Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033831.D
Acq On : 17 Apr 2018 1:39
Operator : SJ/JU
Sample : J2391-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 17 04:08:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	22625	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110583	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93680	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	277695	20.00	ng	0.00
75) Chrysene-d12	22.55	240	296400	20.00	ng	0.00
86) Perylene-d12	26.31	264	315920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	41138	34.09	ng	0.00
7) Phenol-d6	8.01	99	12075	5.82	ng	0.02
23) Nitrobenzene-d5	10.06	82	246837	102.55	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	151825	108.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	685969	105.71	ng	0.00
78) Terphenyl-d14	20.72	244	1413404	101.98	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.19	79	4426	2.712	ng	# 40
19) n-Nitroso-di-n-propylamine	10.07	70	18978	12.493	ng	# 71
50) 2,6-Dinitrotoluene	15.47	165	11325	6.794	ng	# 18
53) 2,4-Dinitrophenol	15.99	184	59	7.705	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	11324	4.614	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	11993	3.677	ng	# 1
76) Benzidine	20.73	184	24484	3.046	ng	# 93

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

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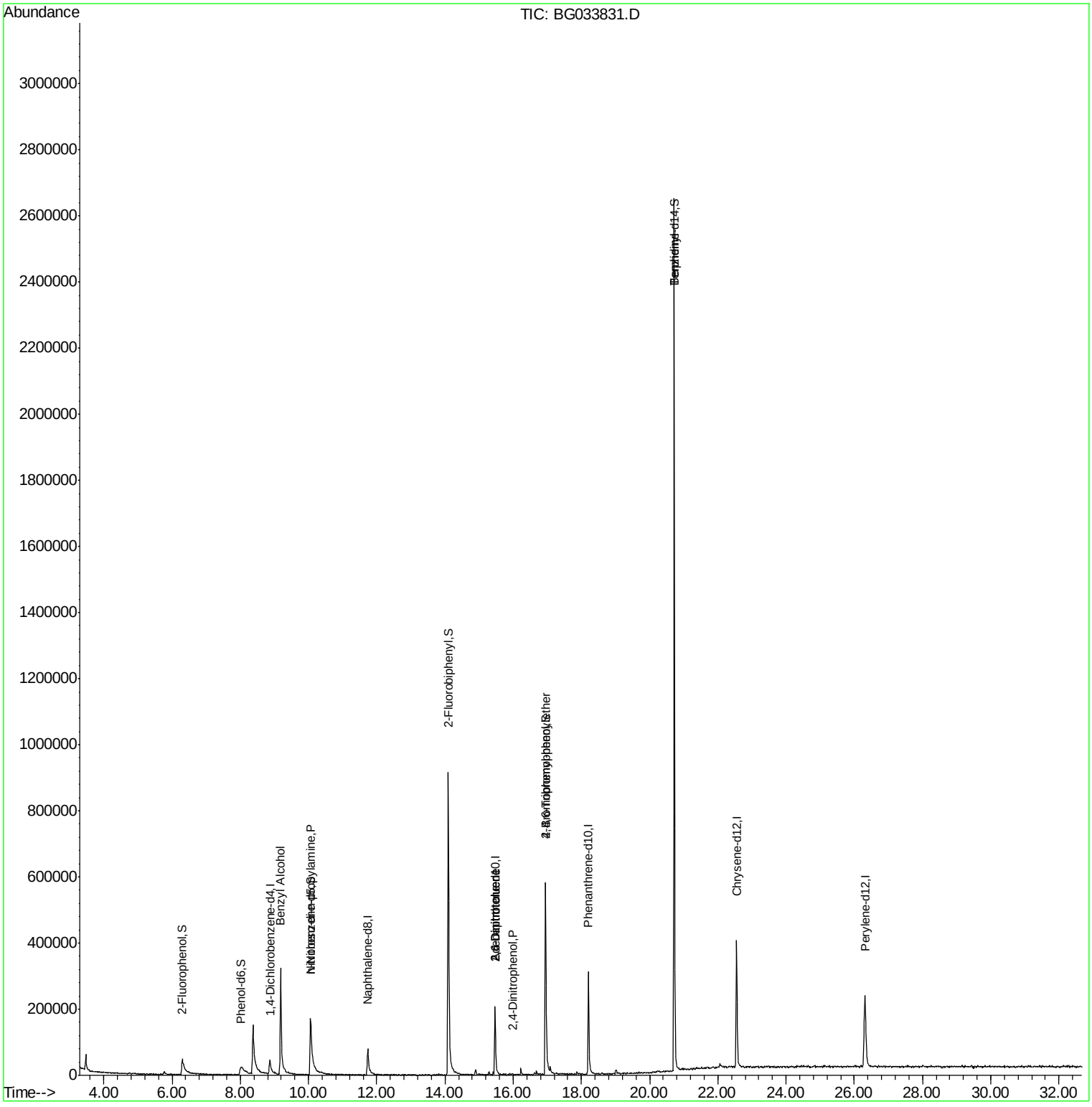
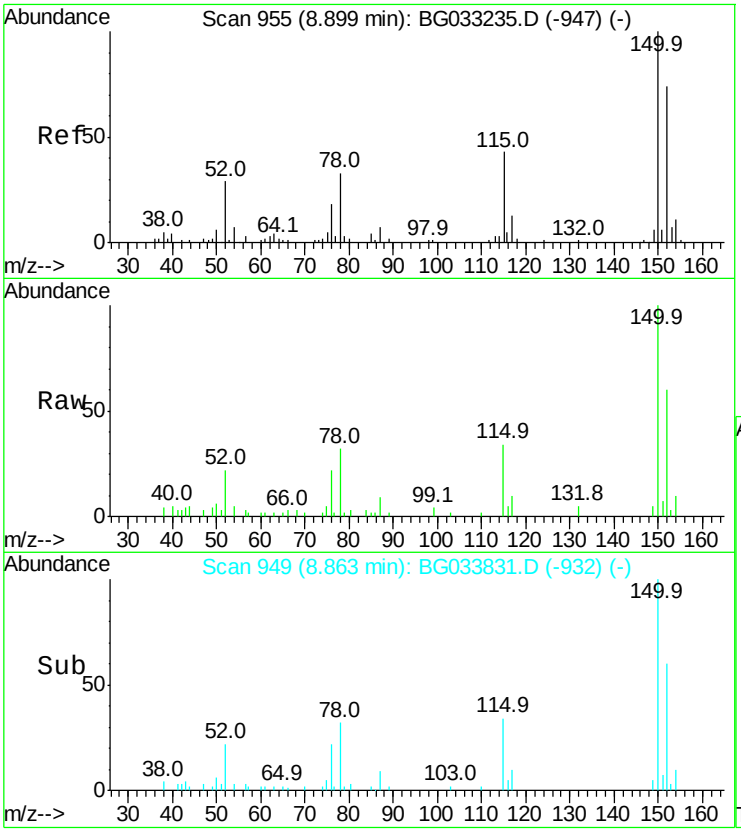


