Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033822.D
Acq On : 16 Apr 2018 18:44
Operator : SJ/JU
Sample : J2391-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 17 04:03:23 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	8.87	152	22781	20.00	ng		0.00
21) Naphthalene-d8	11.73	136	112337	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	89373	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	250828	20.00	ng		0.00
75) Chrysene-d12	22.55	240	279055	20.00	ng		0.00
86) Perylene-d12	26.32	264	295698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	31947	26.30	ng		0.00
7) Phenol-d6	8.03	99	19248	9.22	ng		0.04
23) Nitrobenzene-d5	10.06	82	204454	83.62	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	128845	96.39	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	594009	95.95	ng		0.00
78) Terphenyl-d14	20.72	244	1302455	99.82	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.18	79	3924	2.388	ng	#	23
19) n-Nitroso-di-n-propylamine	10.06	70	25004	16.347	ng	#	82
49) Dimethylphthalate	14.89	163	20685	2.659	ng		96
50) 2,6-Dinitrotoluene	15.47	165	11268	7.085	ng	#	18
53) 2,4-Dinitrophenol	15.93	184	100	7.753	ng	#	28
56) 2,4-Dinitrotoluene	15.47	165	11721	5.005	ng	#	16
66) 4-Bromophenyl-phenylether	16.94	248	8978	3.048	ng	#	1
76) Benzidine	20.72	184	21399	2.828	ng		99

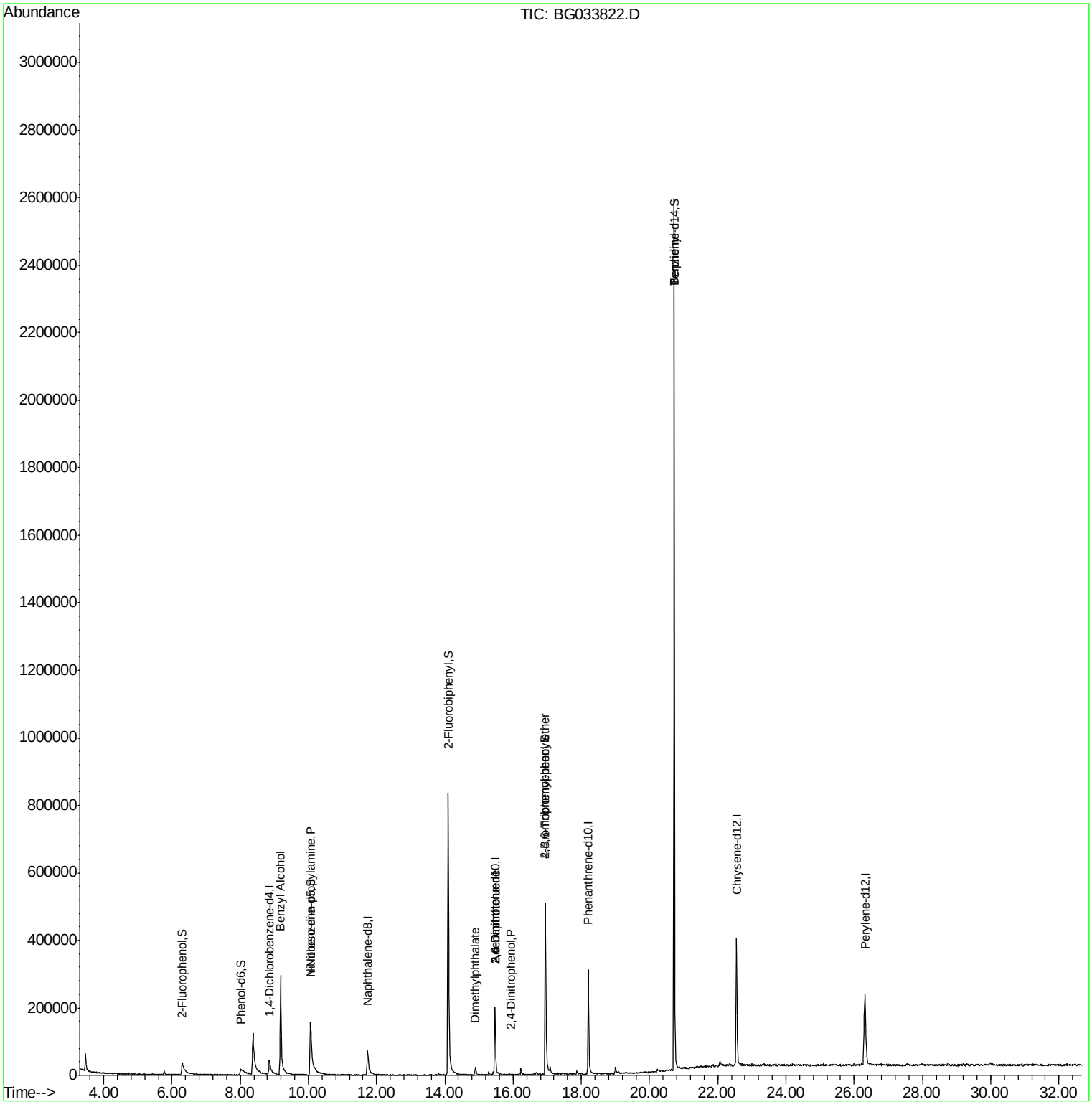
(#) = qualifier out of range (m) = manual integration (+) = signals summed

