Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033538.D
Acq On : 4 Apr 2018 00:43
Operator : SJ/JU
Sample : J2131-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 04 02:33:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33697	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	153226	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	125730	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	344623	20.00	ng		0.00
75) Chrysene-d12	22.56	240	351595	20.00	ng		0.00
86) Perylene-d12	26.33	264	318889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	318915	177.47	ng		0.00
7) Phenol-d6	7.98	99	447935	145.07	ng		0.00
23) Nitrobenzene-d5	10.06	82	327838	98.30	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	292030	155.30	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	836189	96.01	ng		0.00
78) Terphenyl-d14	20.73	244	1710639	104.05	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.19	79	5683	2.338	ng	#	52
19) n-Nitroso-di-n-propylamine	10.06	70	46073	20.363	ng	#	76
31) Naphthalene	11.80	128	23027	2.900	ng		98
50) 2,6-Dinitrotoluene	15.48	165	16338	7.302	ng	#	21
53) 2,4-Dinitrophenol	15.87	184	55	7.686	ng	#	13
56) 2,4-Dinitrotoluene	15.48	165	16338	4.960	ng	#	19
66) 4-Bromophenyl-phenylether	16.95	248	22042	5.446	ng	#	1
76) Benzidine	20.73	184	29171	3.059	ng	#	89

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

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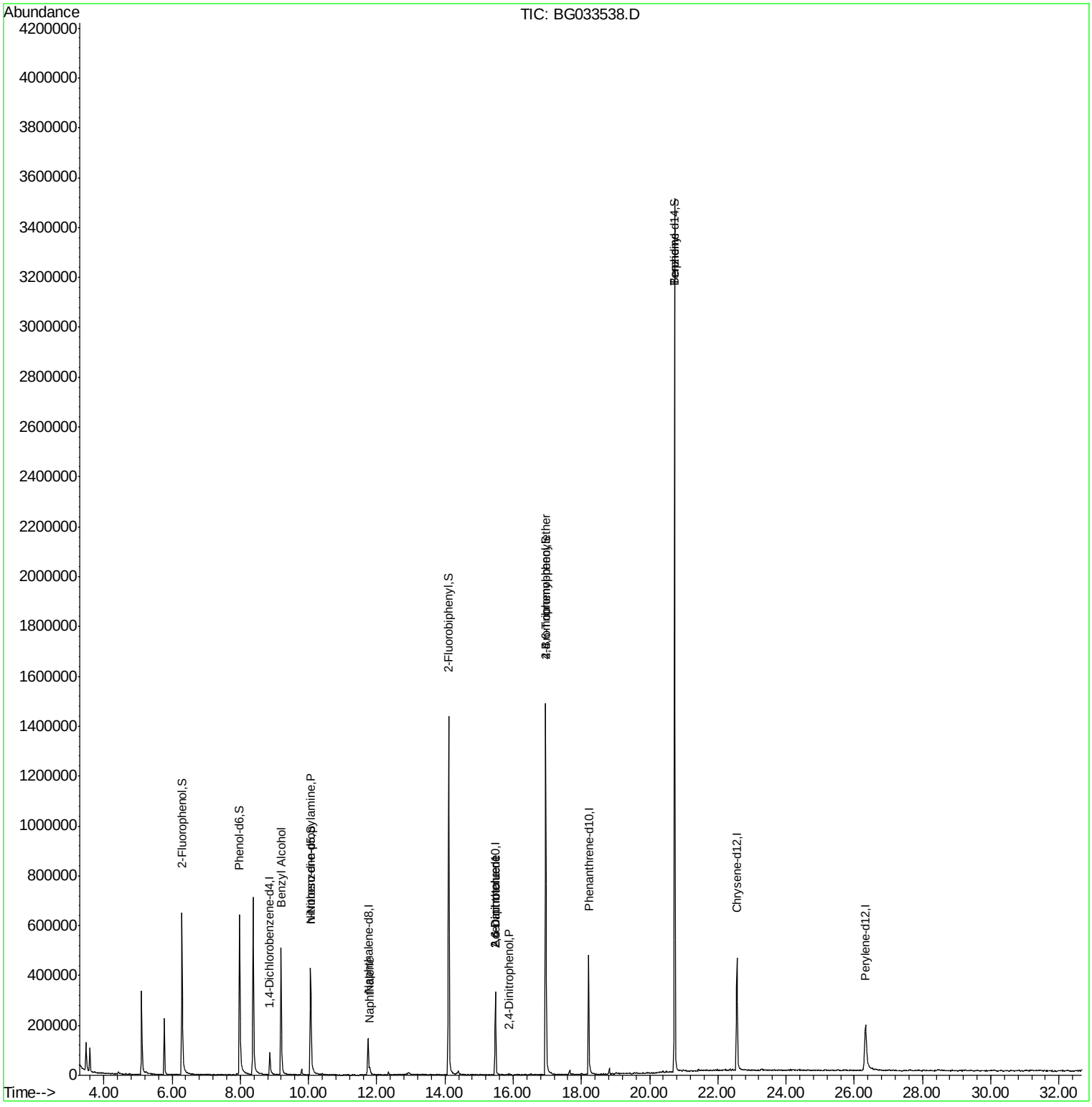
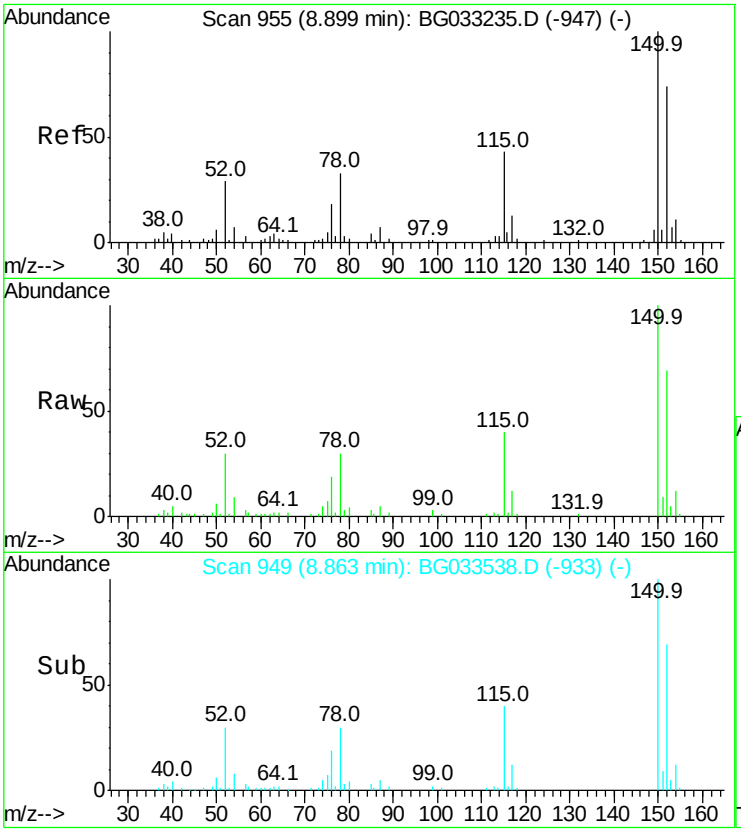


