Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033890.D
Acq On : 20 Apr 2018 17:36
Operator : SJ/JU
Sample : J2480-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-118-1(15-17)

Quant Time: Apr 21 05:15:20 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	7.83	152	73924	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	309023	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	192598	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	477496	20.00	ng		0.00
75) Chrysene-d12	21.48	240	507077	20.00	ng		-0.02
86) Perylene-d12	24.54	264	510616	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	599405	129.45	ng		0.00
7) Phenol-d6	7.00	99	796952	118.01	ng		0.00
23) Nitrobenzene-d5	8.98	82	470104	86.57	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	311677	138.71	ng		0.00
44) 2-Fluorobiphenyl	13.09	172	1061308	80.95	ng		0.00
78) Terphenyl-d14	19.85	244	1634719	72.43	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.01	77	1577	Below Cal		#	5
10) Phenol	7.03	94	15541	2.246	ng		96
19) n-Nitroso-di-n-propylamine	8.98	70	66240	11.506	ng	#	84
32) Benzoic acid	9.78	122	56	5.095	ng	#	1
49) Dimethylphthalate	13.93	163	93400	5.513	ng	#	97
56) 2,4-Dinitrotoluene	14.47	165	25029	5.862	ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.93	198	101	6.527	ng	#	36

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

Quantitation Report (Not Reviewed)

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EPE-118-1(15-17)

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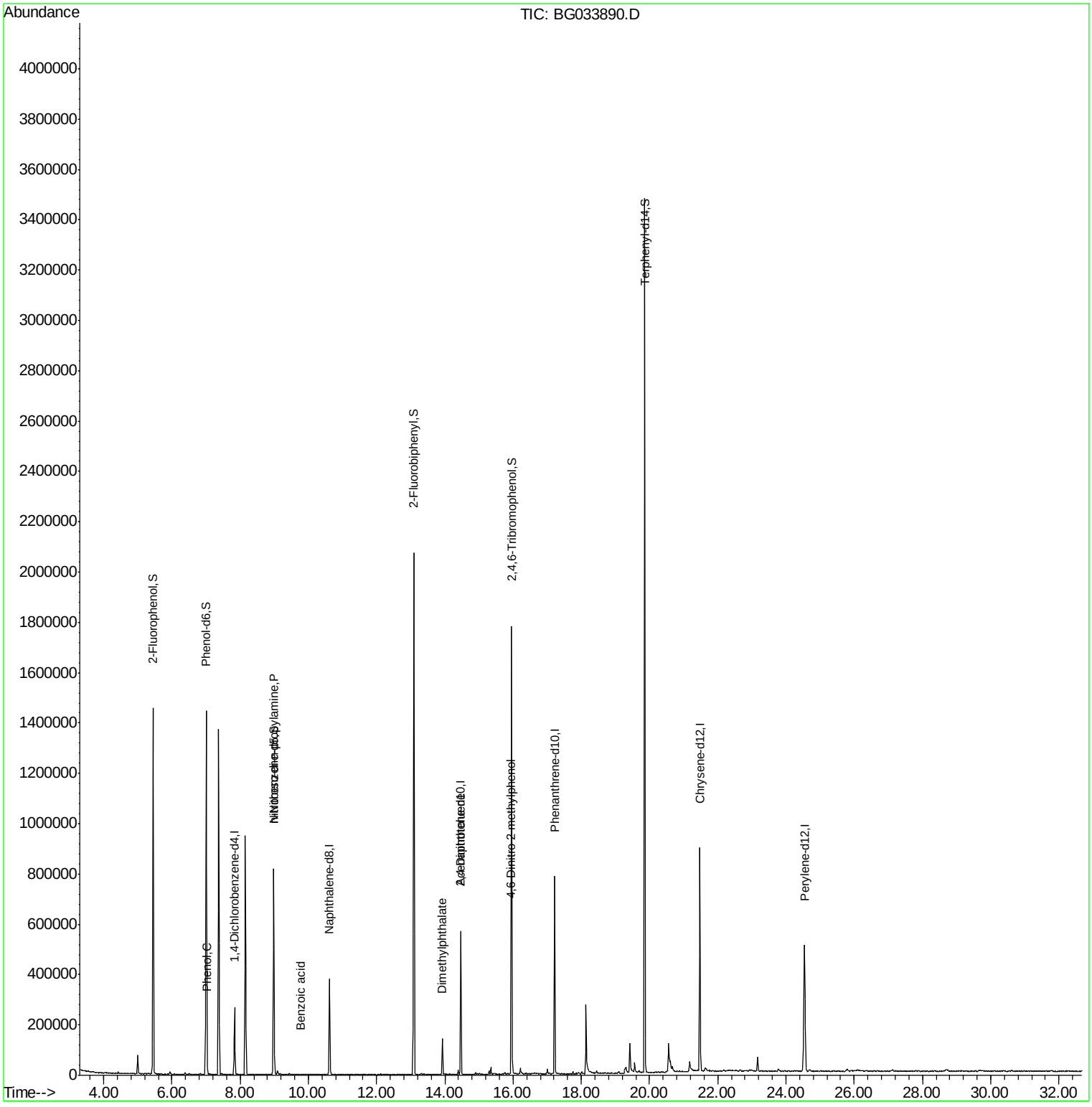
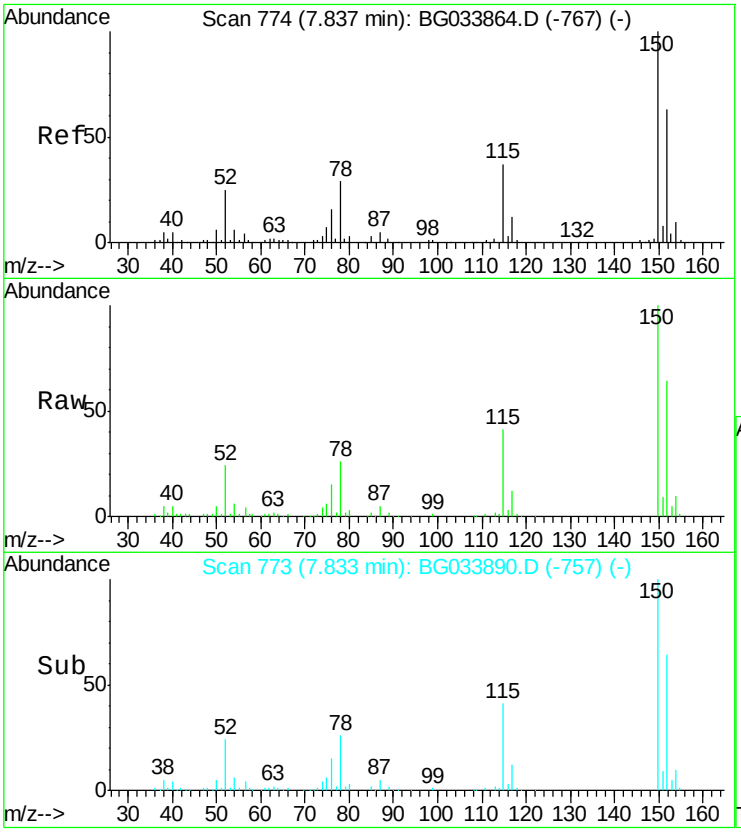


