Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033920.D
Acq On : 23 Apr 2018 14:38
Operator : SJ/JU
Sample : J2492-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 24 03:18:35 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	69035	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	306525	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	209968	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	577844	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	599960	20.00	ng	-0.02
86) Perylene-d12	24.53	264	608912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	207637	48.02	ng	0.00
7) Phenol-d6	7.00	99	173186	27.46	ng	0.00
23) Nitrobenzene-d5	8.98	82	564007	104.71	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	307513	125.54	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1362543	95.33	ng	-0.01
78) Terphenyl-d14	19.85	244	2455309	91.94	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.98	77	220	Below Cal	#	34
19) n-Nitroso-di-n-propylamine	8.98	70	77869	14.484	ng	# 76
32) Benzoic acid	9.81	122	56	5.096	ng	# 1
49) Dimethylphthalate	13.92	163	61143	3.310	ng	99
50) 2,6-Dinitrotoluene	14.46	165	27506	7.858	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	27506	5.910	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.93	198	67	6.510	ng	# 12
66) 4-Bromophenyl-phenylether	15.95	248	23158	3.649	ng	# 1
76) Benzidine	19.85	184	42045	2.595	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
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Acq On : 23 Apr 2018 14:38
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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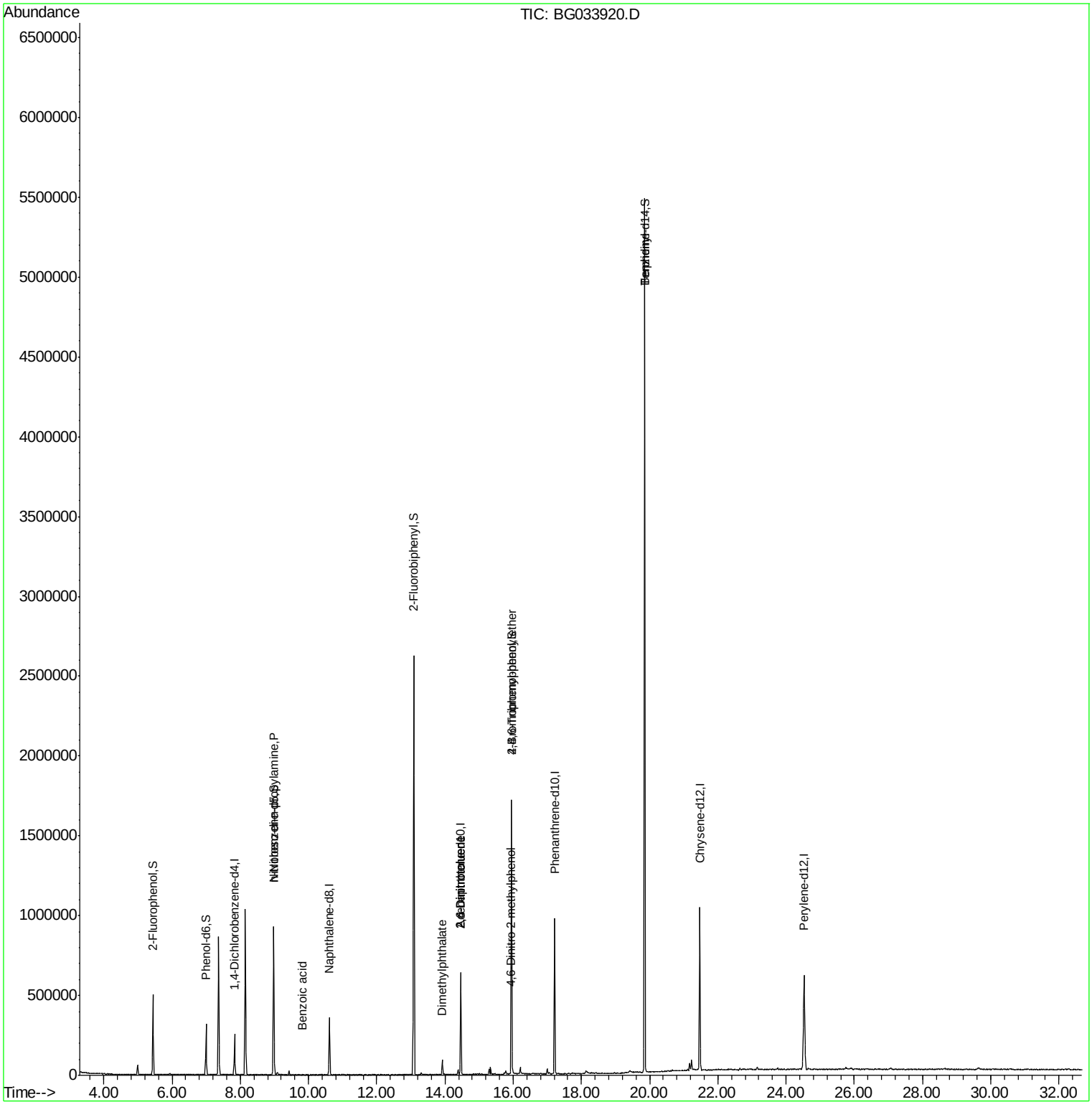
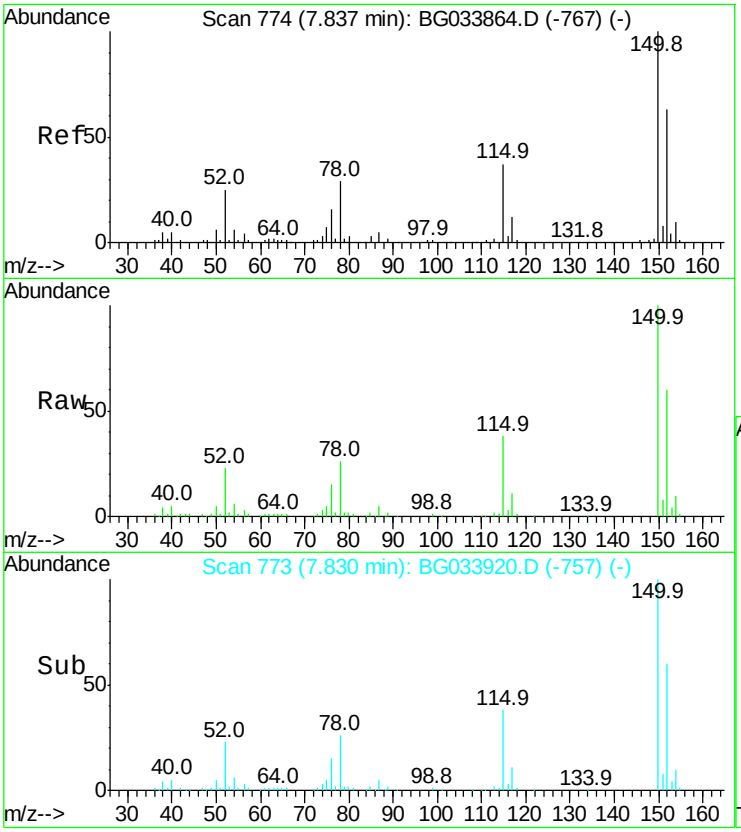
Response via : Initial Calibration