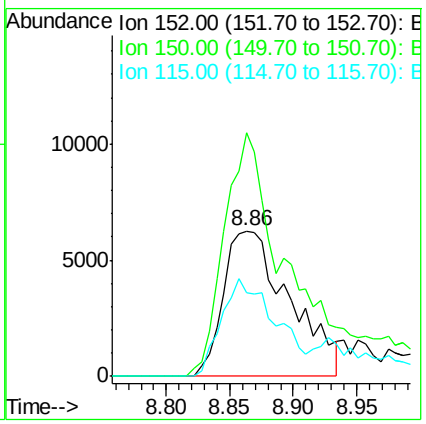


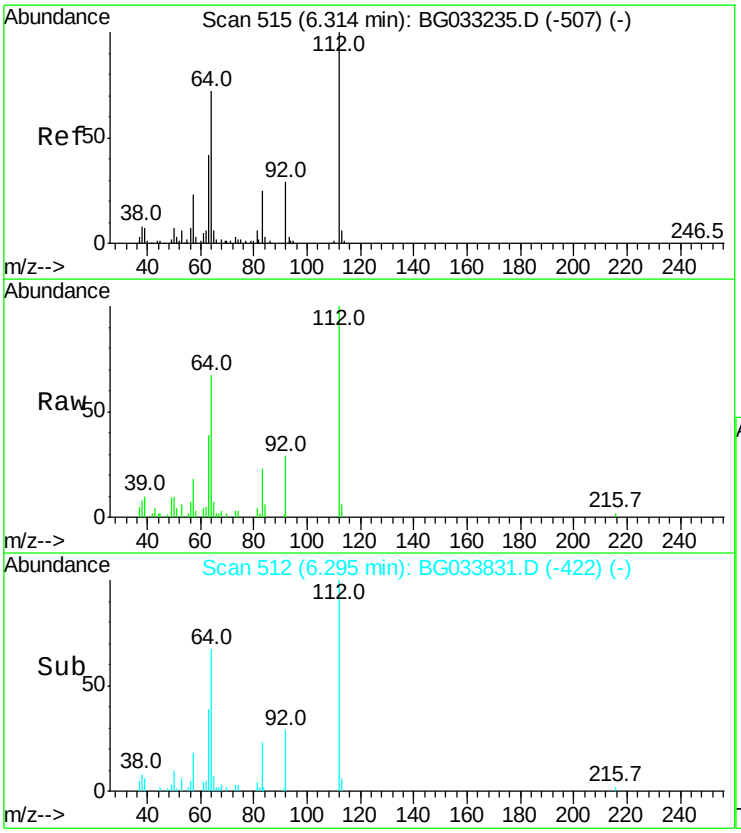
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22625

Ion	Ratio	Lower	Upper
152	100		
150	167.7	126.6	189.8
115	57.1	53.0	79.4

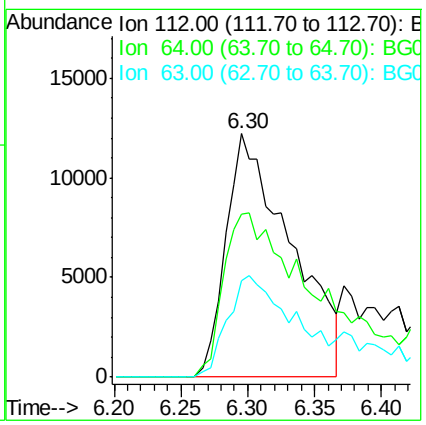


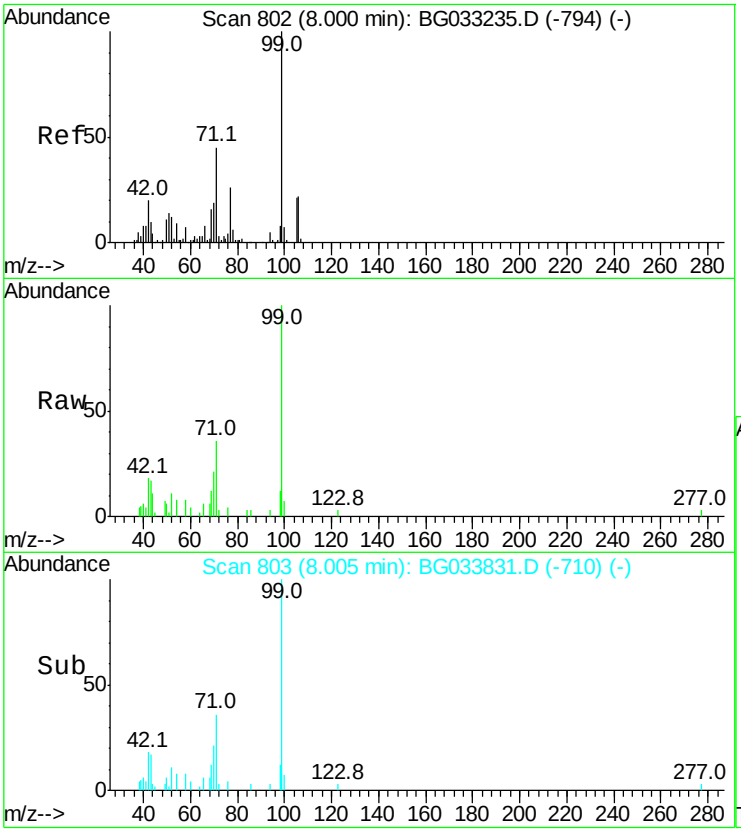


#5
2-Fluorophenol
Concen: 34.094 ng
RT: 6.30 min Scan# 512
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:112 Resp: 41138

Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.3	84.5
63	39.4	30.1	45.1



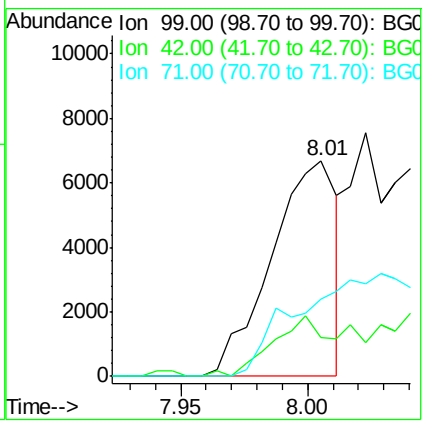


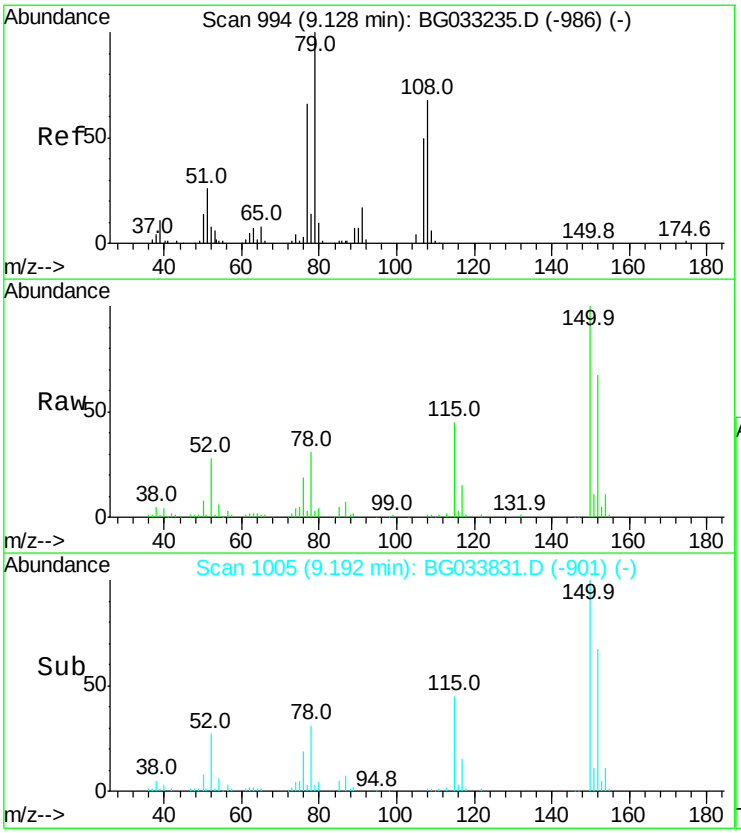
#7
Phenol-d6
Concen: 5.824 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.02 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 12075

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	35.6	26.1	39.1

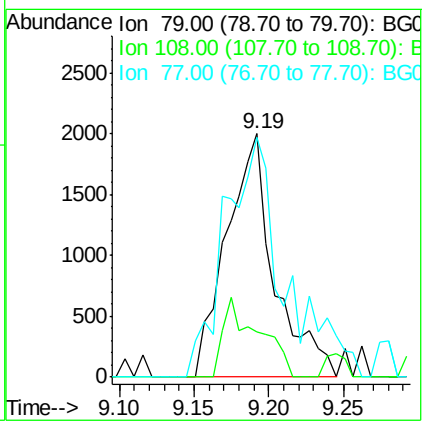


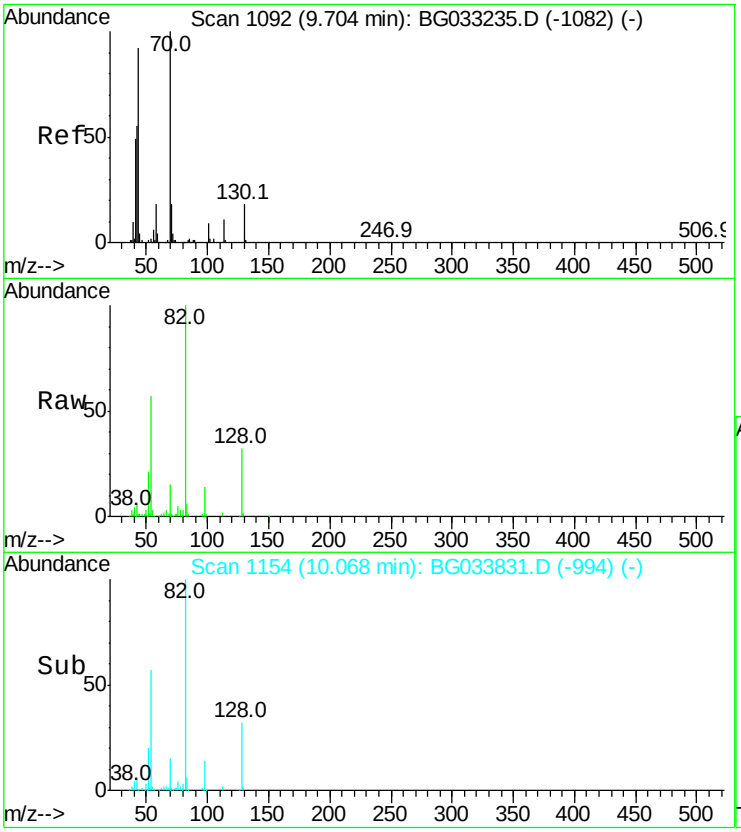


#15
Benzyl Alcohol
Concen: 2.712 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.08 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion: 79 Resp: 4426

Ion	Ratio	Lower	Upper
79	100		
108	18.7	57.2	85.8#
77	98.7	46.1	69.1#



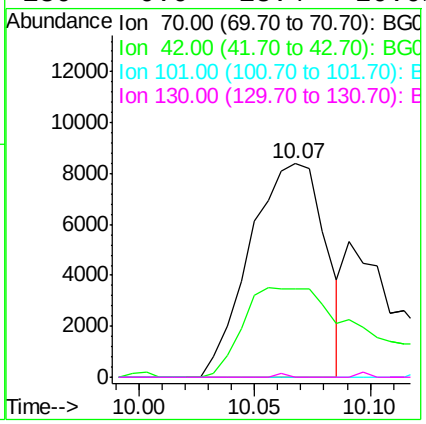


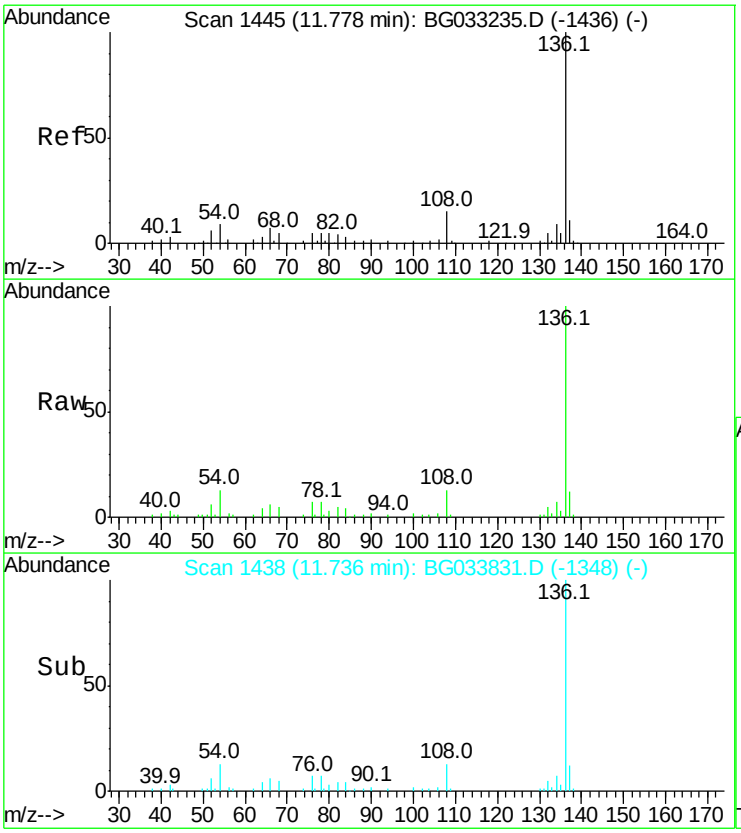
#19
n-Nitroso-di-n-propylamine
Concen: 12.493 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.41 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 18978