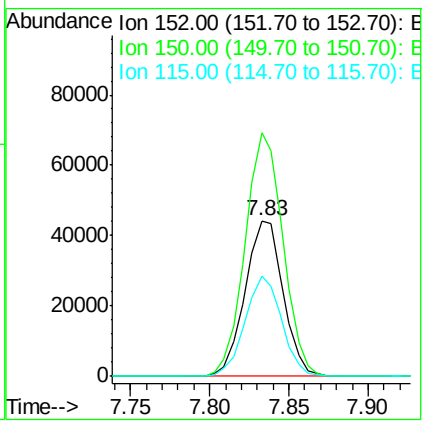


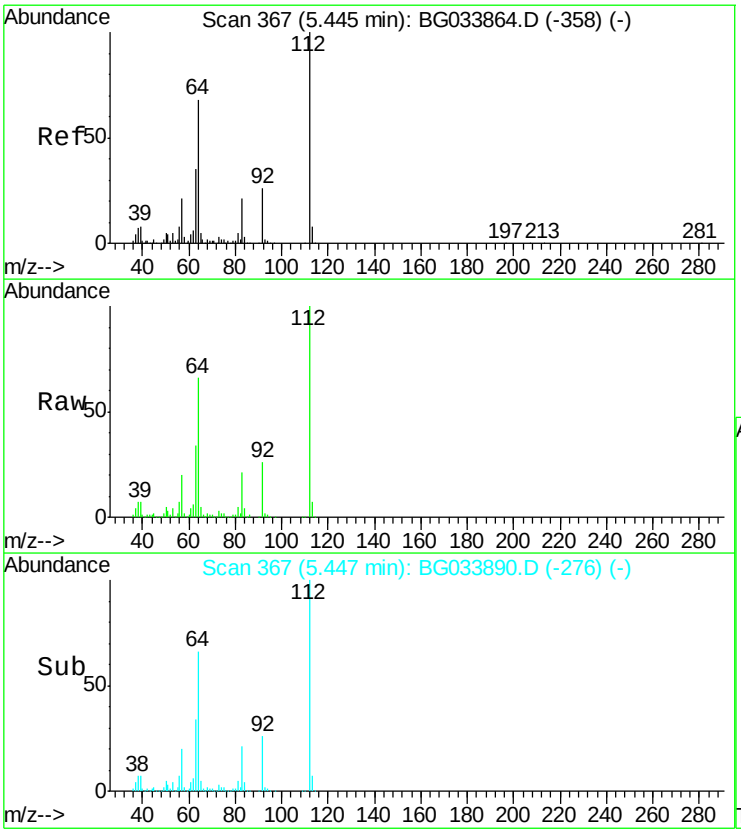
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:152 Resp: 73924

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	64.0	53.0	79.4

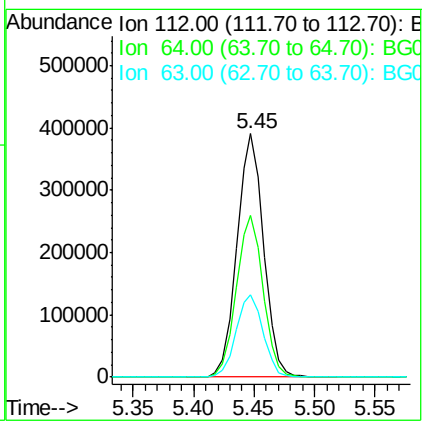


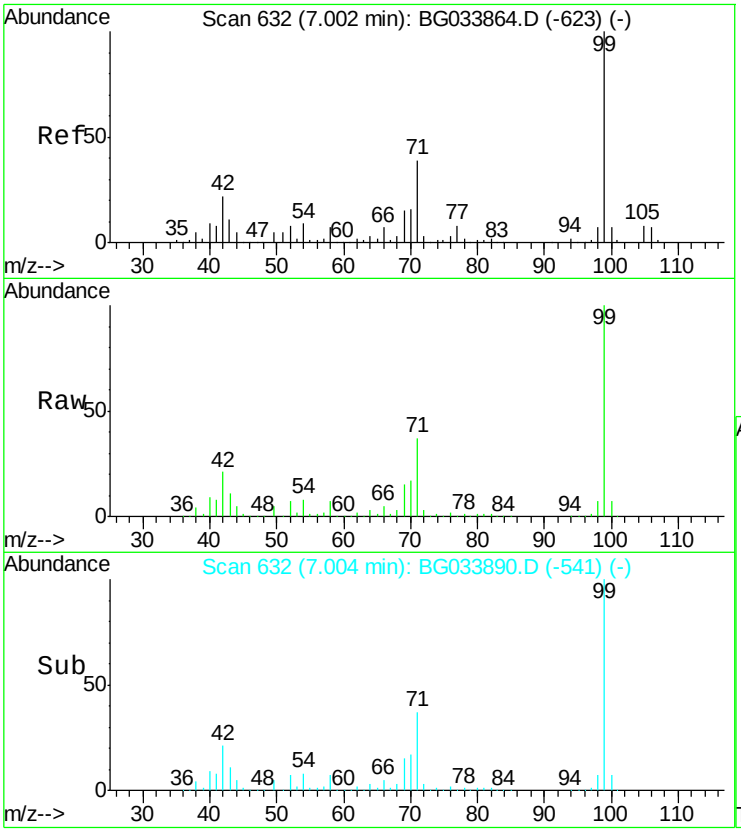


#5
2-Fluorophenol
Concen: 129.453 ng
RT: 5.45 min Scan# 367
Delta R.T. 0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:112 Resp: 599405

Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	33.7	30.1	45.1



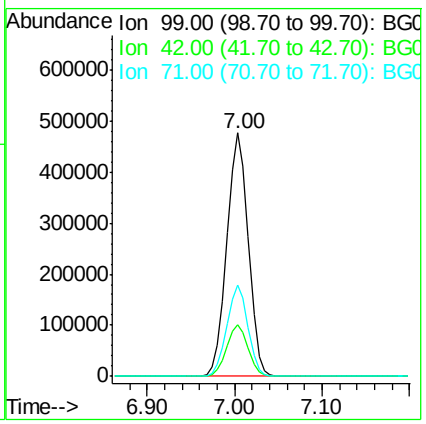


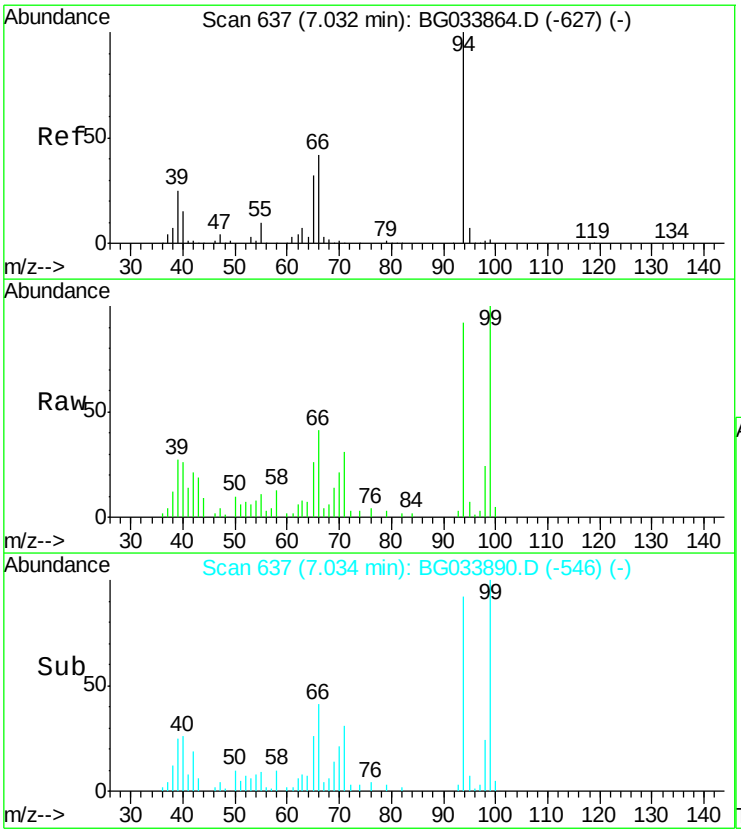
#7
Phenol-d6
Concen: 118.005 ng
RT: 7.00 min Scan# 632
Delta R.T. 0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion: 99 Resp: 796952

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.1	21.1#
71	37.4	26.1	39.1

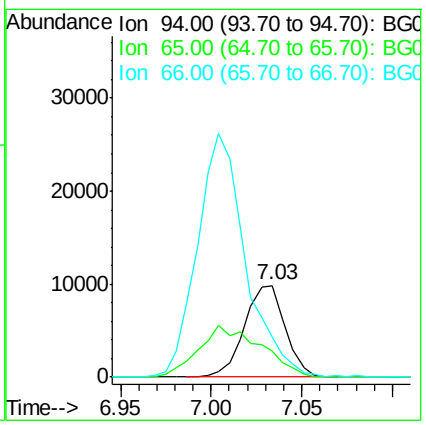


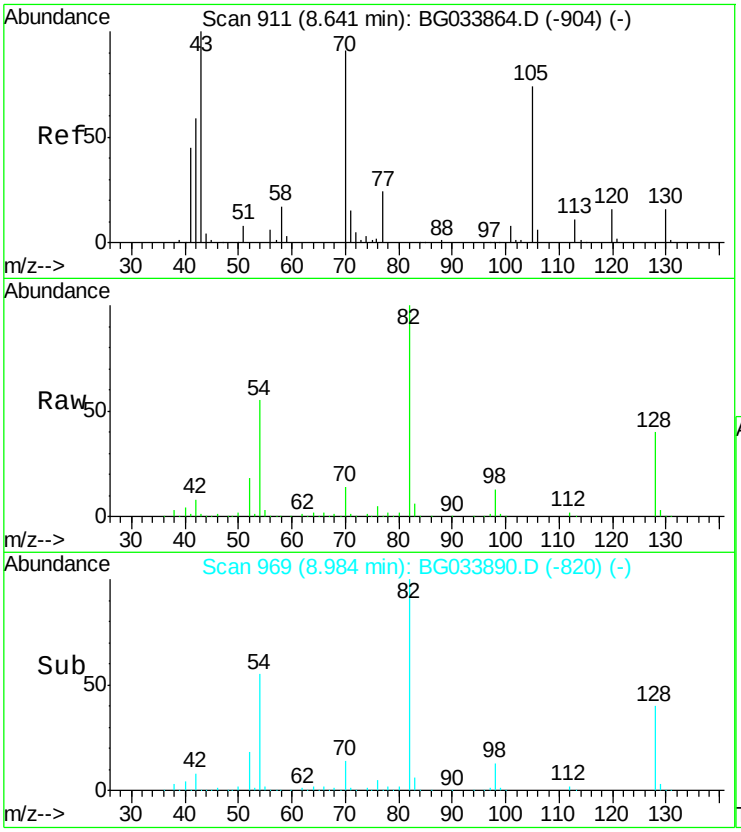


#10
Phenol
Concen: 2.246 ng
RT: 7.03 min Scan# 637
Delta R.T. 0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion: 94 Resp: 15541

Ion	Ratio	Lower	Upper
94	100		
65	28.9	11.9	51.9
66	44.2	22.2	62.2



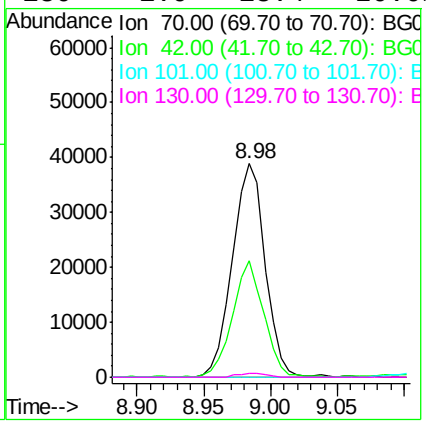


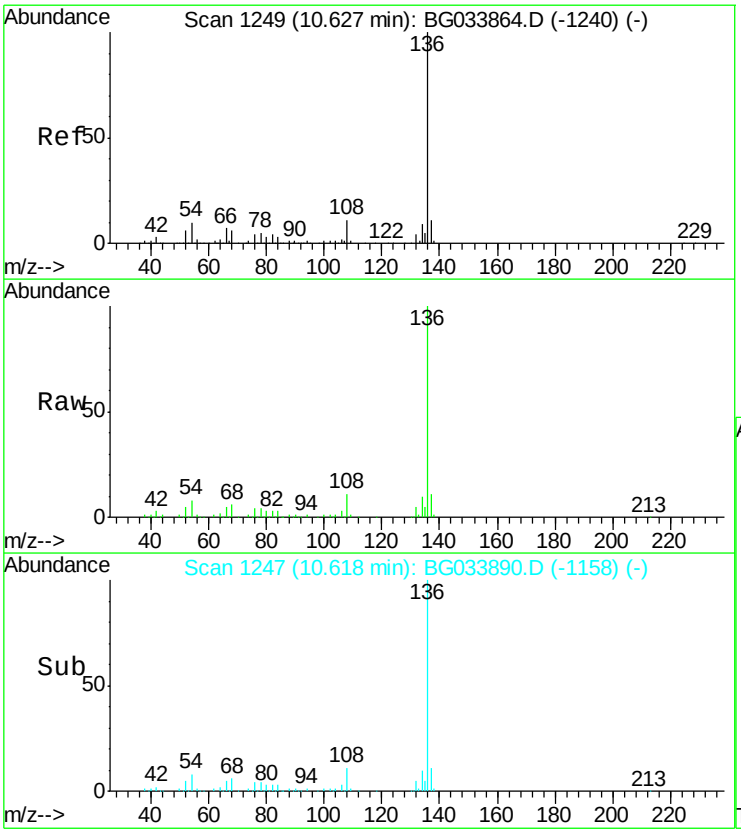
#19
n-Nitroso-di-n-propylamine
Concen: 11.506 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion: 70 Resp: 66240

Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

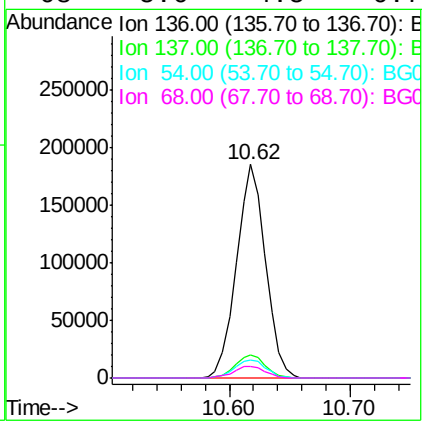


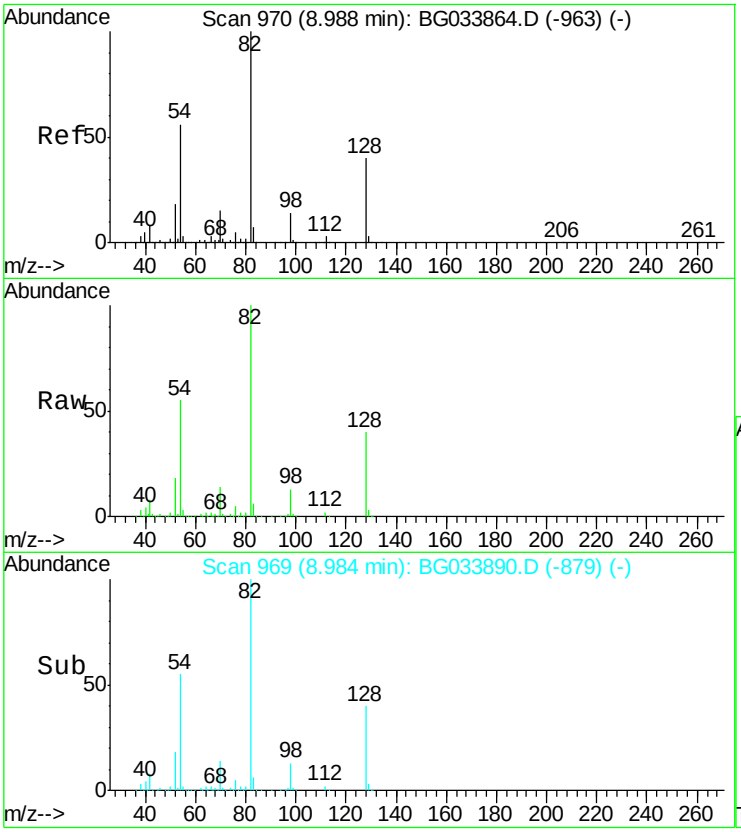


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:136 Resp: 309023

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.4	10.3	15.5#
68	5.6	4.5	6.7



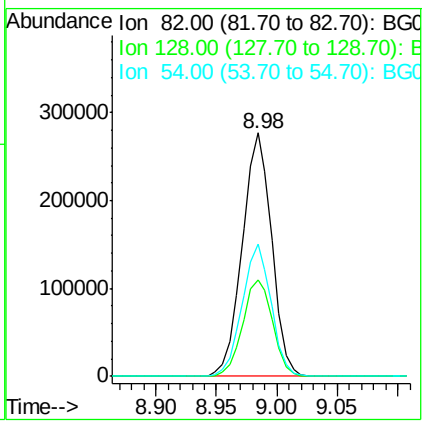


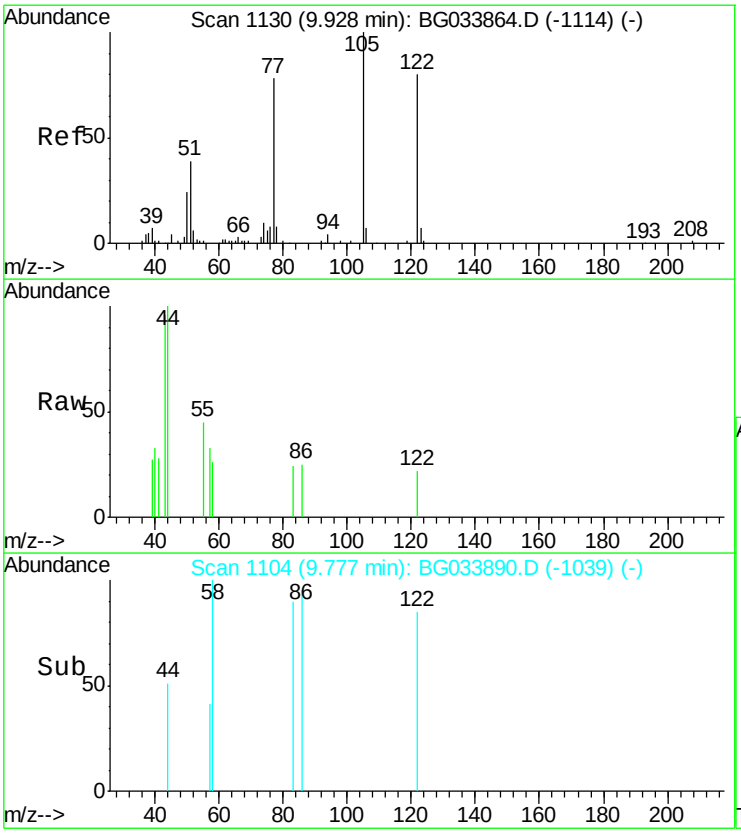
#23
Nitrobenzene-d5
Concen: 86.574 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion: 82 Resp: 470104

Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	54.5	43.1	64.7

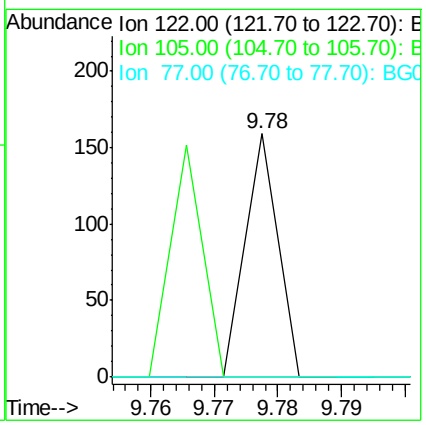


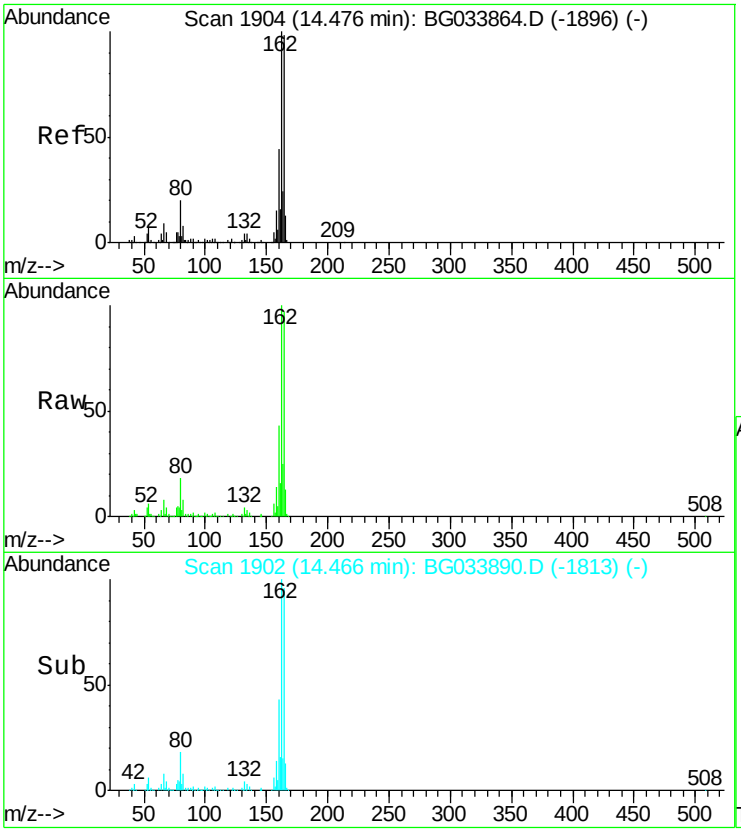


#32
Benzoic acid
Concen: 5.095 ng
RT: 9.78 min Scan# 1104
Delta R.T. -0.15 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:122 Resp: 56

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



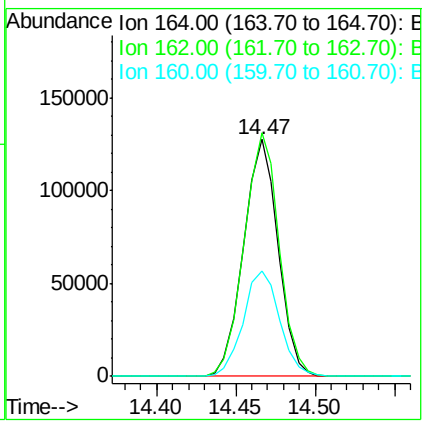


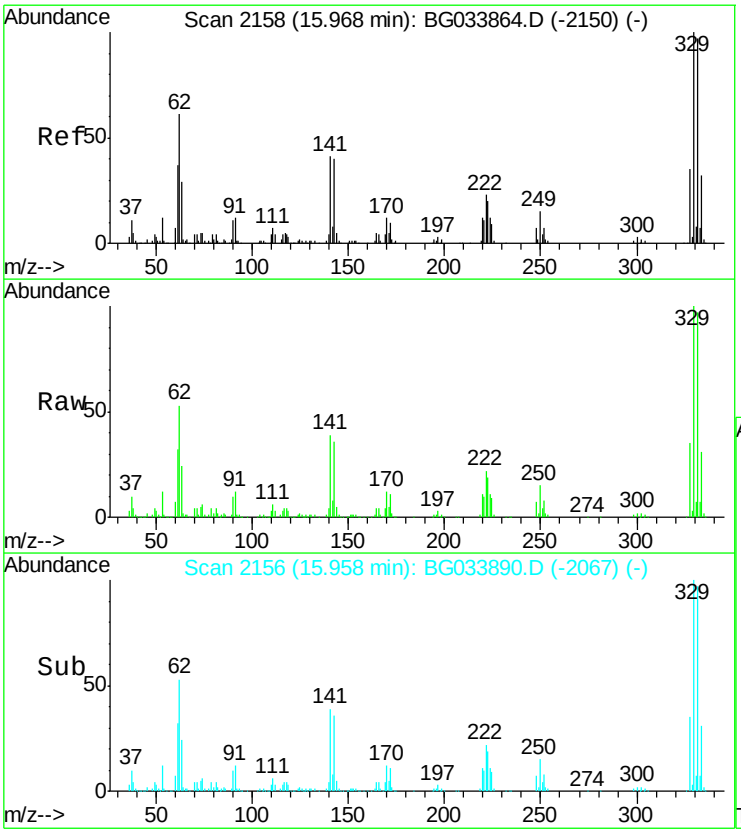
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:164 Resp: 192598

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.7	35.4	53.0

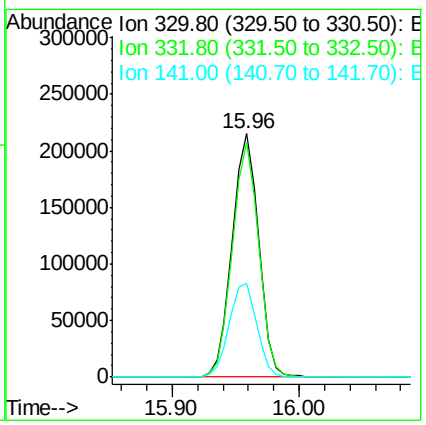


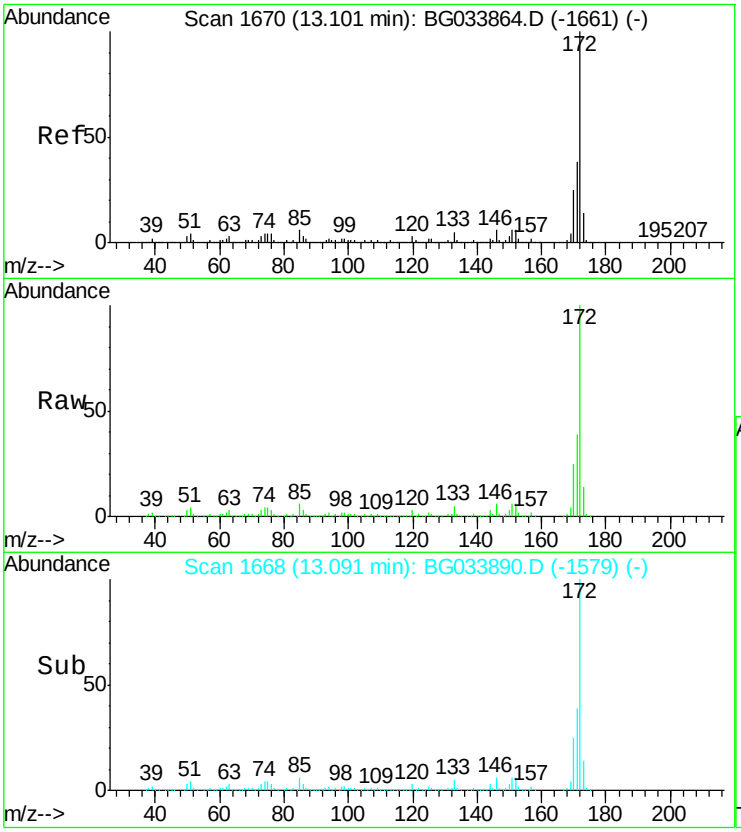


#41
2,4,6-Tribromophenol
Concen: 138.710 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:330 Resp: 311677

