Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033983.D
Acq On : 25 Apr 2018 10:39
Operator : SJ/JU
Sample : J2508-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 11:54:59 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	82975	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	332256	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	209897	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	532637	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	604512	20.00	ng	-0.02
86) Perylene-d12	24.52	264	609414	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	671526	129.21	ng	0.00
7) Phenol-d6	7.00	99	796536	105.08	ng	0.00
23) Nitrobenzene-d5	8.98	82	594873	101.89	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	387100	158.08	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1389482	97.25	ng	-0.02
78) Terphenyl-d14	19.85	244	2429244	90.28	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1500	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	79949	12.373	ng	# 78
32) Benzoic acid	9.91	122	528	5.185	ng	# 41
50) 2,6-Dinitrotoluene	14.46	165	27674	7.909	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	27674	5.948	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.93	198	445	6.639	ng	76
66) 4-Bromophenyl-phenylether	15.94	248	24055	4.112	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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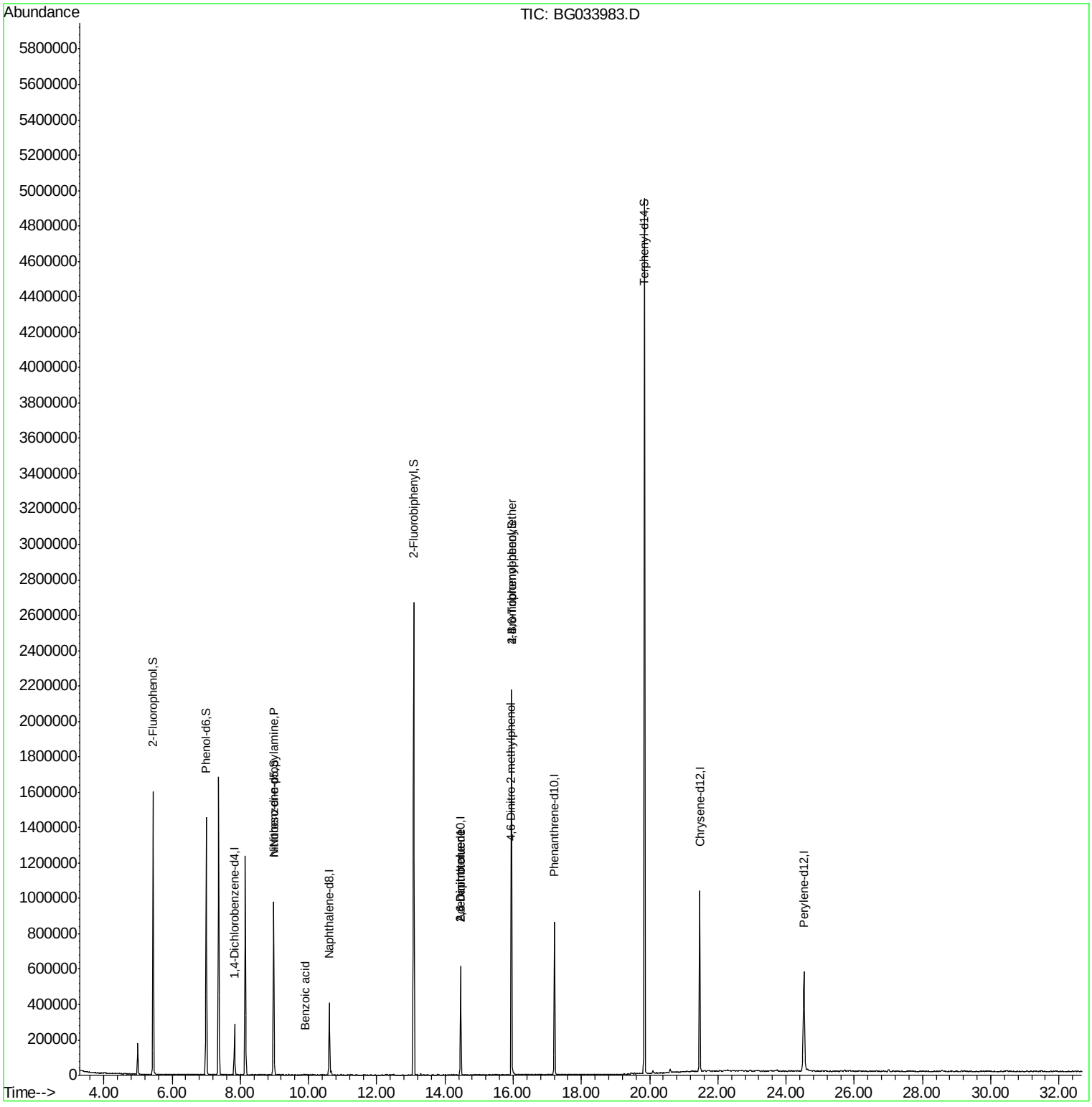
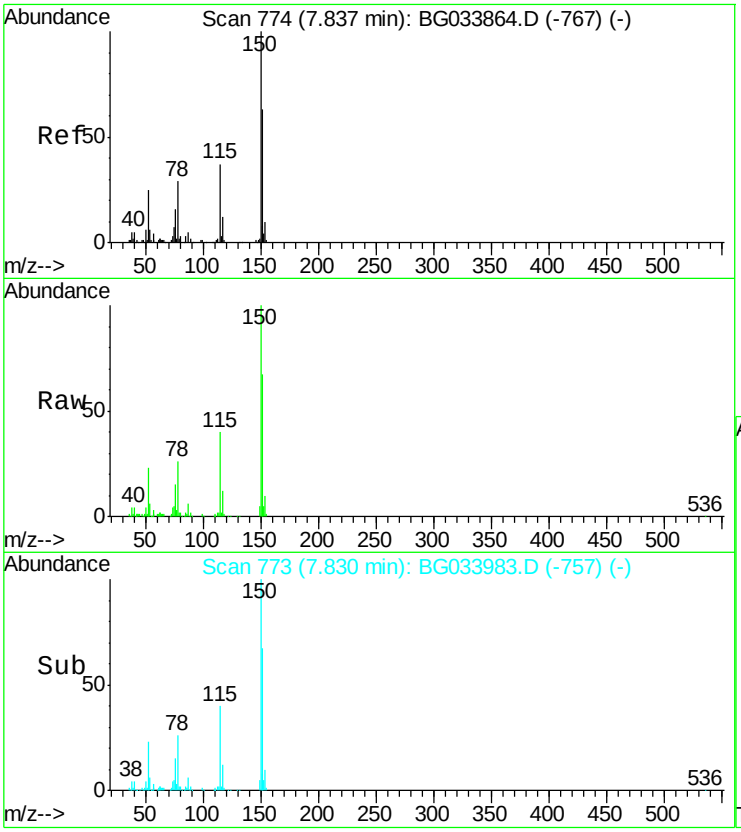
ClientSampleId :

