Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033889.D
Acq On : 20 Apr 2018 16:58
Operator : SJ/JU
Sample : J2480-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-118-1(10-12)

Quant Time: Apr 21 05:15:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	72692	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	304504	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	191252	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	467433	20.00	ng		0.00
75) Chrysene-d12	21.48	240	498803	20.00	ng		-0.01
86) Perylene-d12	24.55	264	506200	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	650687	142.91	ng		0.00
7) Phenol-d6	7.01	99	857254	129.09	ng		0.00
23) Nitrobenzene-d5	8.98	82	517288	96.68	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	340145	152.45	ng		-0.01
44) 2-Fluorobiphenyl	13.09	172	1163089	89.34	ng		0.00
78) Terphenyl-d14	19.86	244	1768230	79.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.01	77	1739	Below Cal		#	5
10) Phenol	7.03	94	17027	2.503	ng		99
19) n-Nitroso-di-n-propylamine	8.99	70	71979	12.715	ng	#	79
32) Benzoic acid	9.79	122	54	5.095	ng	#	1
49) Dimethylphthalate	13.93	163	104604	6.218	ng		100
56) 2,4-Dinitrotoluene	14.47	165	24978	5.892	ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.96	198	3963	8.012	ng	#	76
66) 4-Bromophenyl-phenylether	15.96	248	24342	4.742	ng	#	1
76) Benzidine	19.86	184	27748	2.060	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
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Acq On : 20 Apr 2018 16:58
Operator : SJ/JU
Sample : J2480-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Quant Time: Apr 21 05:15:02 2018
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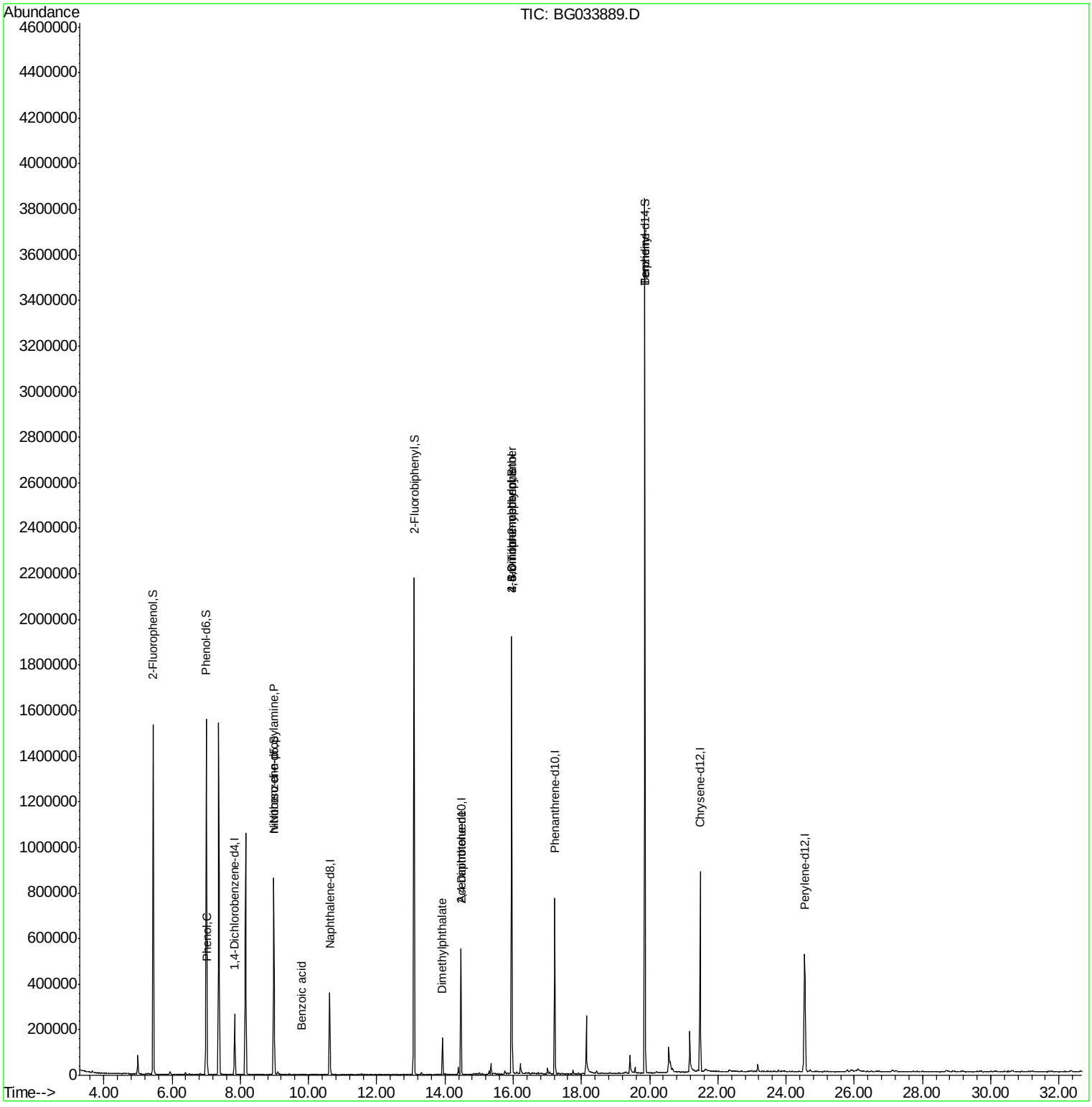
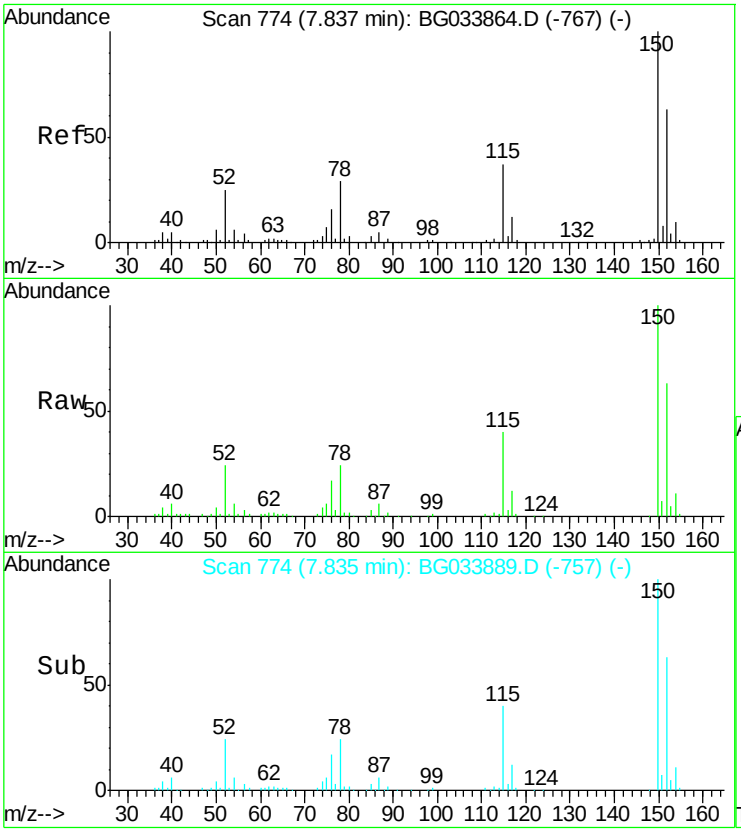