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.0	25.2	37.8#



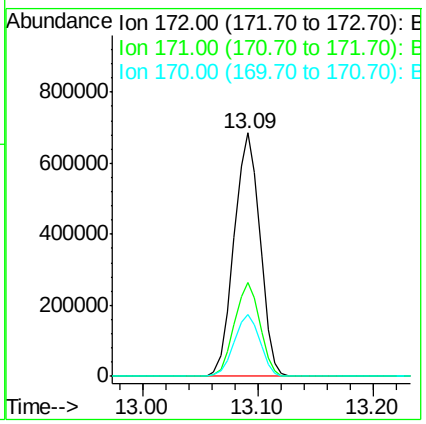


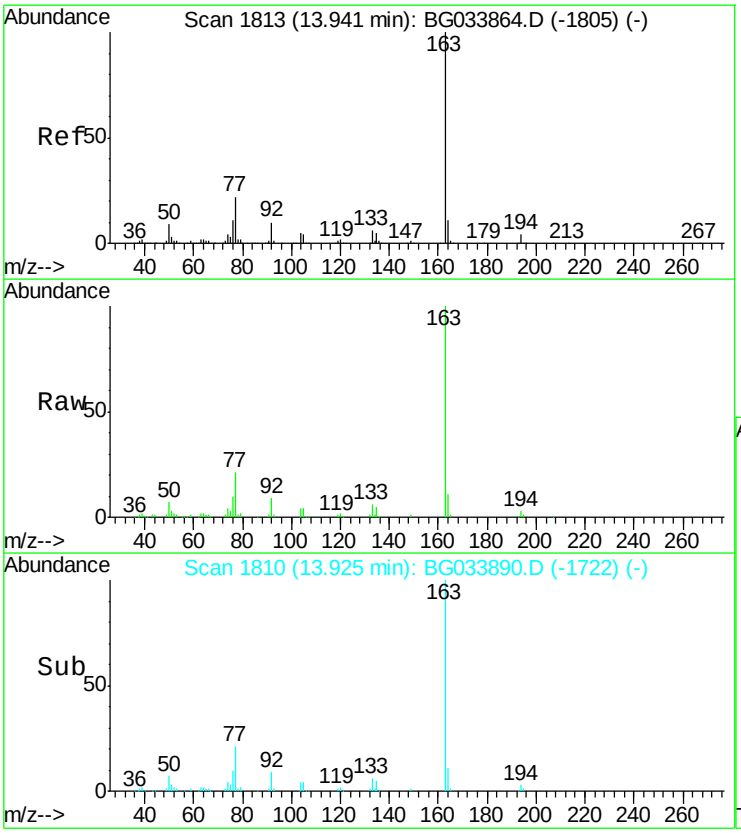
#44
2-Fluorobiphenyl
Concen: 80.950 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:172 Resp: 1061308

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.2	19.5	29.3

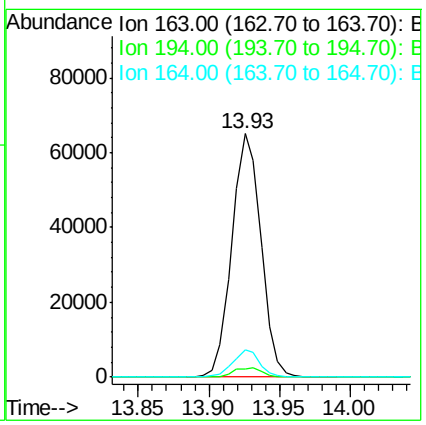


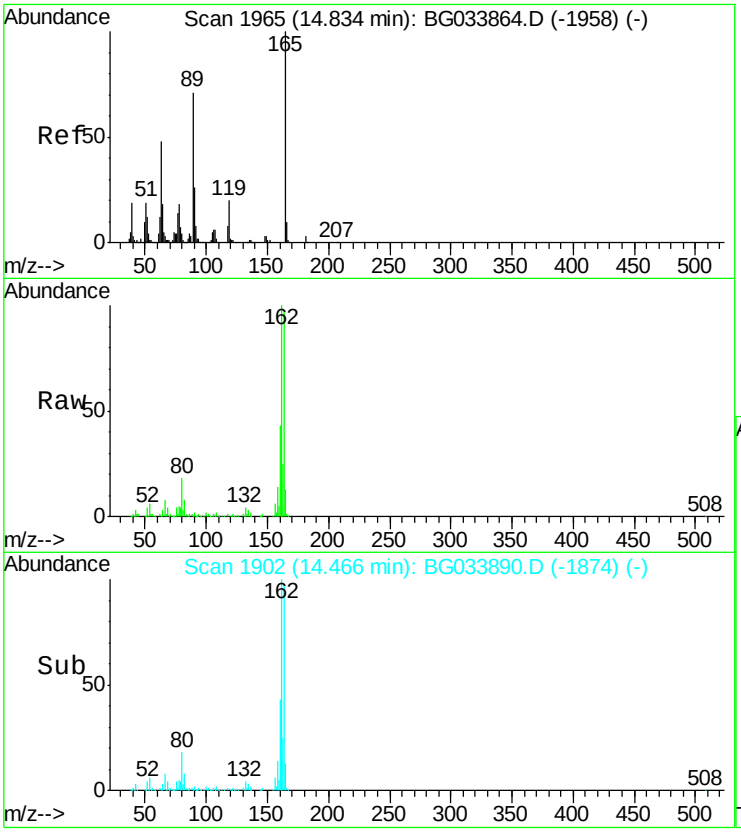


#49
Dimethylphthalate
Concen: 5.513 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:163 Resp: 93400