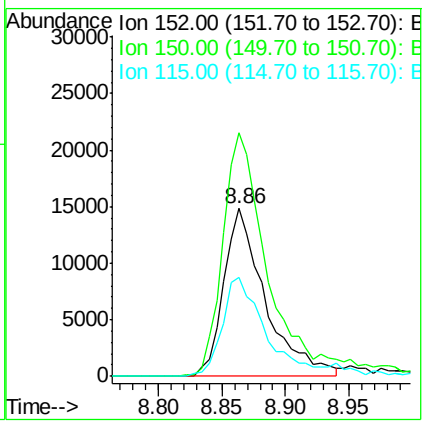


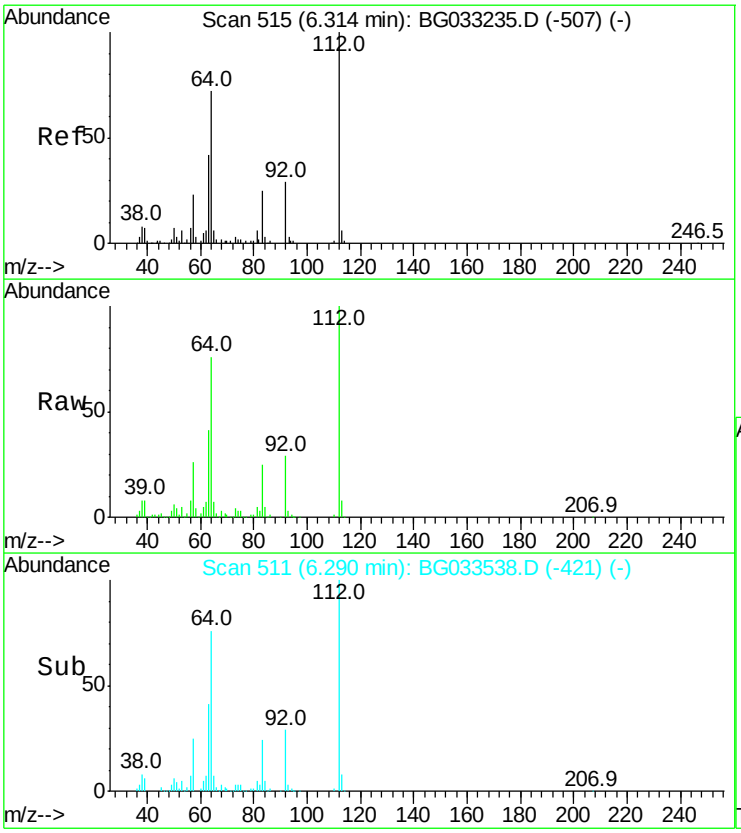
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33697

Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	58.6	53.0	79.4

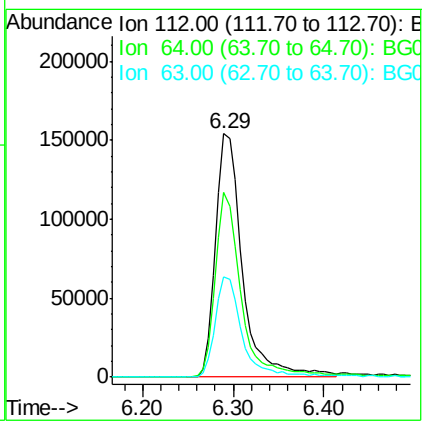


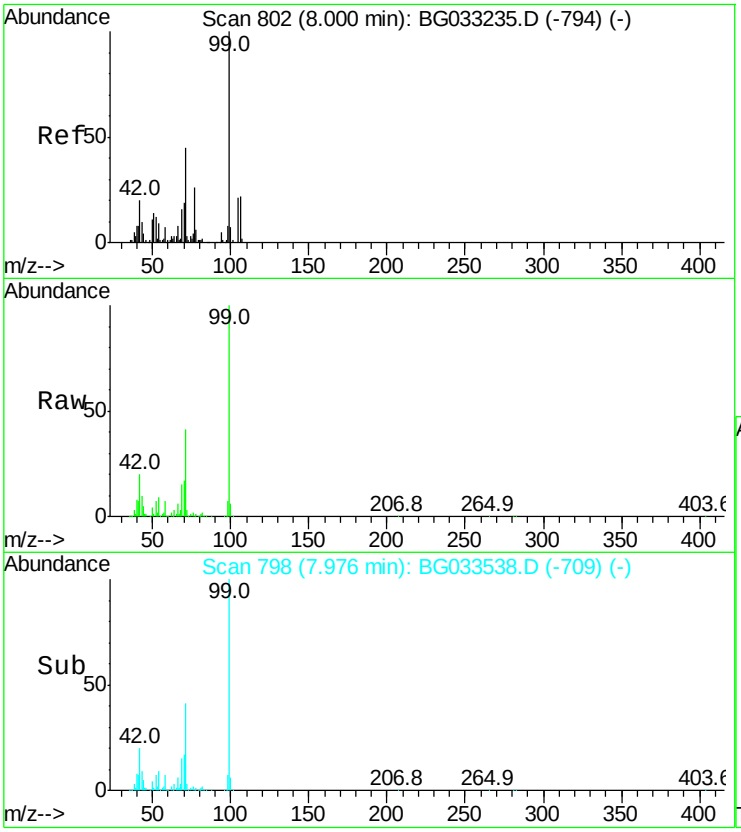


#5
2-Fluorophenol
Concen: 177.465 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:112 Resp: 318915

Ion	Ratio	Lower	Upper
112	100		
64	76.1	56.3	84.5
63	41.1	30.1	45.1



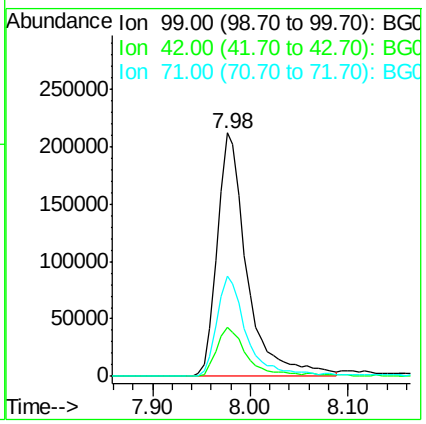


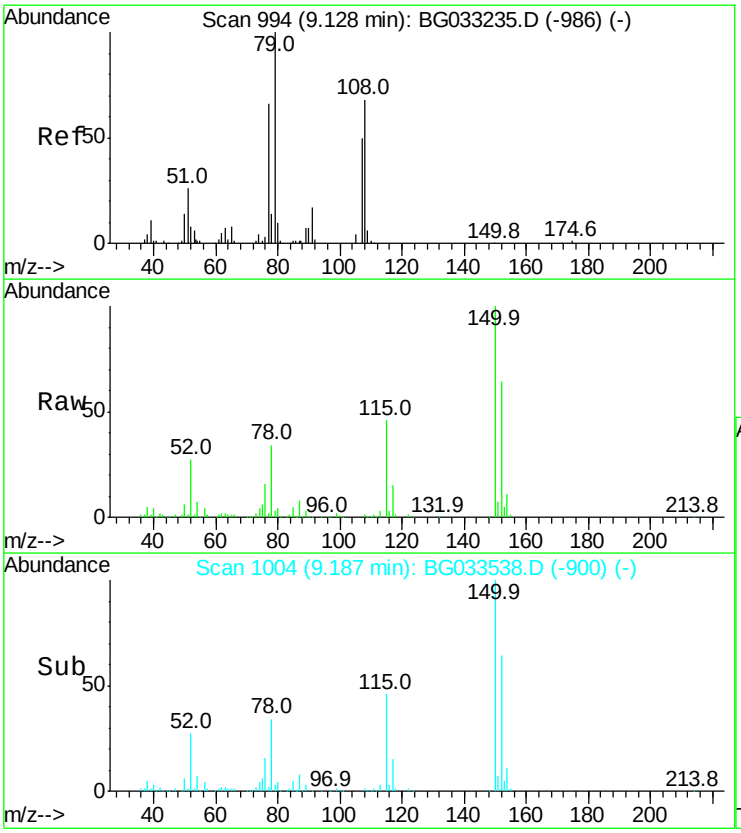
#7
Phenol-d6
Concen: 145.070 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 447935