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

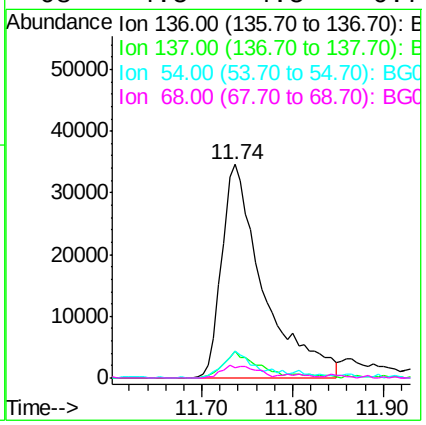


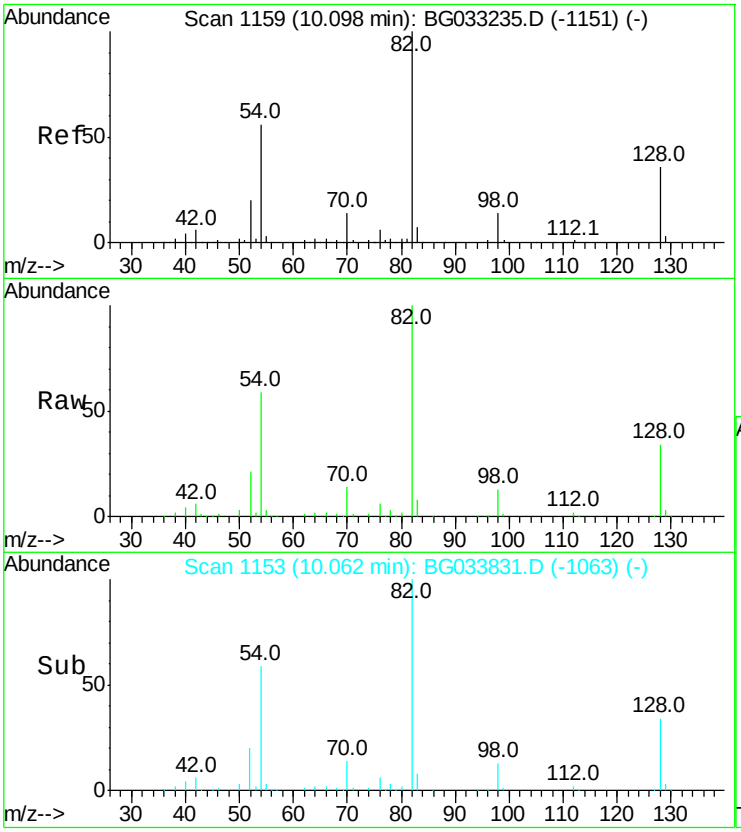


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:136 Resp: 110583

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	12.7	10.3	15.5
68	4.5	4.5	6.7



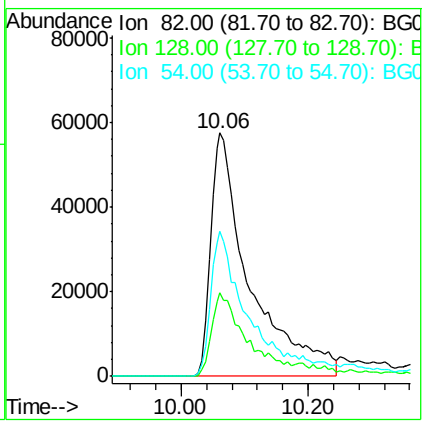


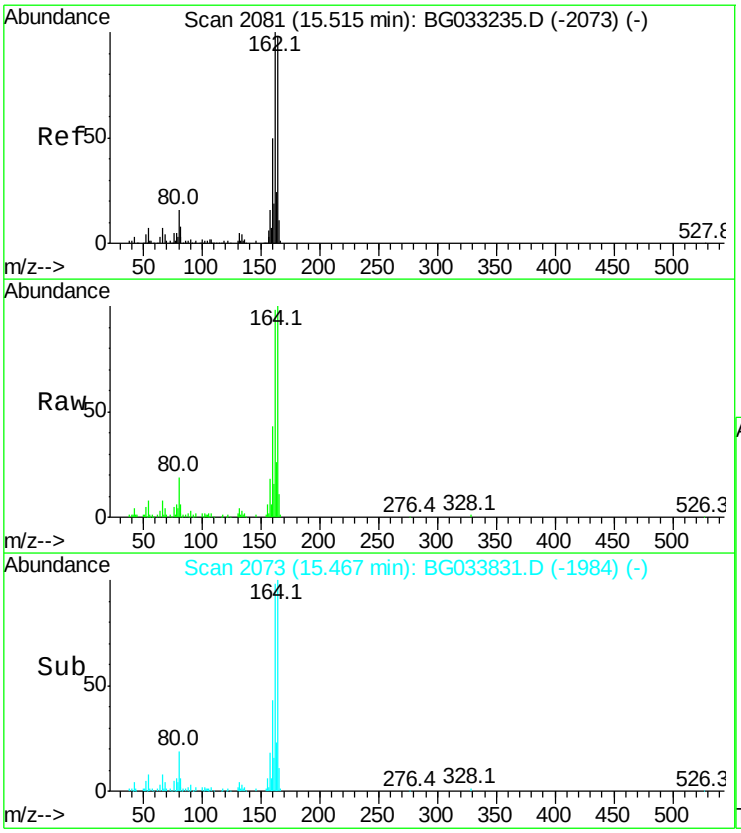
#23
Nitrobenzene-d5
Concen: 102.554 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 246837

