Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031720.D
Acq On : 22 Dec 2017 20:40
Operator : SJ/JU
Sample : I7002-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(75-77)

Quant Time: Dec 23 01:11:05 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	51395	20.00	ng		-0.01
21) Naphthalene-d8	11.72	136	208745	20.00	ng		0.00
38) Acenaphthene-d10	15.46	164	147596	20.00	ng		0.00
63) Phenanthrene-d10	18.19	188	378050	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	434075	20.00	ng		-0.02
86) Perylene-d12	26.33	264	470449	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	427570	151.53	ng		0.00
7) Phenol-d6	7.93	99	540495	147.53	ng		0.00
23) Nitrobenzene-d5	10.02	82	283069	102.40	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	366721	162.83	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1040938	88.52	ng		0.00
78) Terphenyl-d14	20.73	244	1698014	89.37	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	8.34	77	10227	4.636	ng		97
10) Phenol	7.95	94	17090	4.620	ng		94
19) n-Nitroso-di-n-propylamine	10.02	70	37896	15.146	ng	#	69
32) Benzoic acid	10.92	122	58	6.718	ng	#	1
49) Dimethylphthalate	14.88	163	185364	14.256	ng		99
56) 2,4-Dinitrotoluene	15.46	165	18793	6.110	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.94	198	795	8.663	ng	#	41
66) 4-Bromophenyl-phenylether	16.93	248	28552	5.223	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 : BG031720.D
Acq On : 22 Dec 2017 20:40
Operator : SJ/JU
Sample : I7002-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

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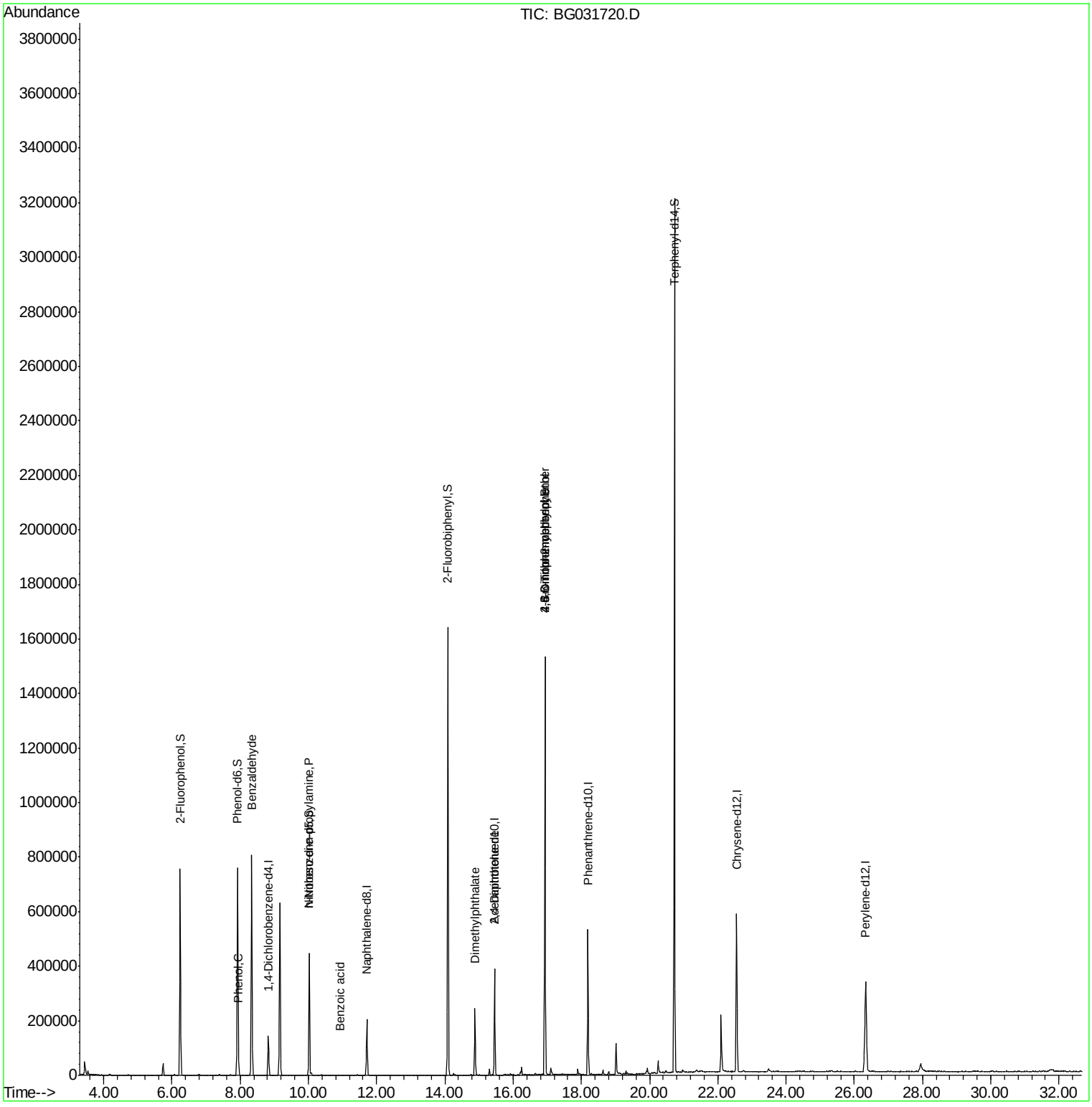
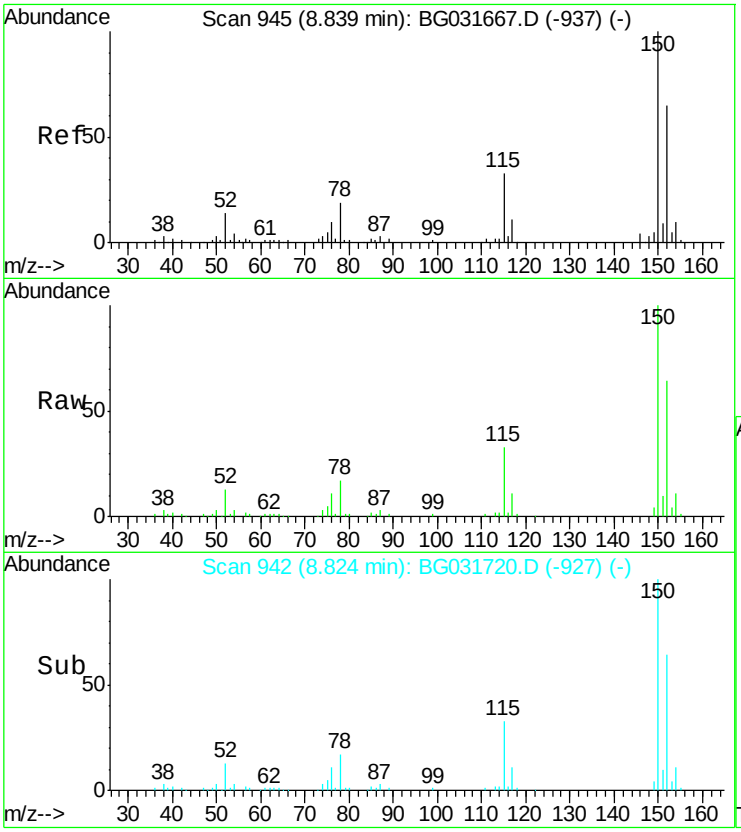