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.1	21.1
71	41.1	26.1	39.1#

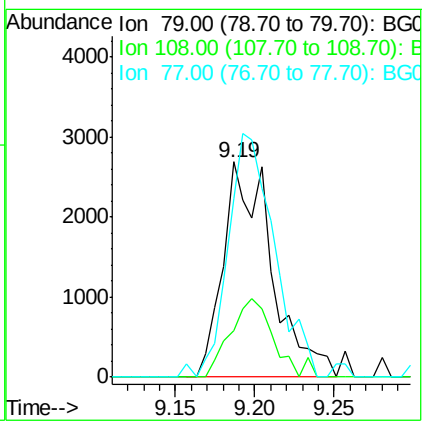


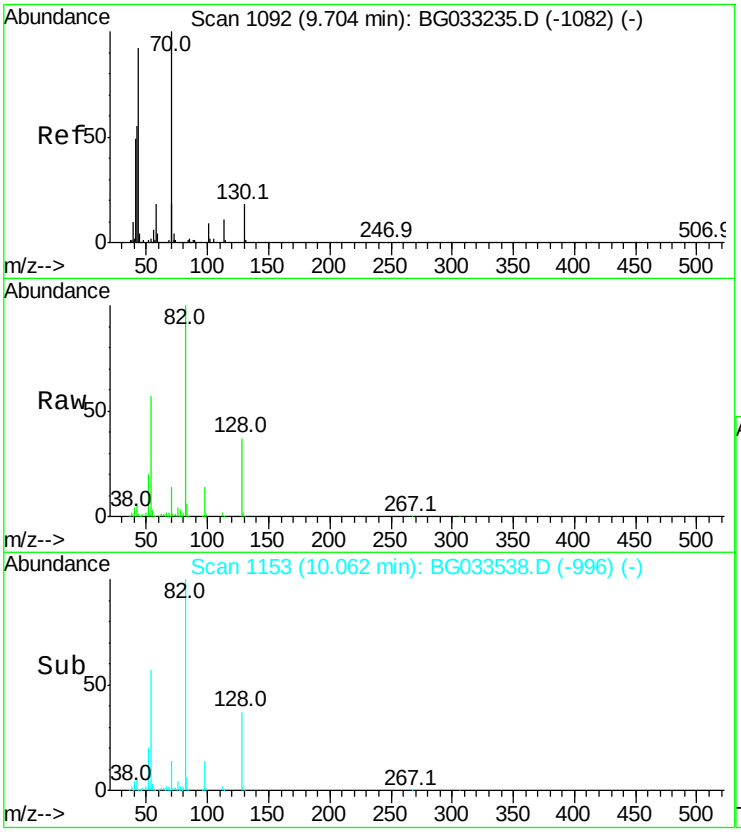


#15
Benzyl Alcohol
Concen: 2.338 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.08 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion: 79 Resp: 5683

Ion	Ratio	Lower	Upper
79	100		
108	21.9	57.2	85.8#
77	82.9	46.1	69.1#



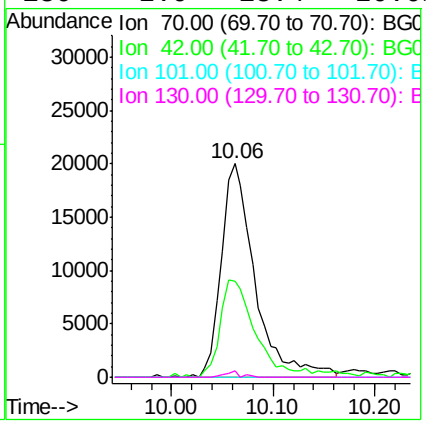


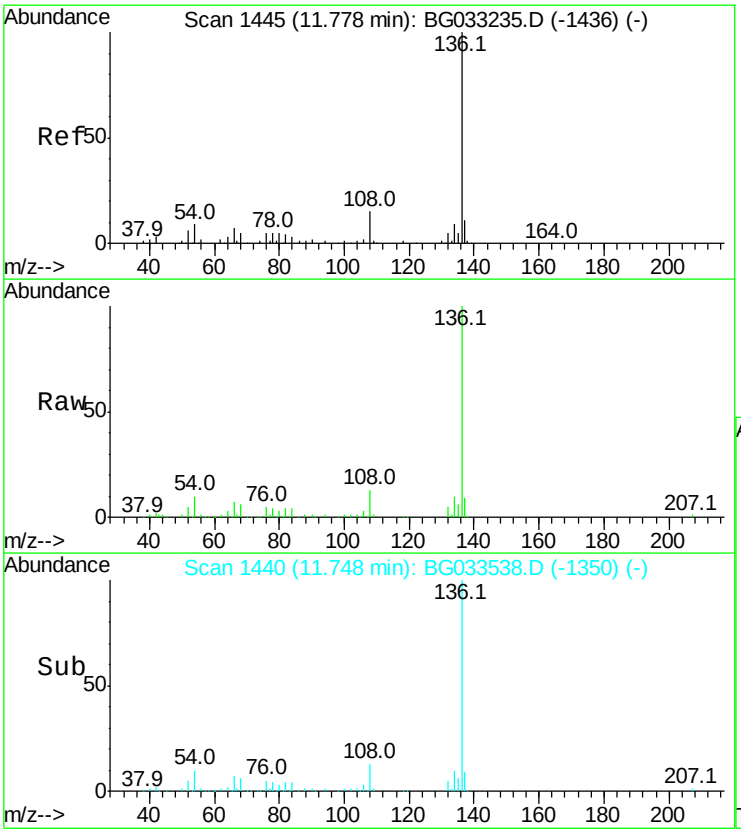
#19
n-Nitroso-di-n-propylamine
Concen: 20.363 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 46073

Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#

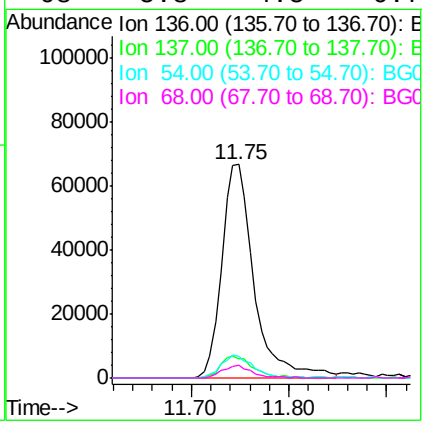


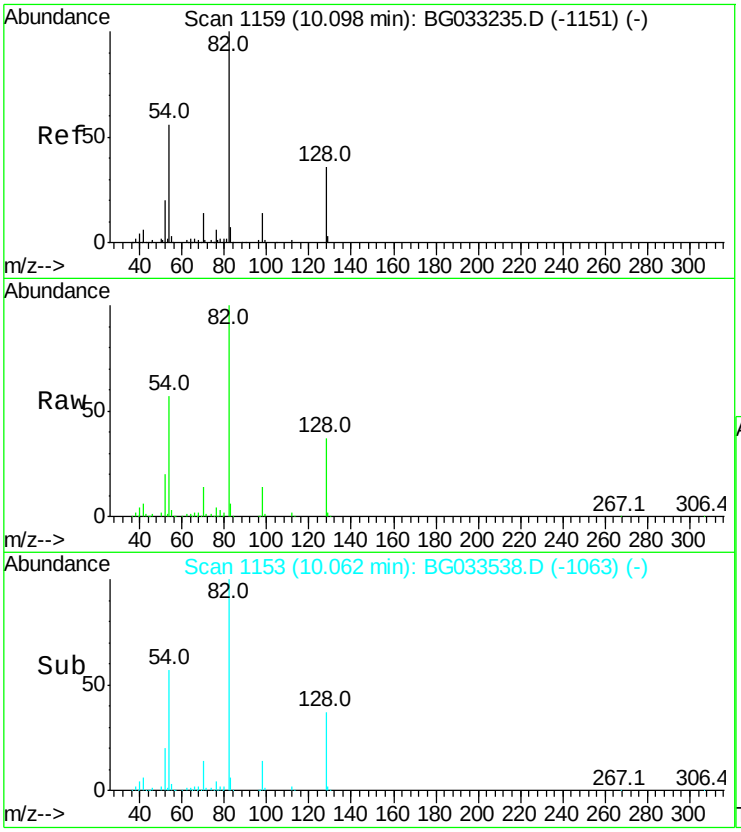


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:136 Resp: 153226

Ion	Ratio	Lower	Upper
136	100		
137	8.9	9.2	13.8#
54	10.0	10.3	15.5#
68	5.8	4.5	6.7



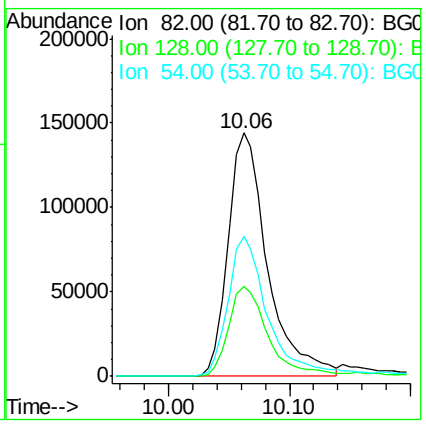


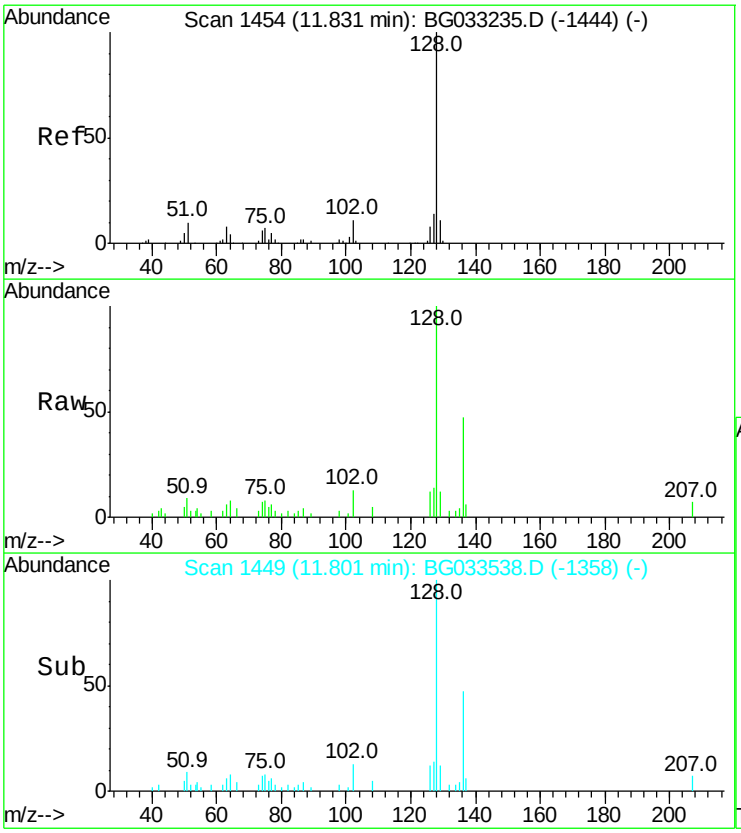
#23
Nitrobenzene-d5
Concen: 98.301 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 327838

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	57.4	43.1	64.7

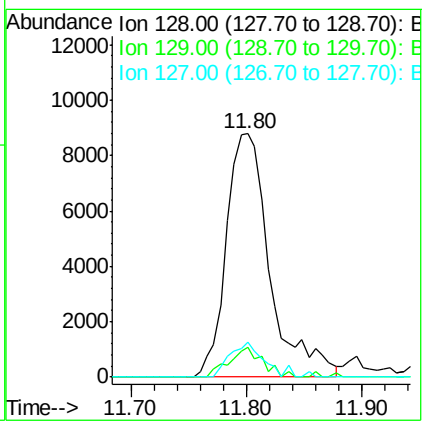


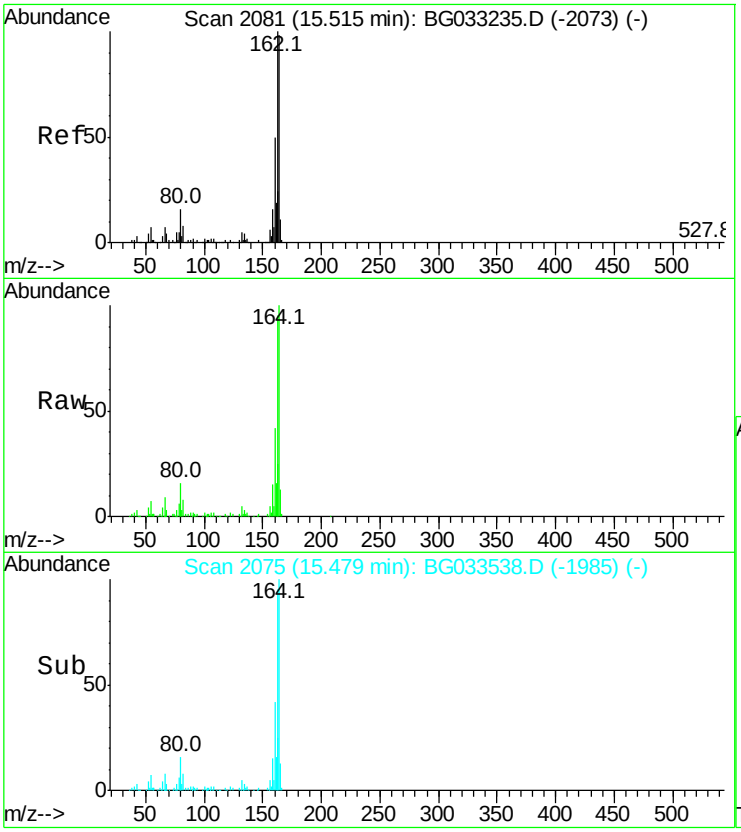


#31
Naphthalene
Concen: 2.900 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:128 Resp: 23027