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	59.4	43.1	64.7

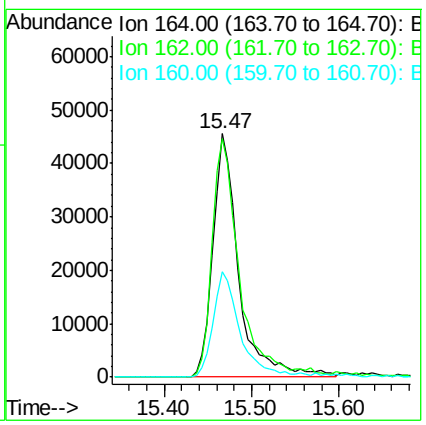


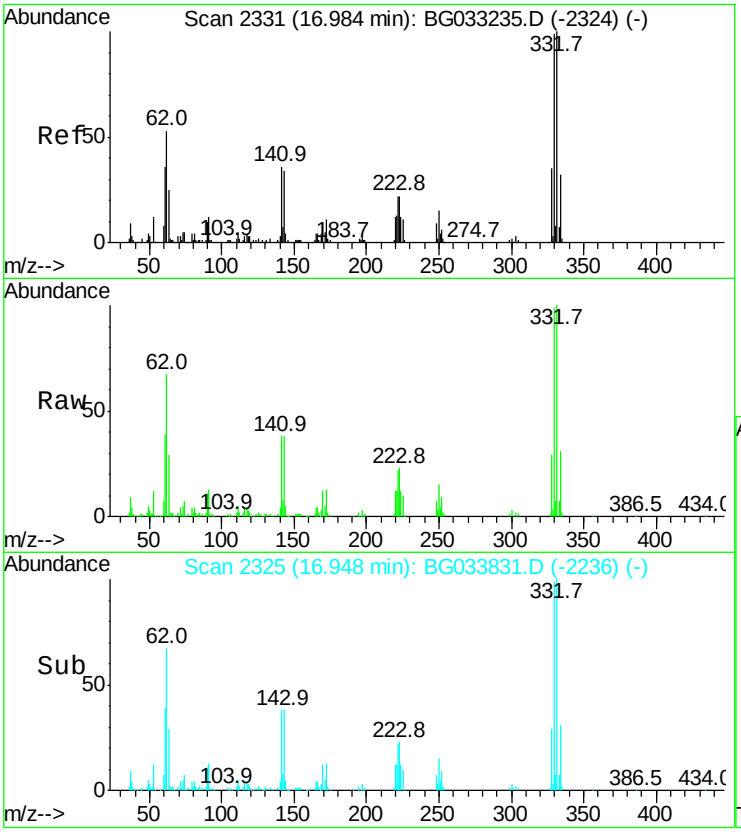


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:164 Resp: 93680

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	43.5	35.4	53.0



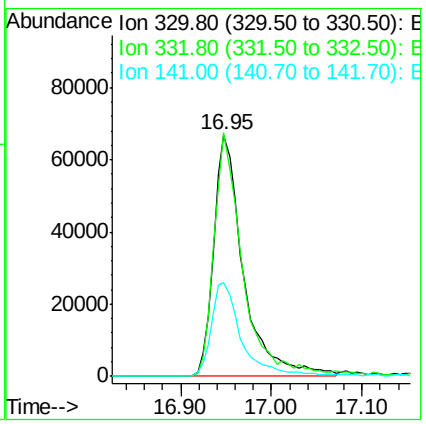


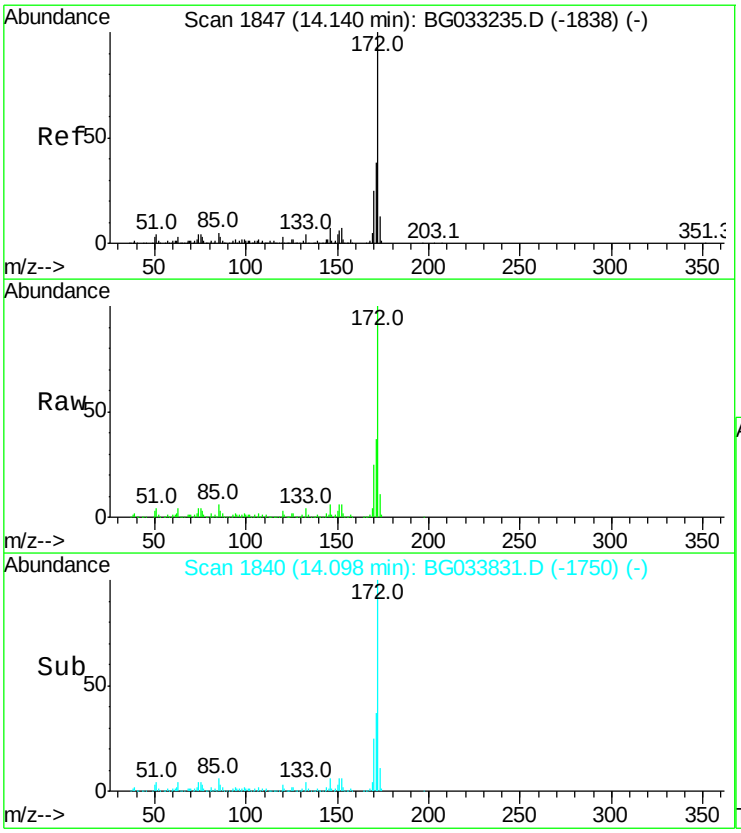
#41
2,4,6-Tribromophenol
Concen: 108.362 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 151825

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.1	25.2	37.8#

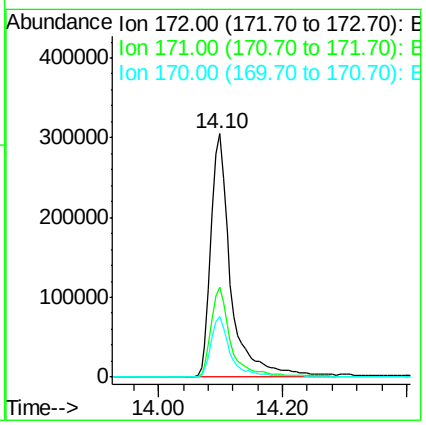


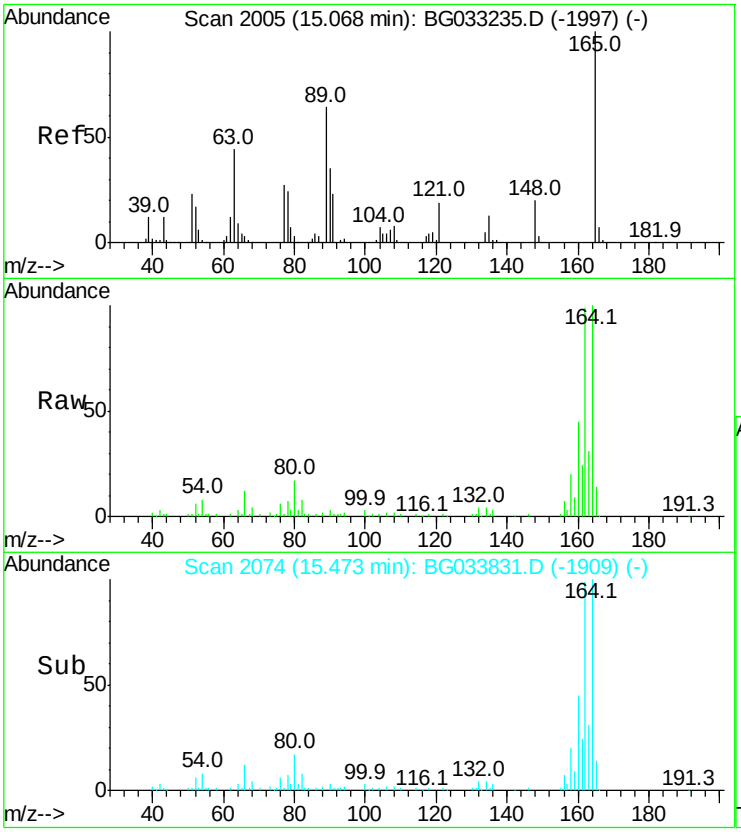


#44
2-Fluorobiphenyl
Concen: 105.710 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:172 Resp: 685969