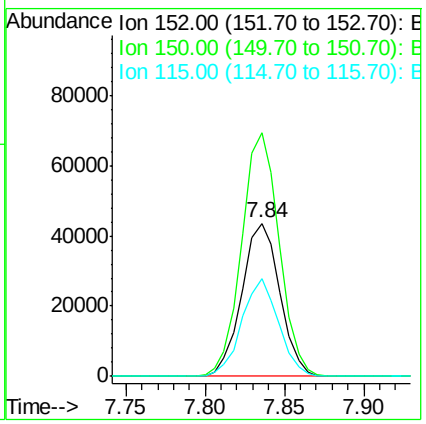


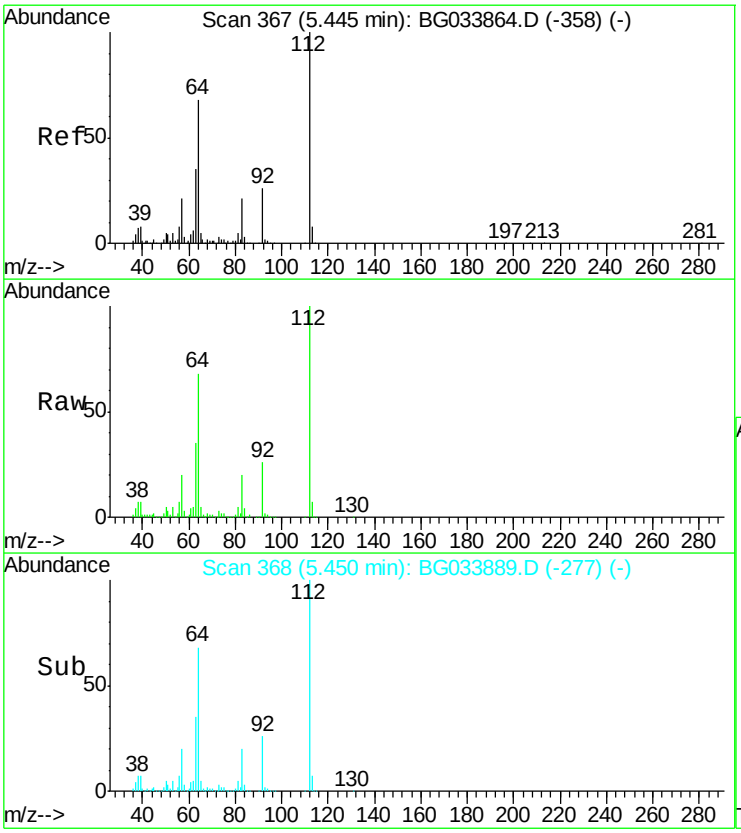
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:152 Resp: 72692

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	63.9	53.0	79.4

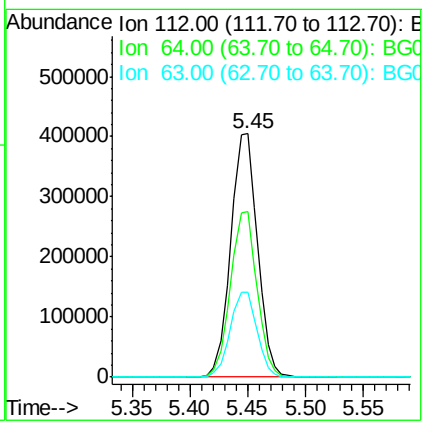


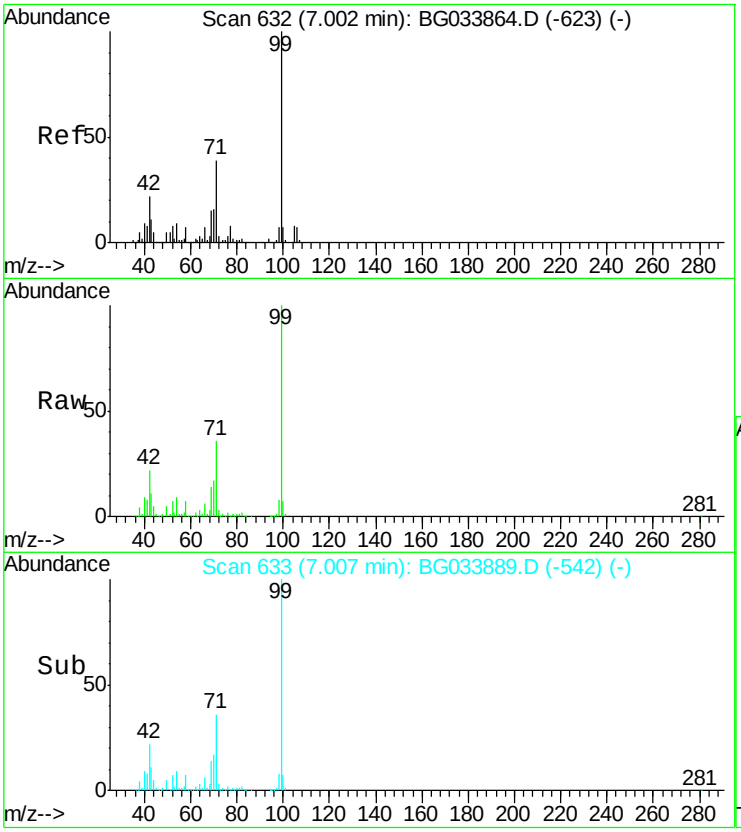


#5
2-Fluorophenol
Concen: 142.910 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:112 Resp: 650687

Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.3	84.5
63	34.8	30.1	45.1



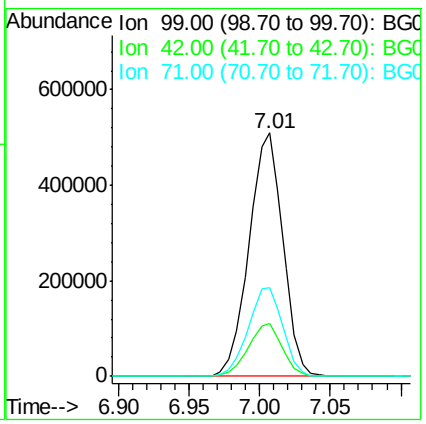


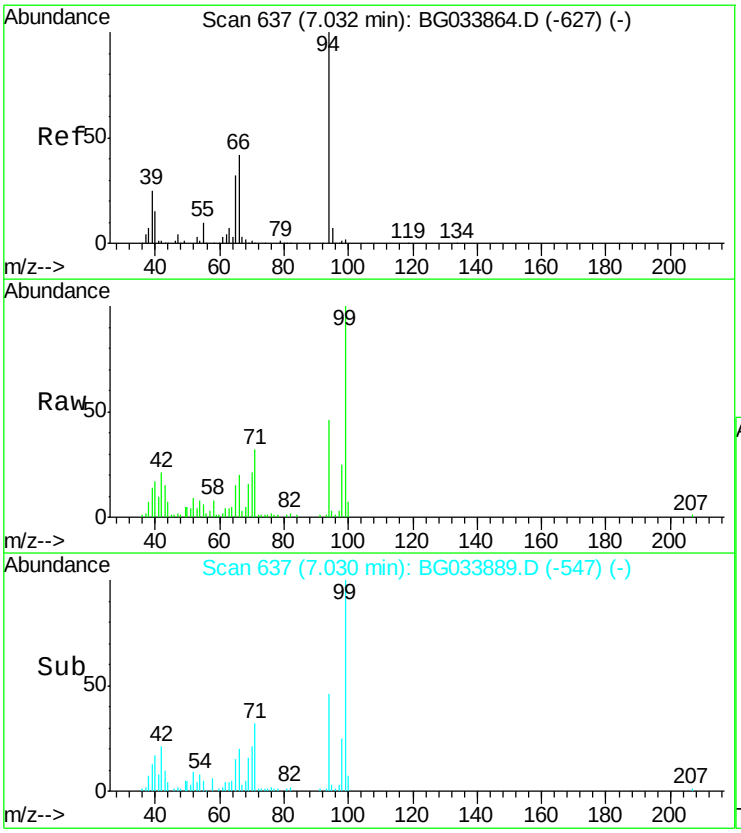
#7
Phenol-d6
Concen: 129.085 ng
RT: 7.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion: 99 Resp: 857254