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	14.3	11.6	17.4



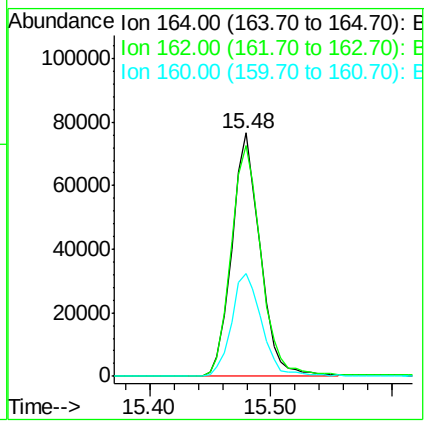


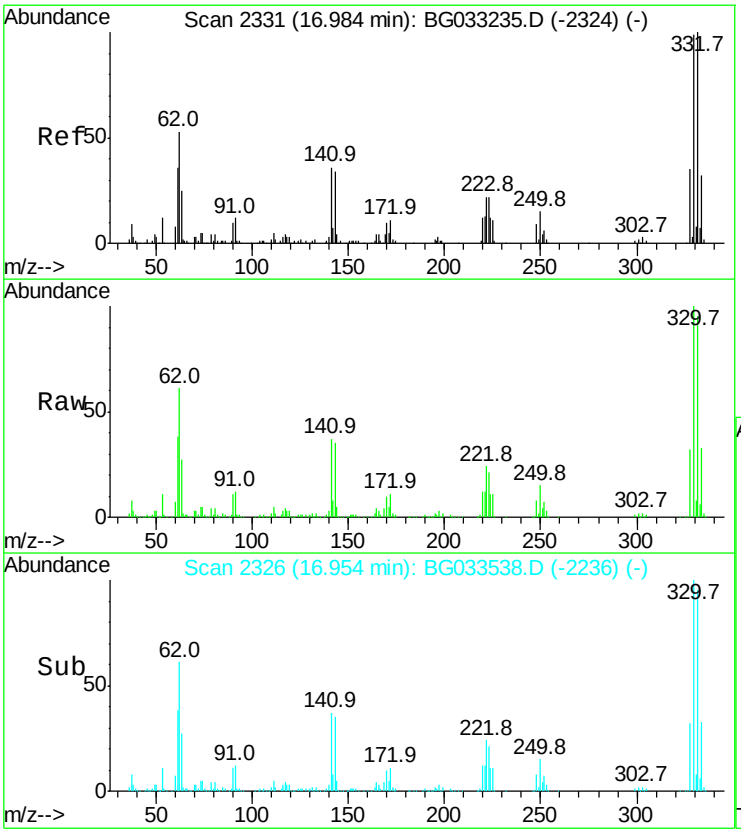
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 125730

Ion	Ratio	Lower	Upper
164	100		
162	95.0	78.8	118.2
160	42.0	35.4	53.0

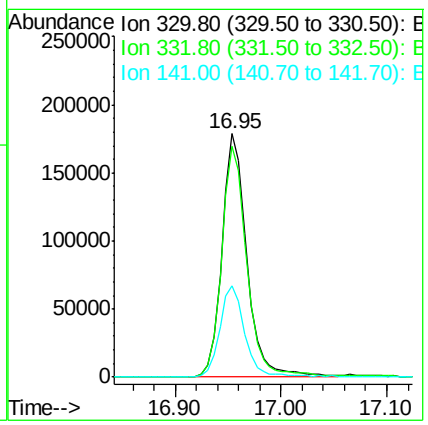


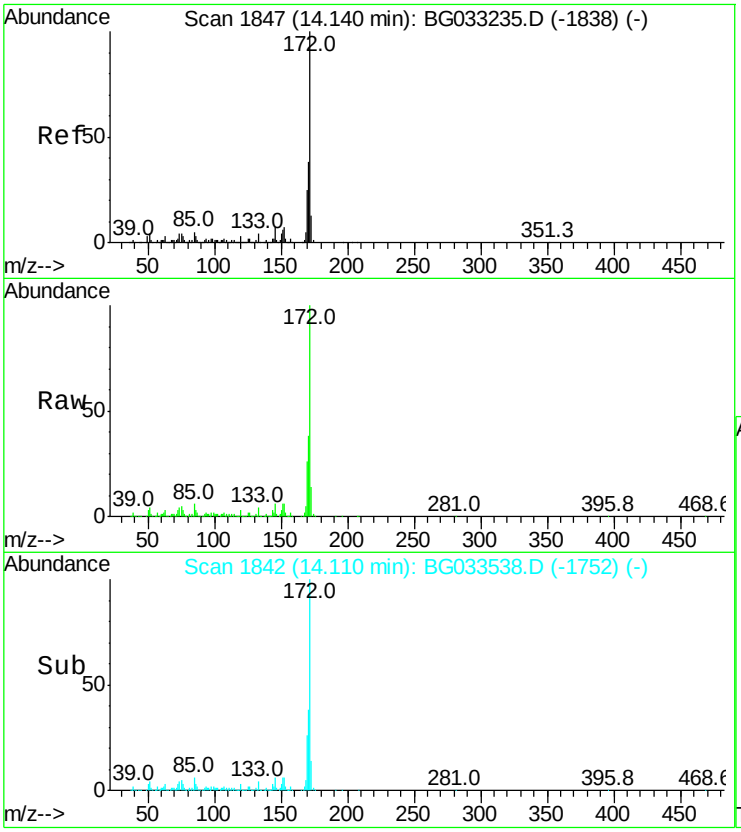


#41
2,4,6-Tribromophenol
Concen: 155.299 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:330 Resp: 292030

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	38.2	25.2	37.8#



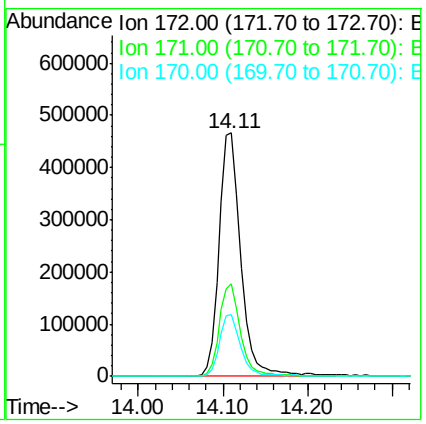


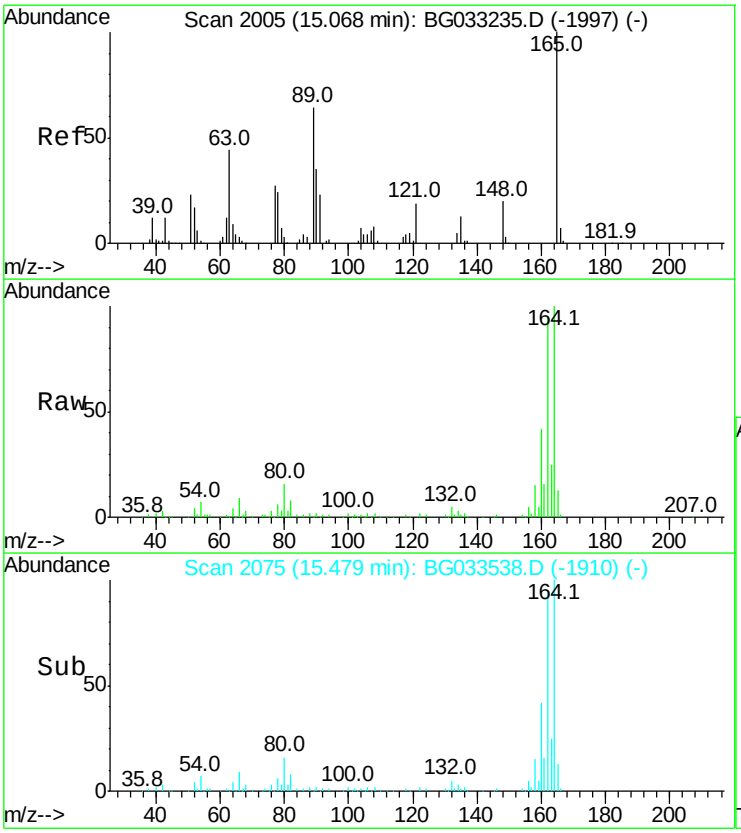
#44
2-Fluorobiphenyl
Concen: 96.011 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 836189