Quant Time: Apr 25 11:54:59 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



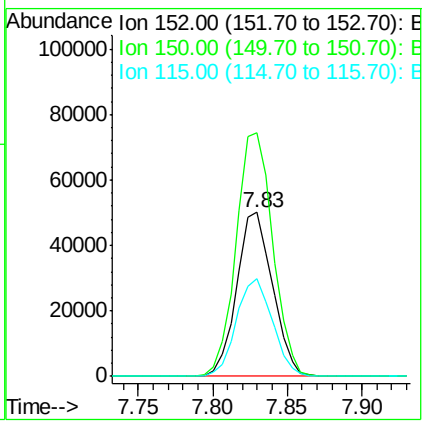


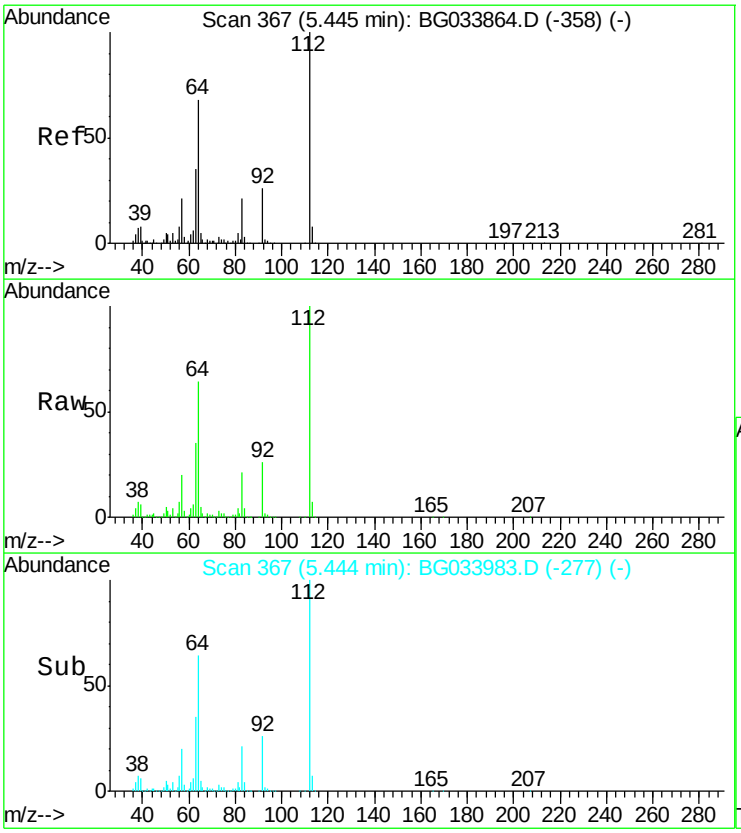
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 82975

Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	59.5	53.0	79.4

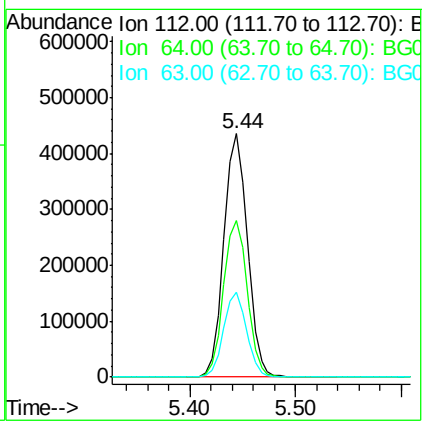


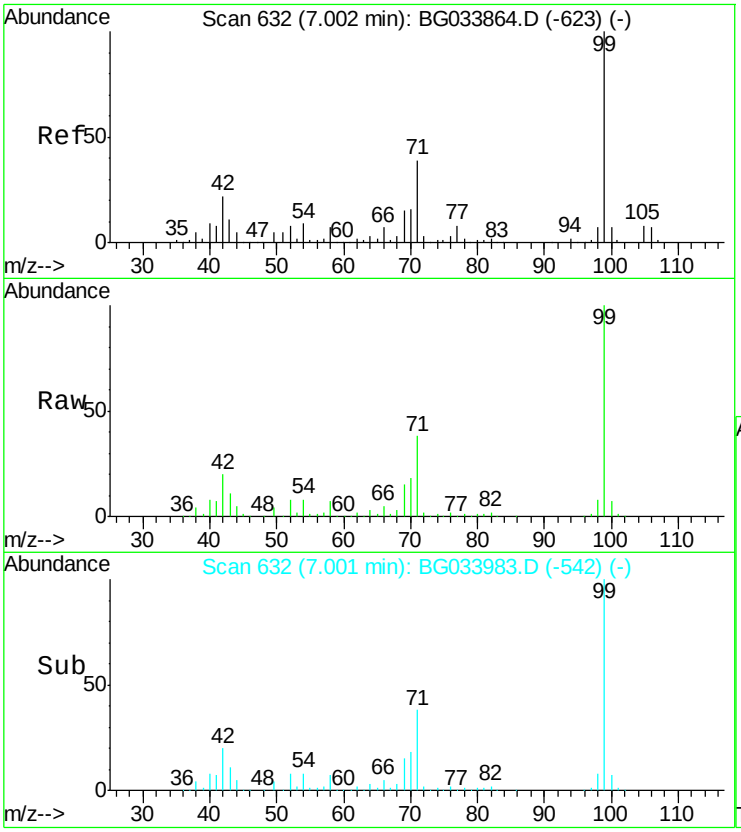


#5
2-Fluorophenol
Concen: 129.209 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:112 Resp: 671526