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.1	21.1#
71	36.3	26.1	39.1

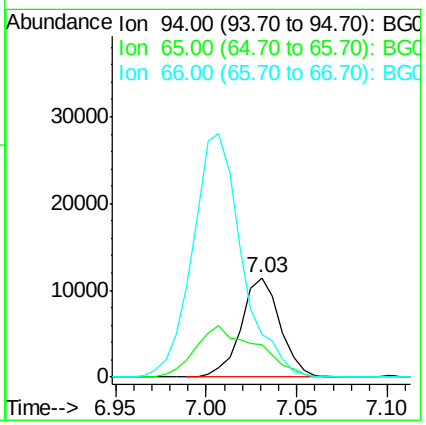


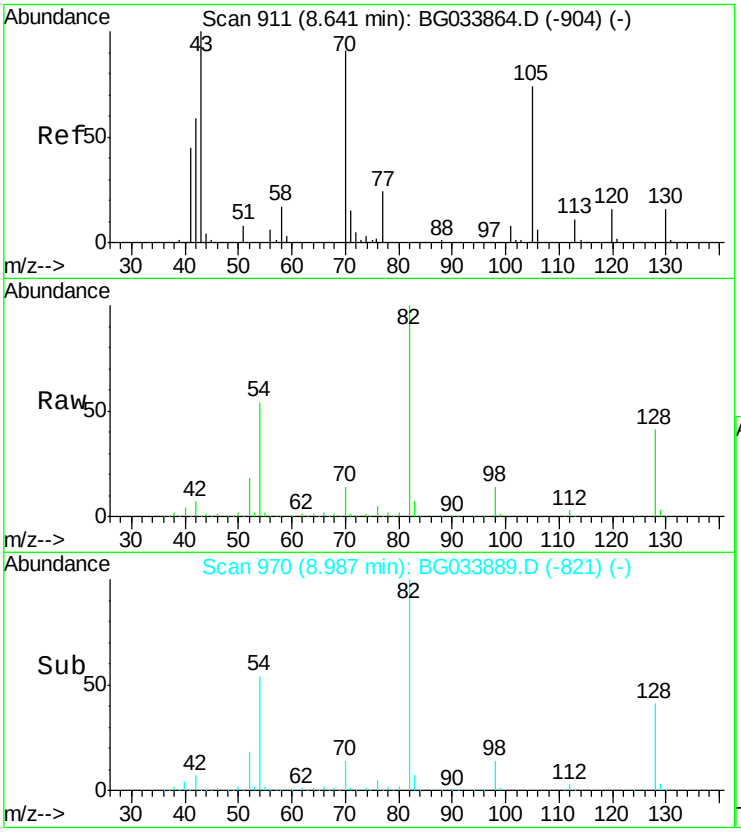


#10
Phenol
Concen: 2.503 ng
RT: 7.03 min Scan# 637
Delta R.T. -0.00 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion: 94 Resp: 17027

Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.9	51.9
66	43.1	22.2	62.2



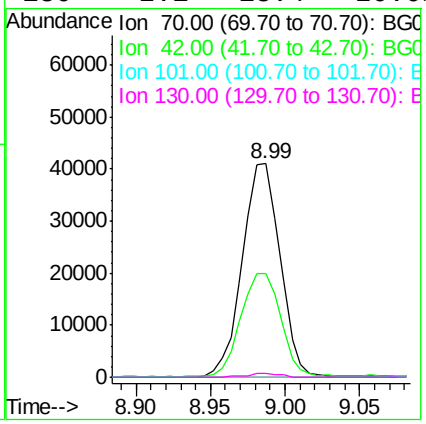


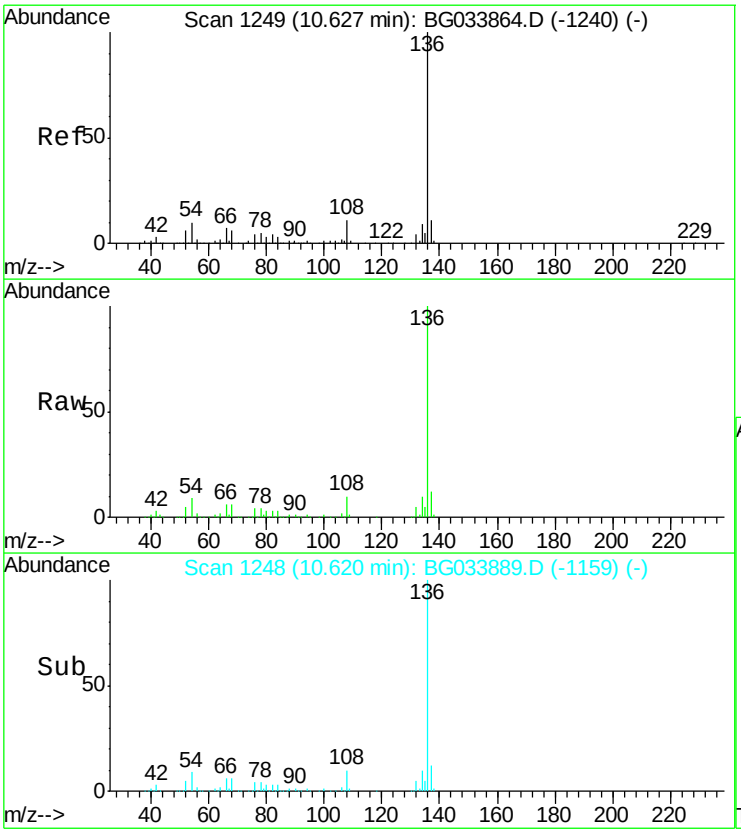
#19
n-Nitroso-di-n-propylamine
Concen: 12.715 ng
RT: 8.99 min Scan# 970
Delta R.T. 0.35 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion: 70 Resp: 71979

Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

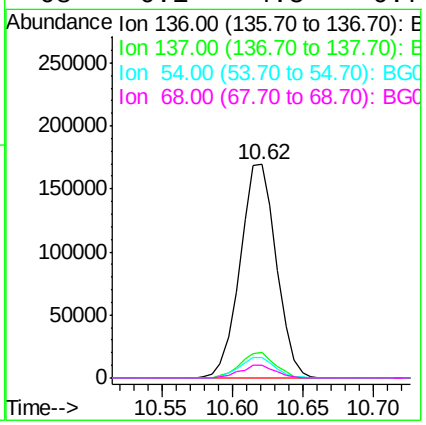


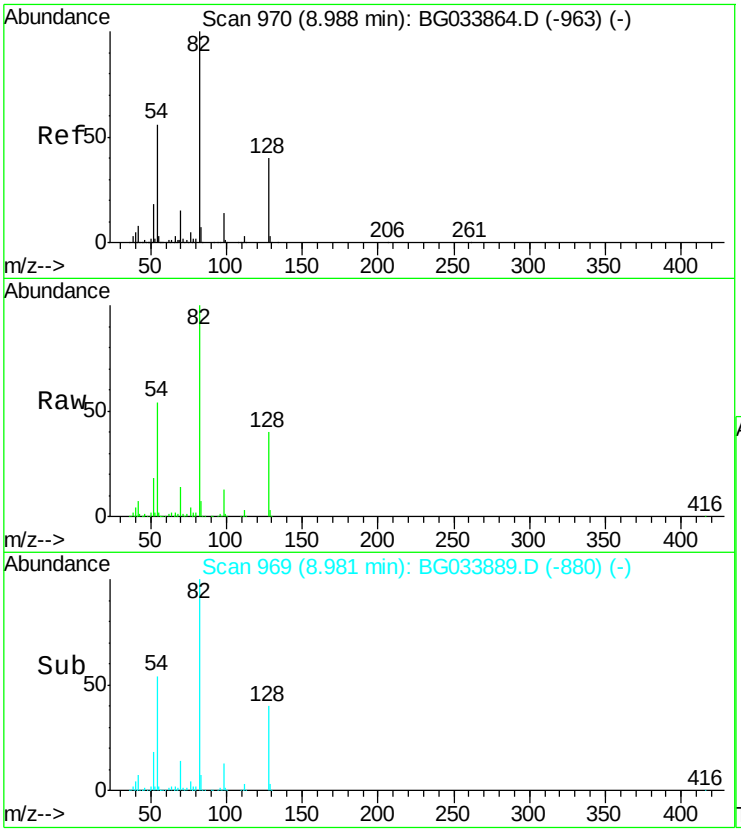


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:136 Resp: 304504

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	9.3	10.3	15.5#
68	6.1	4.5	6.7



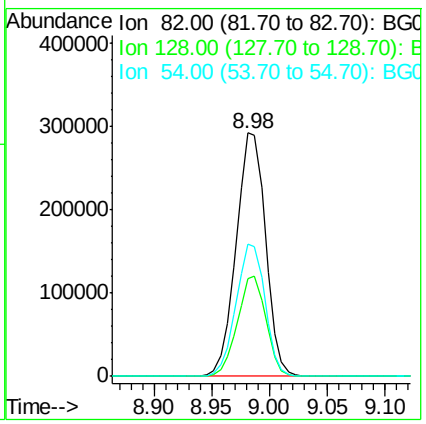


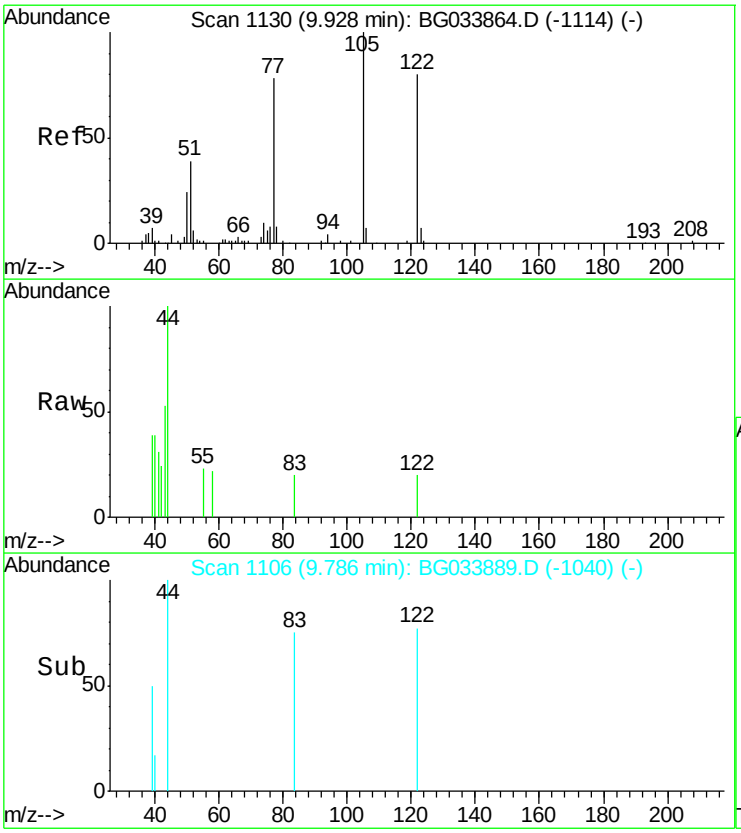
#23
Nitrobenzene-d5
Concen: 96.677 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion: 82 Resp: 517288

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.7	44.5
54	54.4	43.1	64.7

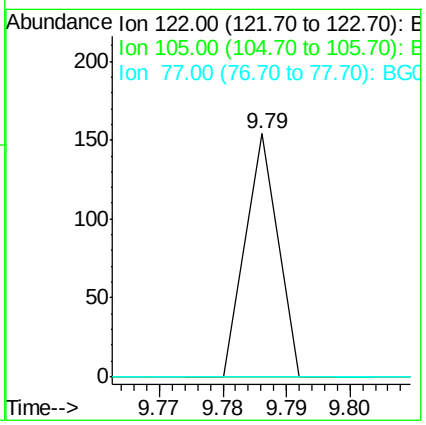


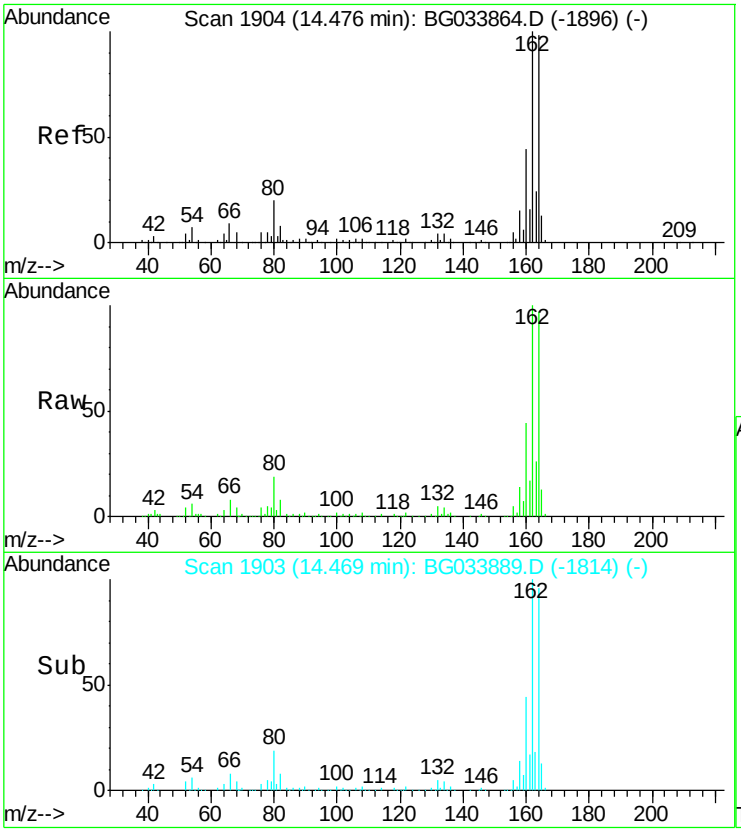


#32
Benzoic acid
Concen: 5.095 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.14 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:122 Resp: 54

