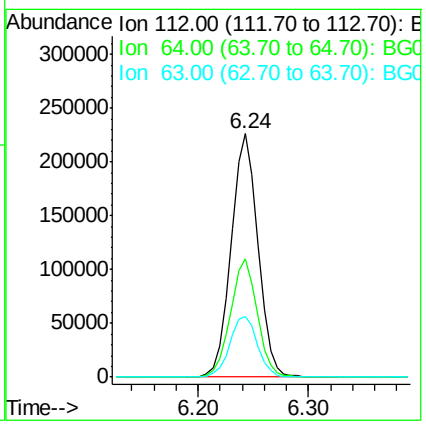


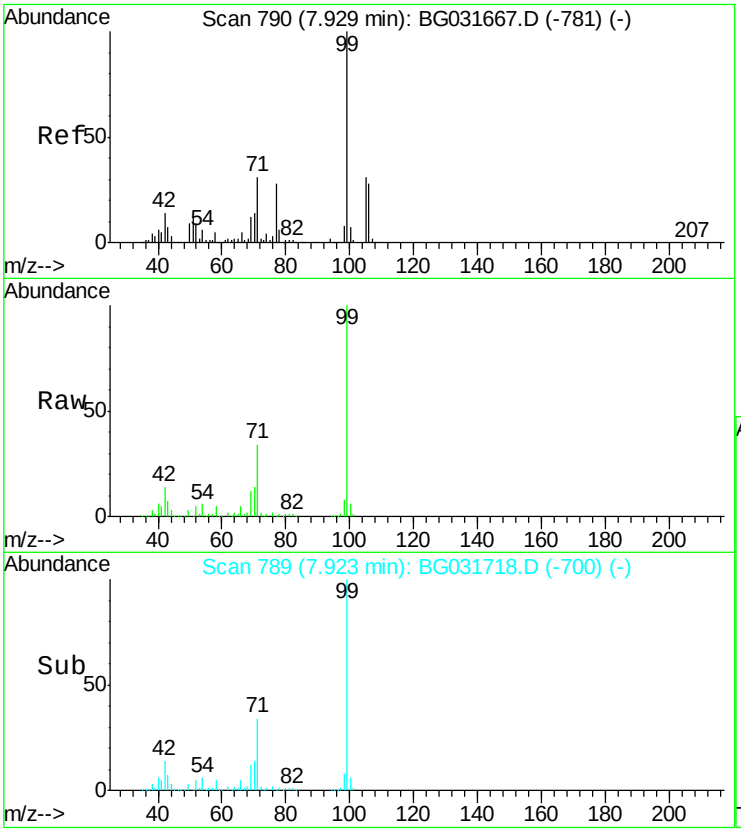


#5
2-Fluorophenol
Concen: 150.232 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:112 Resp: 384921

Ion	Ratio	Lower	Upper
112	100		
64	48.4	56.3	84.5#
63	24.8	30.1	45.1#



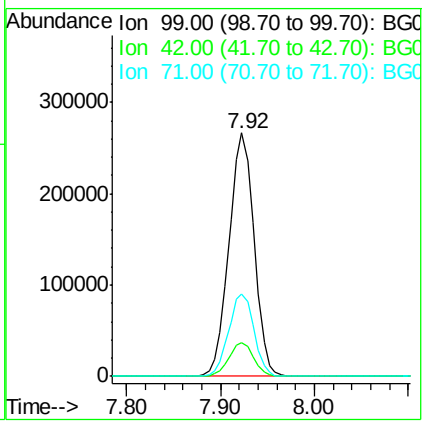


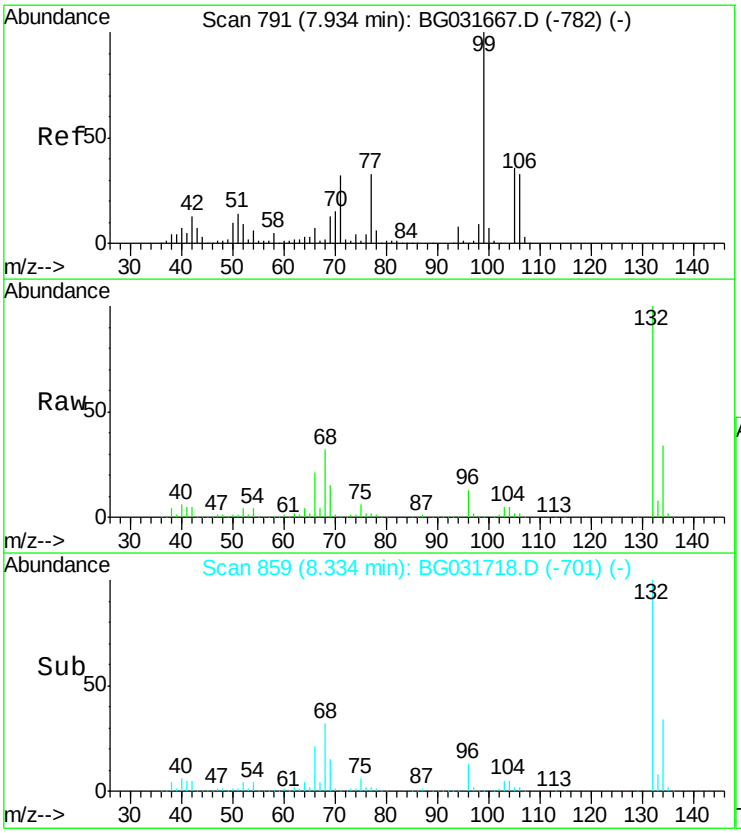
#7
Phenol-d6
Concen: 148.486 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion: 99 Resp: 493945