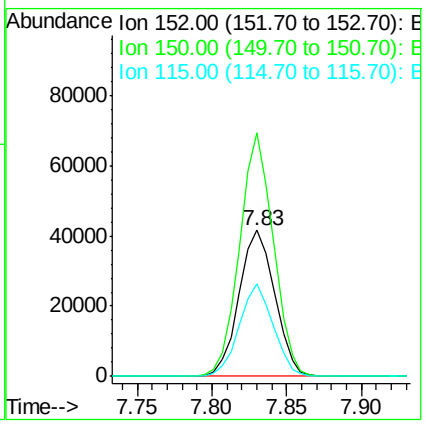


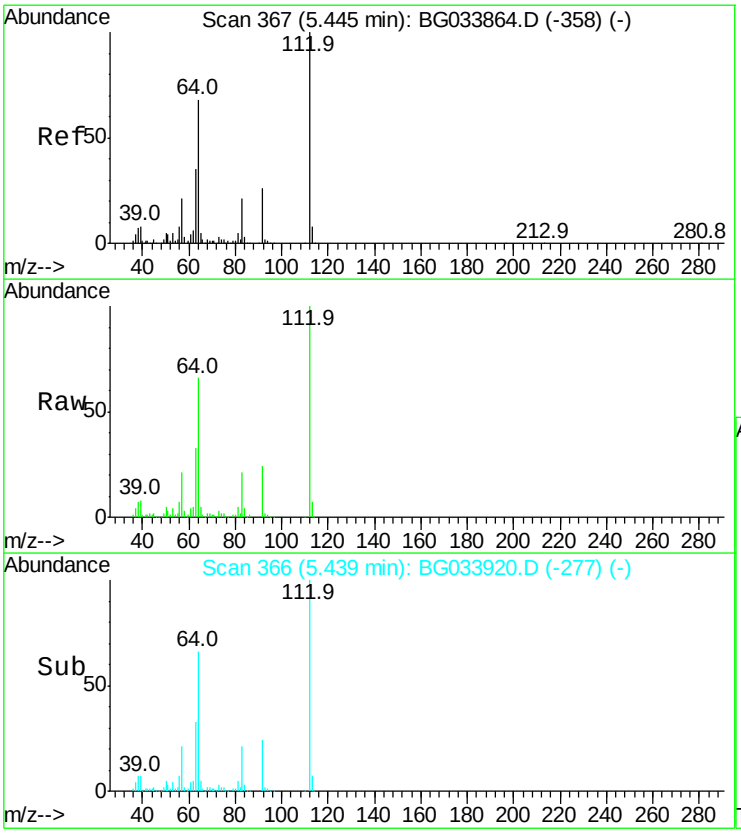
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69035

Ion	Ratio	Lower	Upper
152	100		
150	166.6	126.6	189.8
115	63.1	53.0	79.4

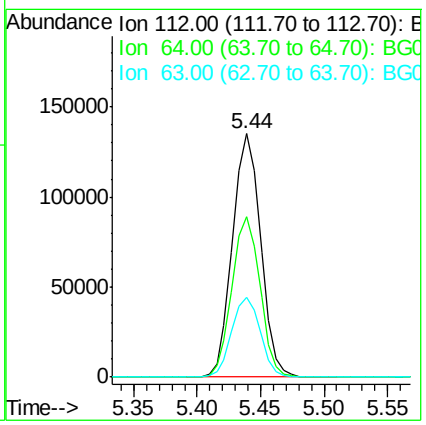


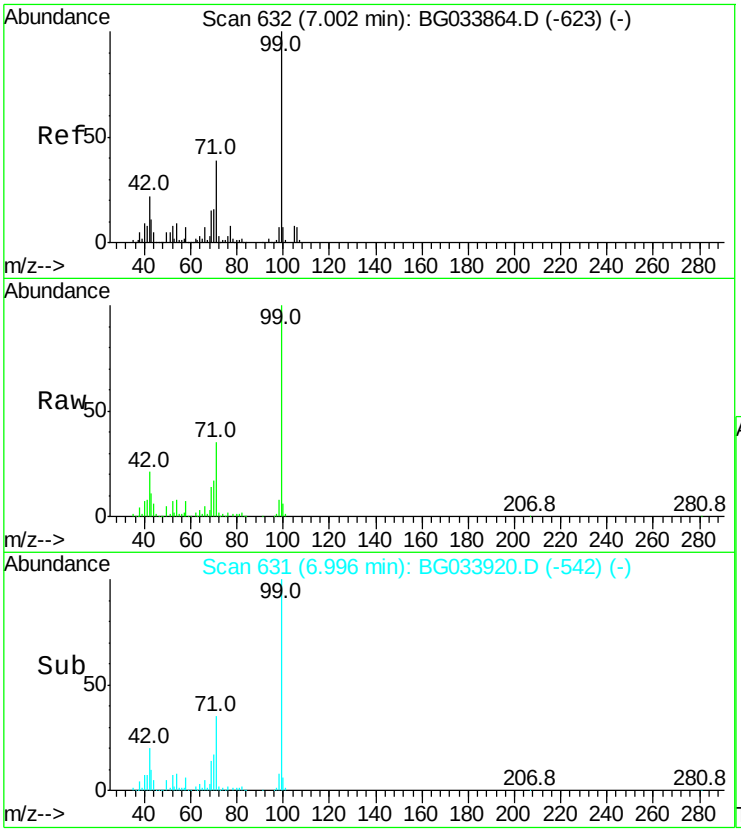


#5
2-Fluorophenol
Concen: 48.019 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:112 Resp: 207637

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	33.0	30.1	45.1



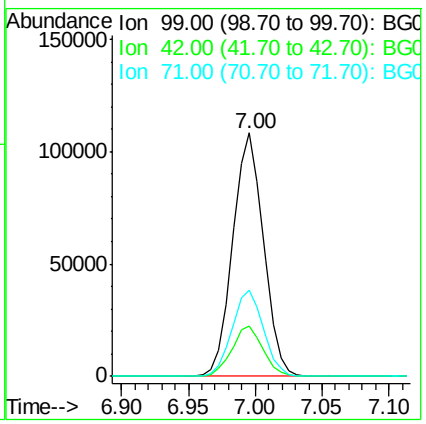


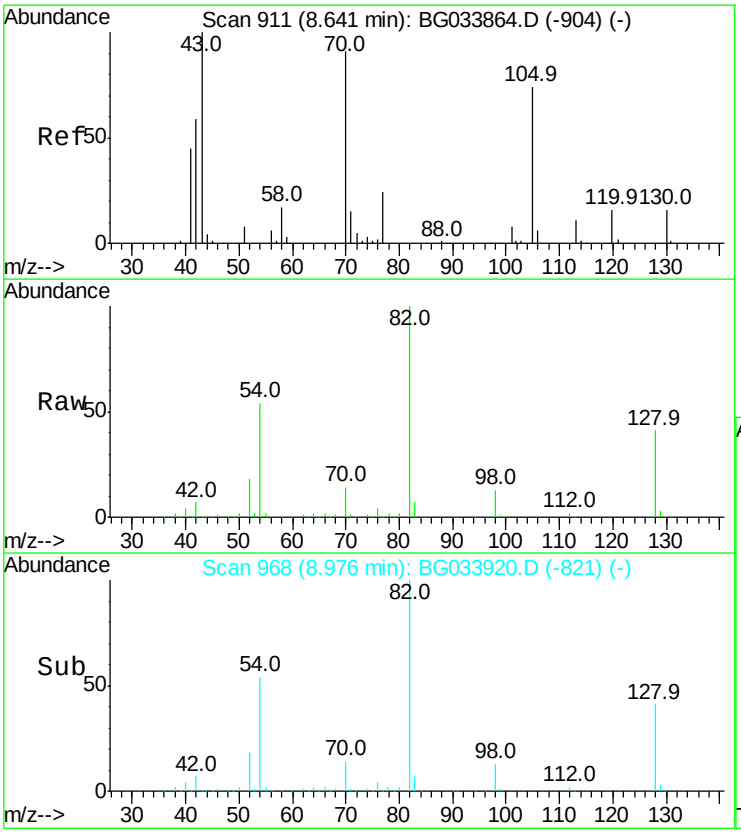
#7
Phenol-d6
Concen: 27.460 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 173186