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



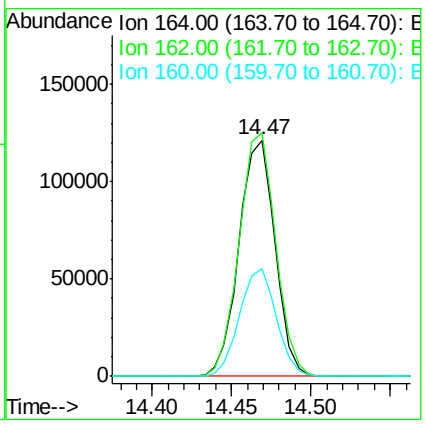


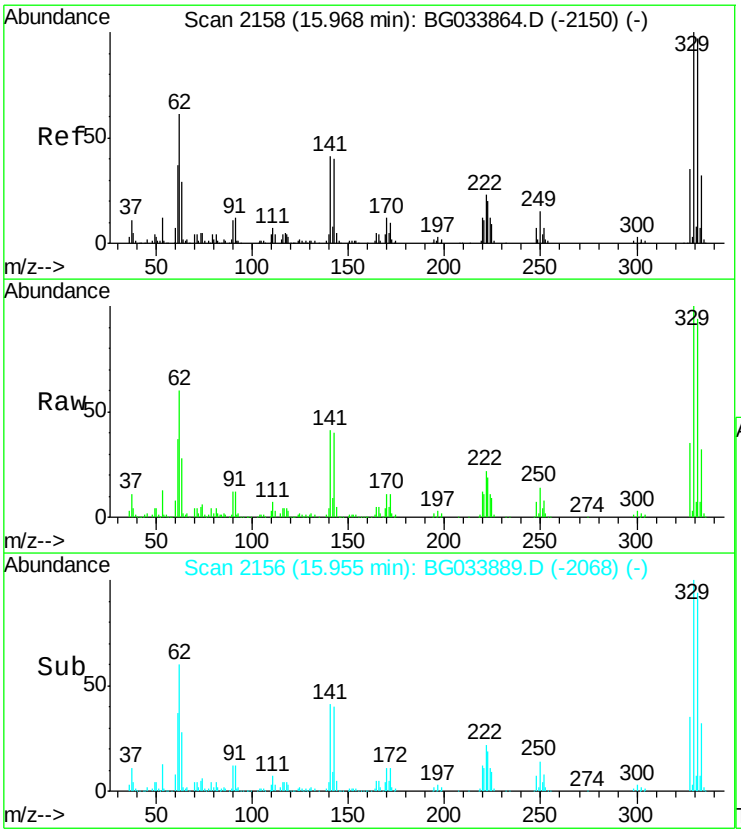
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:164 Resp: 191252

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.6	35.4	53.0

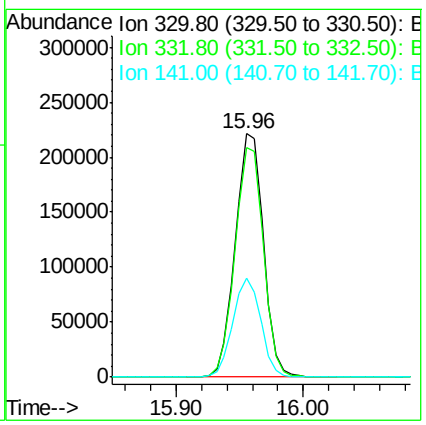


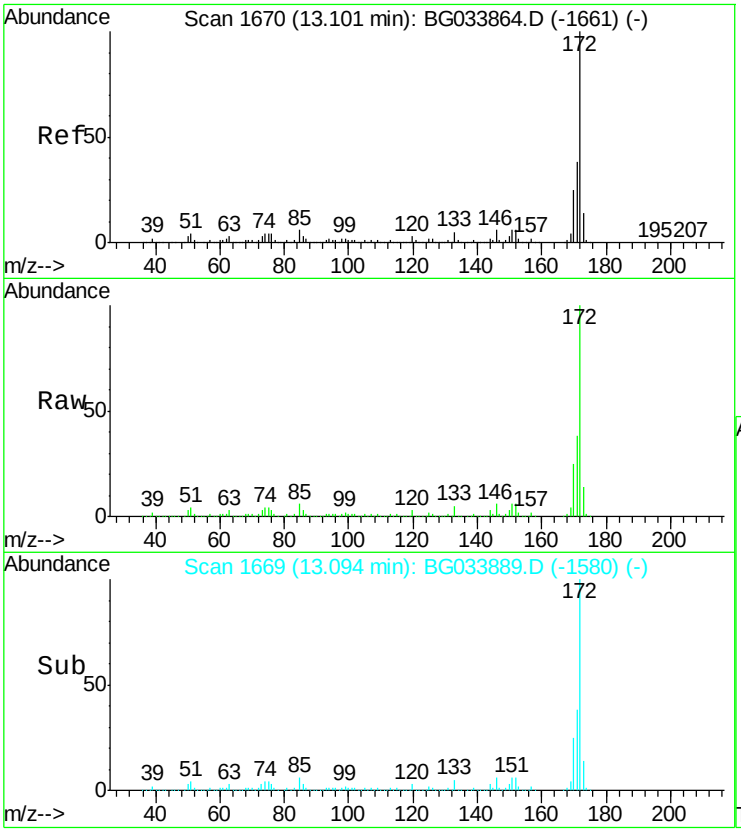


#41
2,4,6-Tribromophenol
Concen: 152.445 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:330 Resp: 340145

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.3	25.2	37.8#



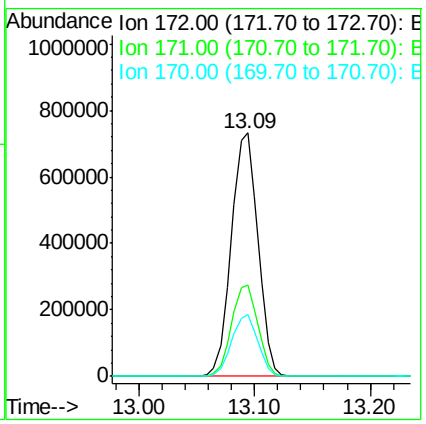


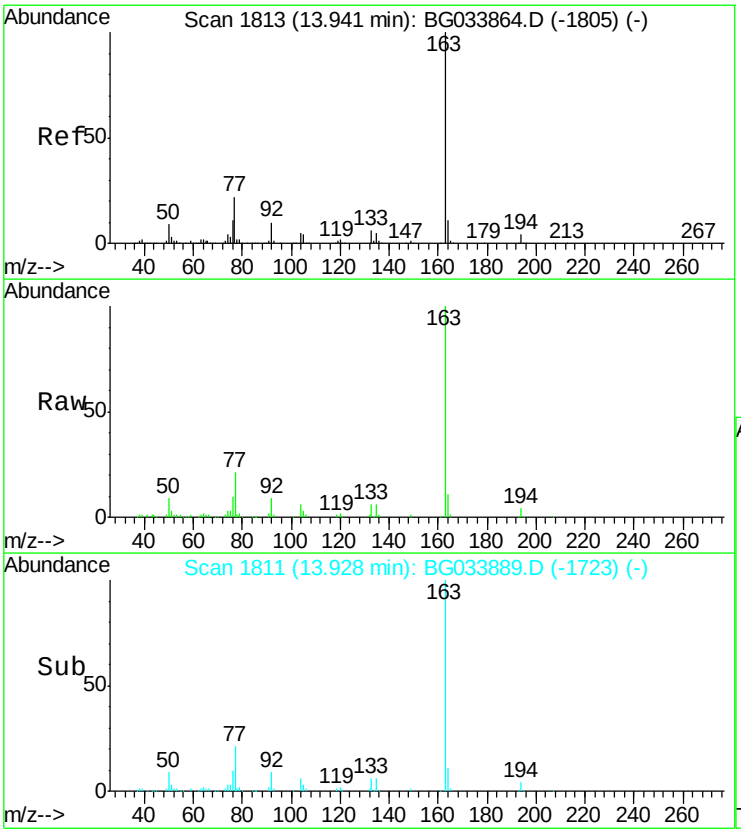
#44
2-Fluorobiphenyl
Concen: 89.338 ng
RT: 13.09 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:172 Resp: 1163089