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.7	19.5	29.3

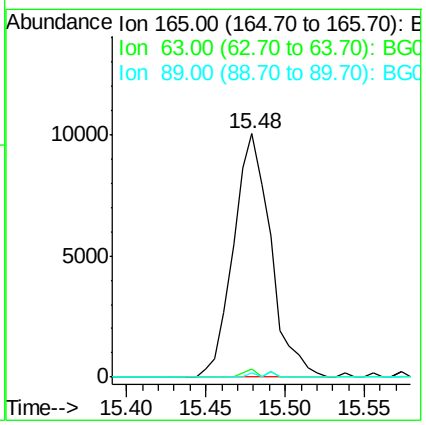


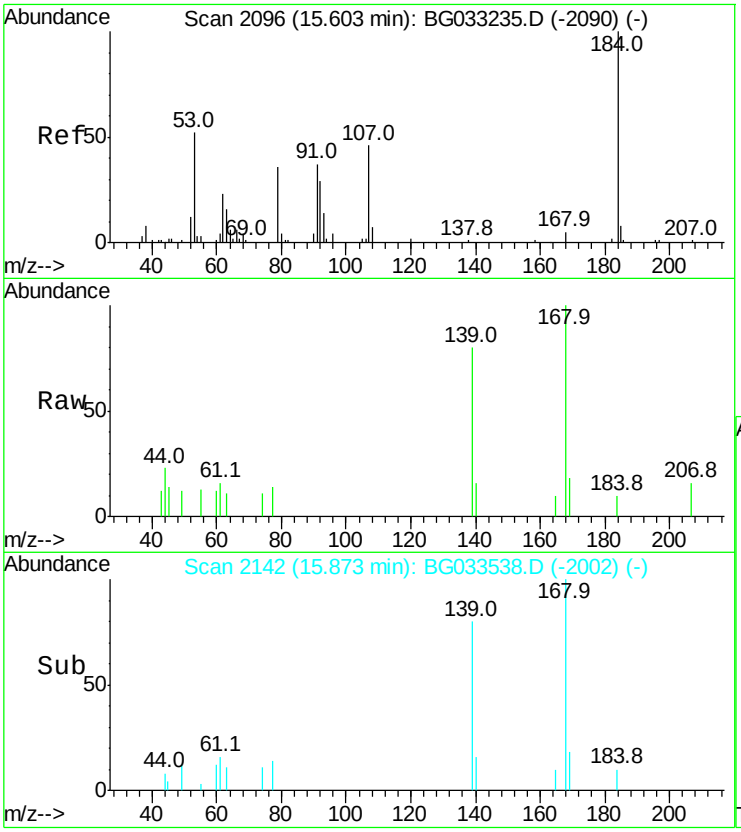


#50
2,6-Dinitrotoluene
Concen: 7.302 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:165 Resp: 16338

Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	1.5	49.2	73.8#



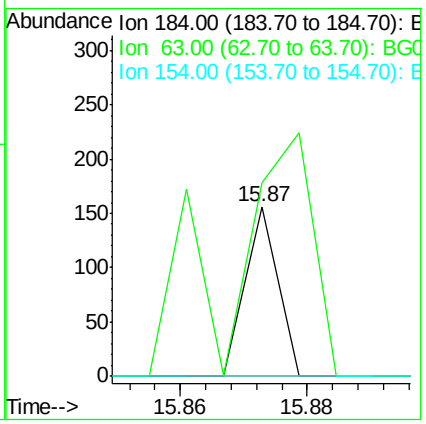


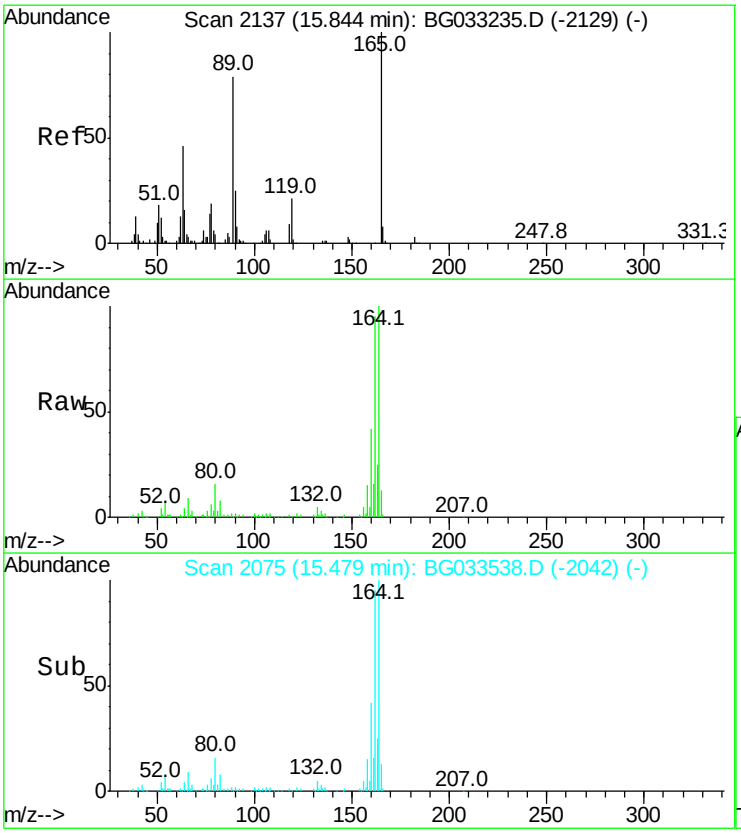
#53
2,4-Dinitrophenol
Concen: 7.686 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.29 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	114.1	59.8	89.8#
154	0.0	101.8	152.8#