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.1	21.1#
71	33.8	26.1	39.1

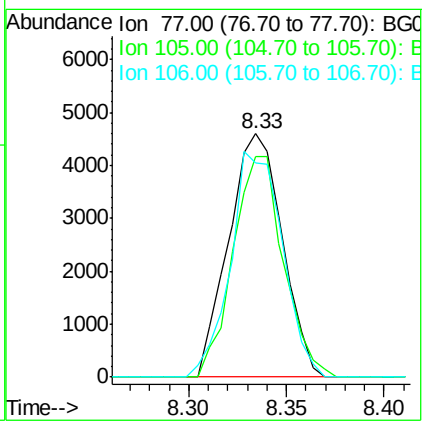


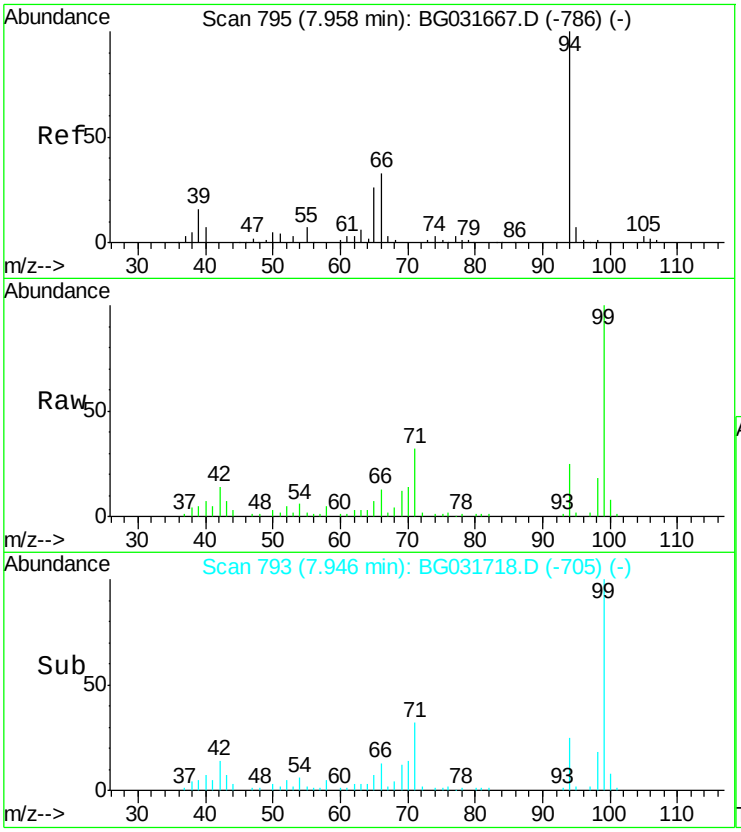


#9
Benzaldehyde
Concen: 4.358 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion: 77 Resp: 8729

Ion	Ratio	Lower	Upper
77	100		
105	90.8	71.3	111.3
106	87.8	64.2	104.2



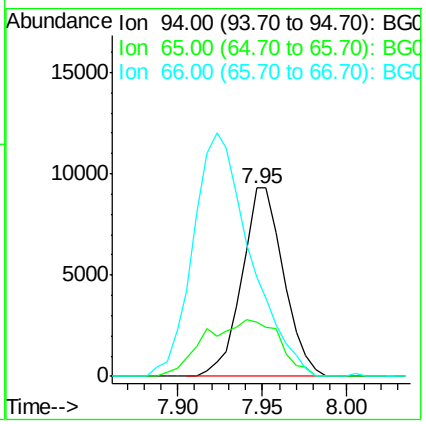


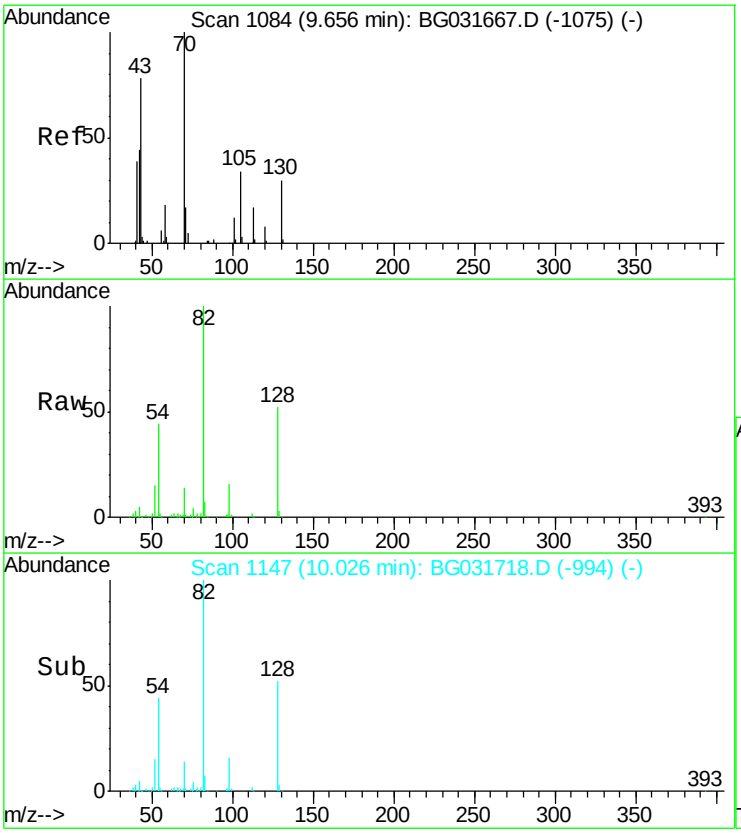
#10
Phenol
Concen: 4.762 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion: 94 Resp: 15994