Ion	Ratio	Lower	Upper
112	100		
64	64.2	56.3	84.5
63	34.7	30.1	45.1



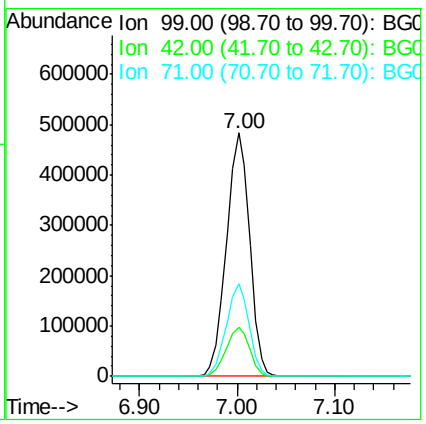


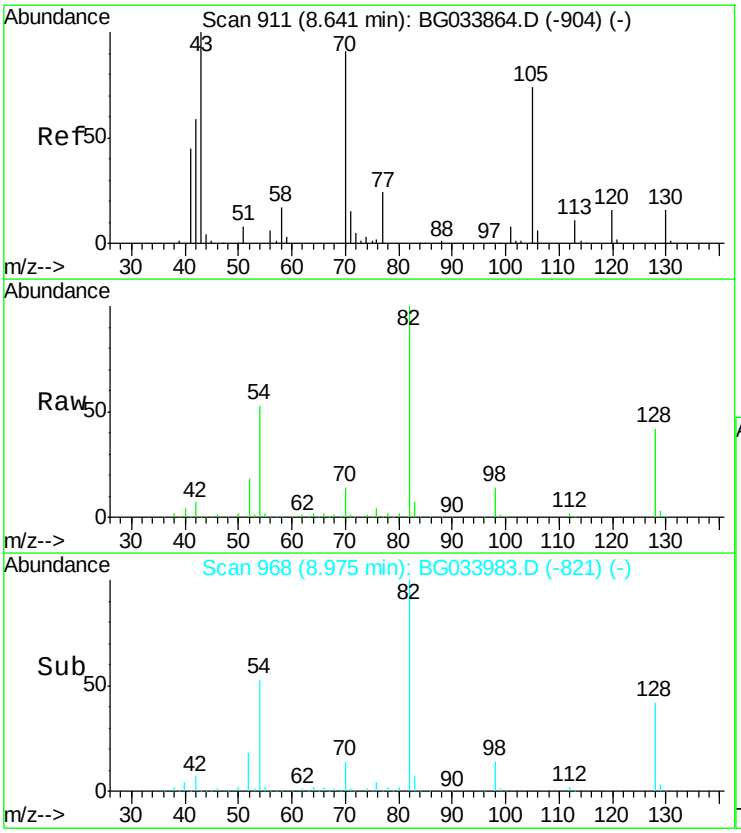
#7
Phenol-d6
Concen: 105.078 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 796536

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	37.9	26.1	39.1

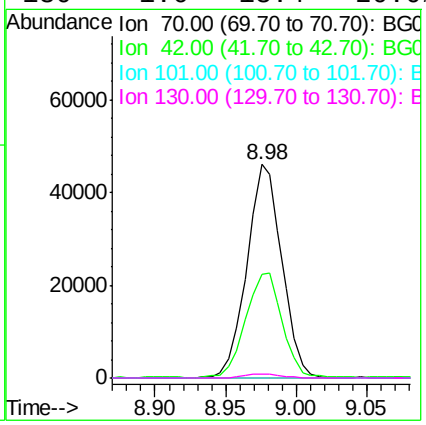


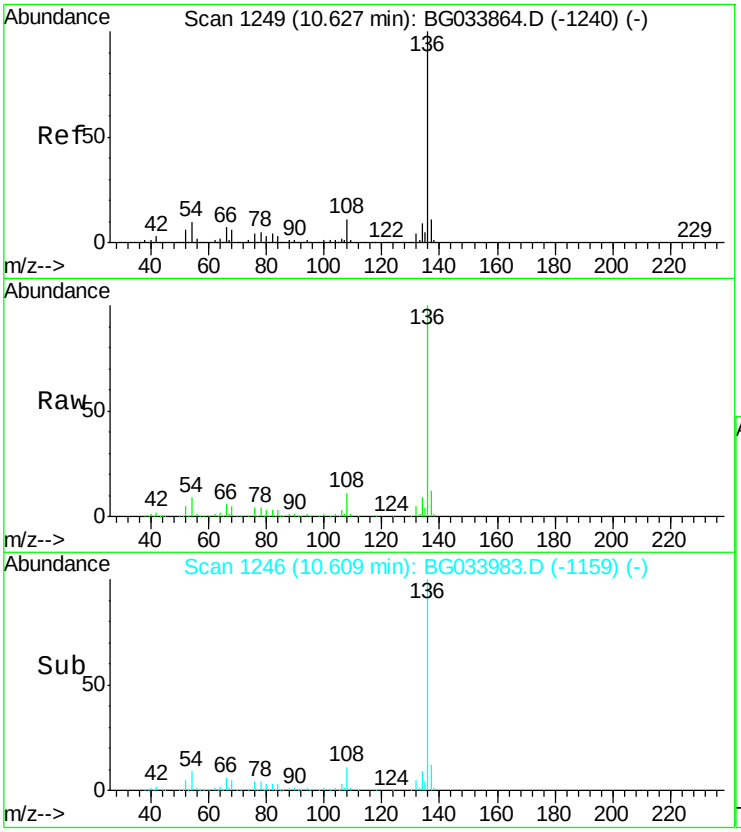


#19
n-Nitroso-di-n-propylamine
Concen: 12.373 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.33 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion: 70 Resp: 79949

Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



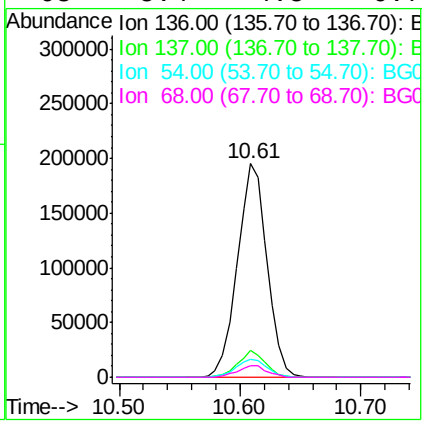


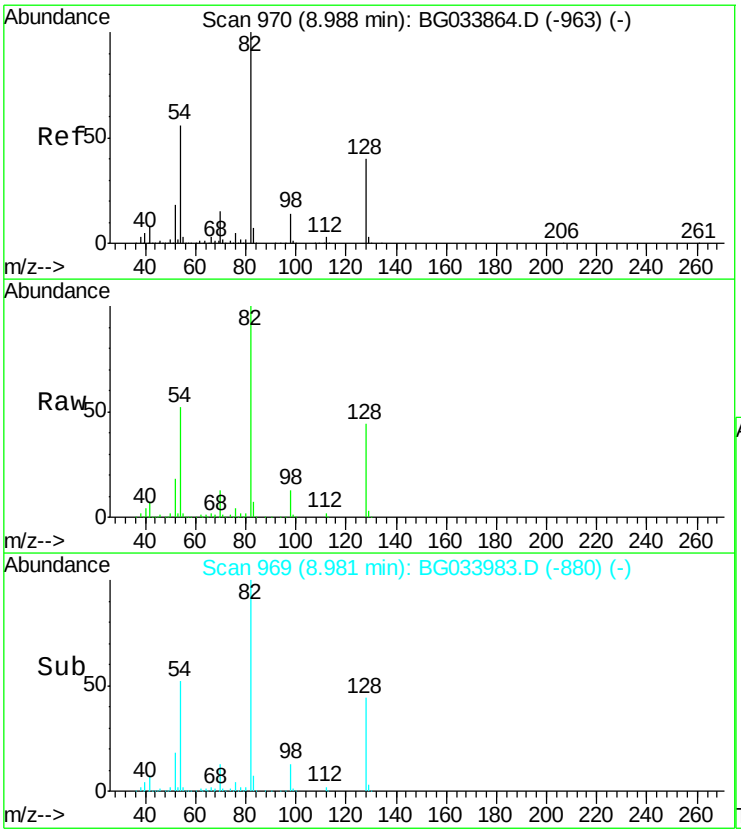
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 332256