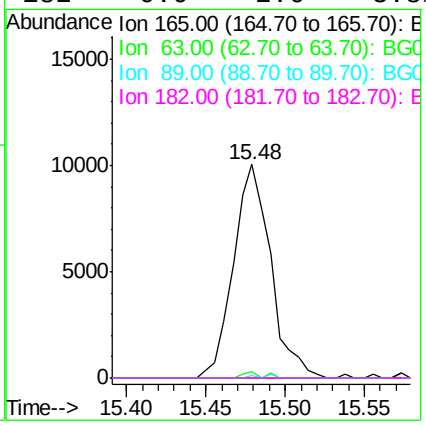


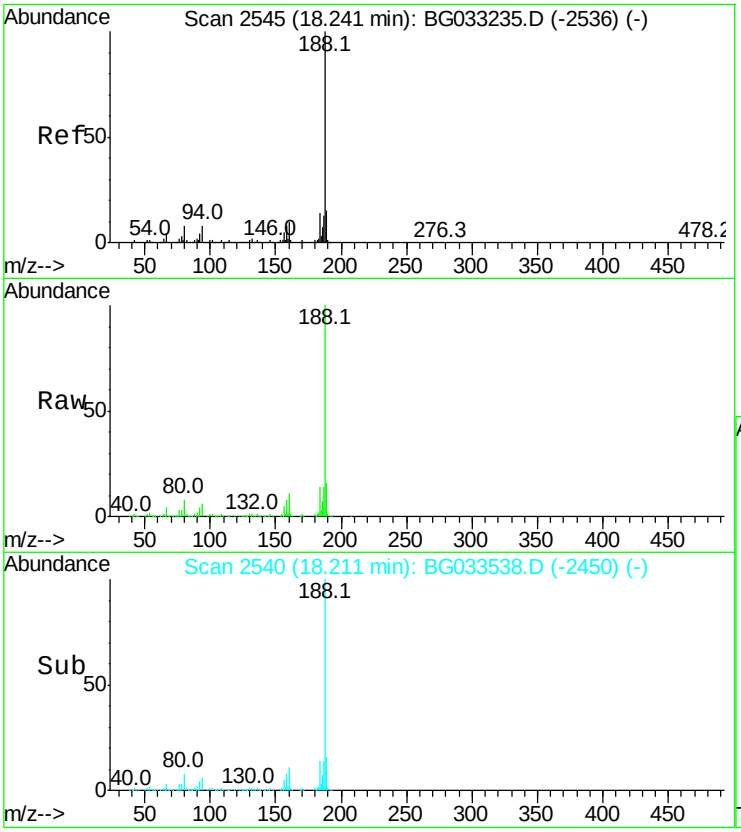


#56
2,4-Dinitrotoluene
Concen: 4.960 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:165 Resp: 16338

Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



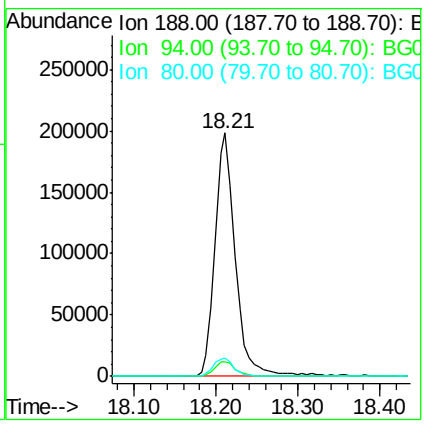


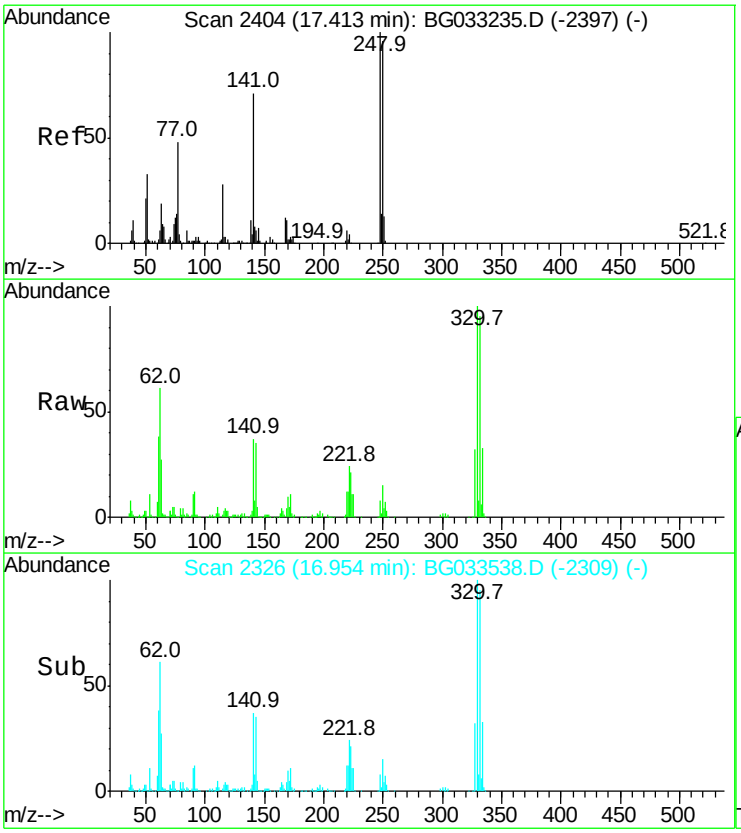
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 344623

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.7	7.7	11.5

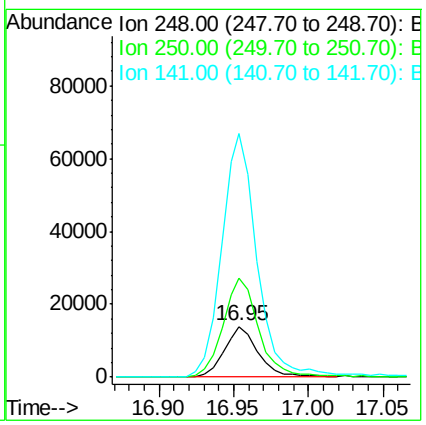


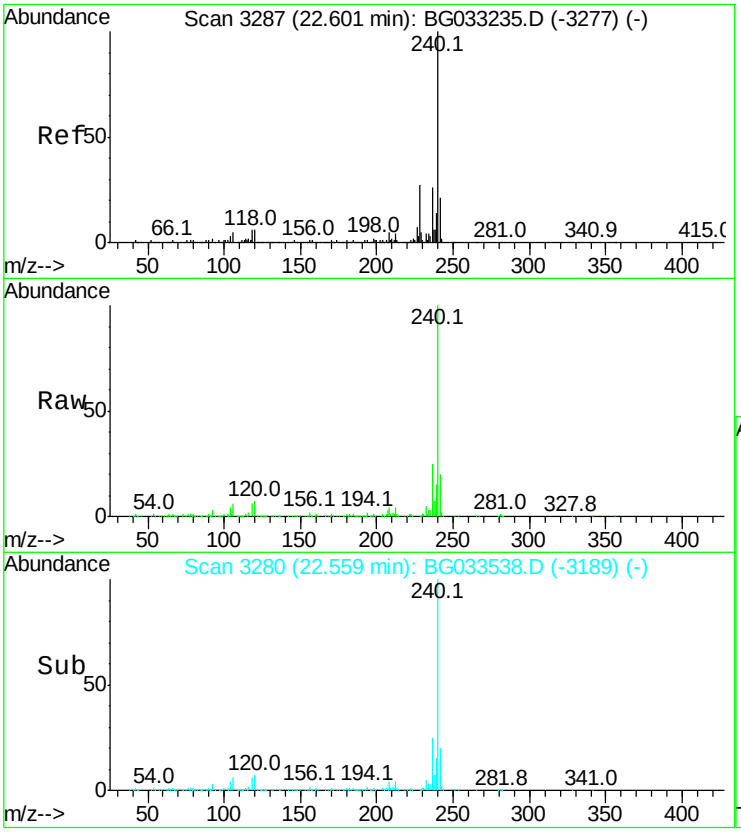


#66
4-Bromophenyl-phenylether
Concen: 5.446 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:248 Resp: 22042