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.9	19.5	29.3



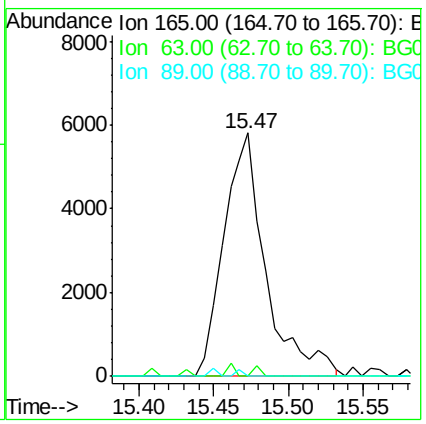


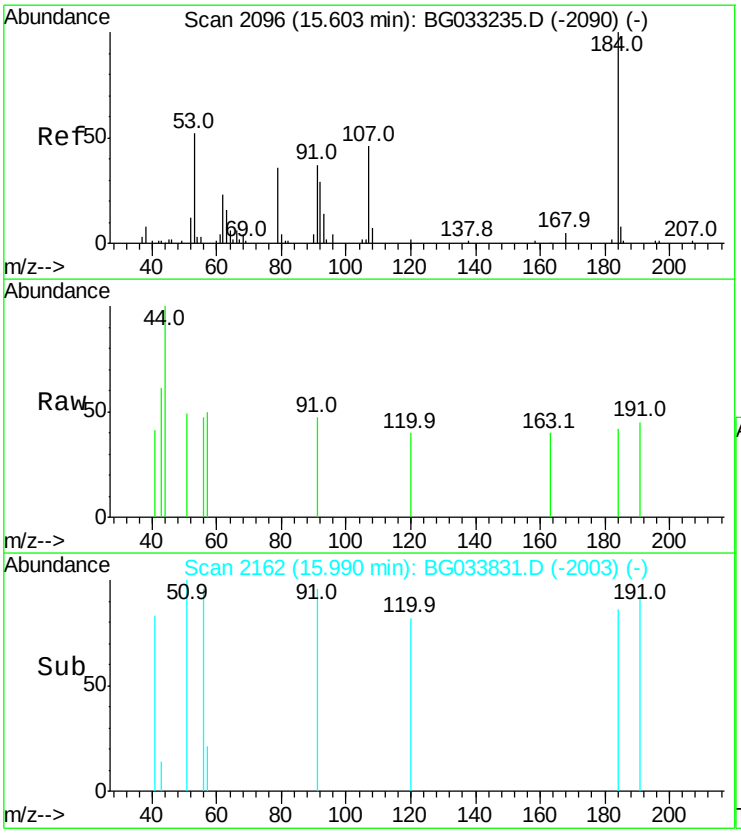
#50
2,6-Dinitrotoluene
Concen: 6.794 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11325

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

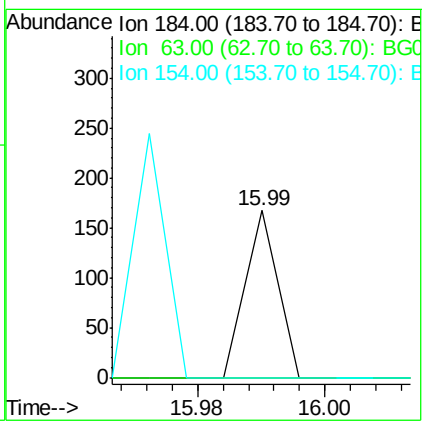


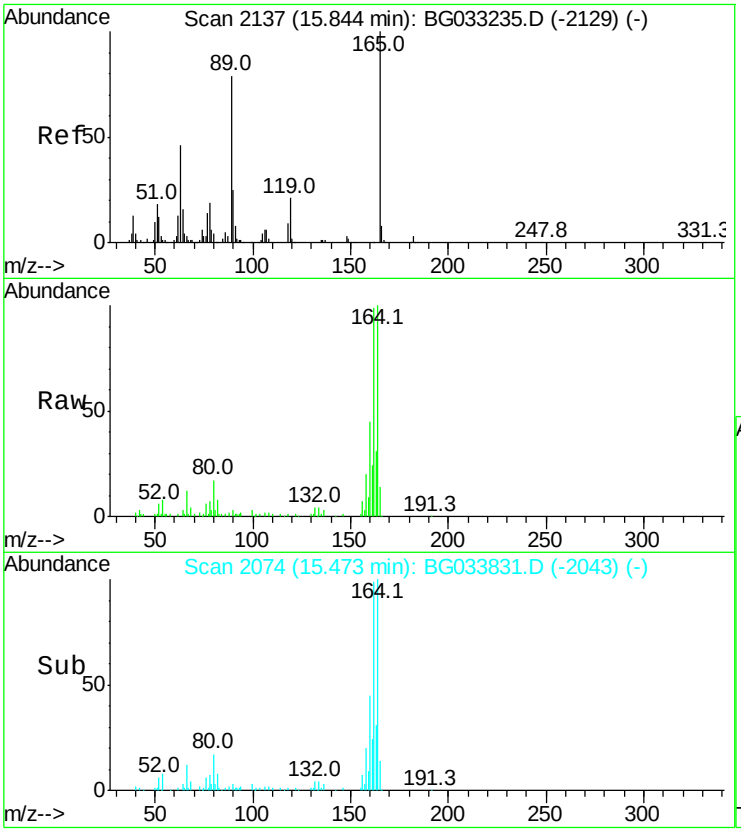


#53
2,4-Dinitrophenol
Concen: 7.705 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.40 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:184 Resp: 59

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



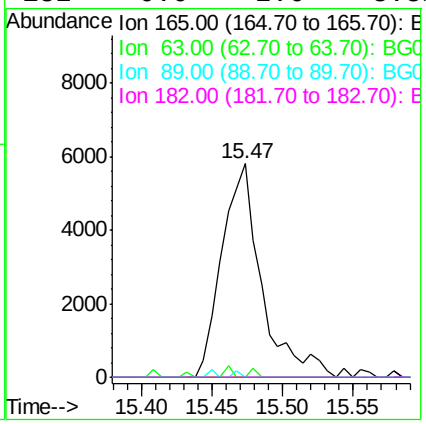


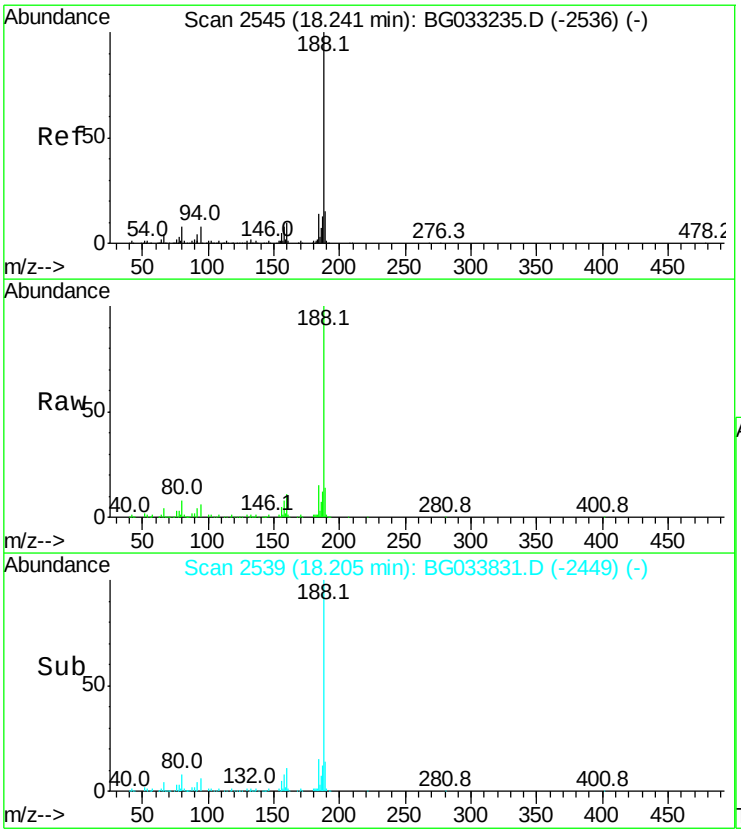
#56
2,4-Dinitrotoluene
Concen: 4.614 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.35 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11324