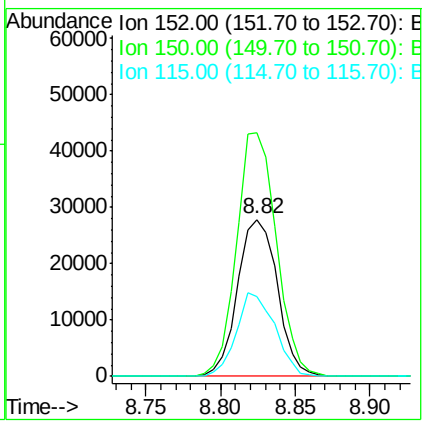


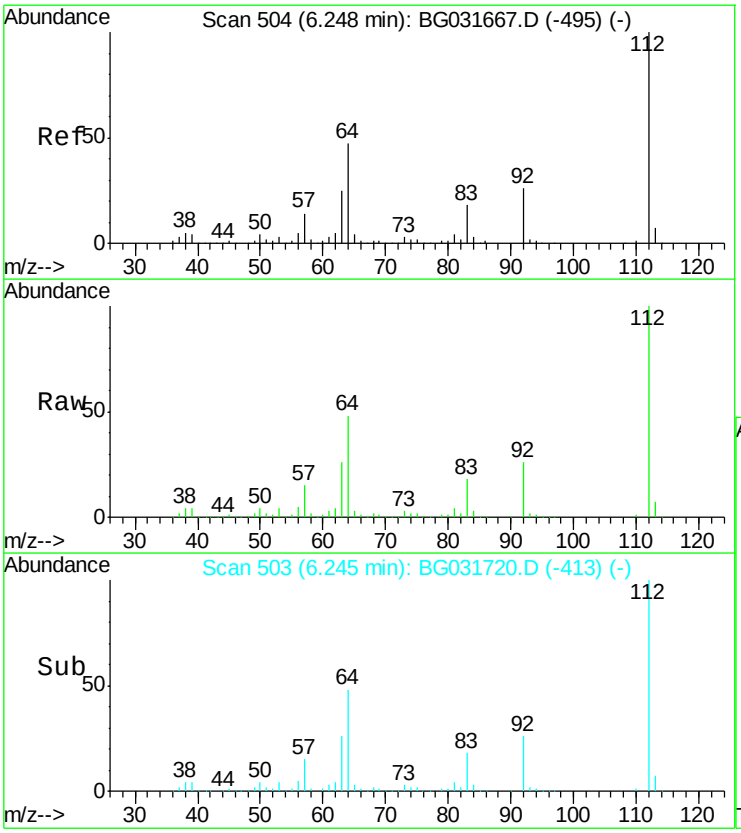
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:152 Resp: 51395

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	50.5	53.0	79.4#

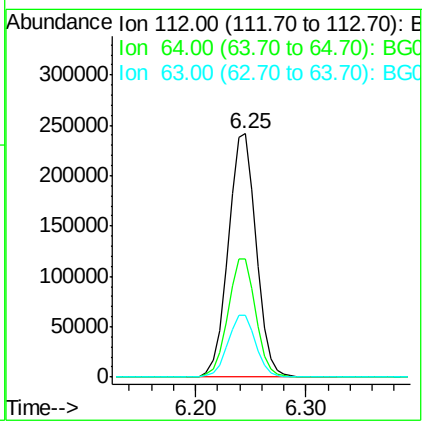


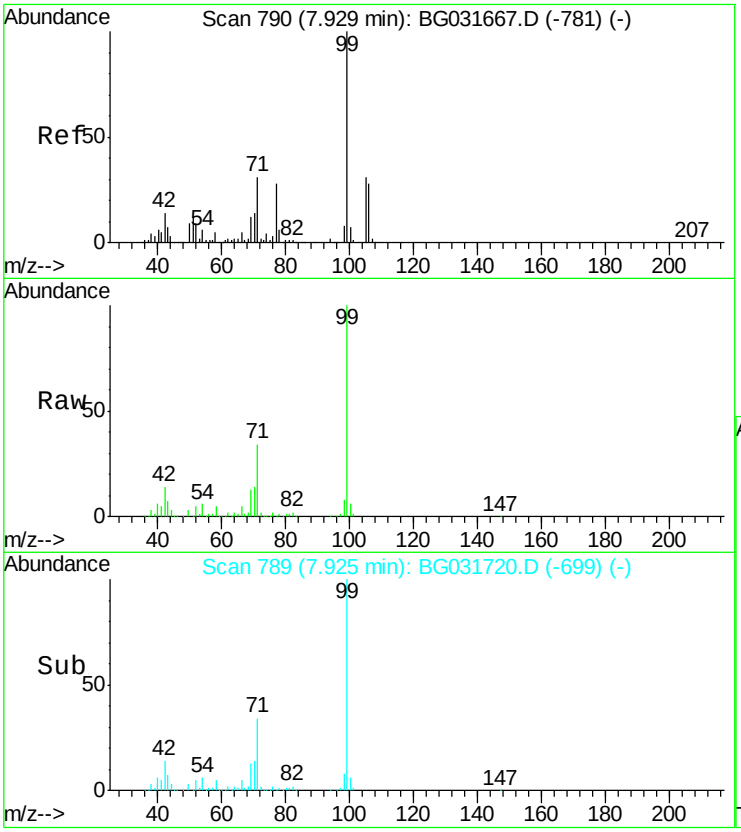


#5
2-Fluorophenol
Concen: 151.526 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:112 Resp: 427570

Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	25.5	30.1	45.1#



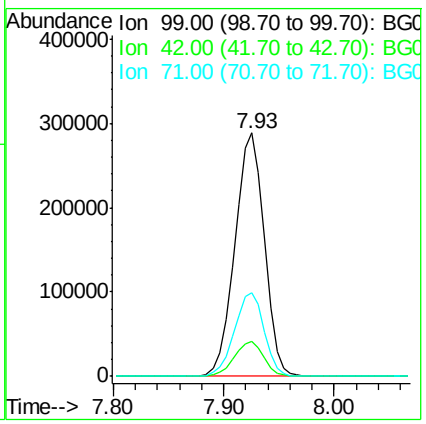


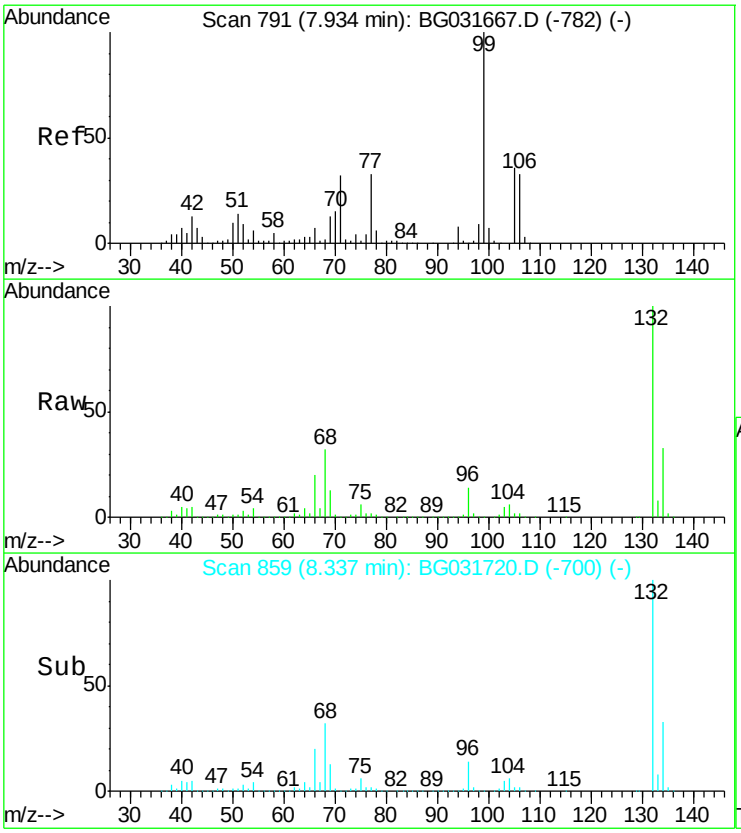
#7
Phenol-d6
Concen: 147.532 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion: 99 Resp: 540495