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	35.3	26.1	39.1

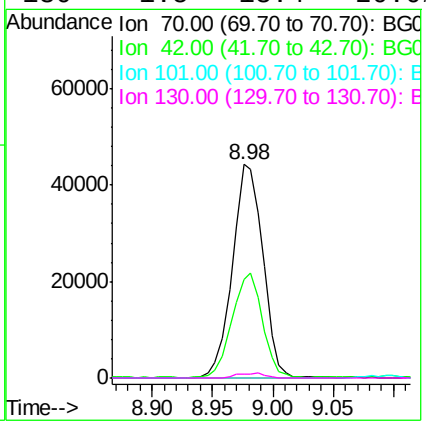


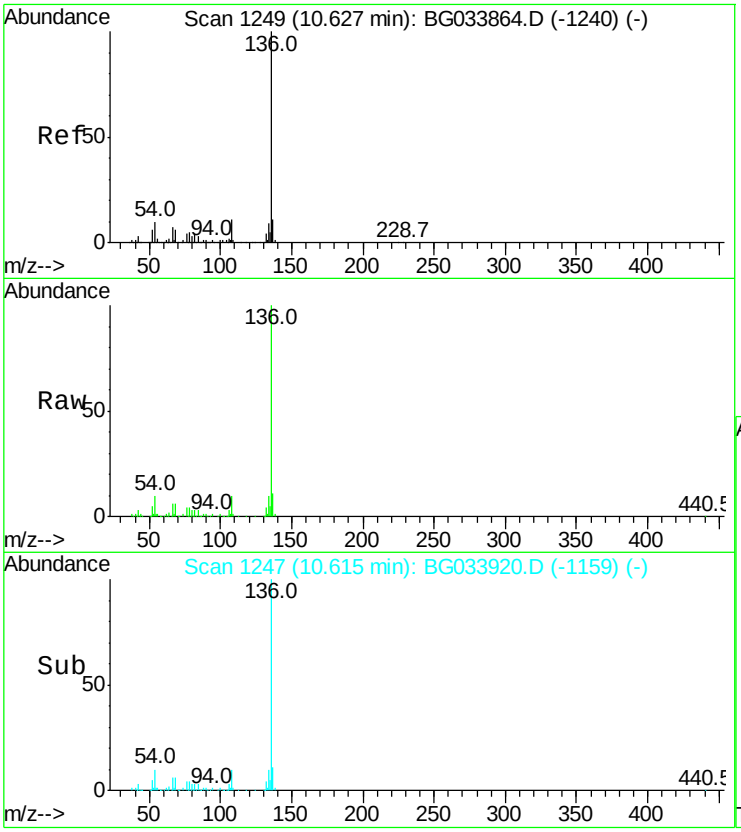


#19
n-Nitroso-di-n-propylamine
Concen: 14.484 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.33 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion: 70 Resp: 77869

Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



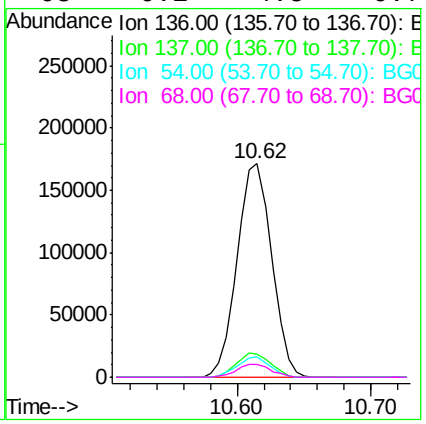


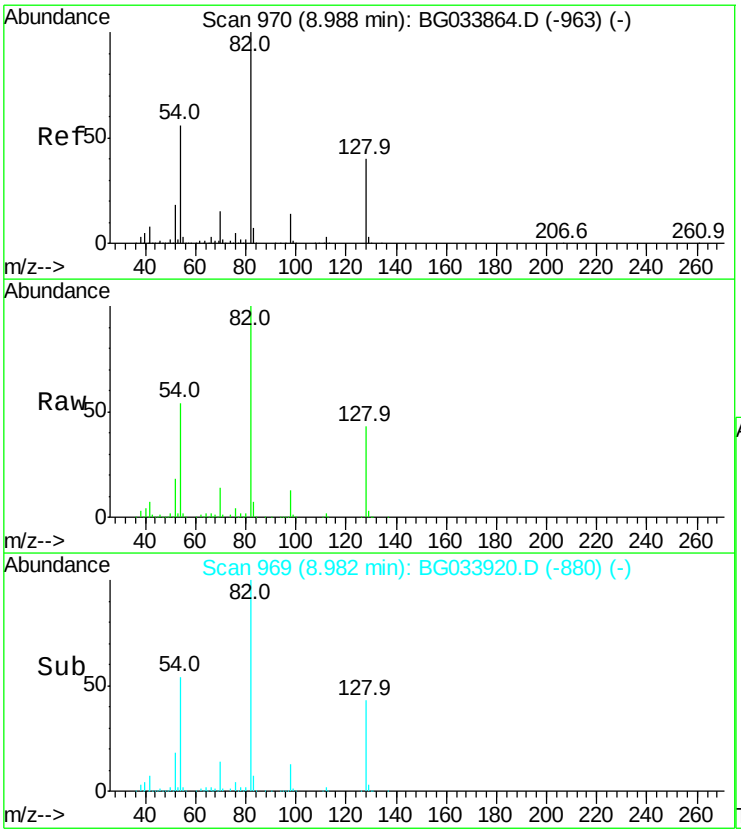
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 306525

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.6	10.3	15.5#
68	6.2	4.5	6.7