Ion	Ratio	Lower	Upper
94	100		
65	28.6	11.9	51.9
66	52.4	22.2	62.2

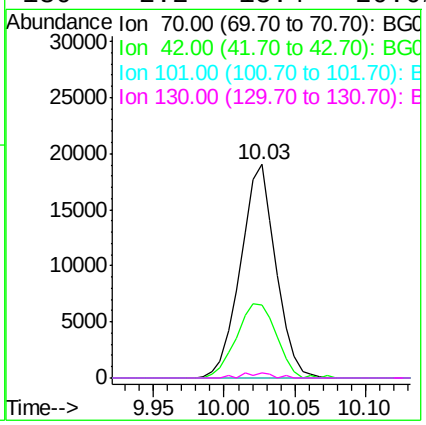


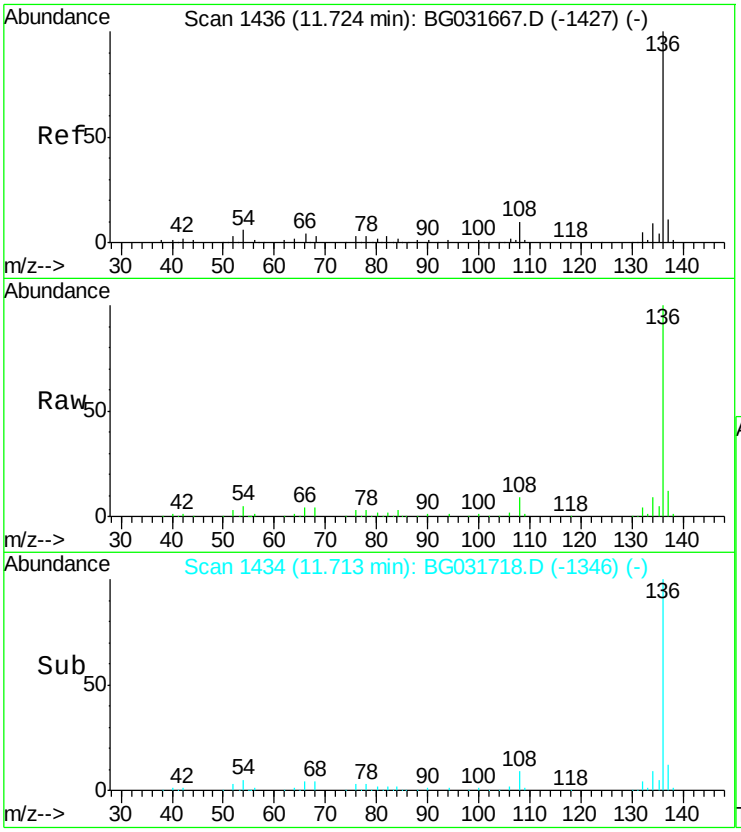


#19
n-Nitroso-di-n-propylamine
Concen: 14.687 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion: 70 Resp: 33366

Ion	Ratio	Lower	Upper
70	100		
42	34.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



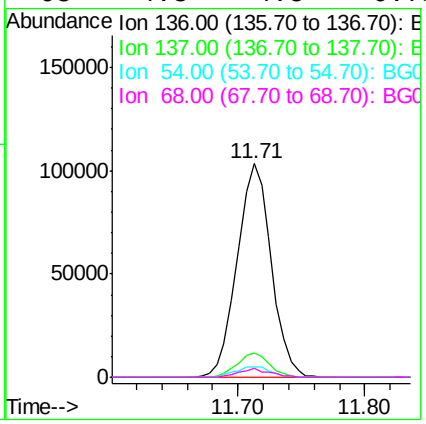


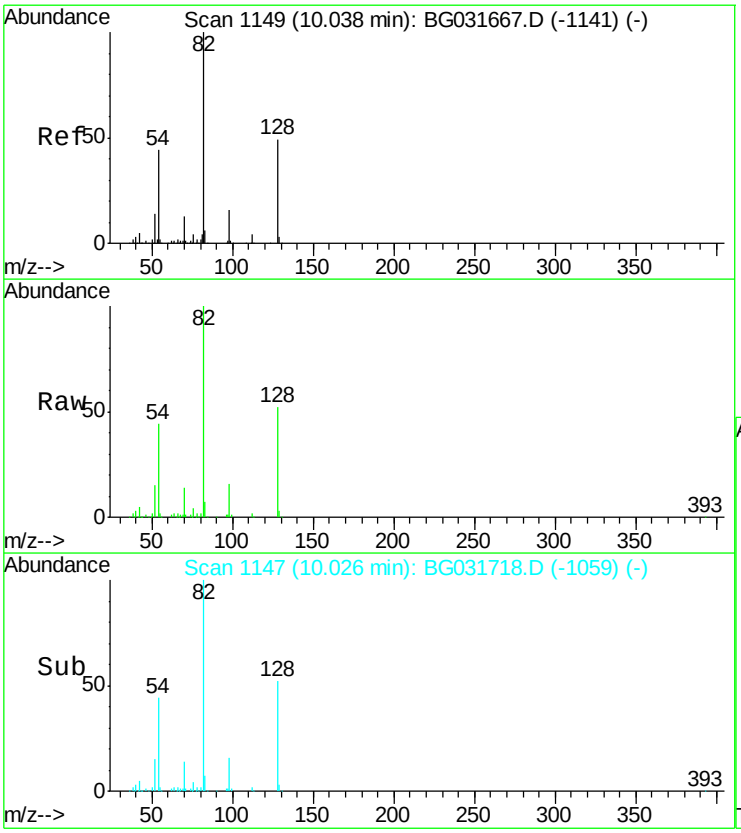
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:136 Resp: 192080

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.6	10.3	15.5#
68	4.3	4.5	6.7#