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.1	21.1
71	34.3	26.1	39.1

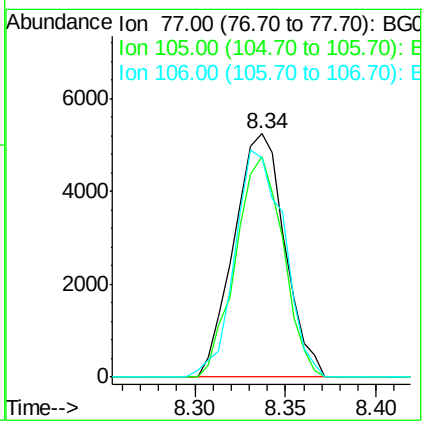


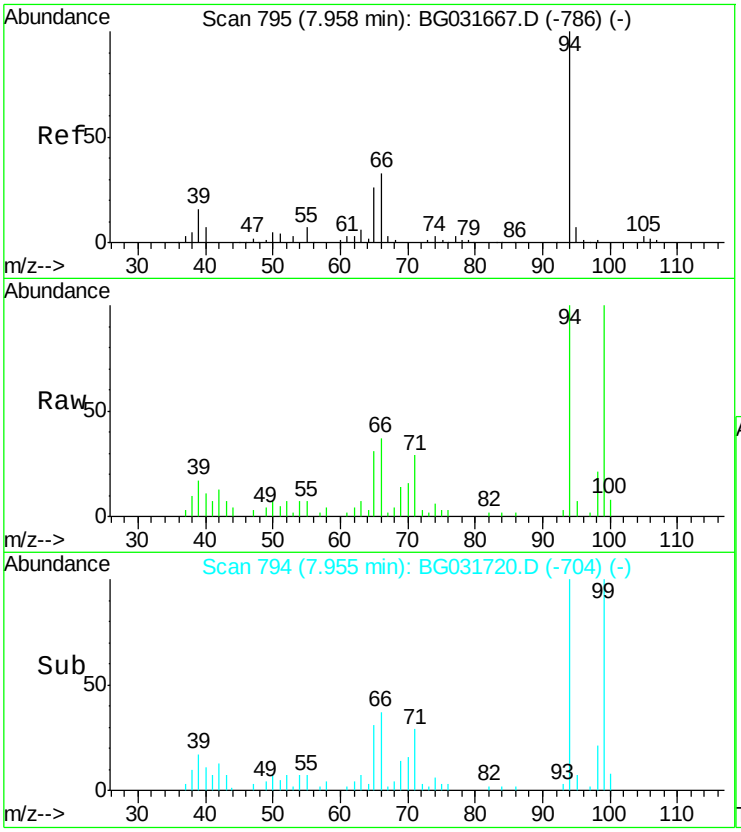


#9
Benzaldehyde
Concen: 4.636 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion: 77 Resp: 10227

Ion	Ratio	Lower	Upper
77	100		
105	90.8	71.3	111.3
106	89.8	64.2	104.2



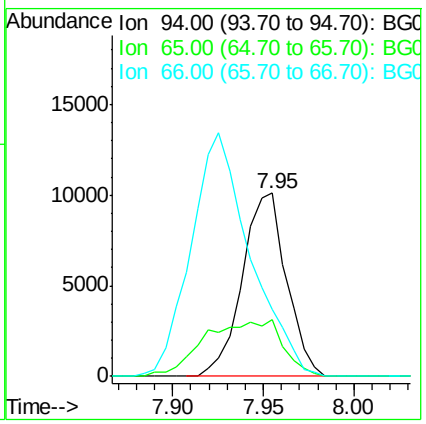


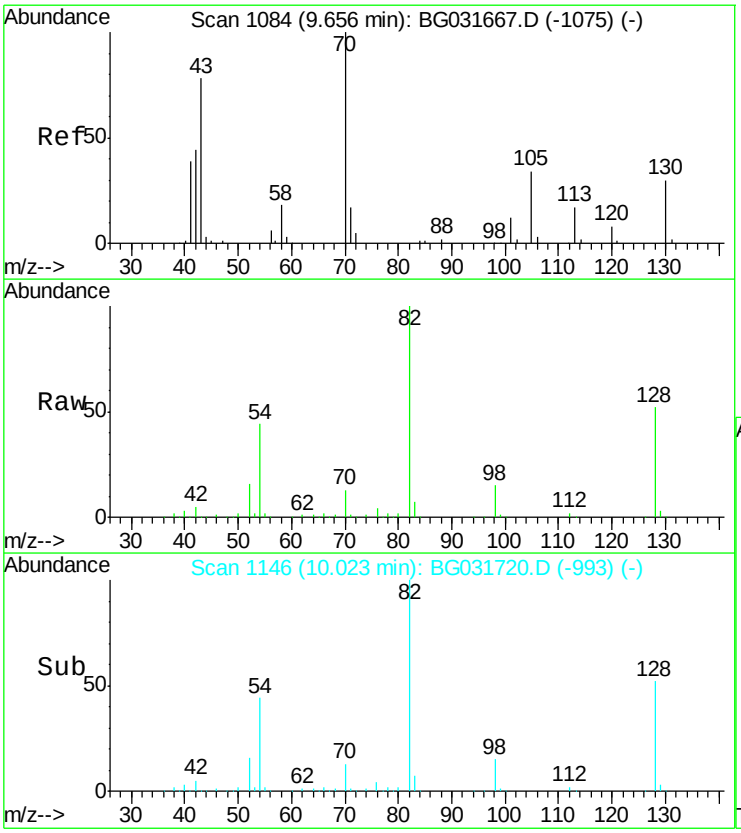
#10
Phenol
Concen: 4.620 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion: 94 Resp: 17090

Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.9	51.9
66	36.6	22.2	62.2

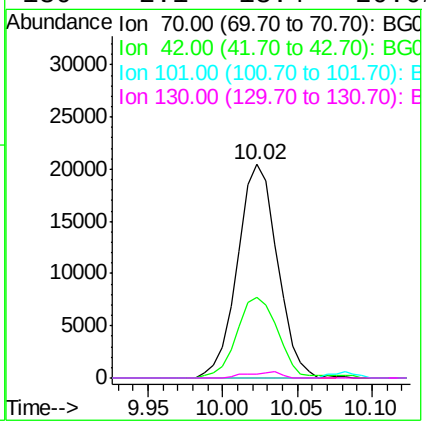


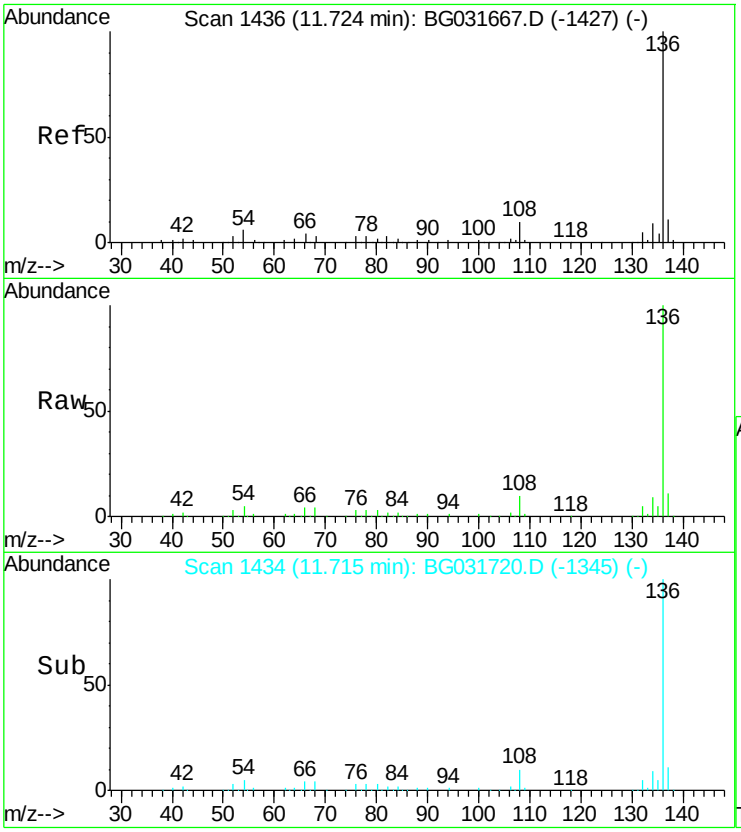


#19
n-Nitroso-di-n-propylamine
Concen: 15.146 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.37 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion: 70 Resp: 37896

Ion	Ratio	Lower	Upper
70	100		
42	37.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



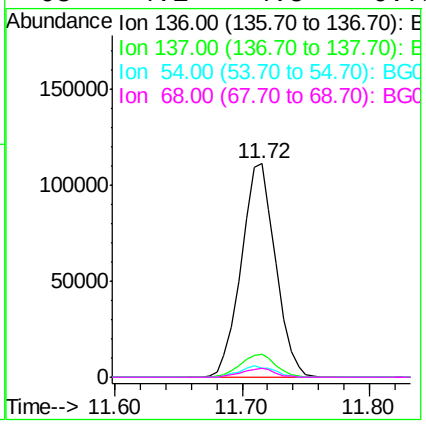


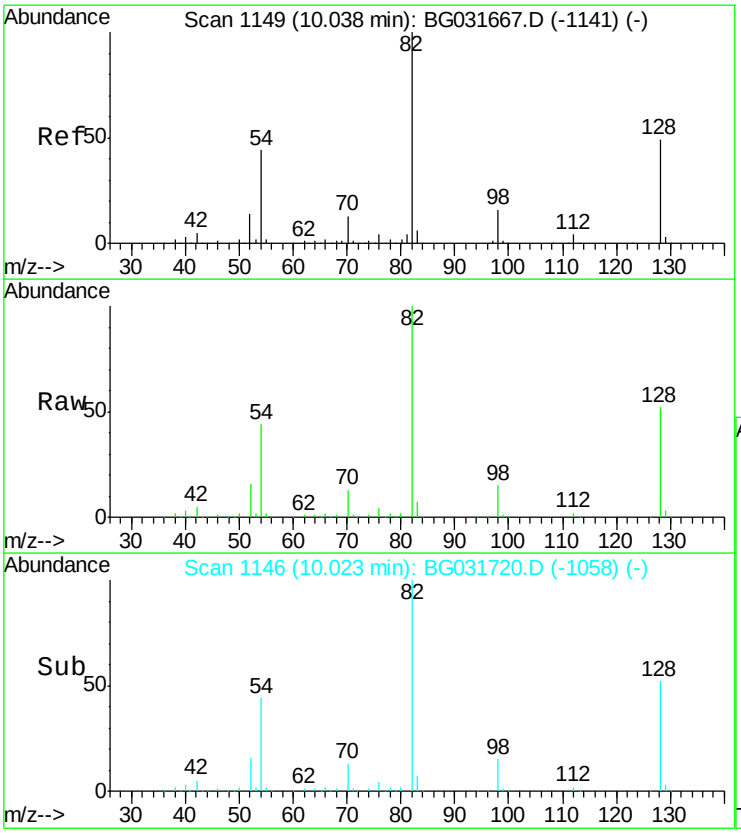
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:136 Resp: 208745

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.8	10.3	15.5#
68	4.1	4.5	6.7#

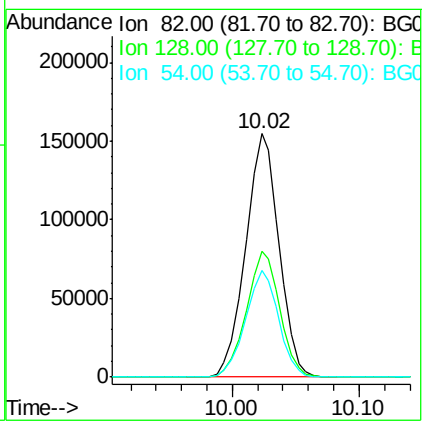


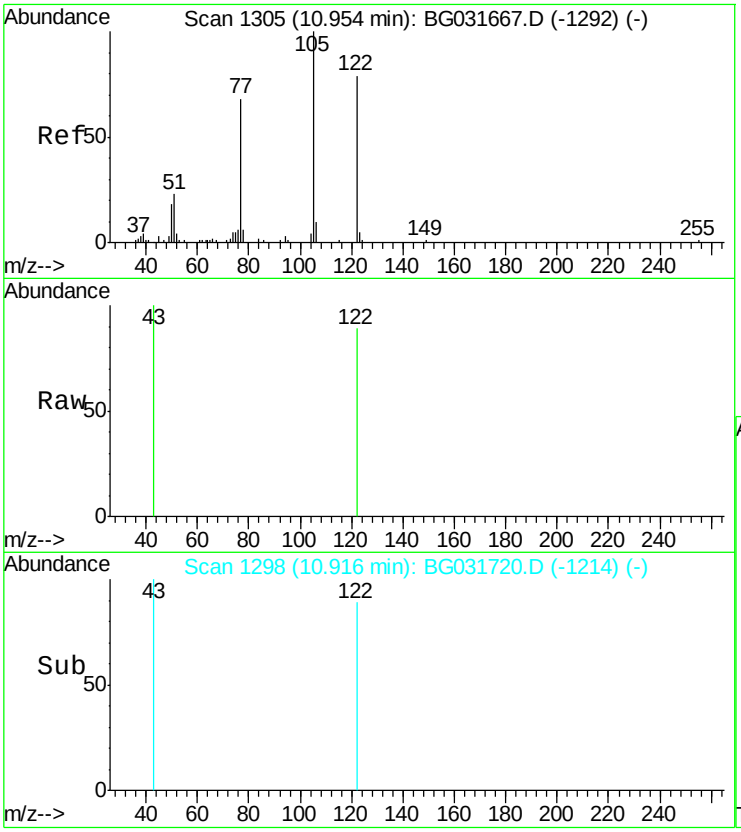


#23
Nitrobenzene-d5
Concen: 102.398 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion: 82 Resp: 283069

Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	44.0	43.1	64.7



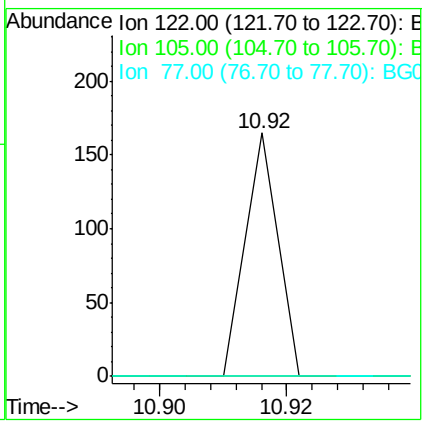


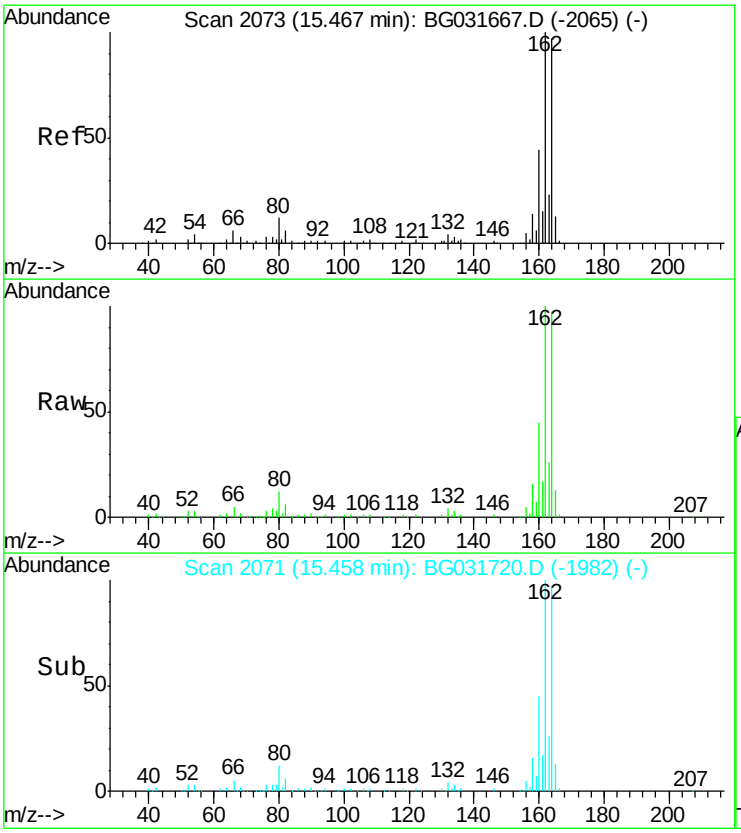
#32
Benzoic acid
Concen: 6.718 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:122 Resp: 58

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

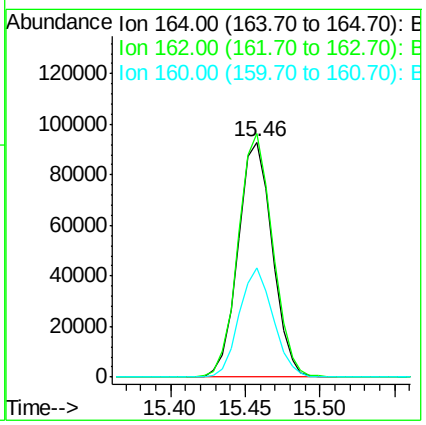


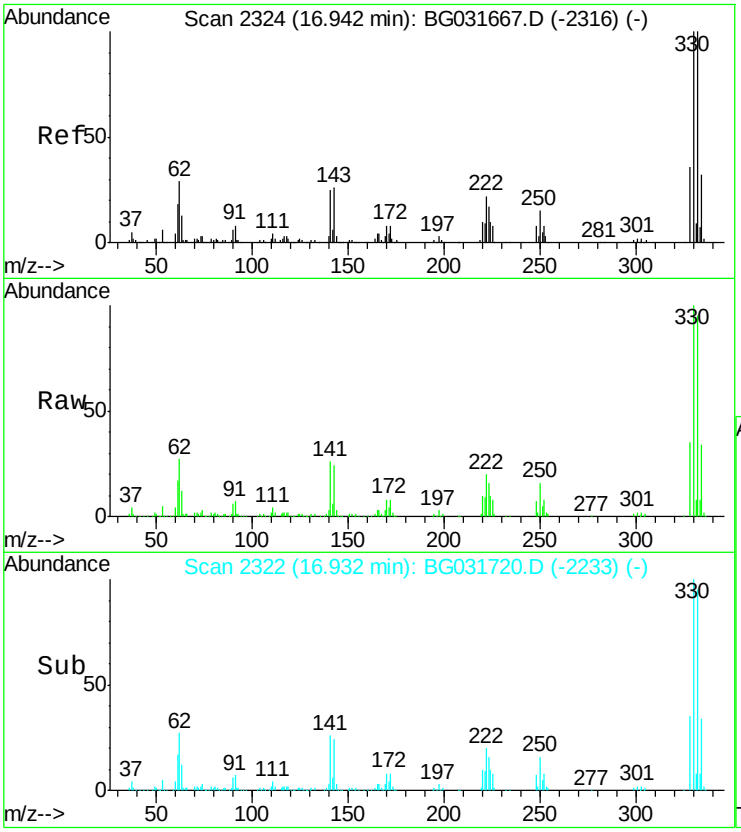


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:164 Resp: 147596

Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	46.5	35.4	53.0



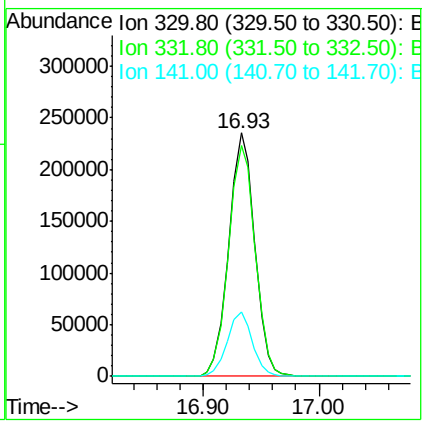


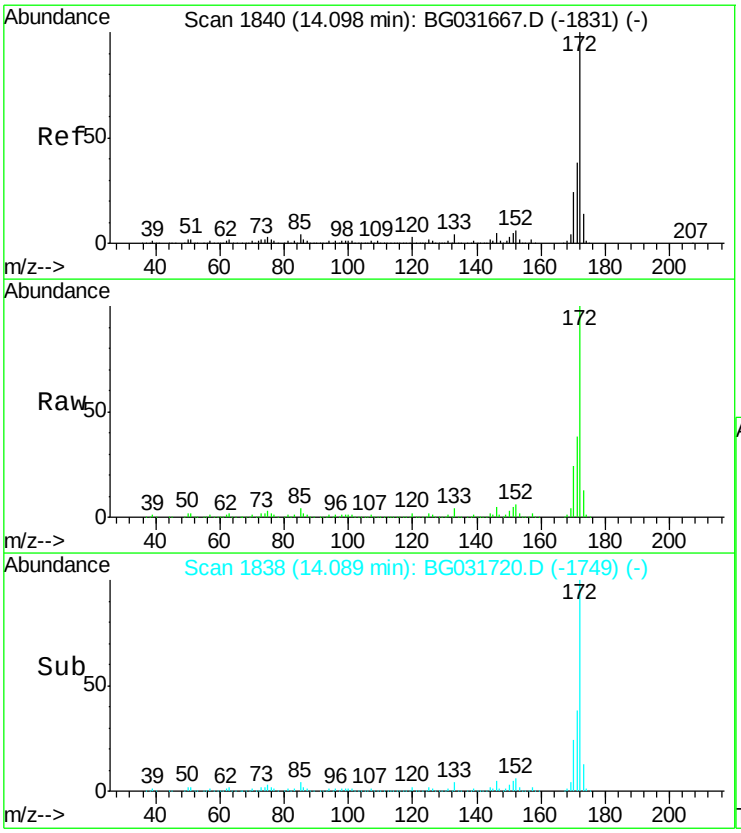
#41
2,4,6-Tribromophenol
Concen: 162.834 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:330 Resp: 366721