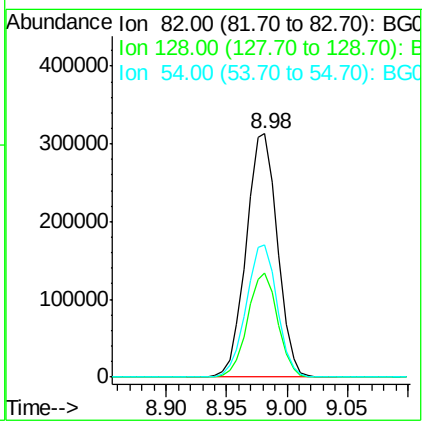


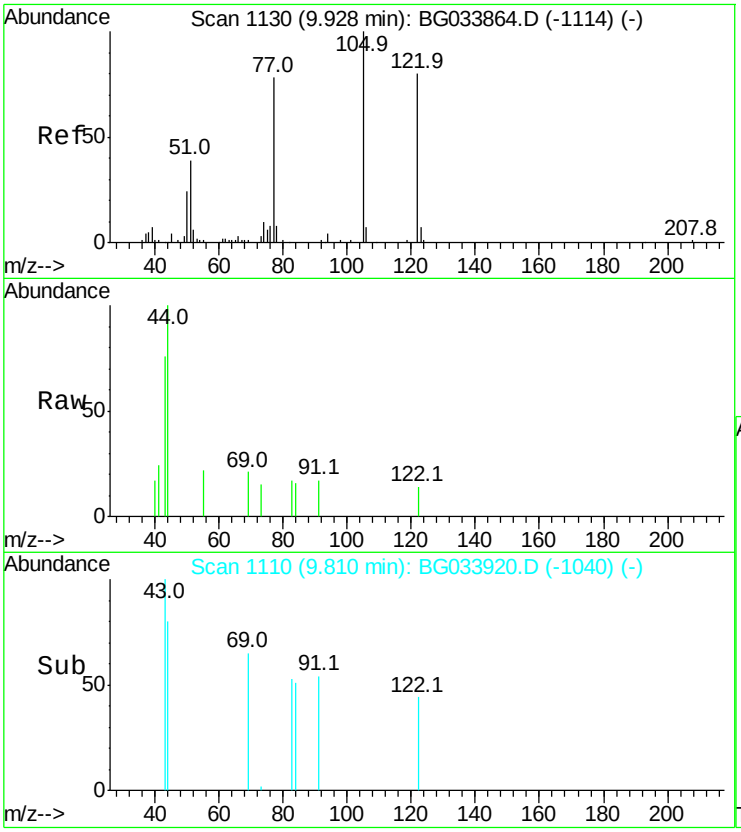


#23
Nitrobenzene-d5
Concen: 104.714 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion: 82 Resp: 564007

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	54.3	43.1	64.7

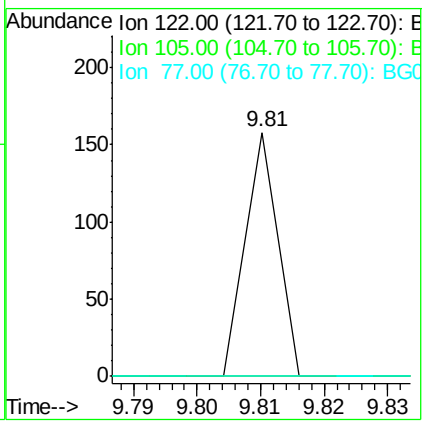




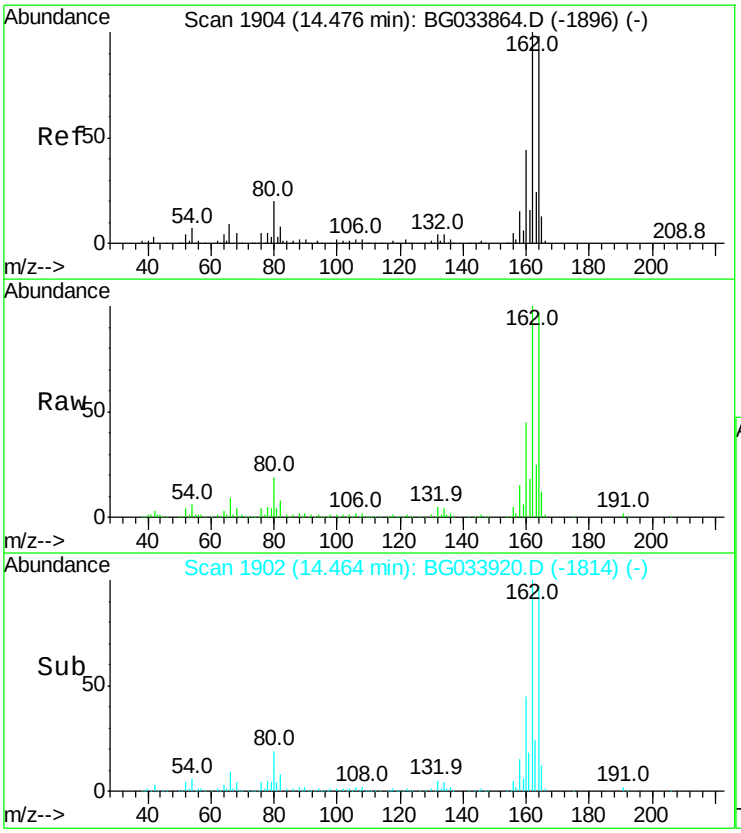
#32
Benzoic acid
Concen: 5.096 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.12 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

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#



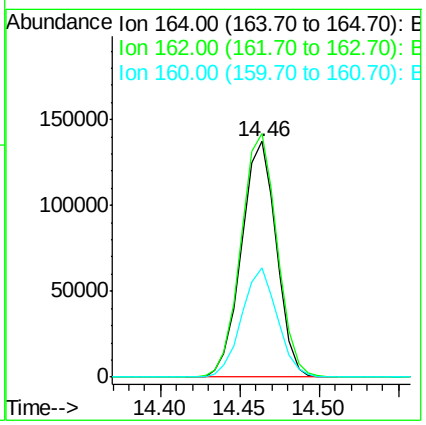
Instrument :
BNA_G
ClientSampleId :