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.2	19.5	29.3

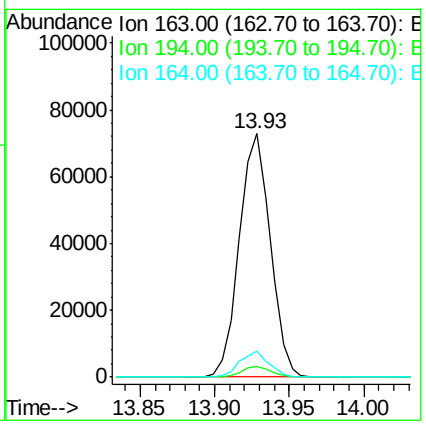


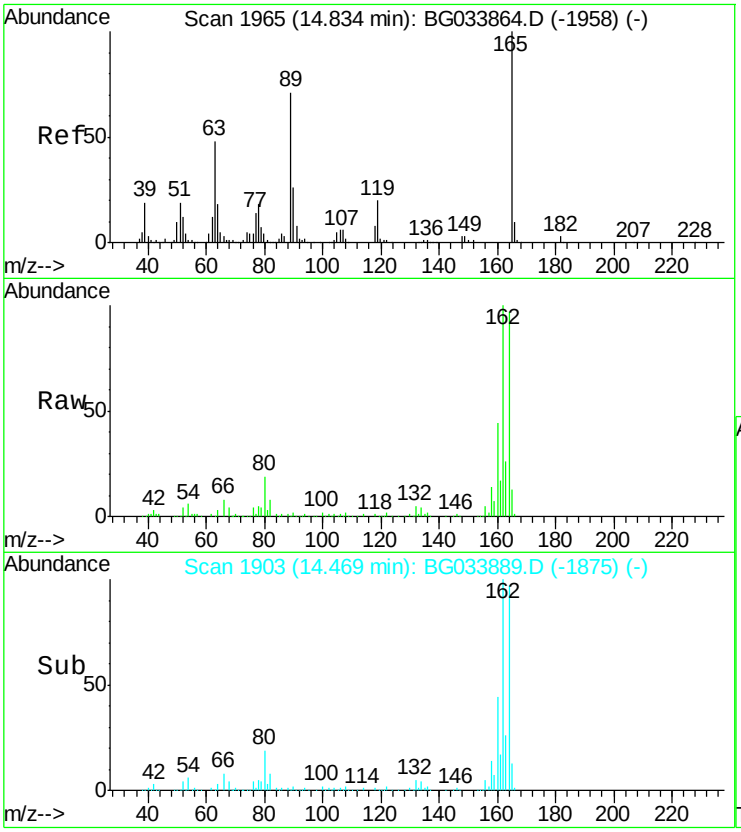


#49
Dimethylphthalate
Concen: 6.218 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:163 Resp: 104604

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.5	8.2	12.4



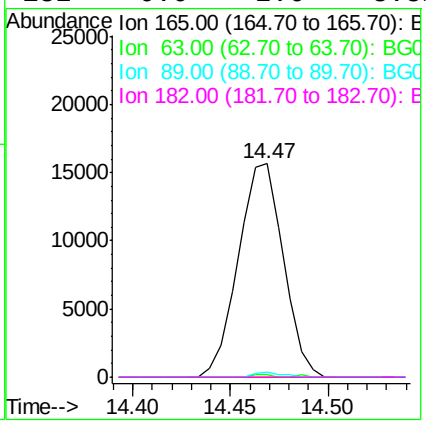


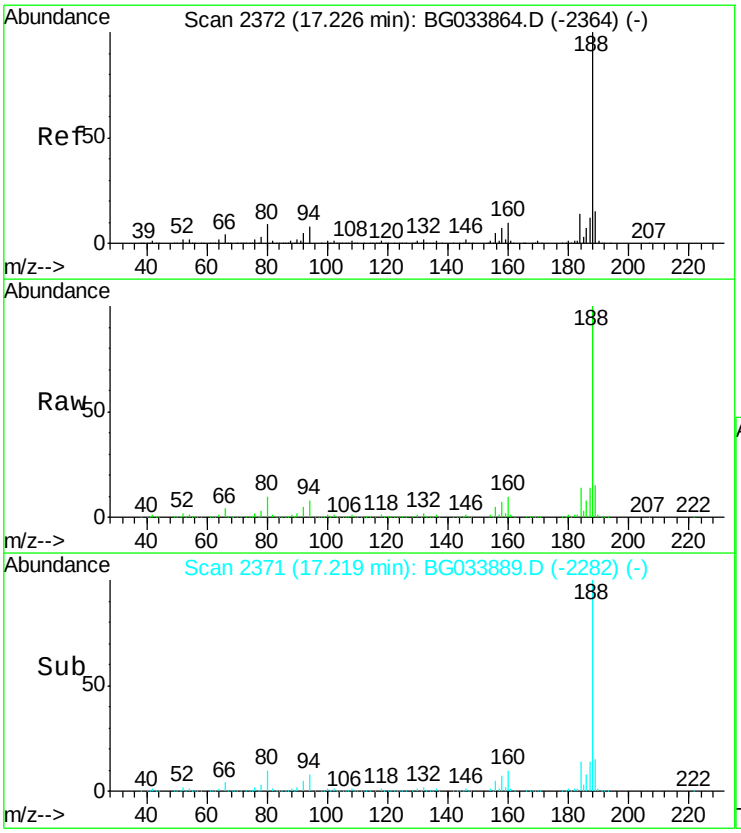
#56
2,4-Dinitrotoluene
Concen: 5.892 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.37 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:165 Resp: 24978