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	25.6	25.2	37.8

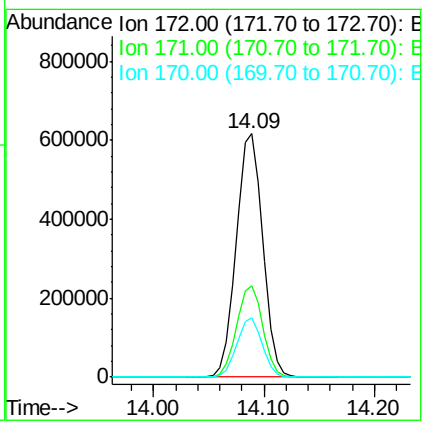


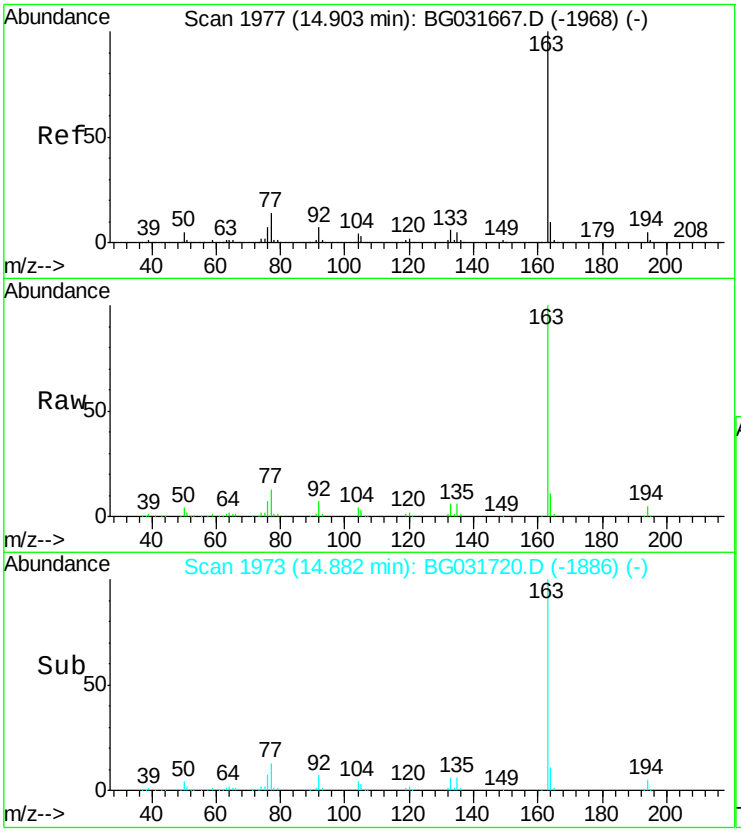


#44
2-Fluorobiphenyl
Concen: 88.520 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:172 Resp: 1040938

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.3	19.5	29.3



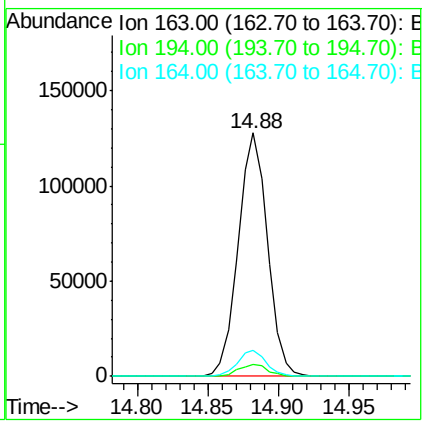


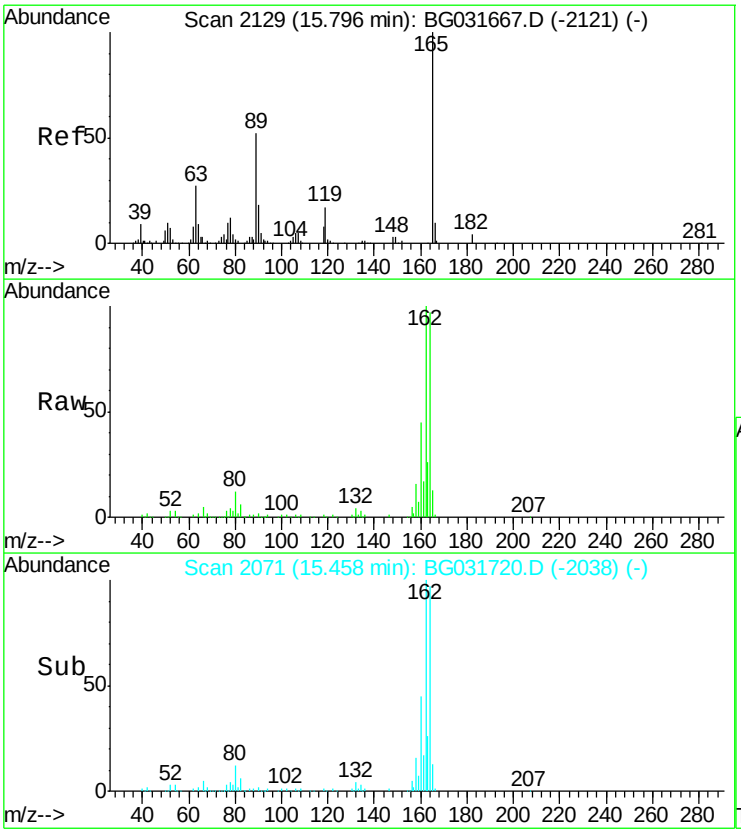
#49
Dimethylphthalate
Concen: 14.256 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:163 Resp: 185364

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.7	8.2	12.4

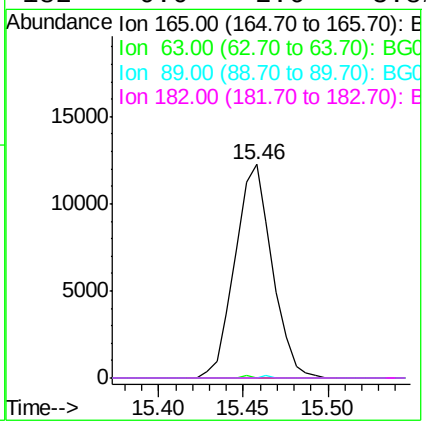


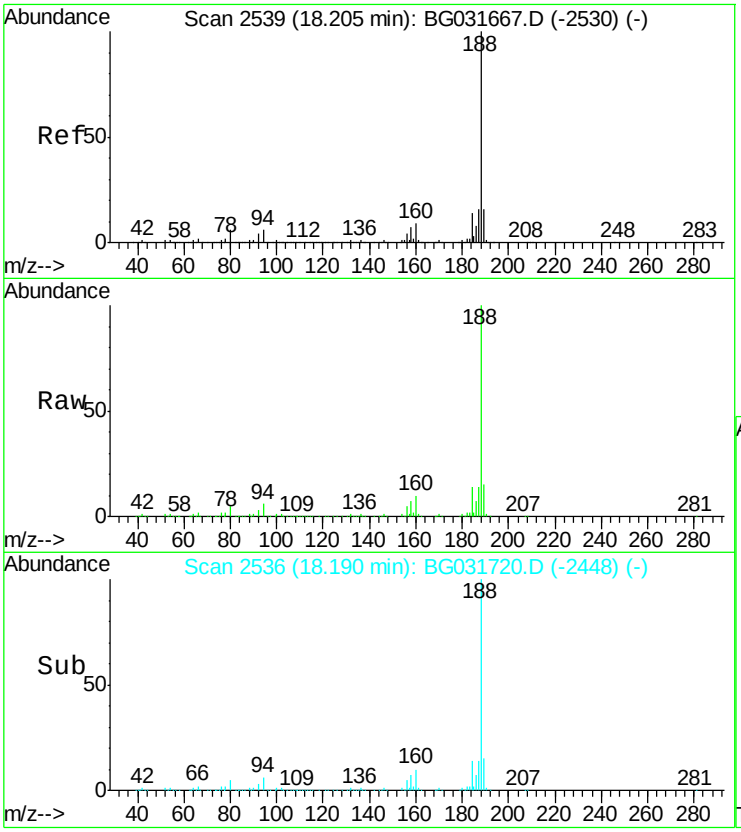


#56
2,4-Dinitrotoluene
Concen: 6.110 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:165 Resp: 18793