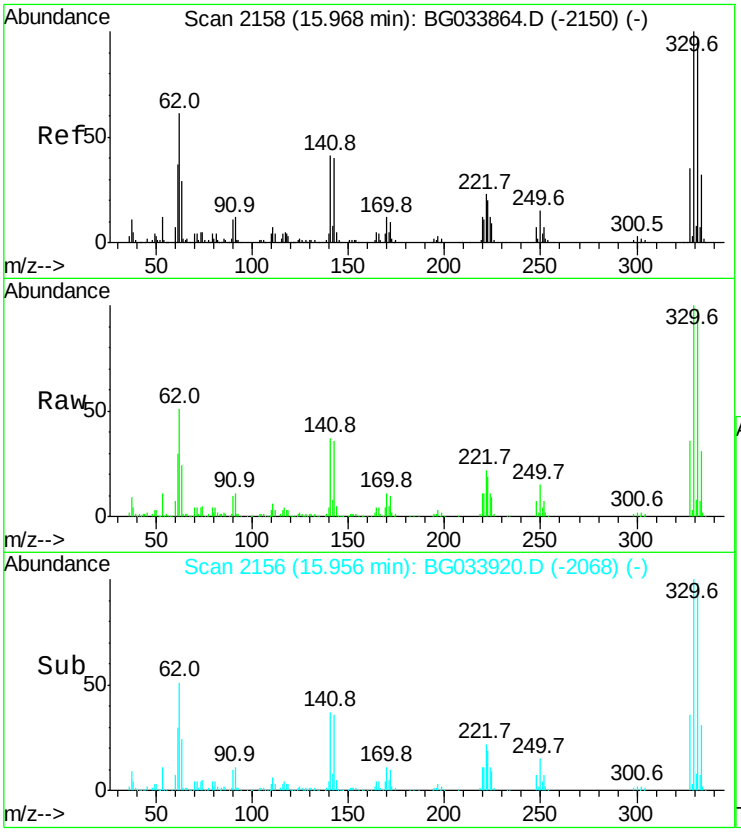


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:164 Resp: 209968

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.1	35.4	53.0



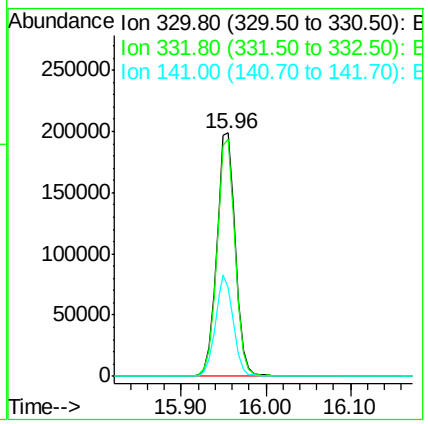


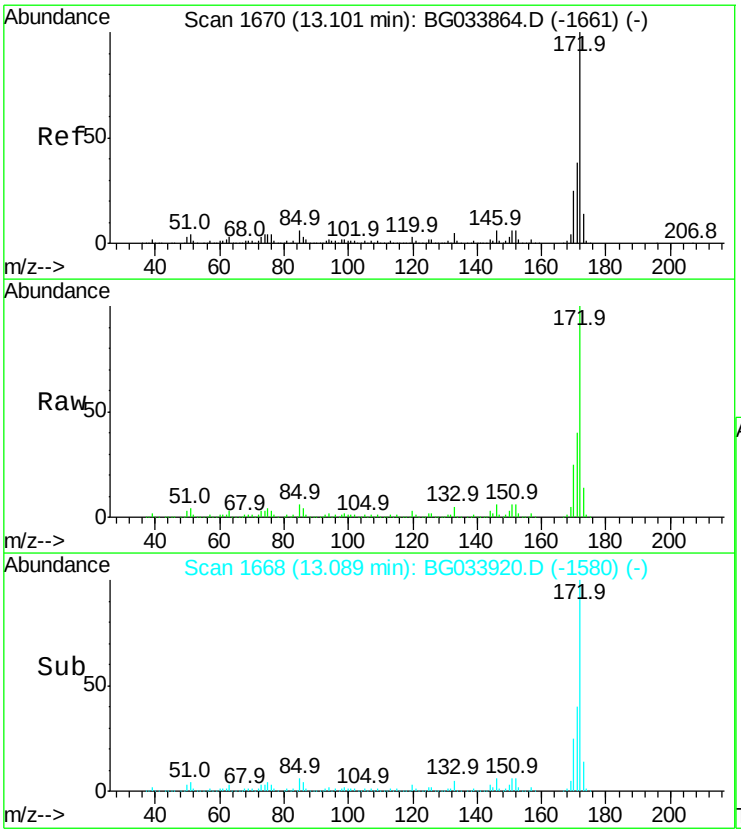
#41
2,4,6-Tribromophenol
Concen: 125.535 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 307513

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.0	25.2	37.8#

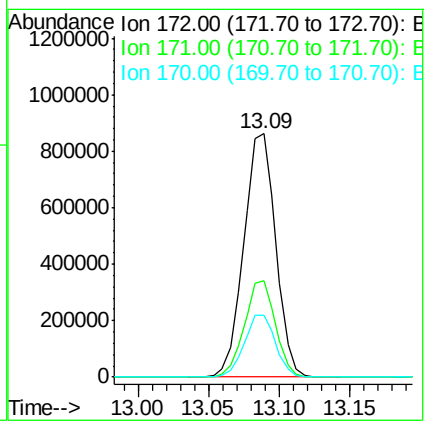


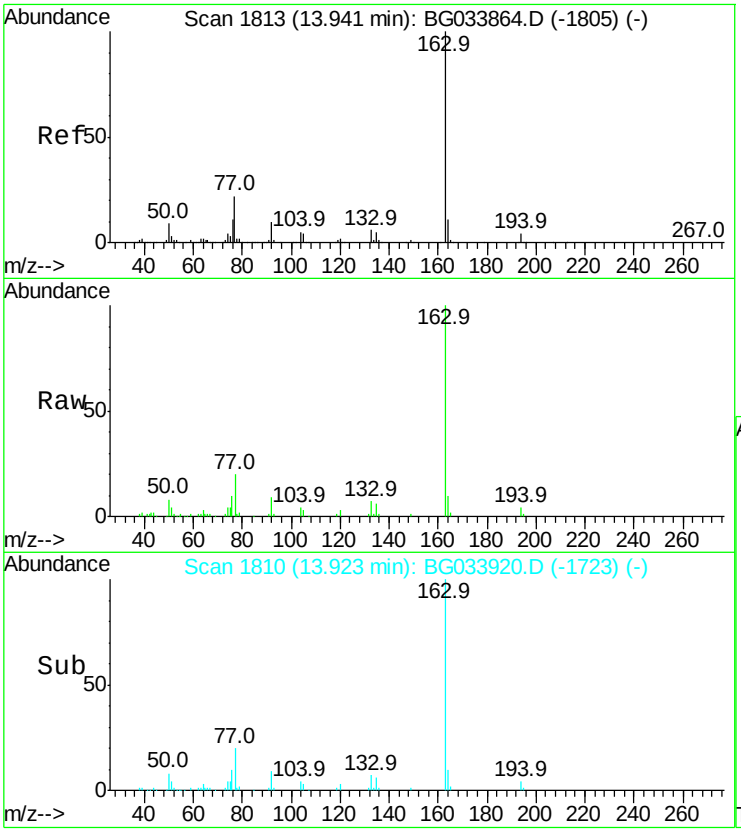


#44
2-Fluorobiphenyl
Concen: 95.329 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:172 Resp: 1362543

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.4	19.5	29.3



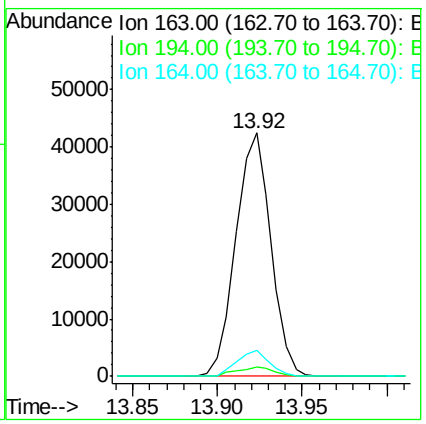


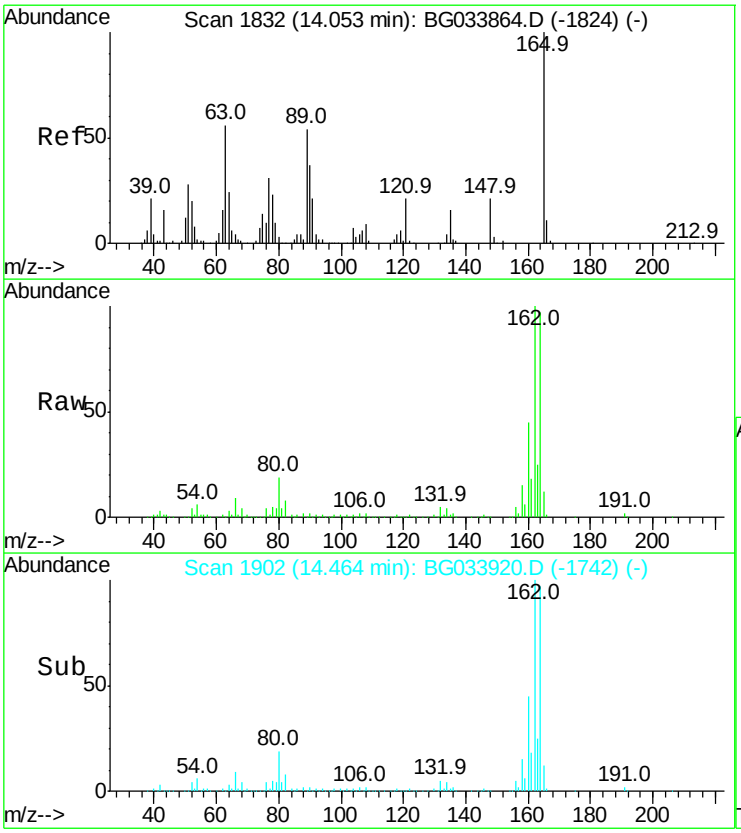
#49
Dimethylphthalate
Concen: 3.310 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 61143