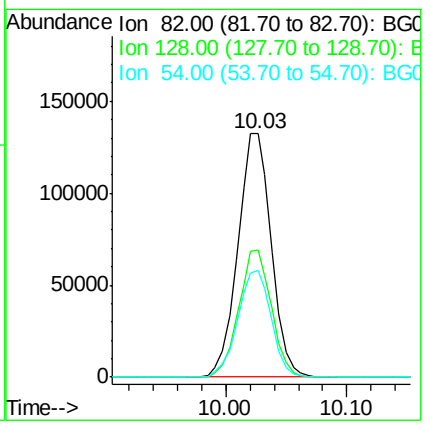


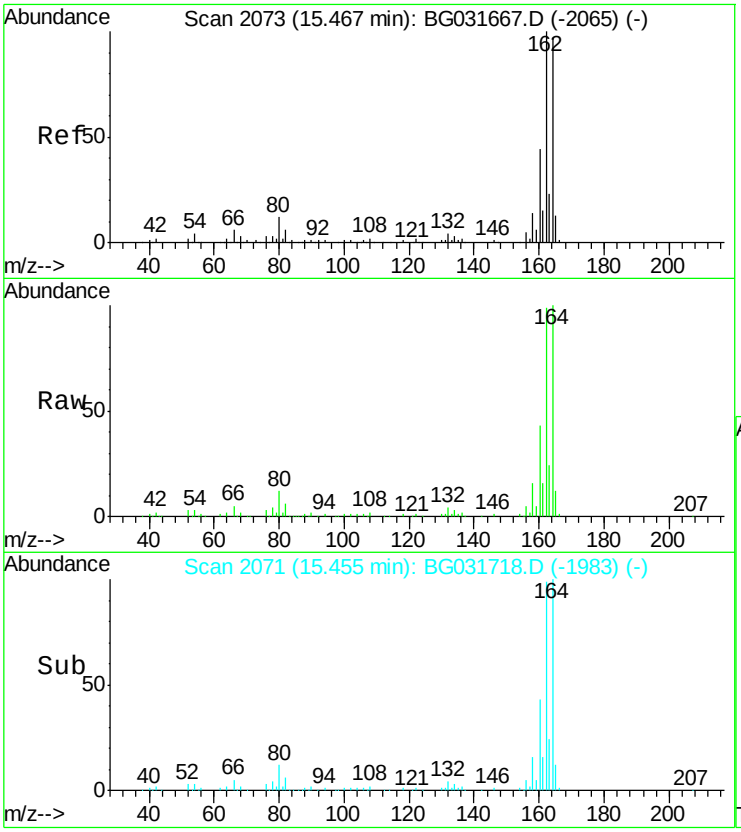


#23
Nitrobenzene-d5
Concen: 99.915 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion: 82 Resp: 254153

Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	44.1	43.1	64.7



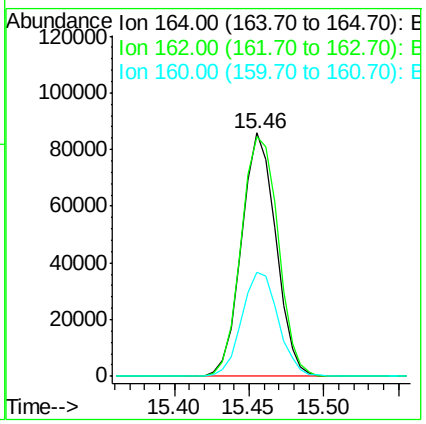


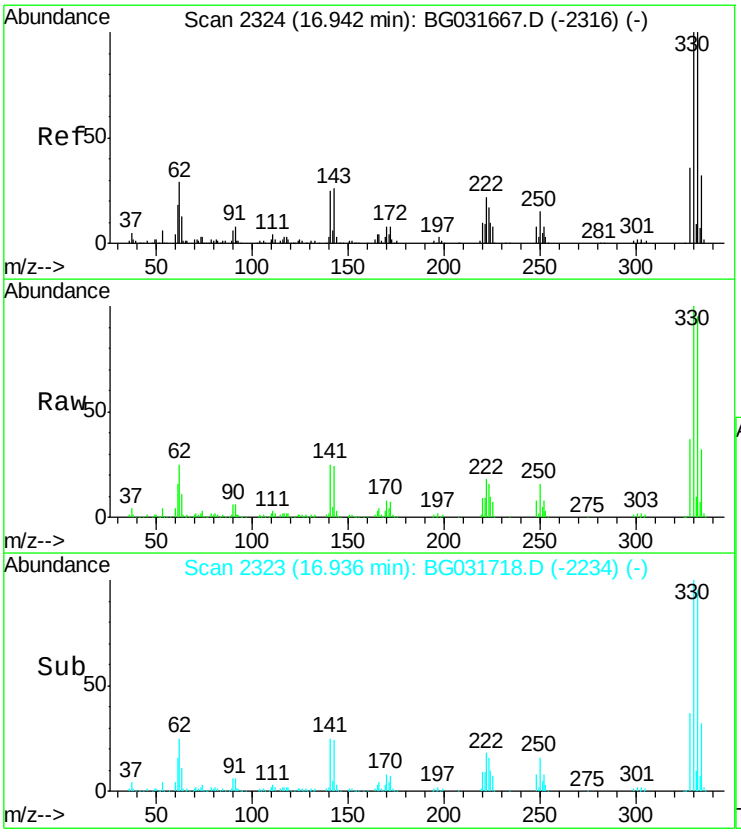
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:164 Resp: 136590