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	8.5	10.3	15.5#
68	5.4	4.5	6.7

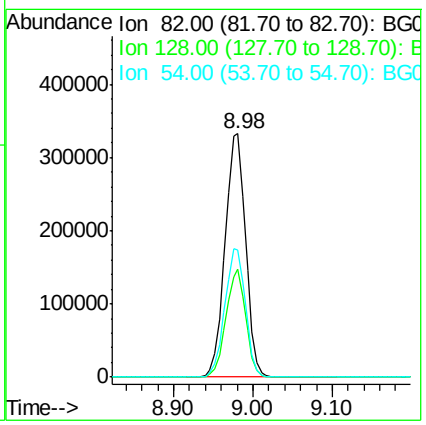


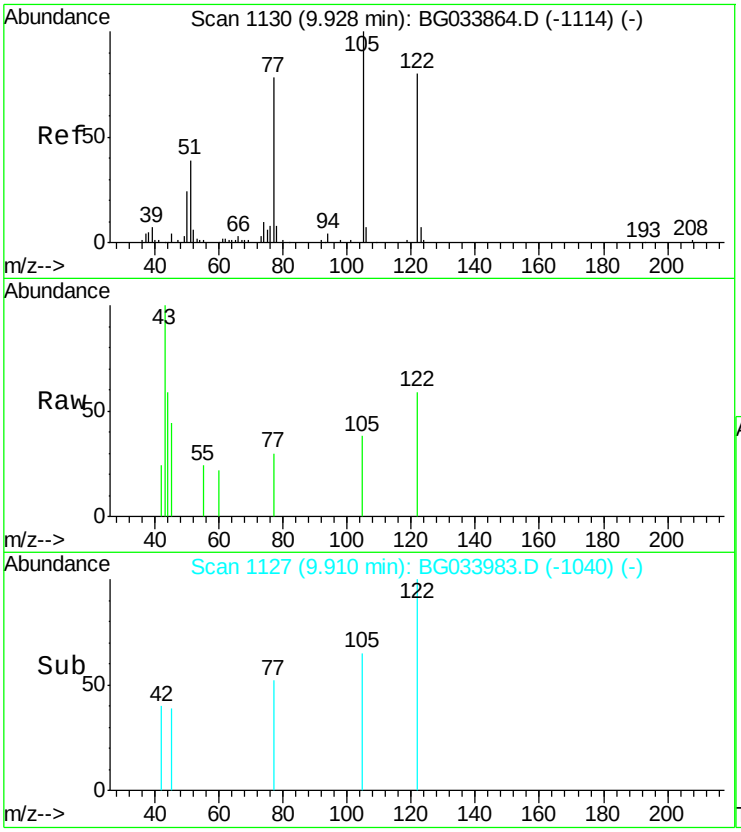


#23
Nitrobenzene-d5
Concen: 101.891 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion: 82 Resp: 594873

Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	52.0	43.1	64.7



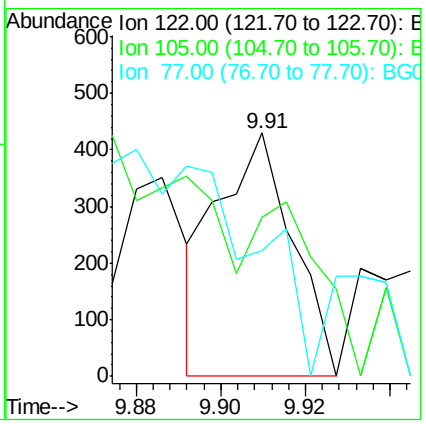


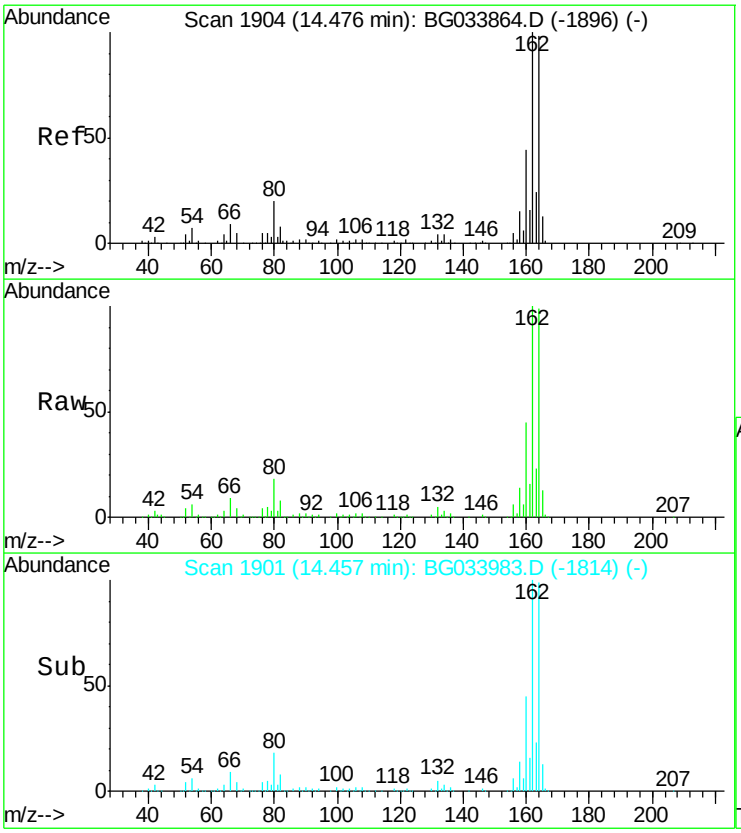
#32
Benzoic acid
Concen: 5.185 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 528