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.5	8.2	12.4

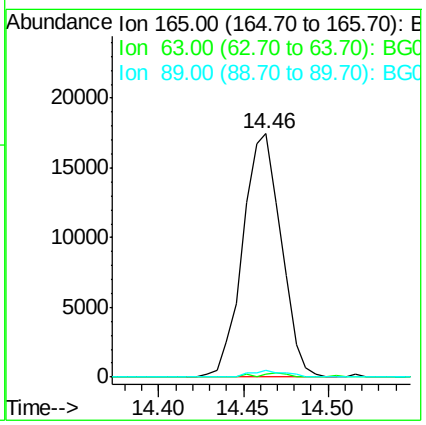


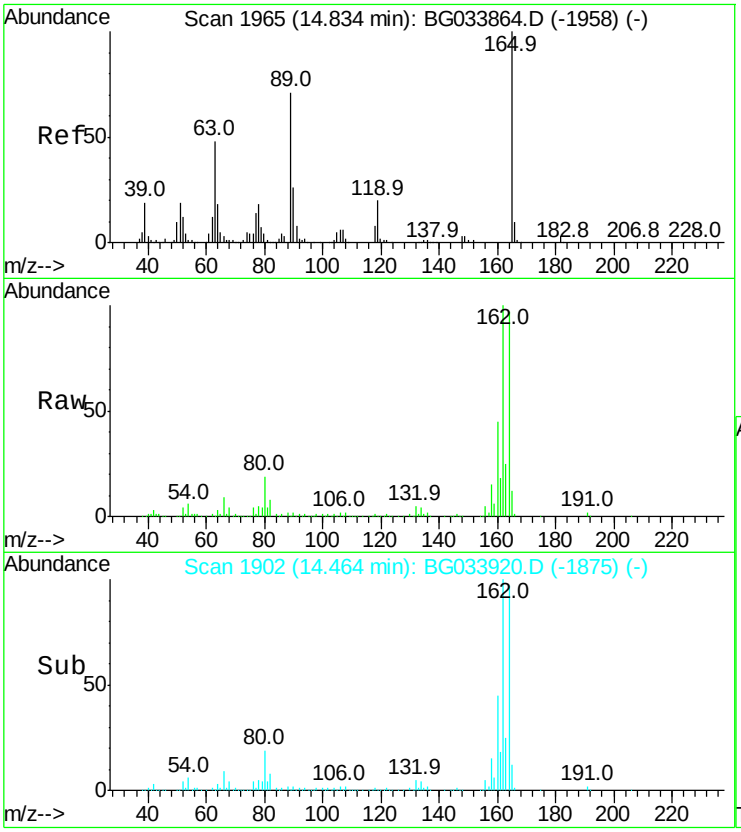


#50
2,6-Dinitrotoluene
Concen: 7.858 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:165 Resp: 27506

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	2.6	49.2	73.8#



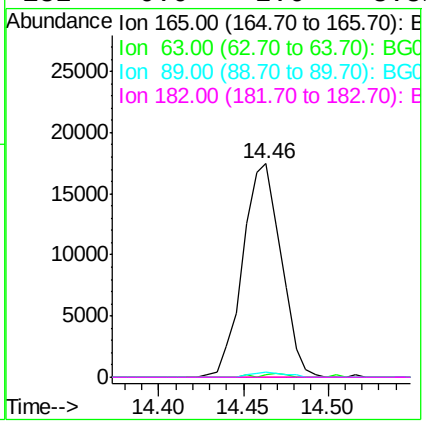


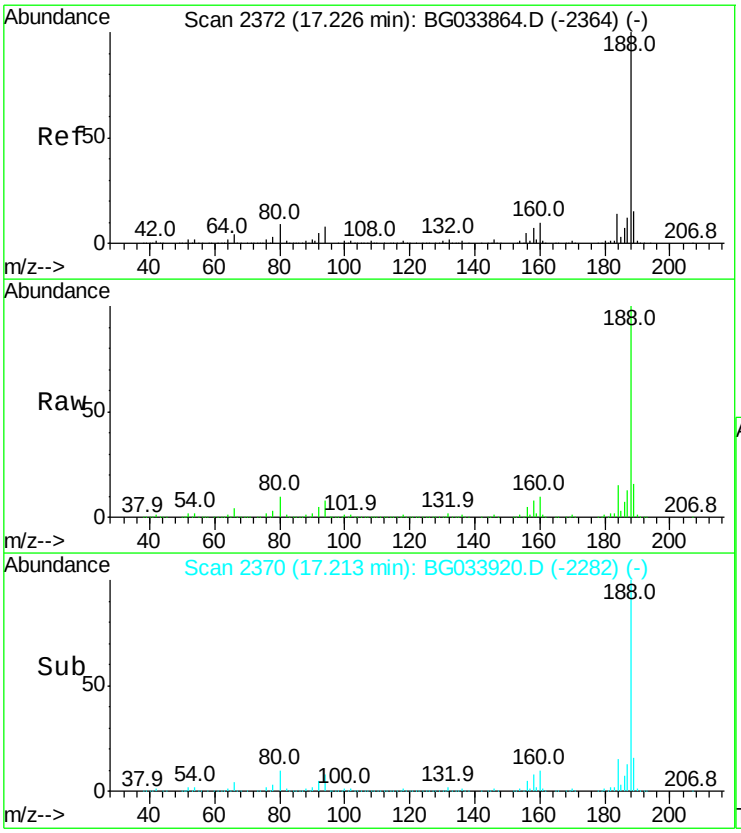
#56
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 27506