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	11.3	8.2	12.4



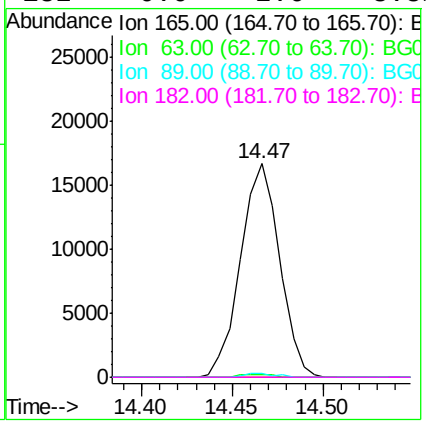


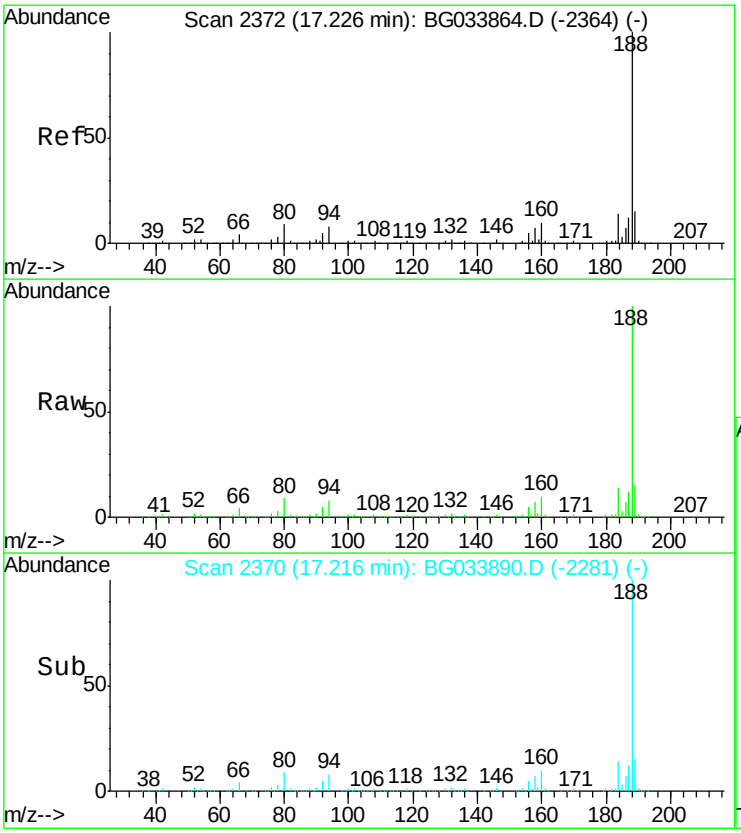
#56
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:165 Resp: 25029

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

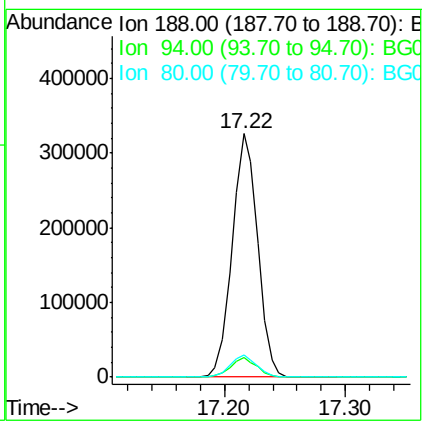


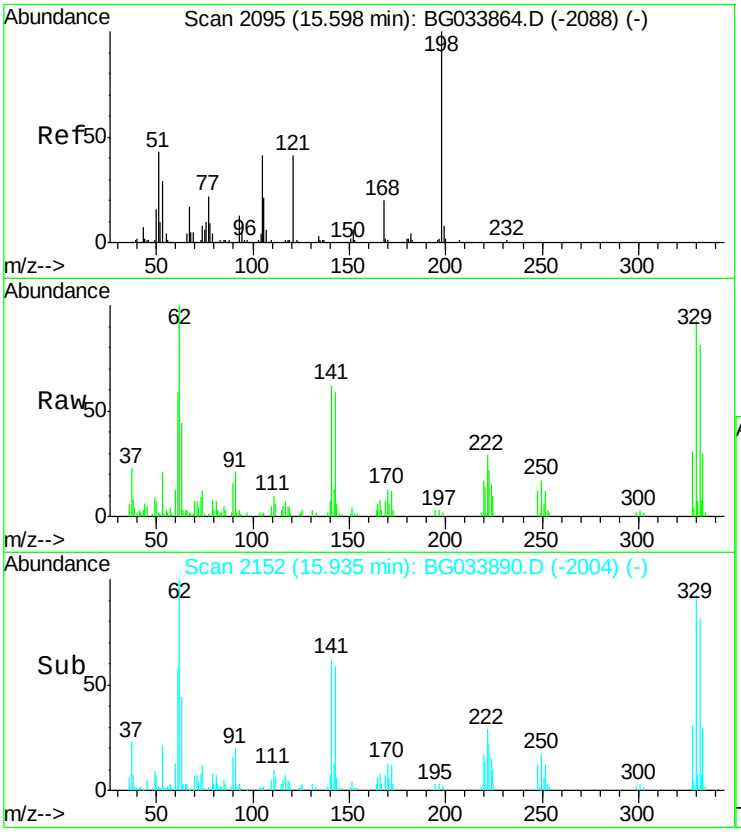


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:188 Resp: 477496

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.3	7.7	11.5



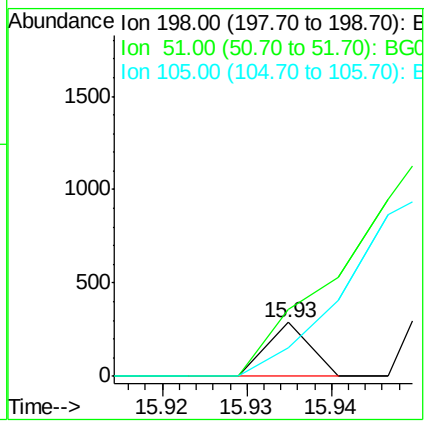


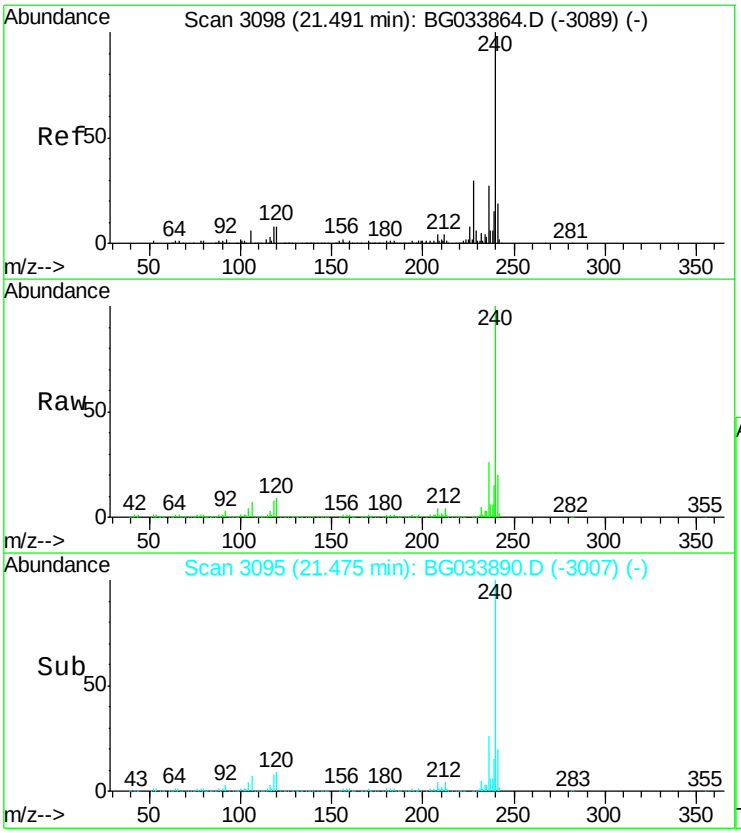
#64
4,6-Dinitro-2-methylphenol
Concen: 6.527 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.34 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:198 Resp: 101