Ion	Ratio	Lower	Upper
122	100		
105	65.1	123.5	163.5#
77	51.6	85.7	125.7#

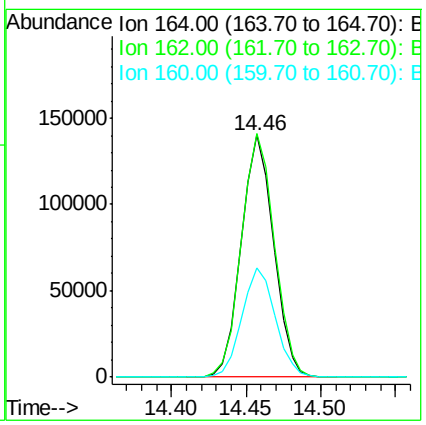


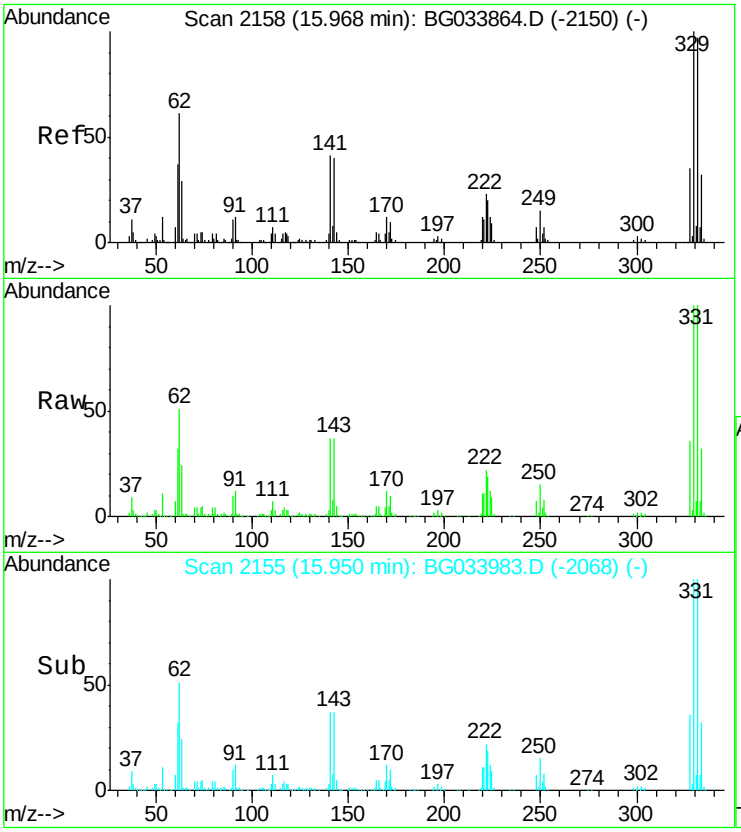


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:164 Resp: 209897

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	45.3	35.4	53.0



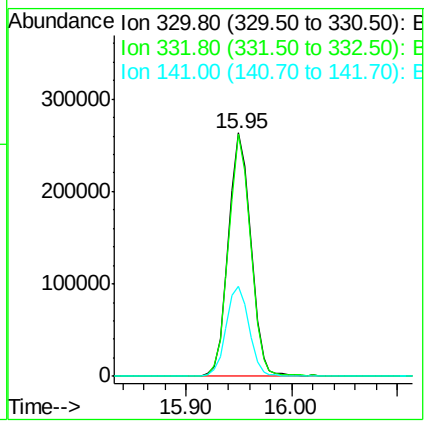


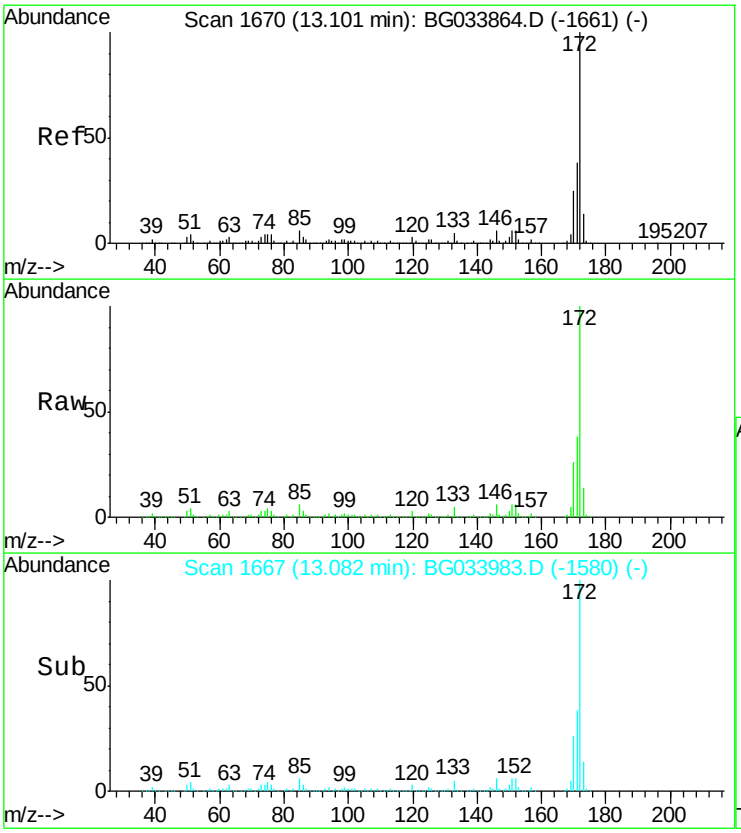
#41
2,4,6-Tribromophenol
Concen: 158.078 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 387100

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	37.9	25.2	37.8#

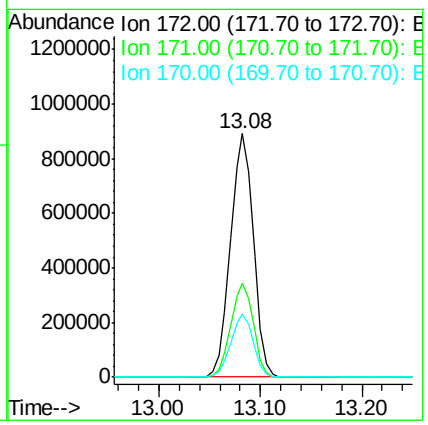


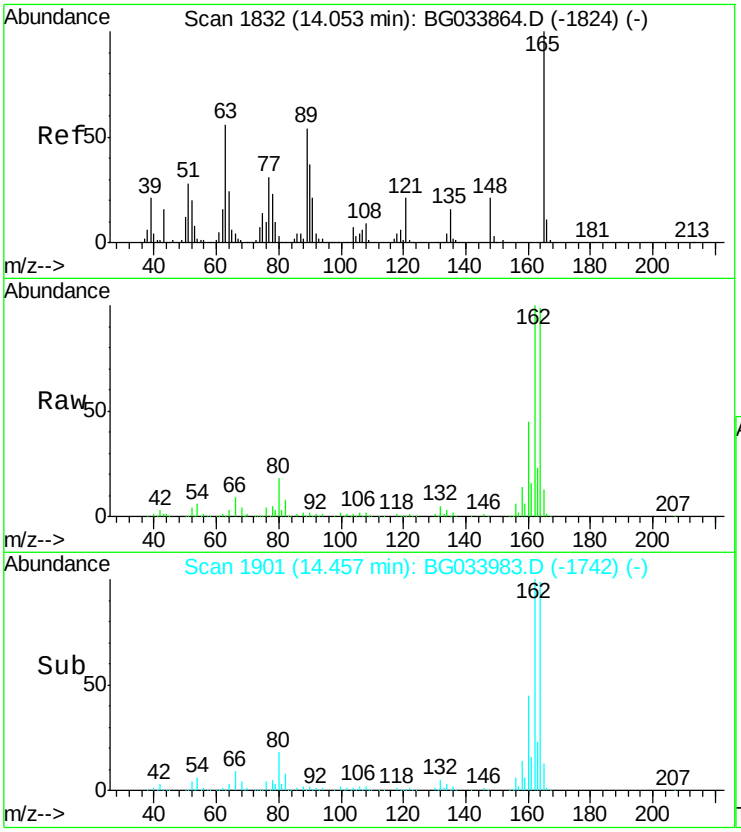


#44
2-Fluorobiphenyl
Concen: 97.247 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:172 Resp: 1389482