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#



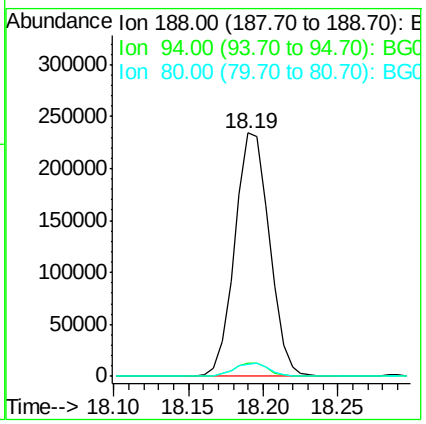


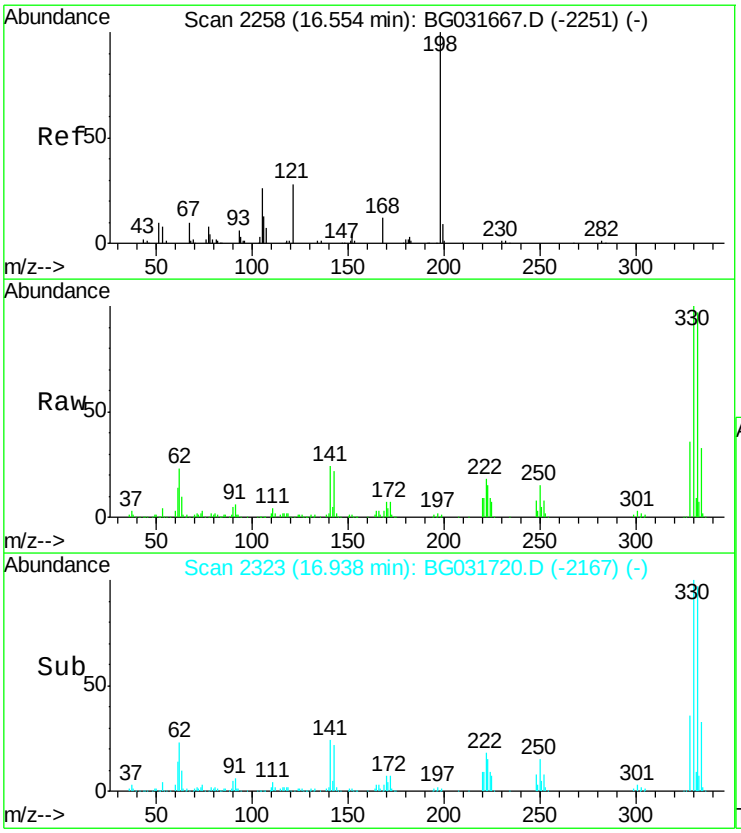
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:188 Resp: 378050

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.1	7.7	11.5#

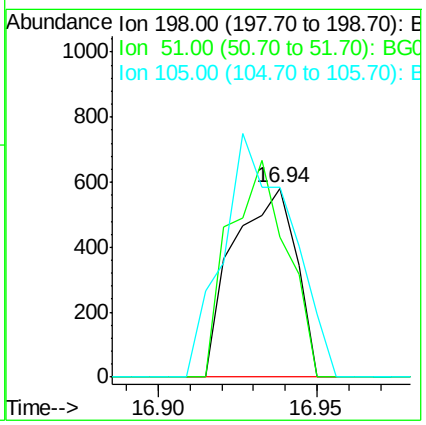


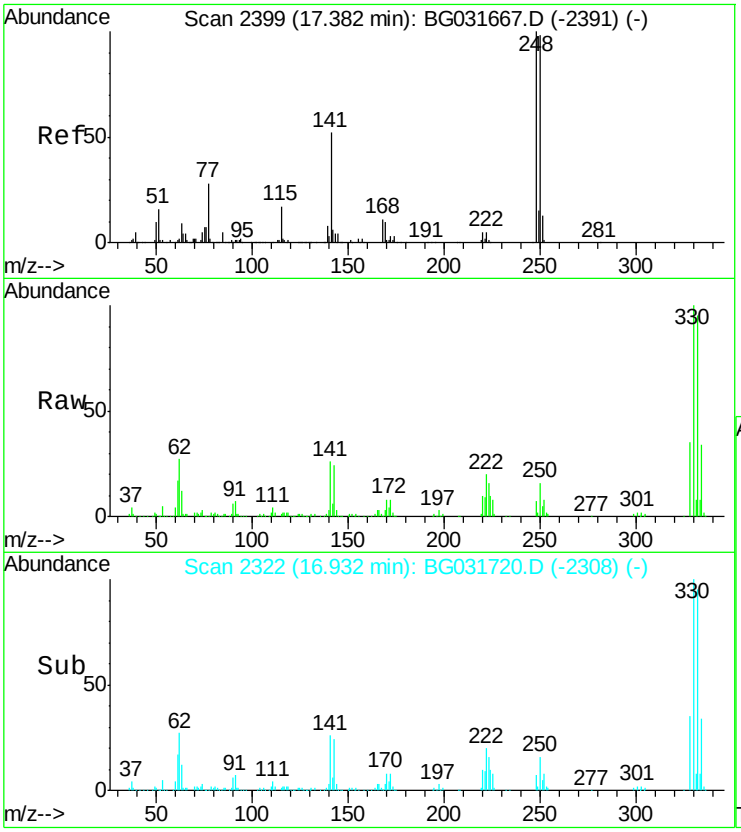


#64
4,6-Dinitro-2-methylphenol
Concen: 8.663 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.39 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:198 Resp: 795