Ion	Ratio	Lower	Upper
248	100		
250	195.9	77.1	115.7#
141	480.4	50.8	76.2#



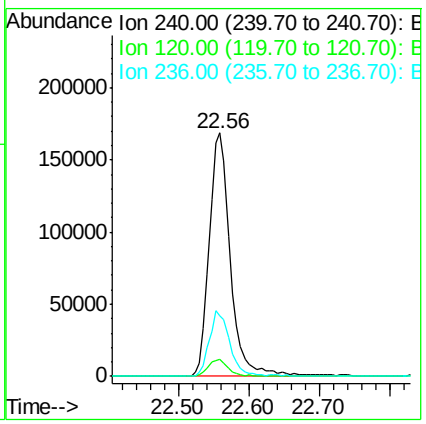


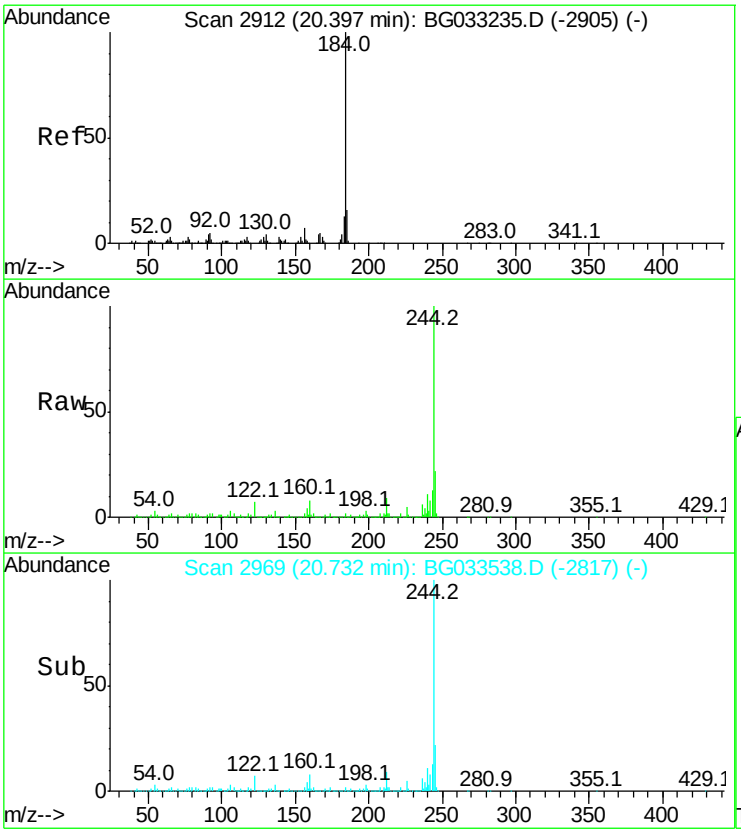
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 351595

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2#
236	24.8	20.9	31.3

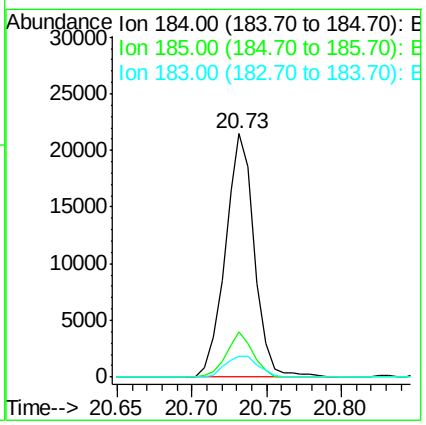


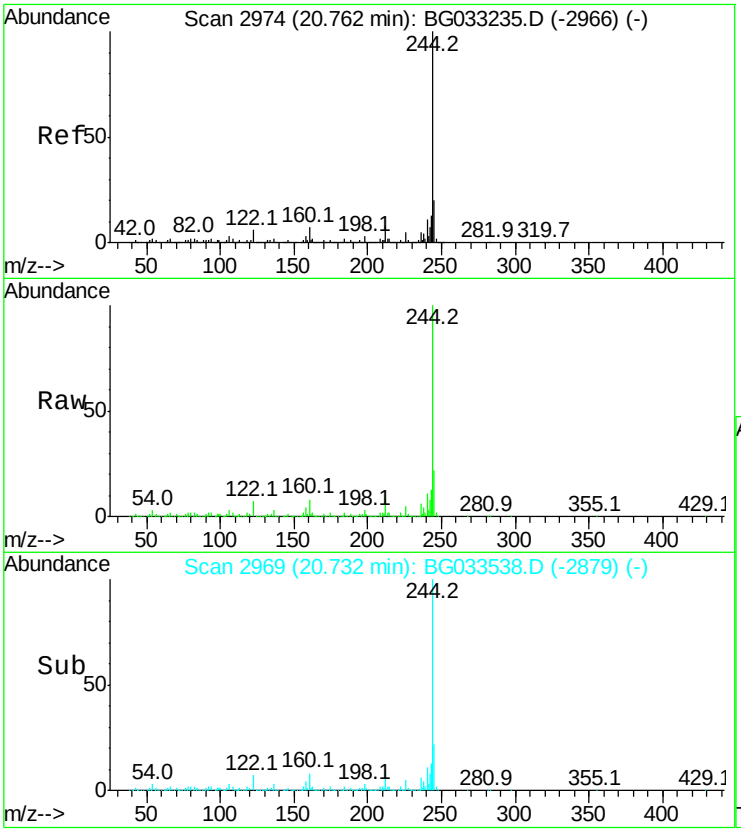


#76
Benzidine
Concen: 3.059 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:184 Resp: 29171

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.1	16.7#
183	8.8	10.6	16.0#



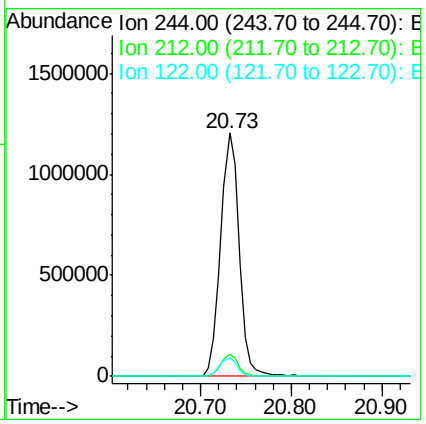


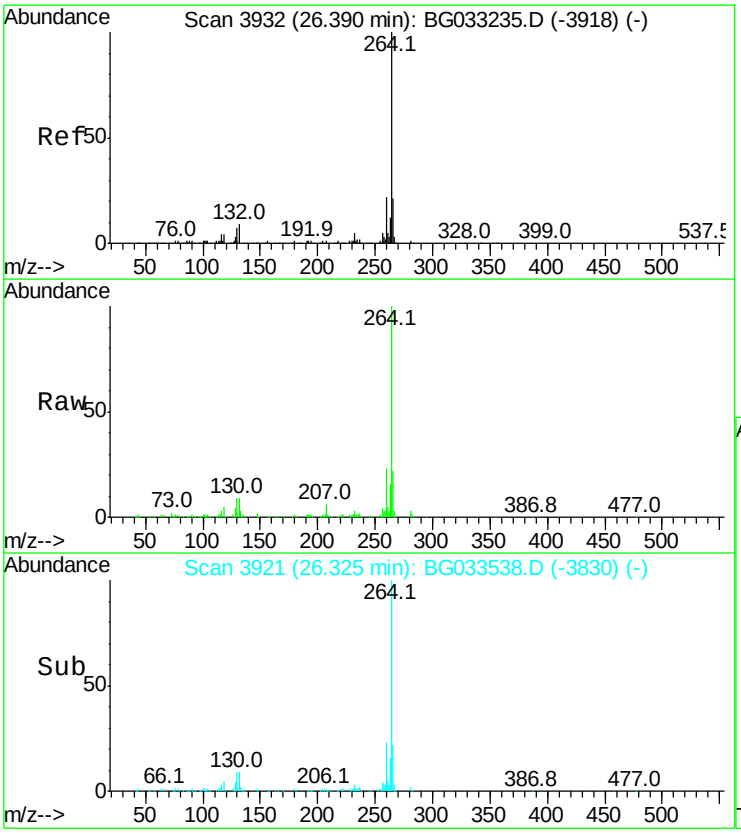
#78
Terphenyl-d14
Concen: 104.051 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1710639

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion:264 Resp: 318889

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.1	17.7	26.5