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	42.8	35.4	53.0

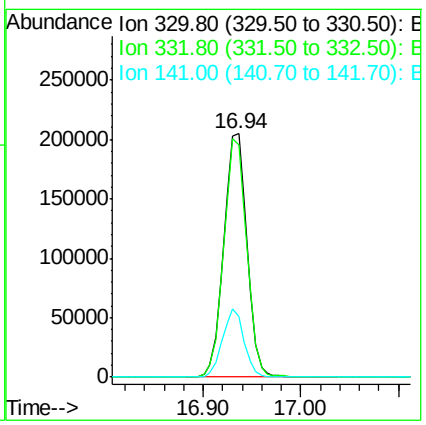


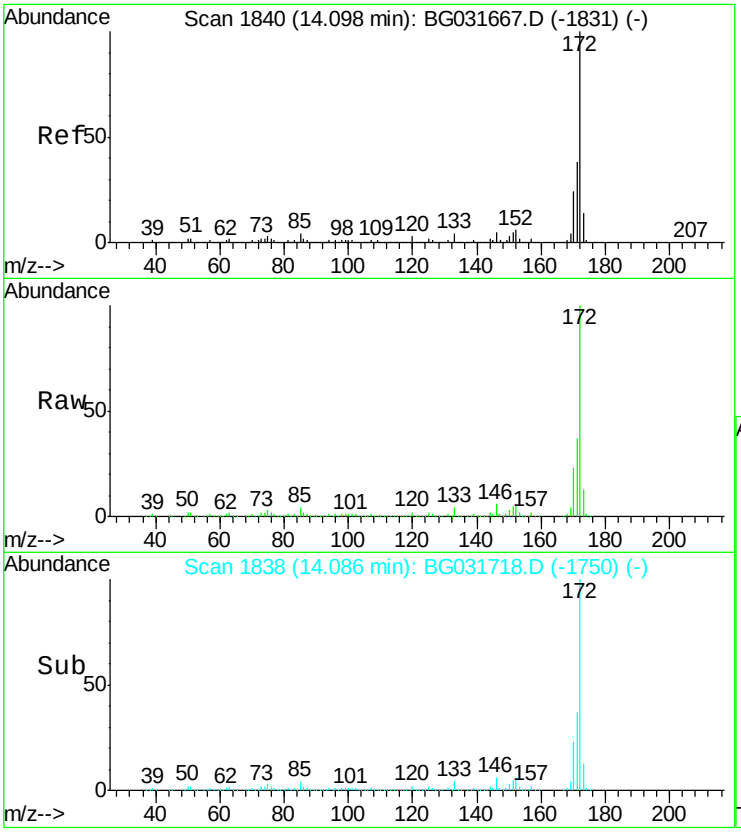


#41
2,4,6-Tribromophenol
Concen: 161.710 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:330 Resp: 337032

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	26.2	25.2	37.8



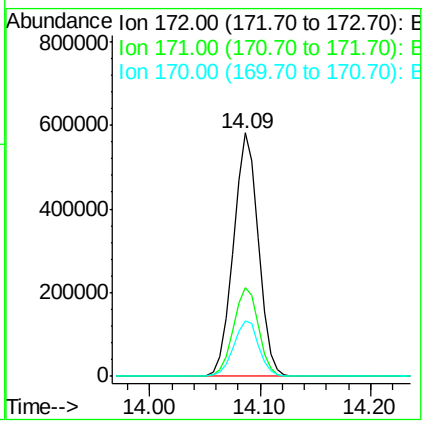


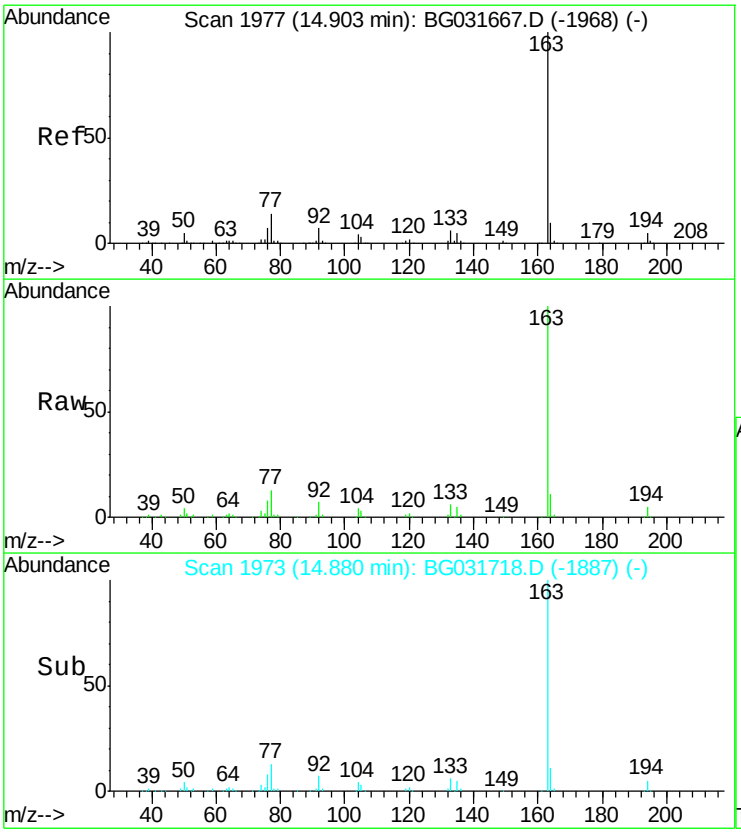
#44
2-Fluorobiphenyl
Concen: 84.783 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:172 Resp: 922654

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	22.7	19.5	29.3

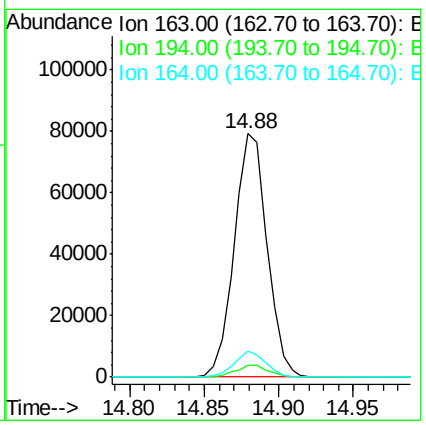


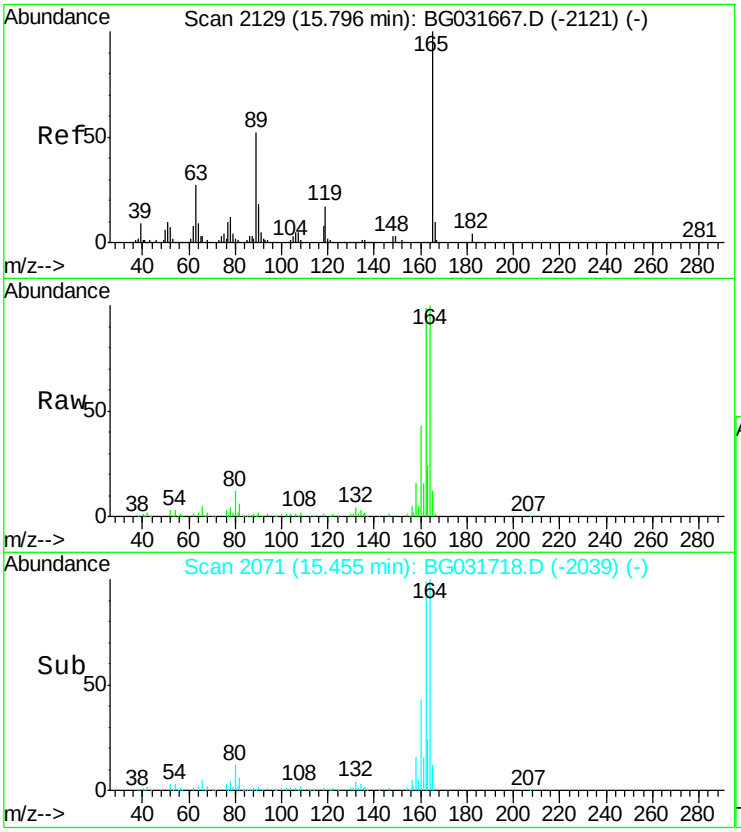


#49
Dimethylphthalate
Concen: 10.040 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:163 Resp: 120806