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

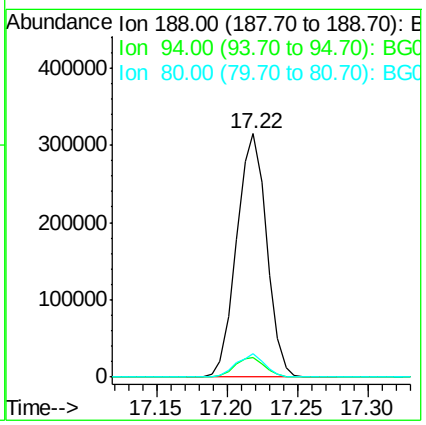


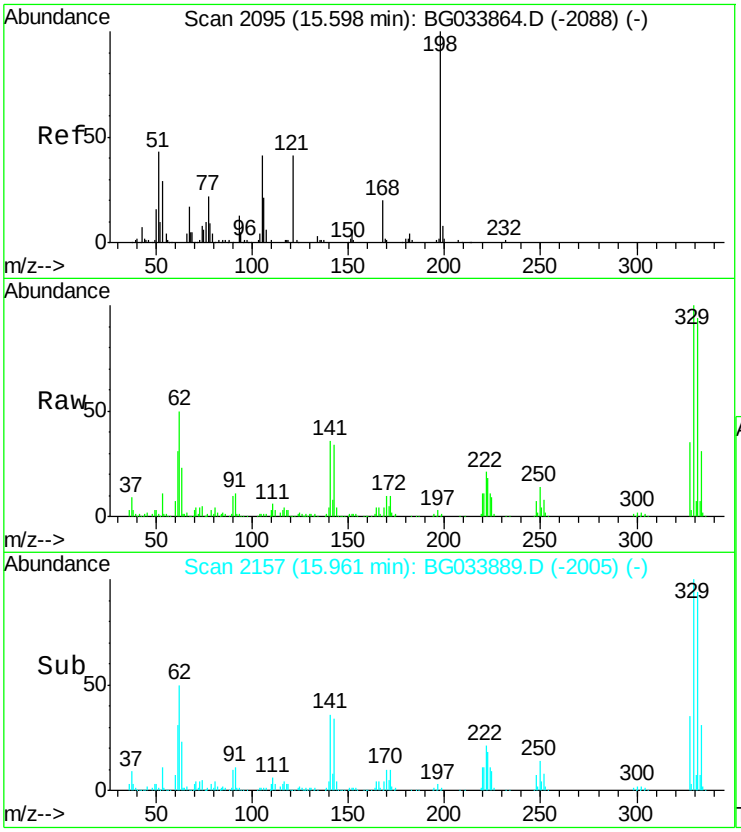


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:188 Resp: 467433

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.5	7.7	11.5



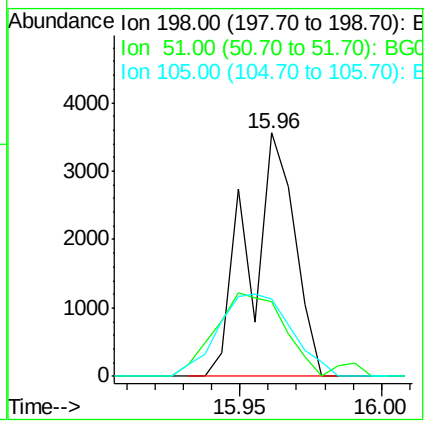


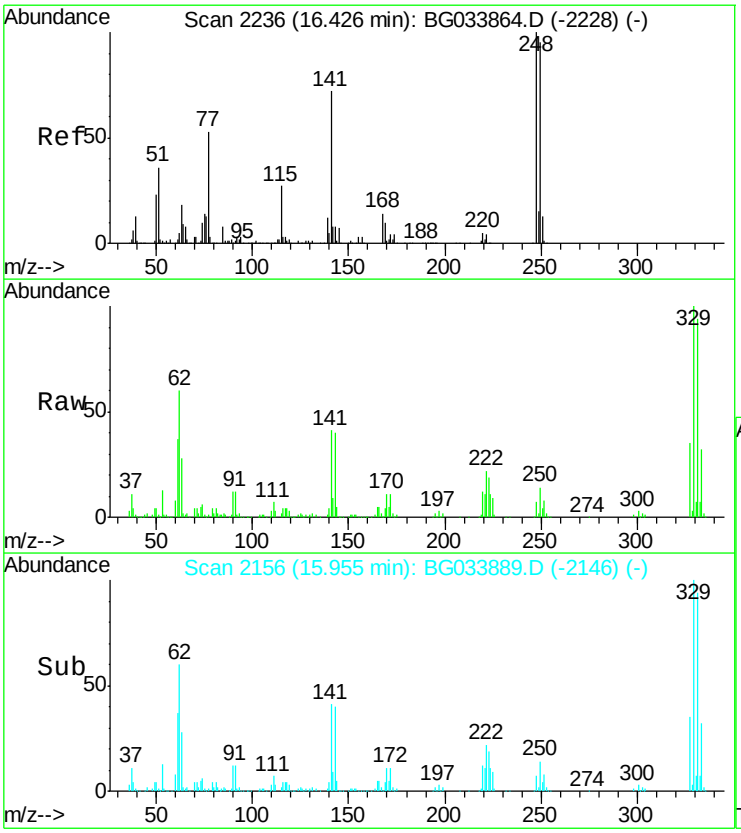
#64
4,6-Dinitro-2-methylphenol
Concen: 8.012 ng
RT: 15.96 min Scan# 2157
Delta R.T. 0.36 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:198 Resp: 3963

Ion	Ratio	Lower	Upper
198	100		
51	30.5	30.6	70.6#
105	31.6	23.8	63.8

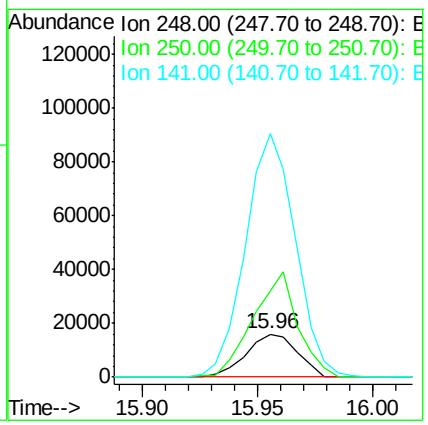


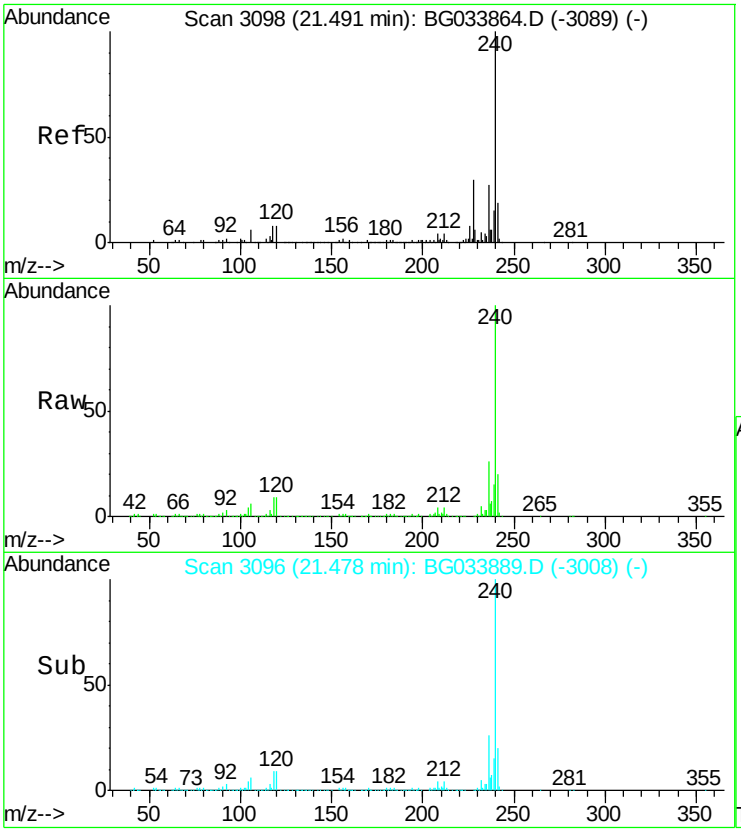


#66
4-Bromophenyl-phenylether
Concen: 4.742 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:248 Resp: 24342

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.1	115.7#
141	430.0	50.8	76.2#