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

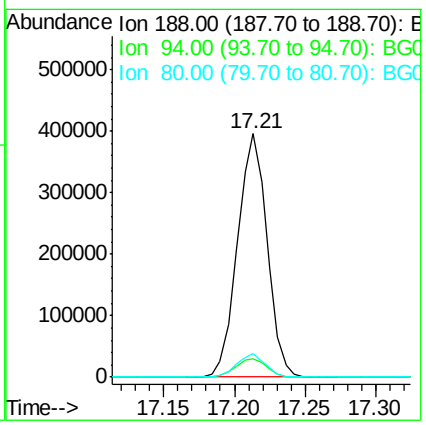


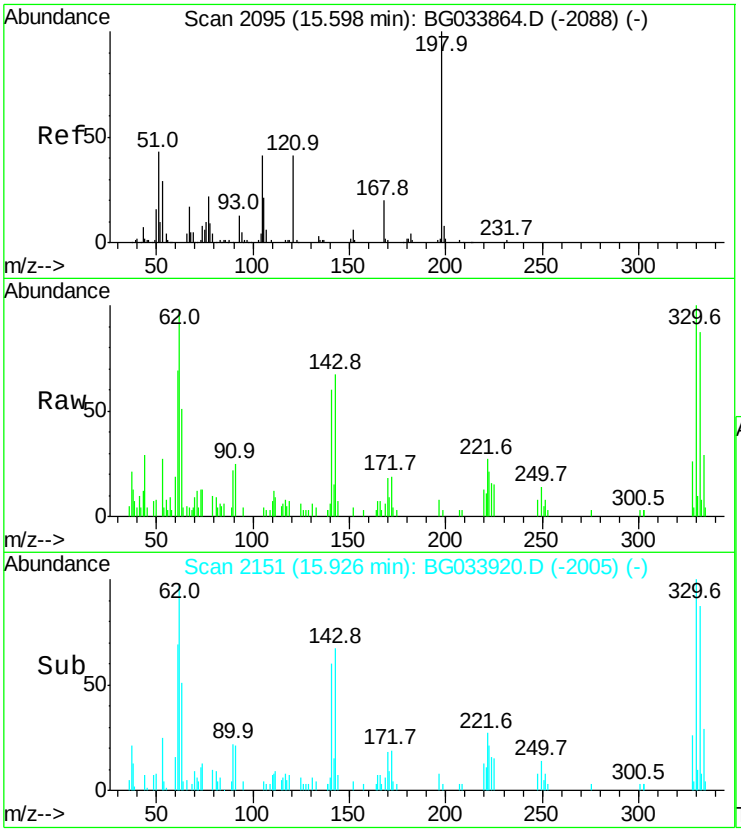


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:188 Resp: 577844

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.6	7.7	11.5



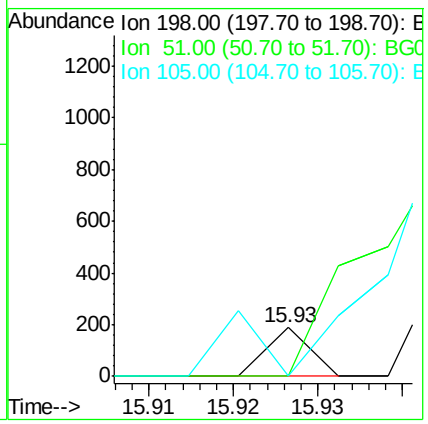


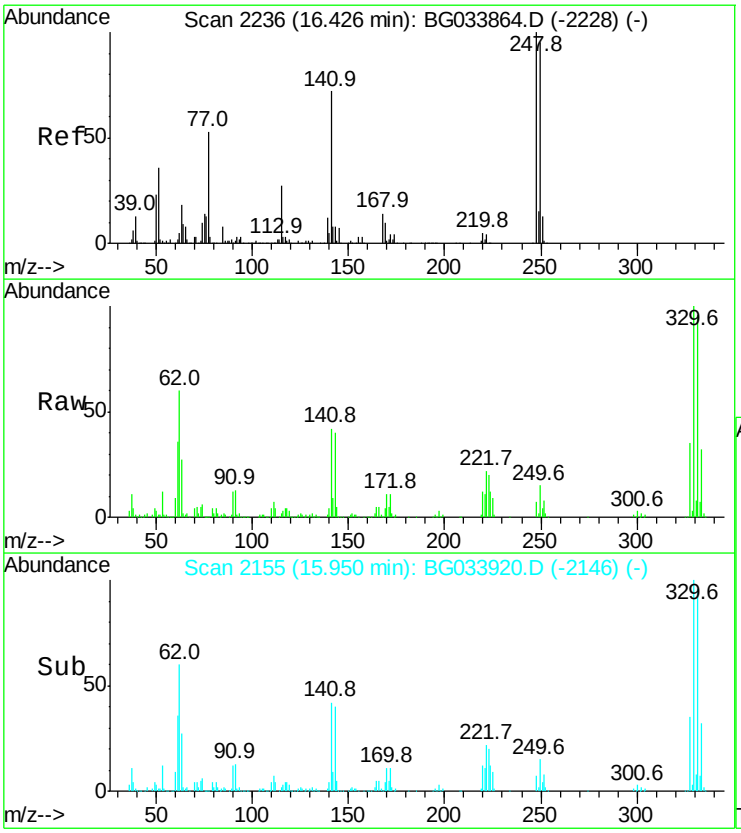
#64
4,6-Dinitro-2-methylphenol
Concen: 6.510 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.33 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 67

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	111.1	23.8	63.8#

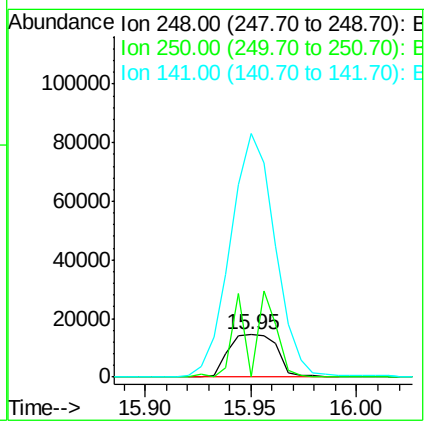


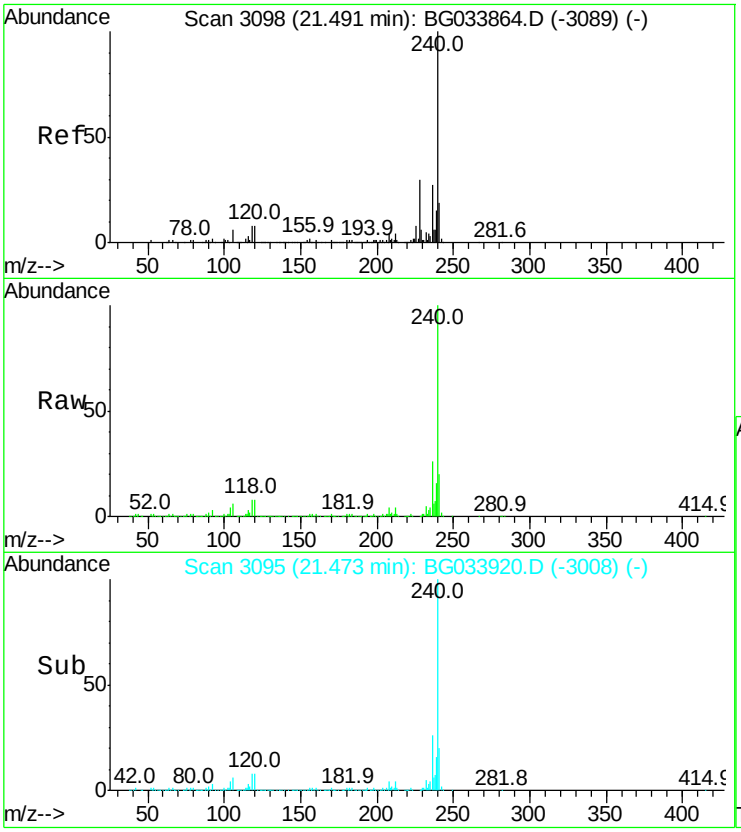


#66
4-Bromophenyl-phenylether
Concen: 3.649 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:248 Resp: 23158