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	10.6	8.2	12.4



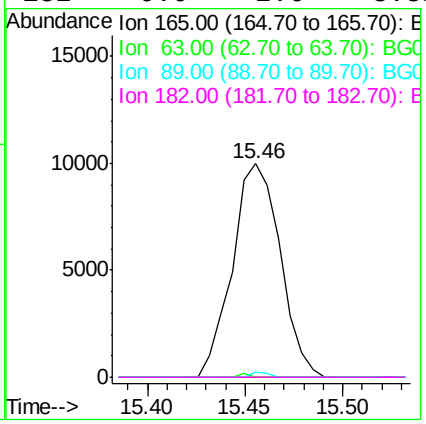


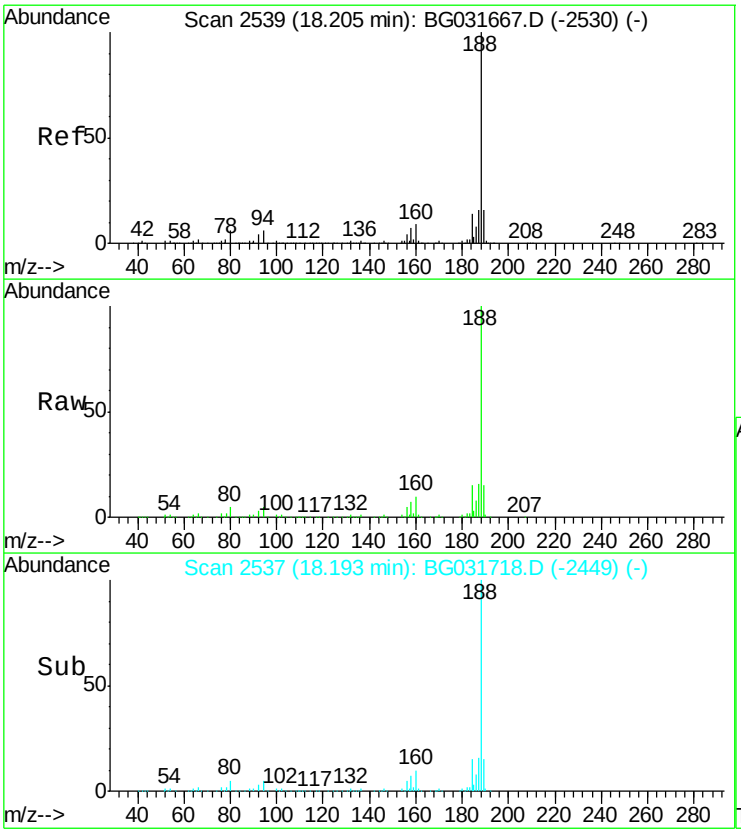
#56
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:165 Resp: 16918