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.9	19.5	29.3



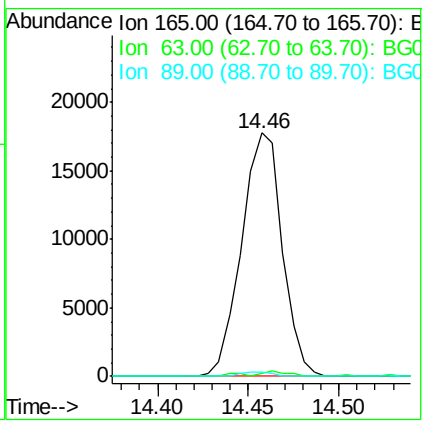


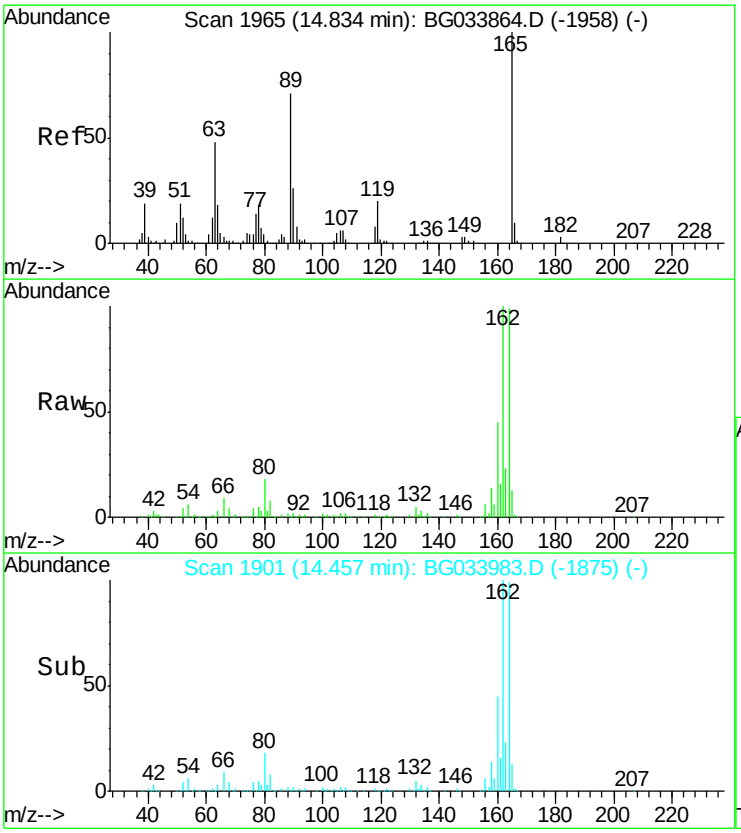
#50
2,6-Dinitrotoluene
Concen: 7.909 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 27674