Ion	Ratio	Lower	Upper
198	100		
51	124.0	30.6	70.6#
105	53.7	23.8	63.8

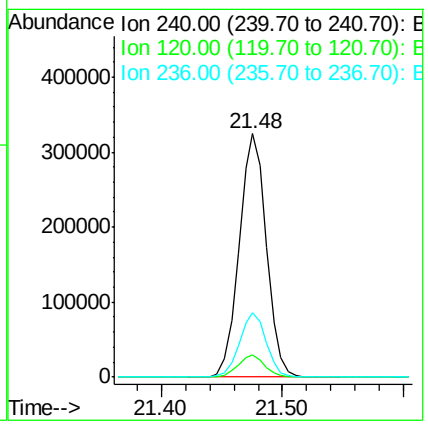


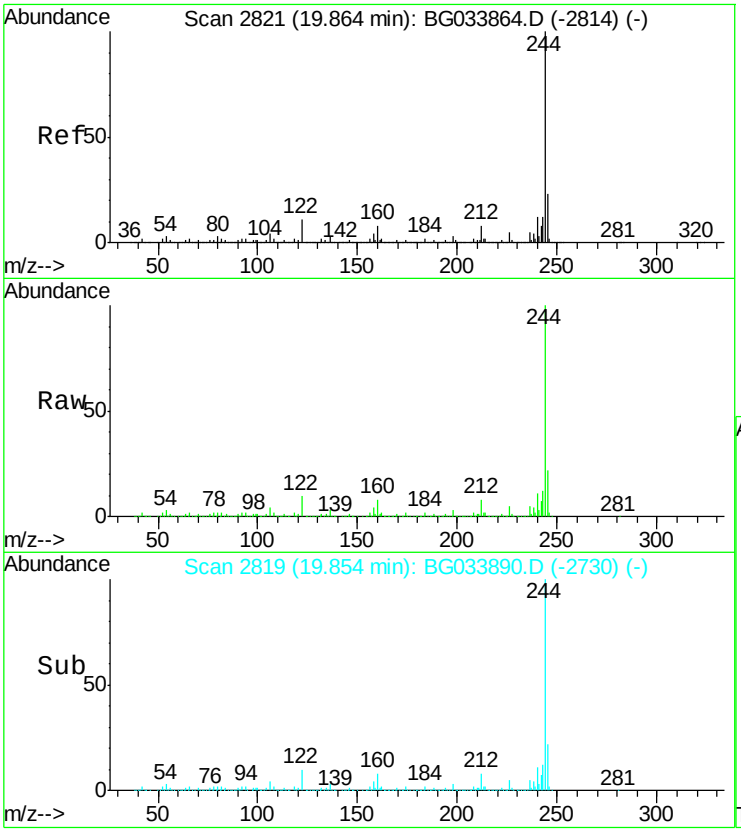


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:240 Resp: 507077

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	26.3	20.9	31.3



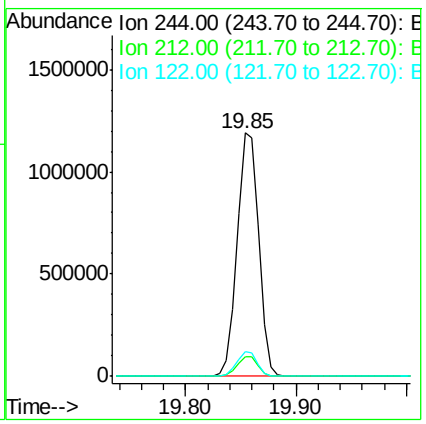


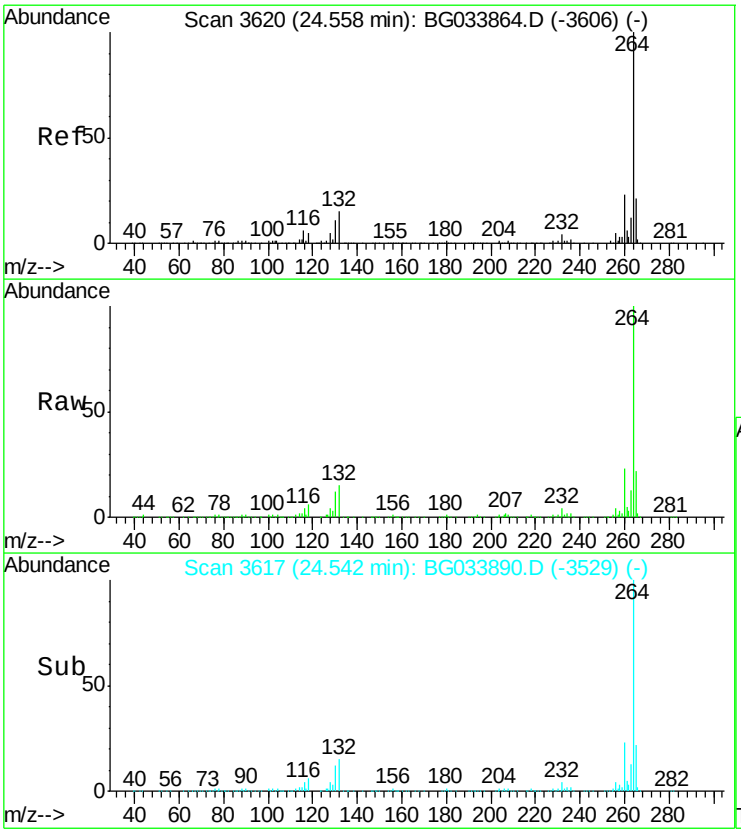
#78
Terphenyl-d14
Concen: 72.427 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Instrument :
BNA_G
ClientSampleId :
EPE-118-1(15-17)

Tgt Ion:244 Resp: 1634719

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033890.D
Acq: 20 Apr 2018 17:36

Tgt Ion:264 Resp: 510616

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5