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

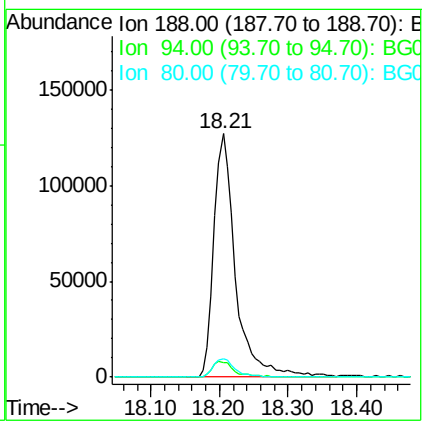


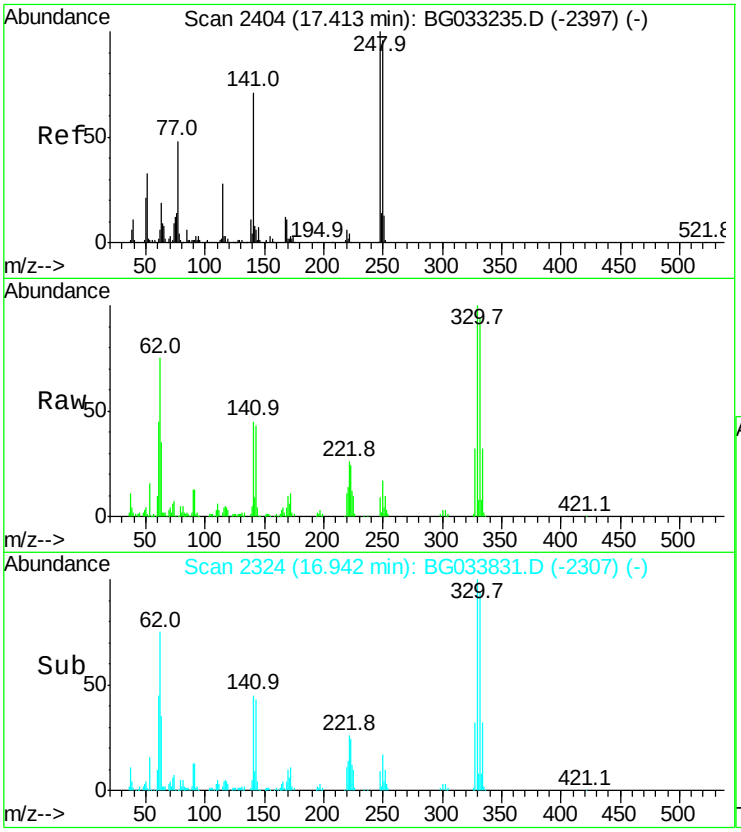


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:188 Resp: 277695

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.8	7.7	11.5



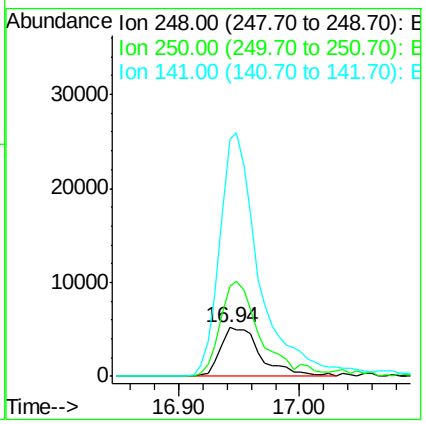


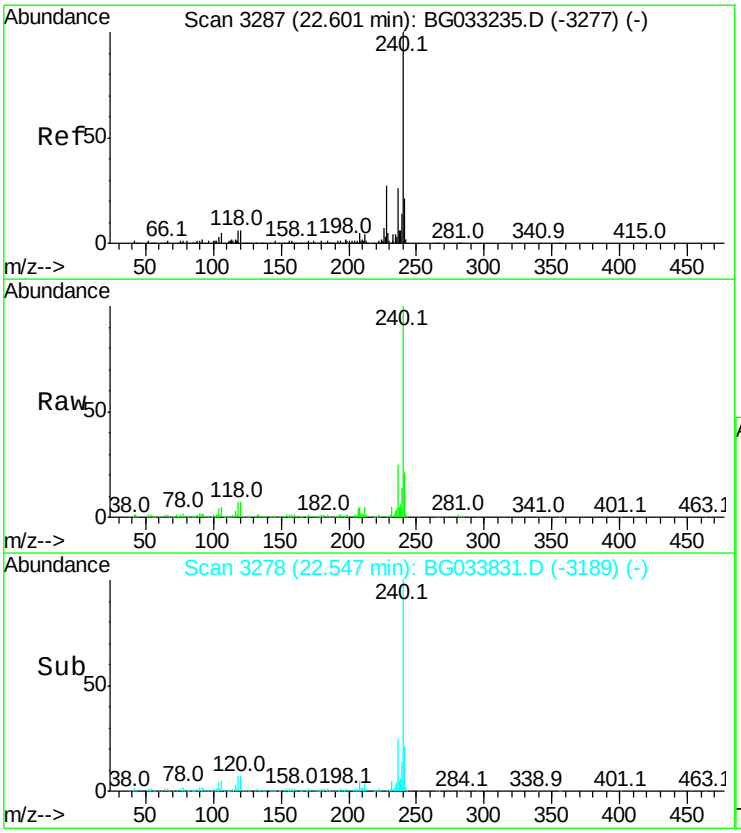
#66
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11993