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	1.5	49.2	73.8#

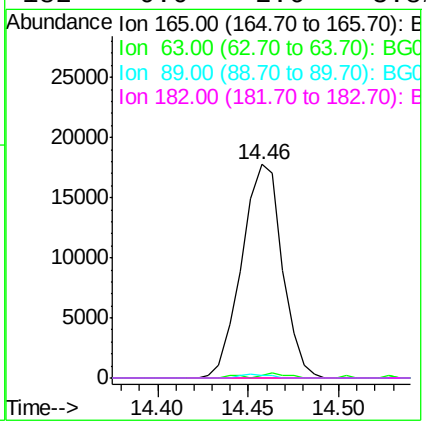


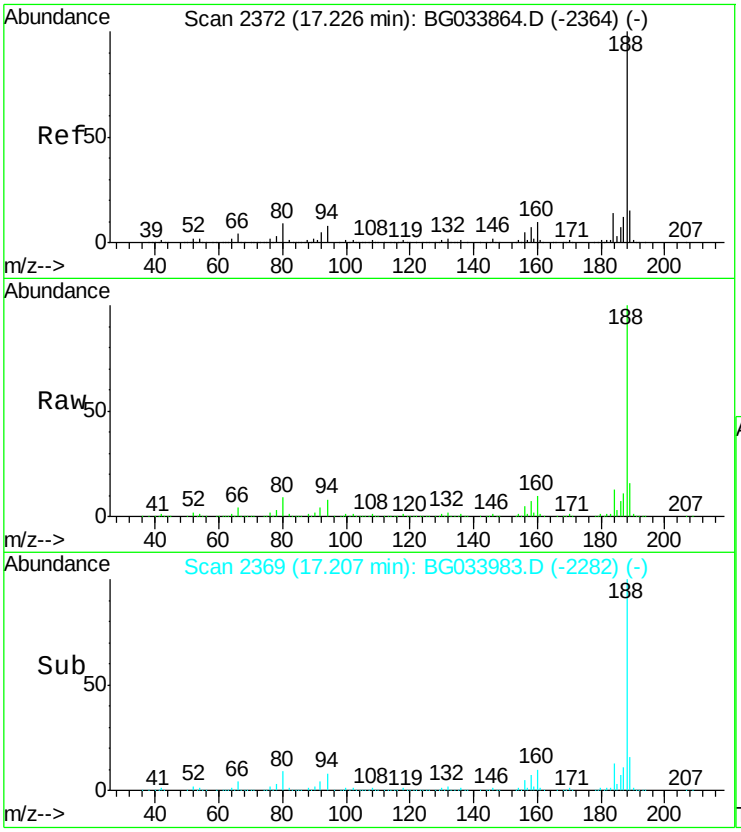


#56
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:165 Resp: 27674

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



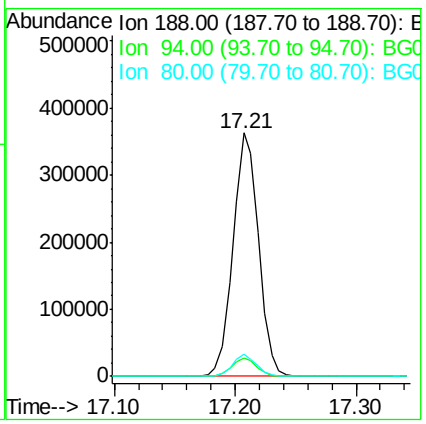


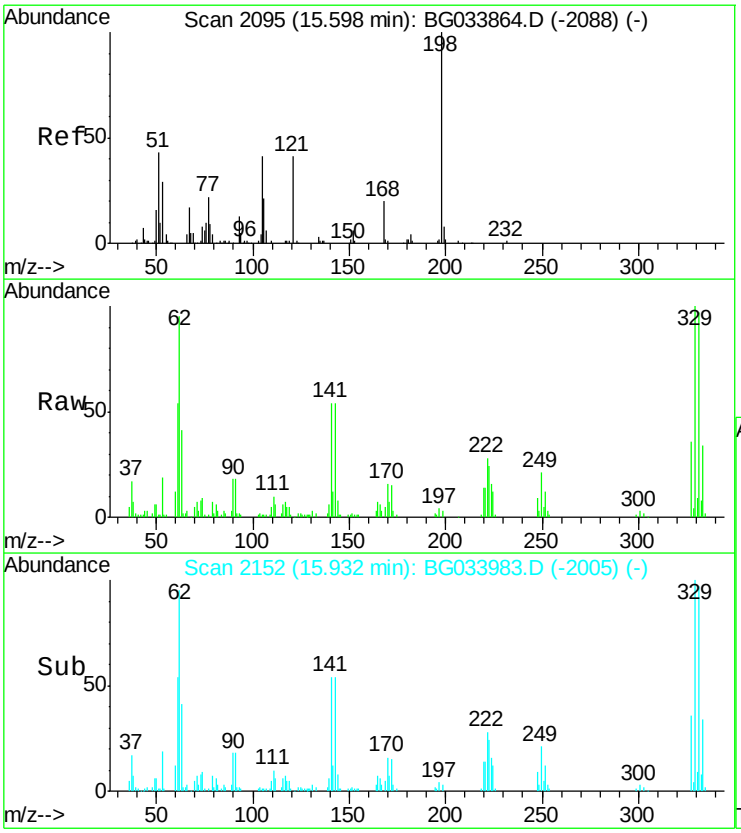
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 532637

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.1	7.7	11.5

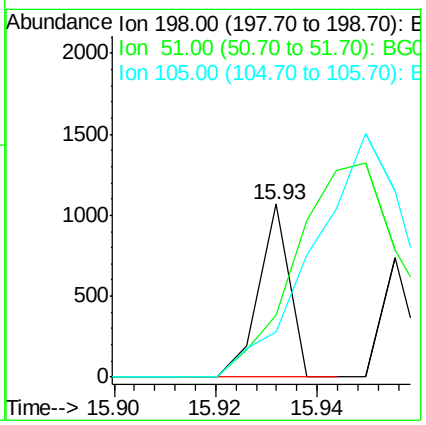


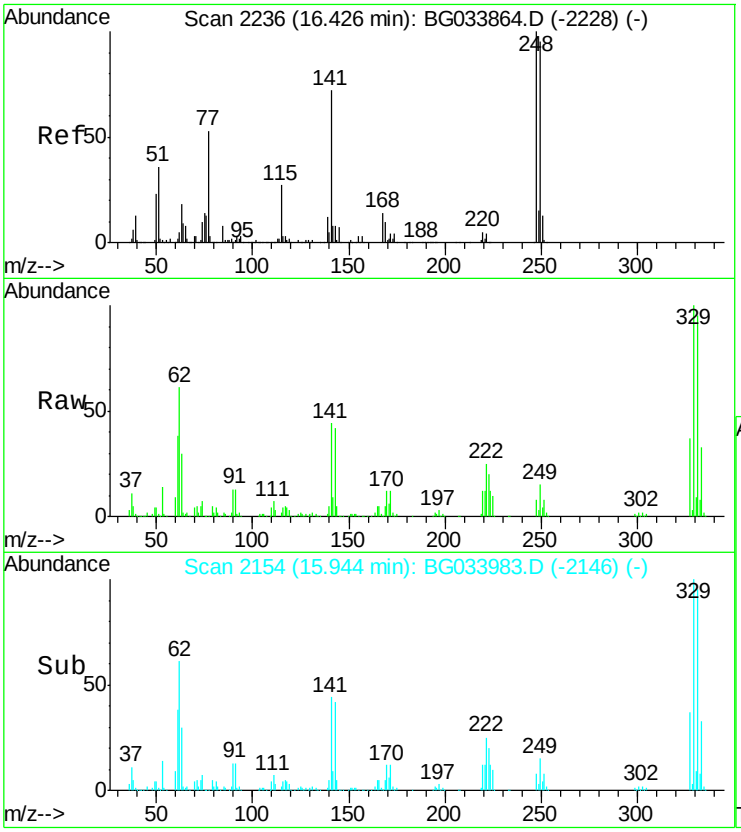


#64
4,6-Dinitro-2-methylphenol
Concen: 6.639 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.33 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:198 Resp: 445