Ion	Ratio	Lower	Upper
248	100		
250	44.4	77.1	115.7#
141	442.3	50.8	76.2#



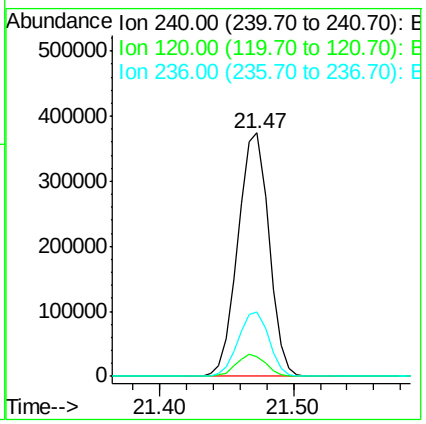


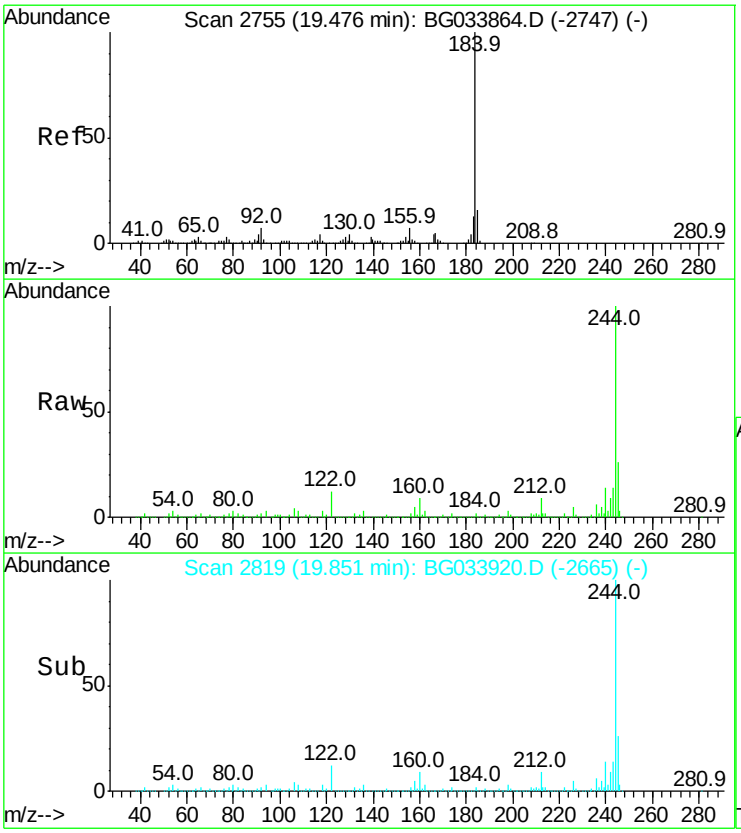
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 599960

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	26.4	20.9	31.3

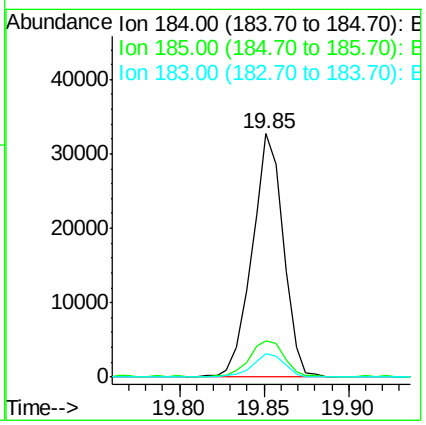


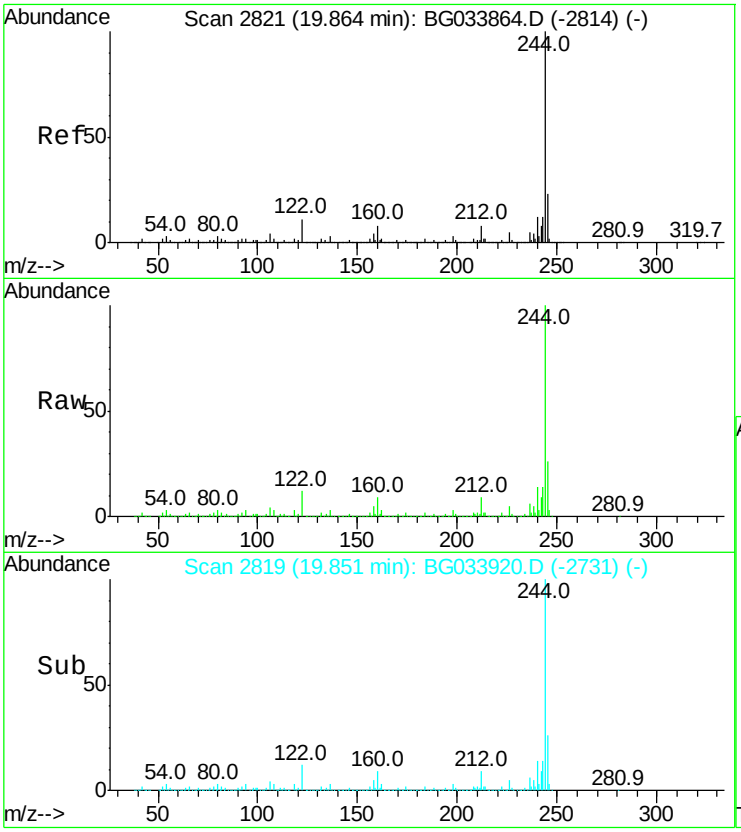


#76
Benzidine
Concen: 2.595 ng
RT: 19.85 min Scan# 2819
Delta R.T. 0.38 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:184 Resp: 42045

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	9.9	10.6	16.0#



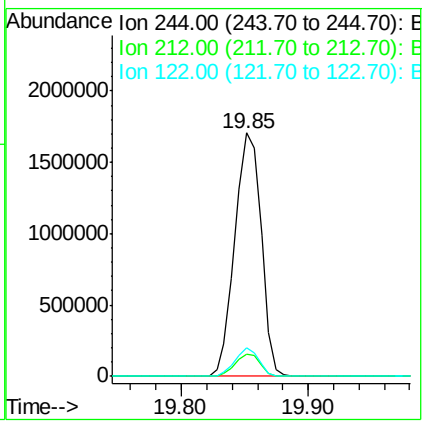


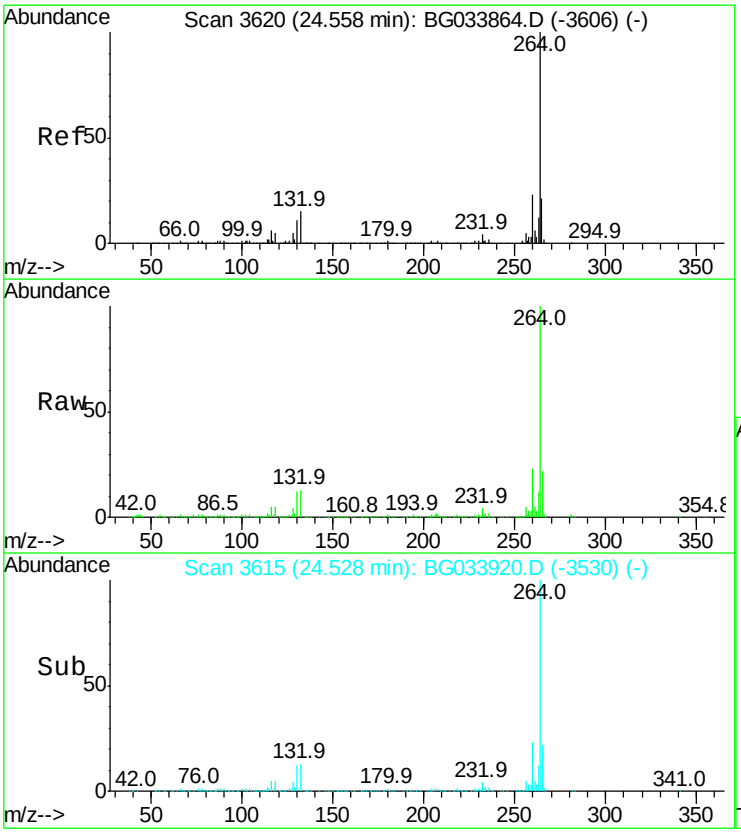
#78
Terphenyl-d14
Concen: 91.942 ng
RT: 19.85 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2455309

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	11.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG033920.D
Acq: 23 Apr 2018 14:38

Tgt Ion:264 Resp: 608912

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5