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#

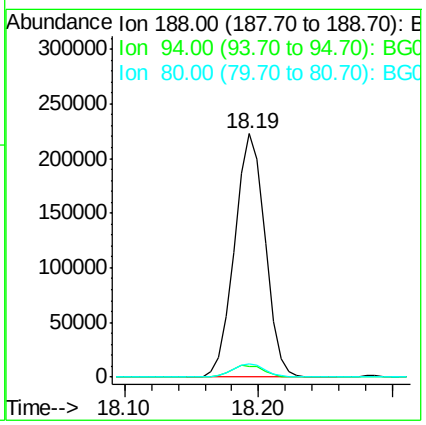


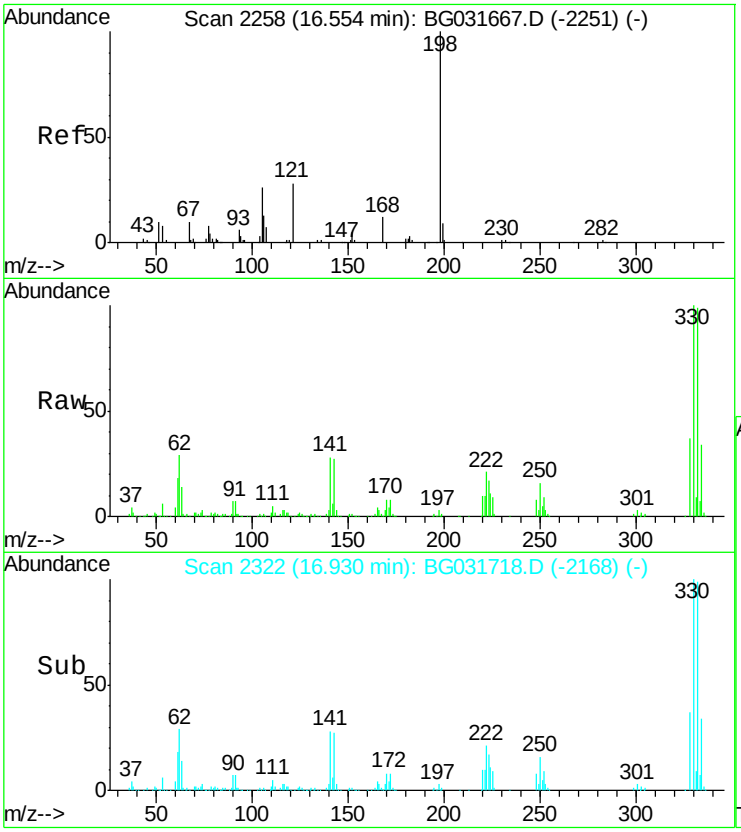


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:188 Resp: 352700

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	5.5	7.7	11.5#



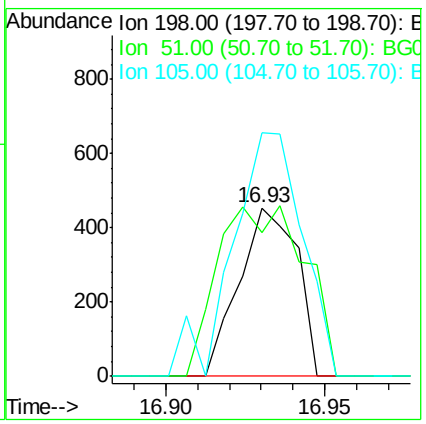


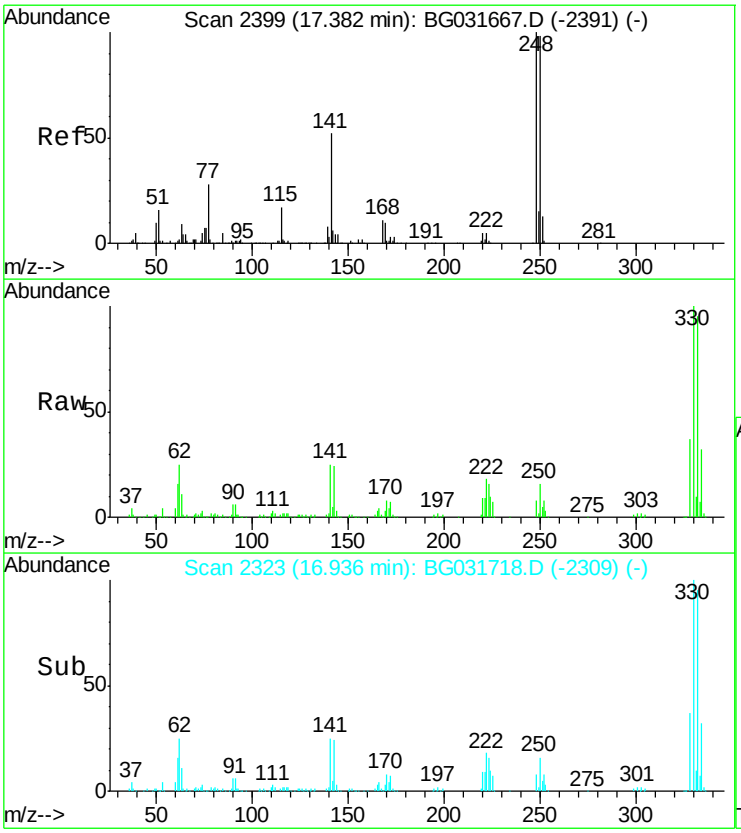
#64
4,6-Dinitro-2-methylphenol
Concen: 8.583 ng
RT: 16.93 min Scan# 2322
Delta R.T. 0.38 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:198 Resp: 575

Ion	Ratio	Lower	Upper
198	100		
51	85.2	30.6	70.6#
105	144.8	23.8	63.8#

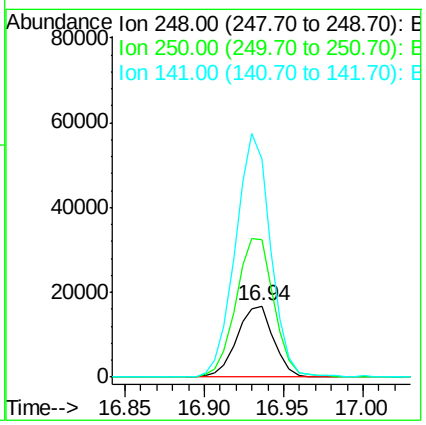


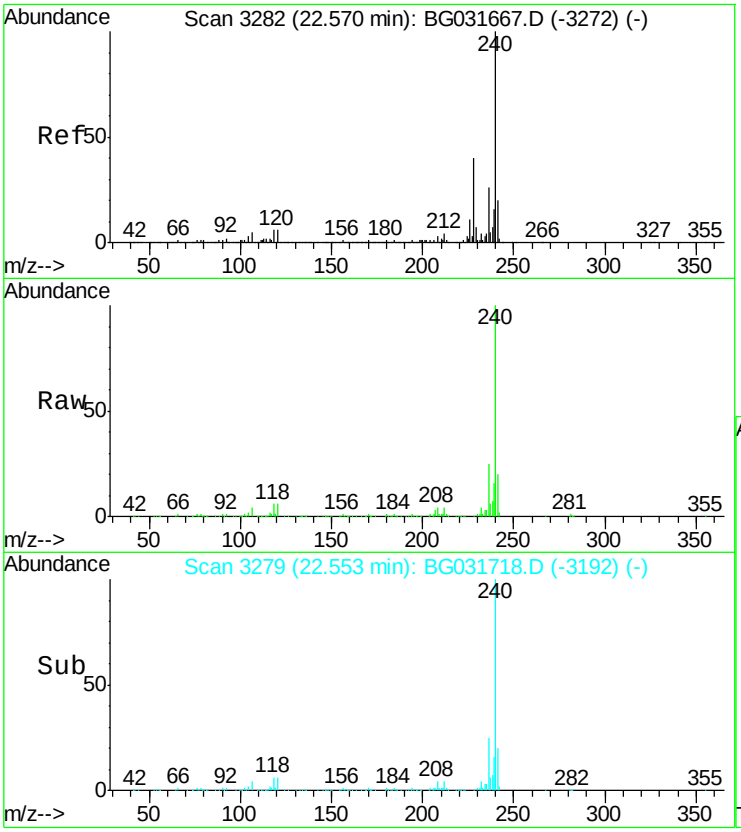


#66
4-Bromophenyl-phenylether
Concen: 5.253 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:248 Resp: 26793

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.1	115.7#
141	307.8	50.8	76.2#