Ion	Ratio	Lower	Upper
198	100		
51	35.6	30.6	70.6
105	26.4	23.8	63.8



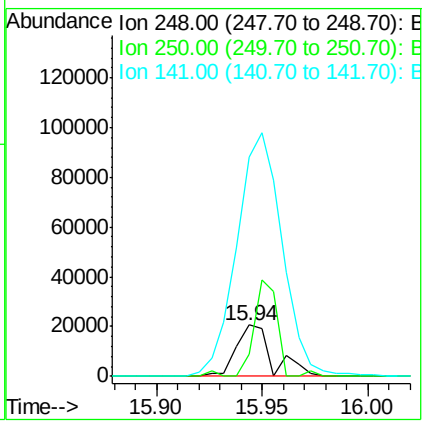


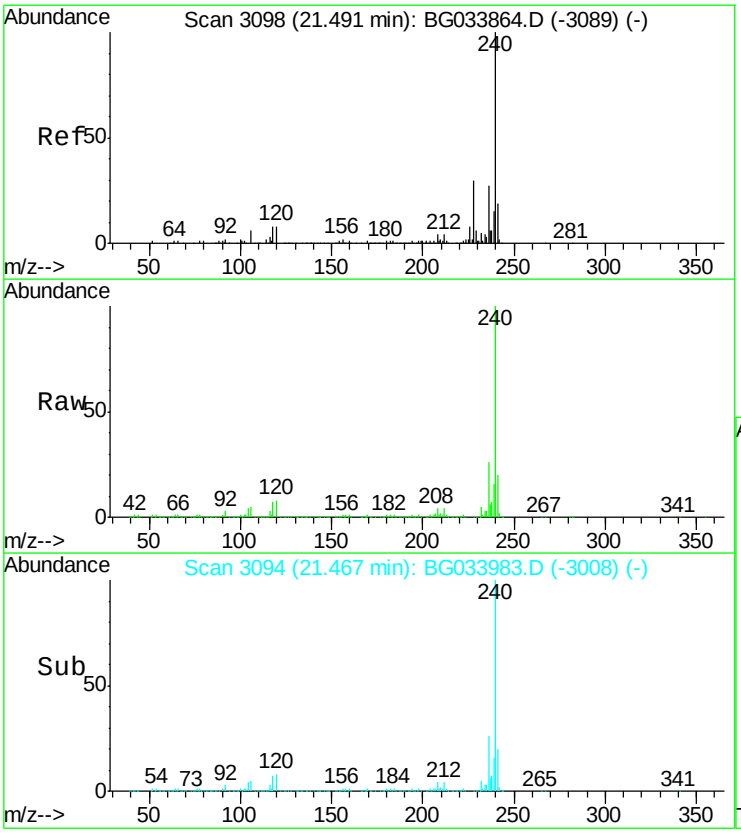
#66
4-Bromophenyl-phenylether
Concen: 4.112 ng
RT: 15.94 min Scan# 2154
Delta R.T. -0.48 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24055

Ion	Ratio	Lower	Upper
248	100		
250	42.8	77.1	115.7#
141	425.5	50.8	76.2#

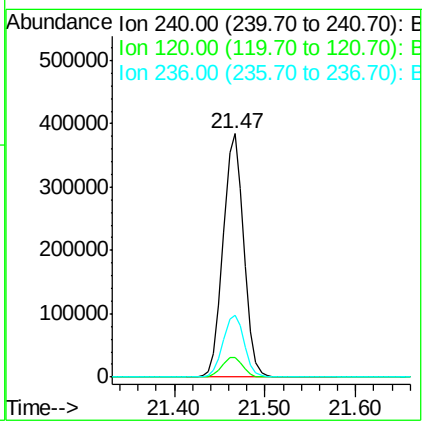


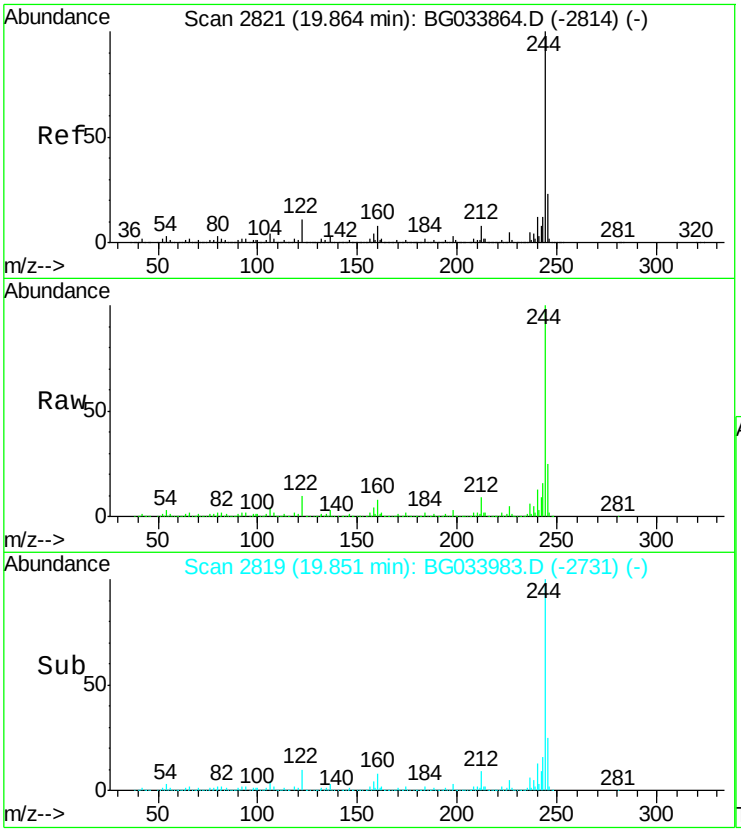


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:240 Resp: 604512

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.6	20.9	31.3



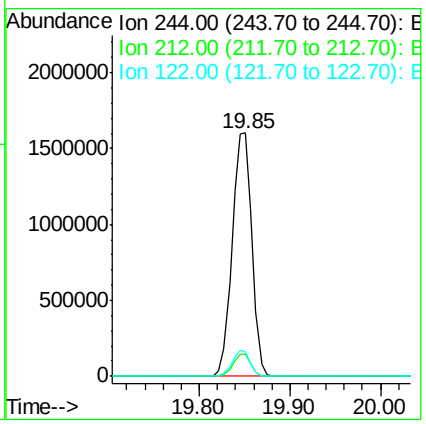


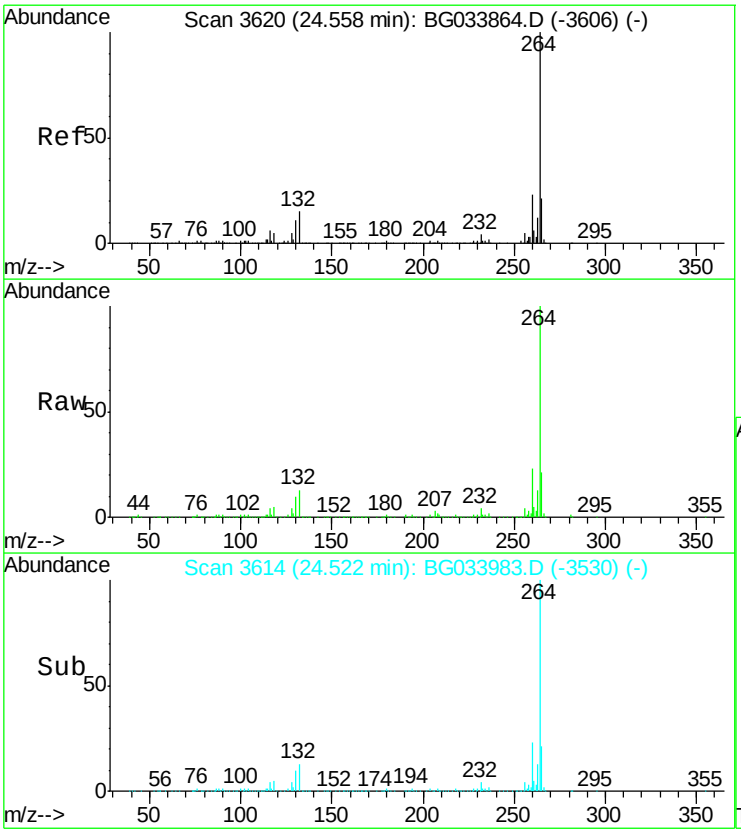
#78
Terphenyl-d14
Concen: 90.281 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2429244

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:264 Resp: 609414

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.5	17.7	26.5