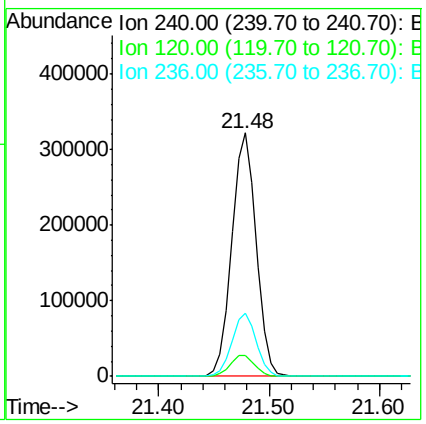


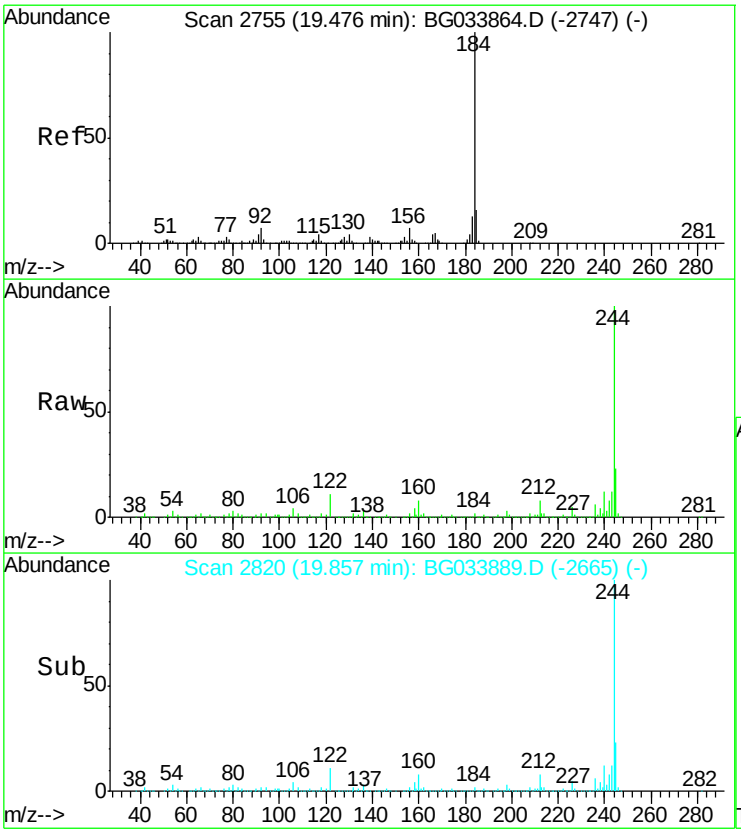
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:240 Resp: 498803

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	25.7	20.9	31.3

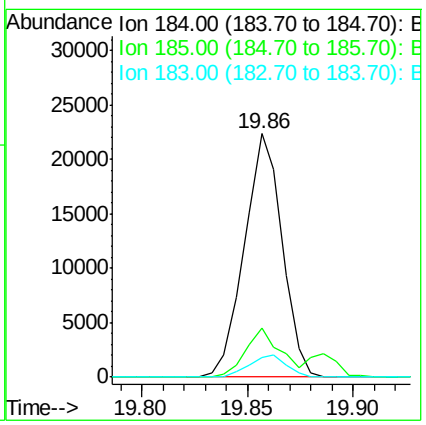


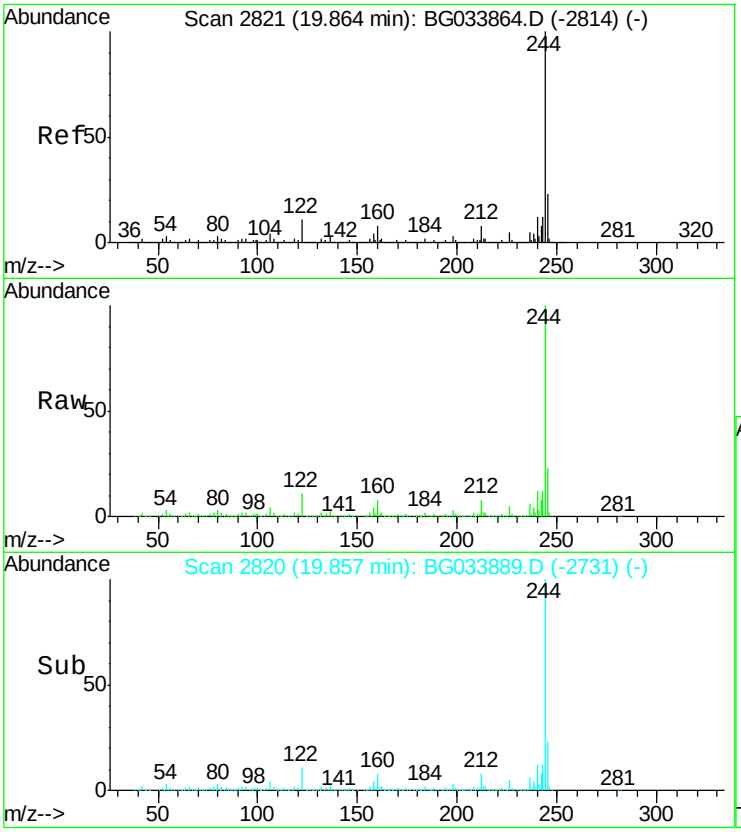


#76
Benzidine
Concen: 2.060 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:184 Resp: 27748

Ion	Ratio	Lower	Upper
184	100		
185	20.1	11.1	16.7#
183	8.0	10.6	16.0#



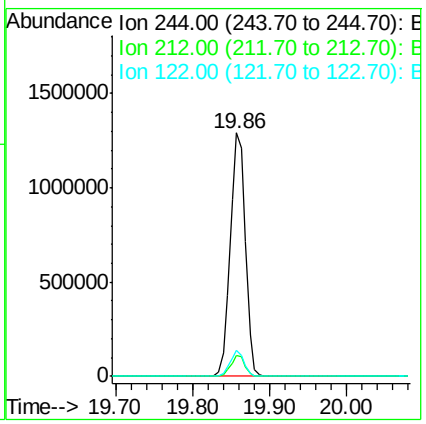


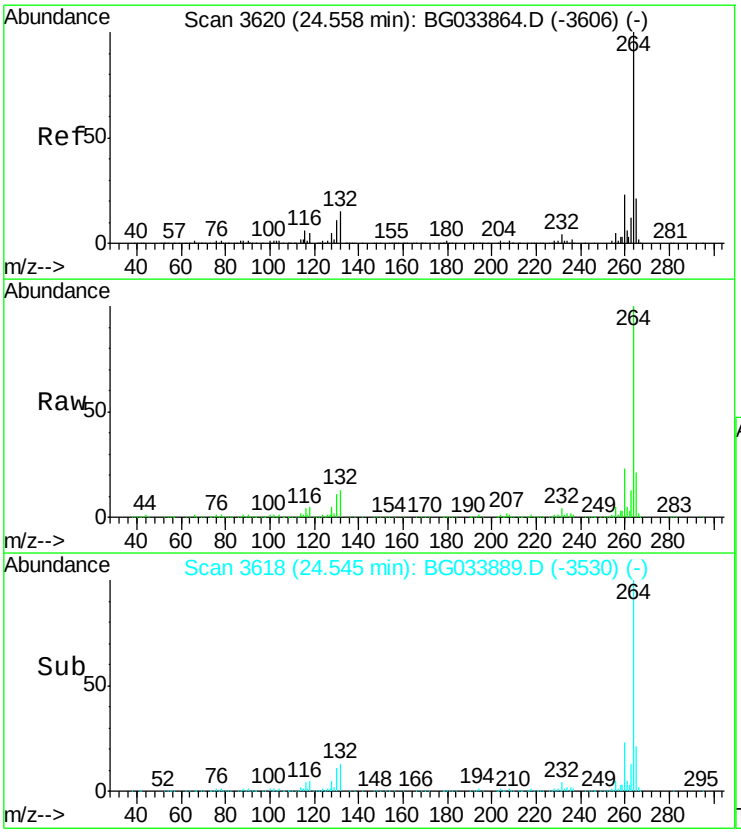
#78
Terphenyl-d14
Concen: 79.641 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(10-12)

Tgt Ion:244 Resp: 1768230

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.55 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG033889.D
Acq: 20 Apr 2018 16:58

Tgt Ion:264 Resp: 506200

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.1	17.7	26.5