Ion	Ratio	Lower	Upper
248	100		
250	148.4	77.1	115.7#
141	391.9	50.8	76.2#

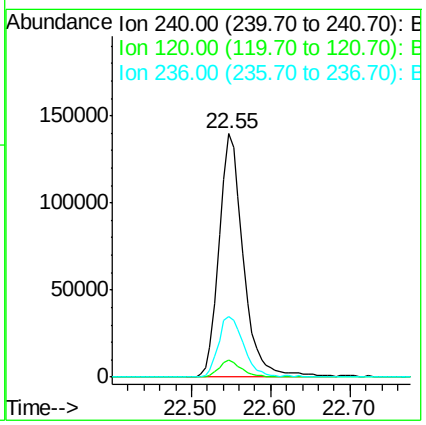


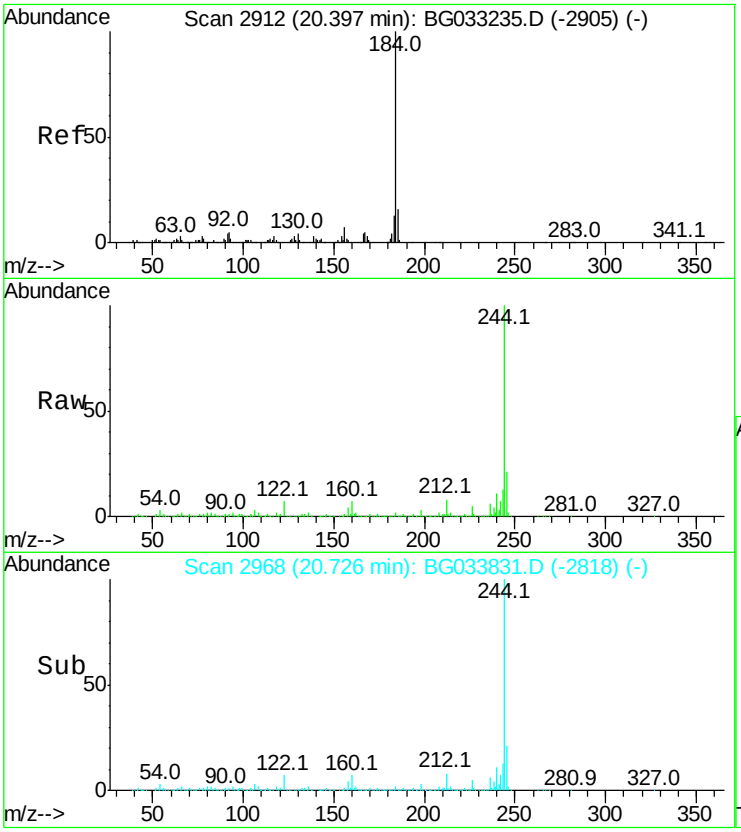


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:240 Resp: 296400

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2#
236	25.0	20.9	31.3



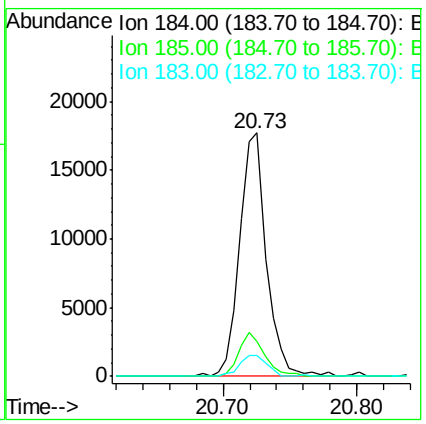


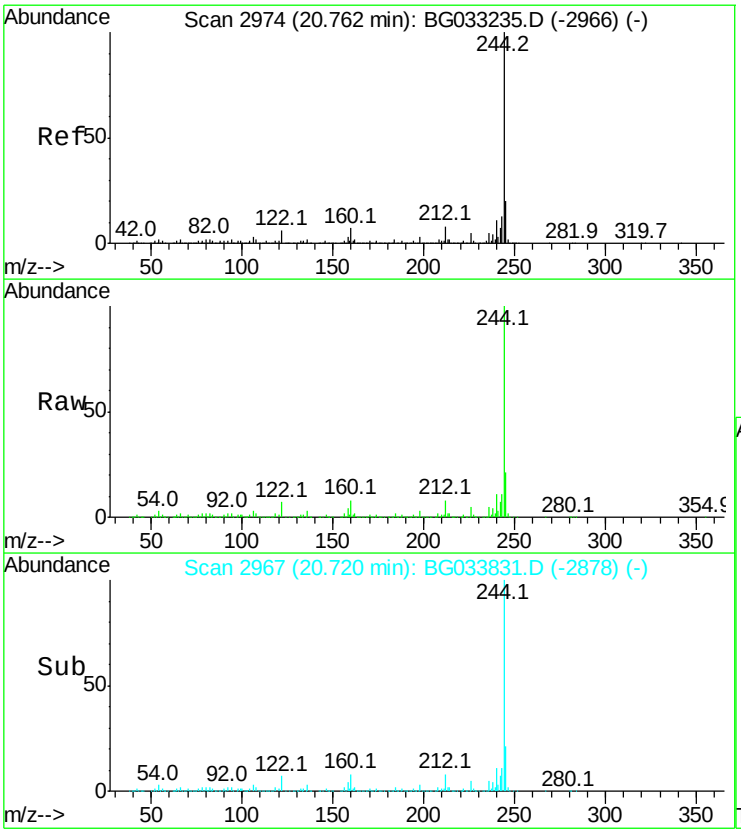
#76
Benzidine
Concen: 3.046 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.35 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24484

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	8.4	10.6	16.0#

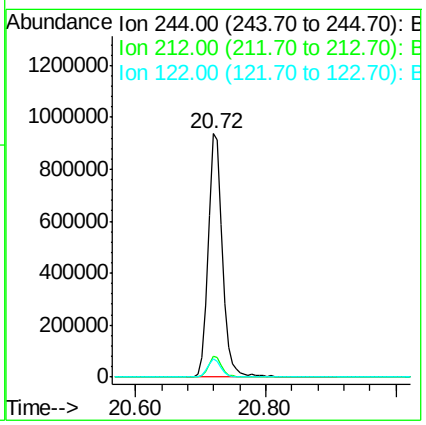


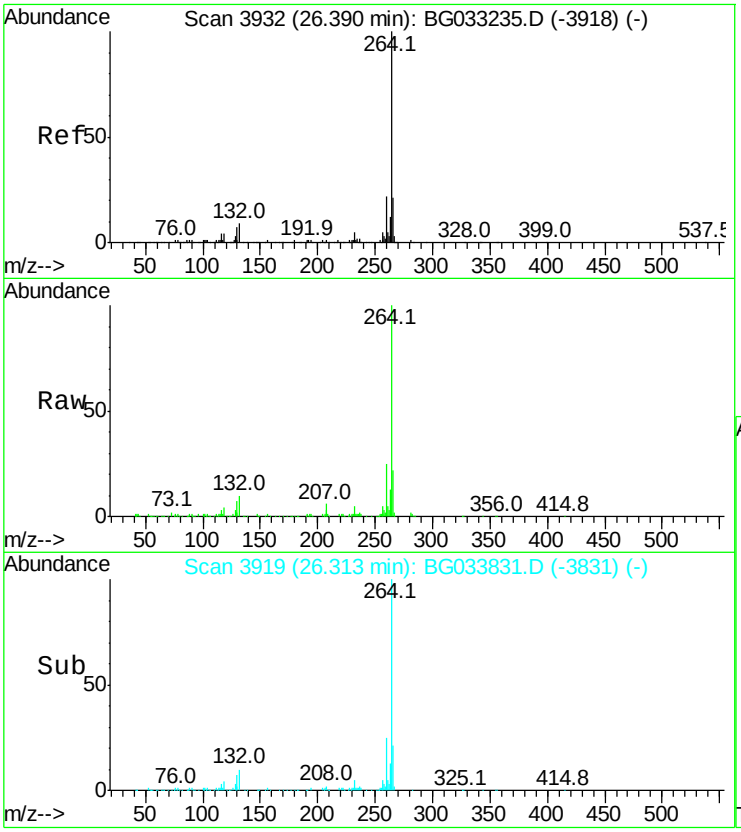


#78
Terphenyl-d14
Concen: 101.981 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Tgt Ion:244 Resp: 1413404

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033831.D
Acq: 17 Apr 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 315920

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.5	17.7	26.5