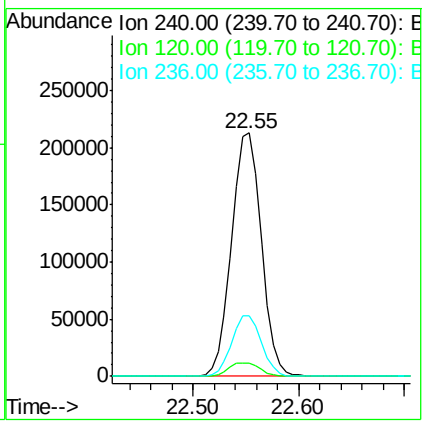


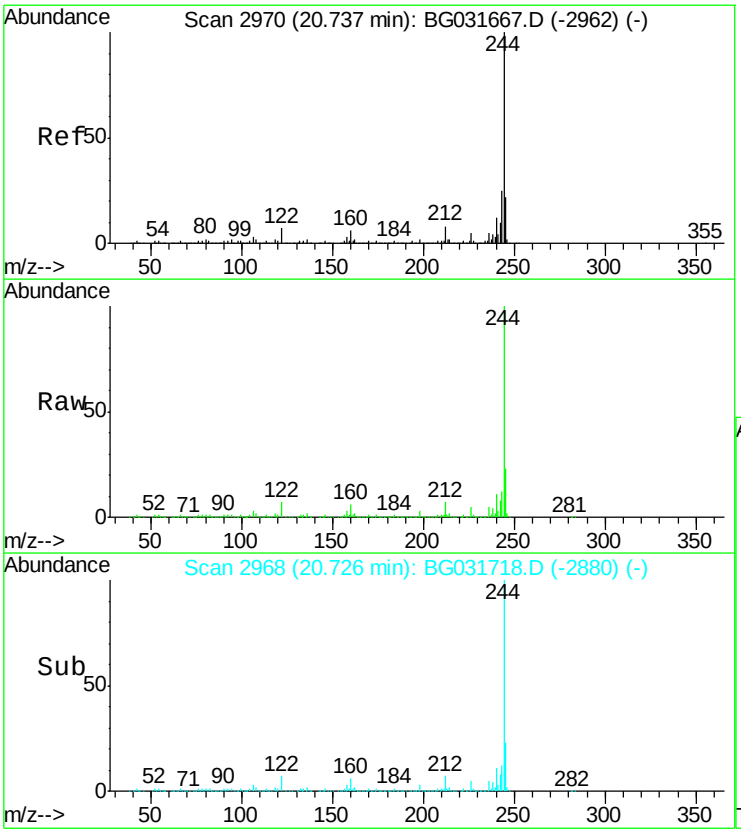
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:240 Resp: 414875

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.0	20.9	31.3

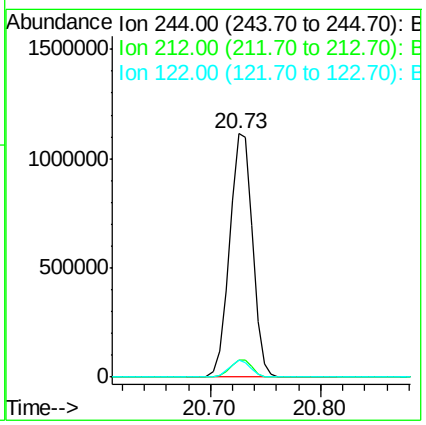


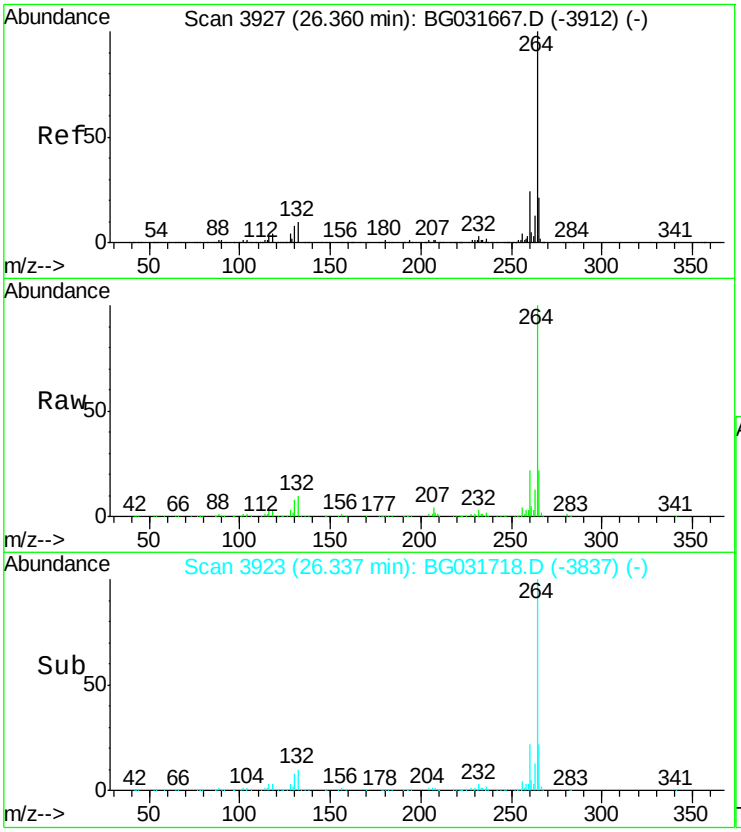


#78
Terphenyl-d14
Concen: 89.422 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:244 Resp: 1623843

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

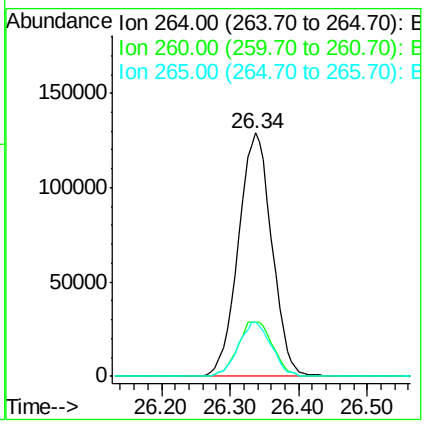




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:264 Resp: 437546

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.2	17.7	26.5



Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)