Ion	Ratio	Lower	Upper
198	100		
51	73.8	30.6	70.6#
105	100.9	23.8	63.8#



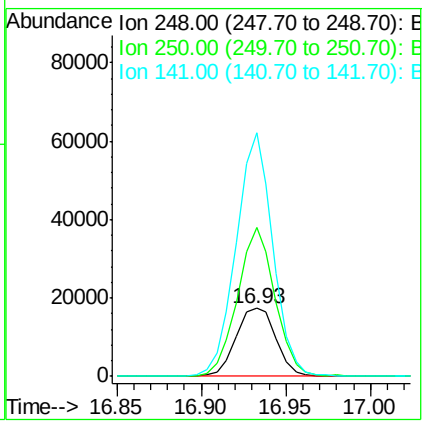


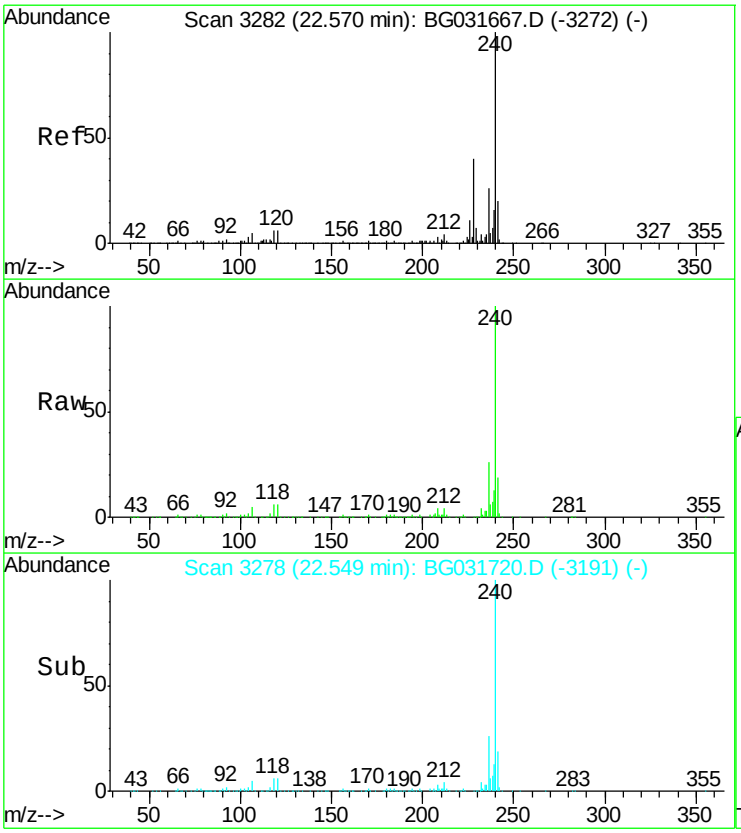
#66
4-Bromophenyl-phenylether
Concen: 5.223 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:248 Resp: 28552

Ion	Ratio	Lower	Upper
248	100		
250	218.4	77.1	115.7#
141	358.3	50.8	76.2#

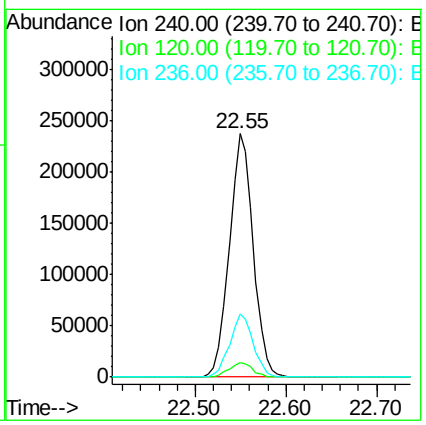


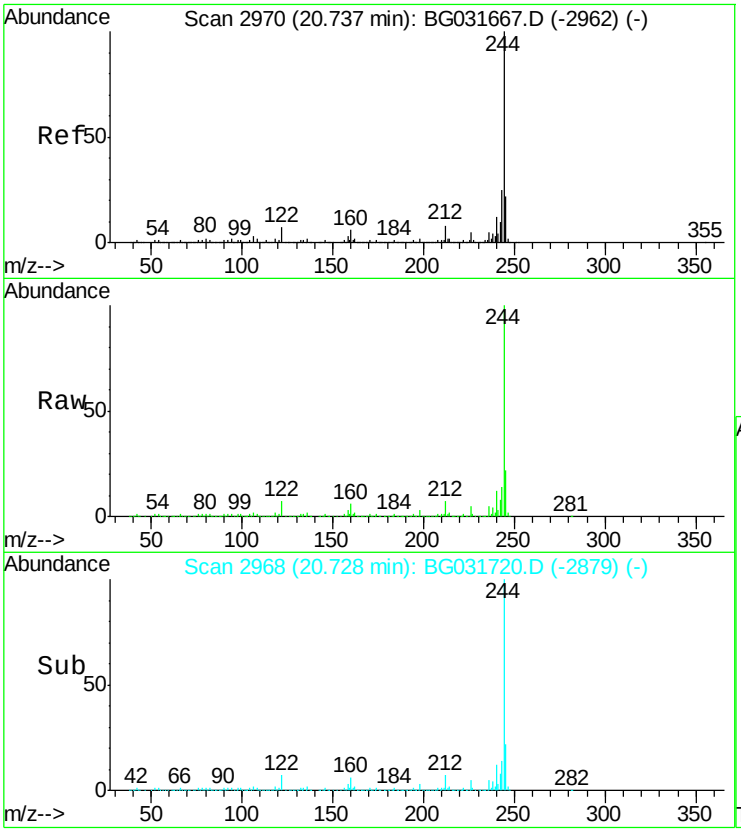


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:240 Resp: 434075

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.8	20.9	31.3



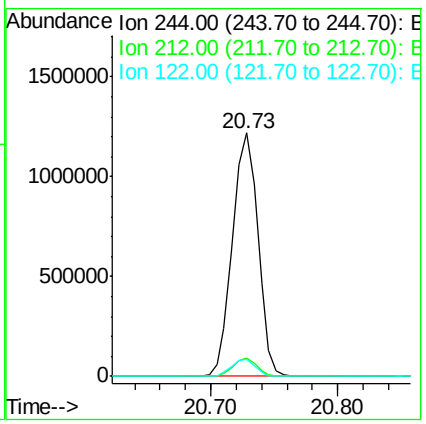


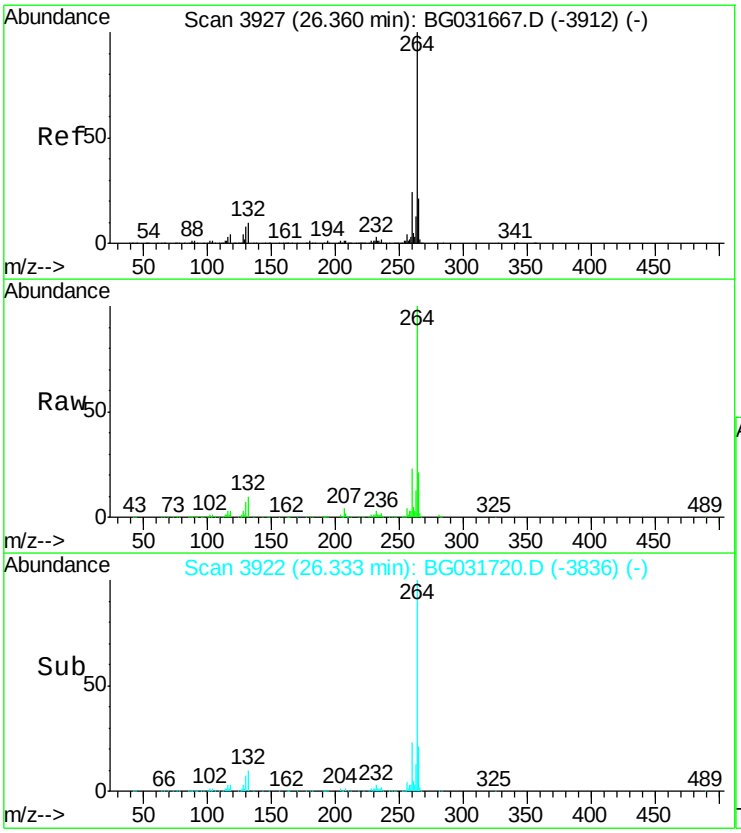
#78
Terphenyl-d14
Concen: 89.371 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion:244 Resp: 1698014

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.0	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: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:264 Resp: 470449

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.5	17.7	26.5