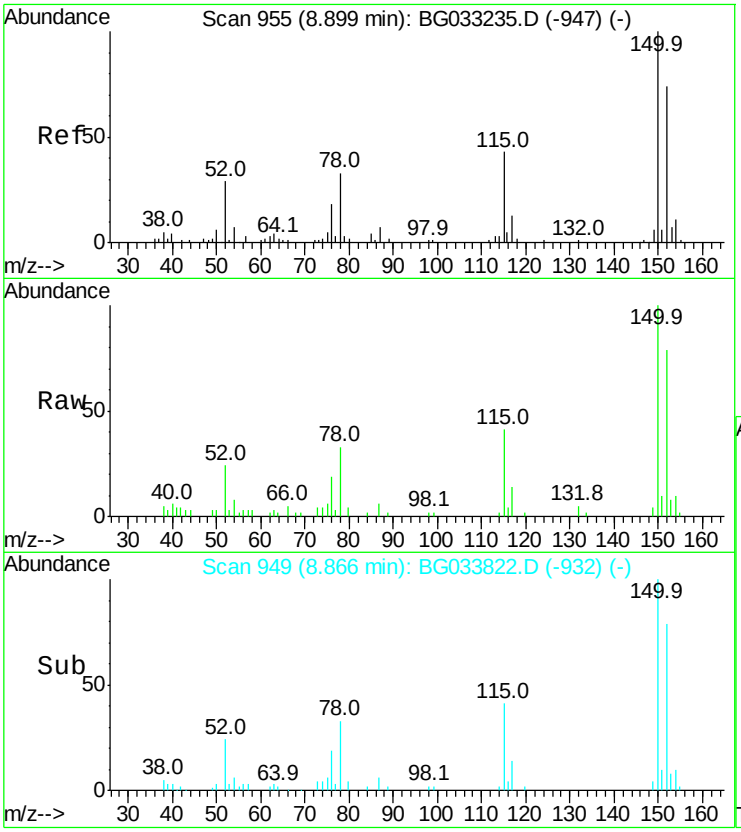
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033822.D
Acq On : 16 Apr 2018 18:44
Operator : SJ/JU
Sample : J2391-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 17 04:03:23 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



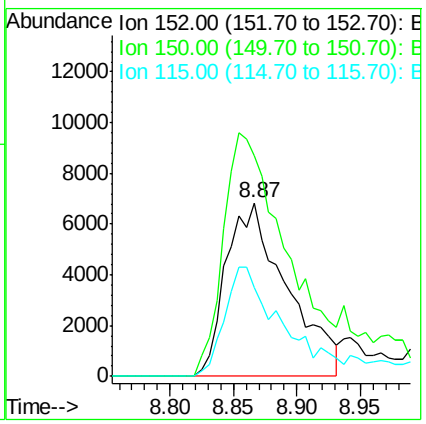


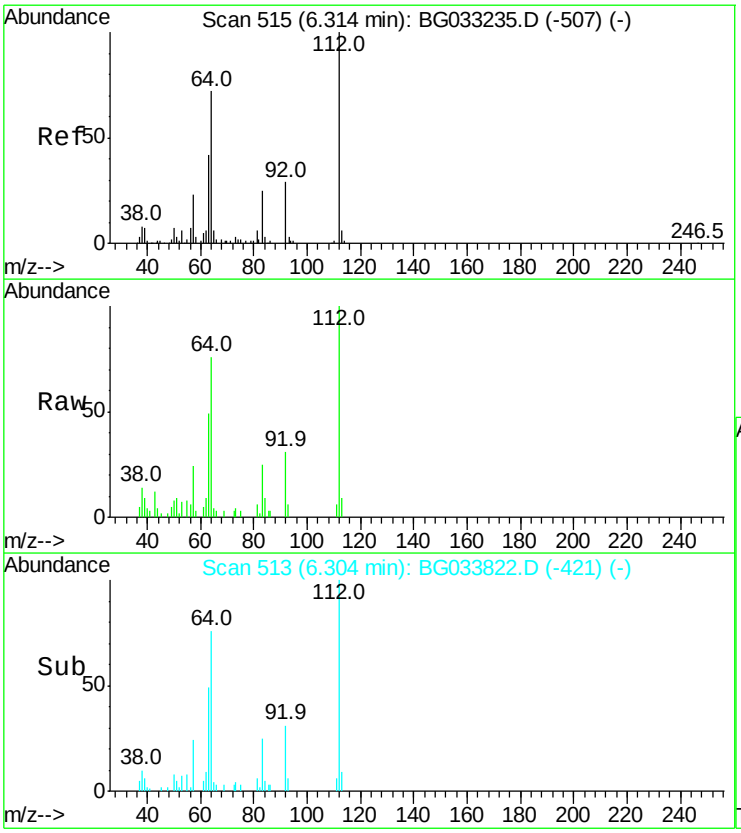
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22781

Ion	Ratio	Lower	Upper
152	100		
150	127.0	126.6	189.8
115	51.5	53.0	79.4#

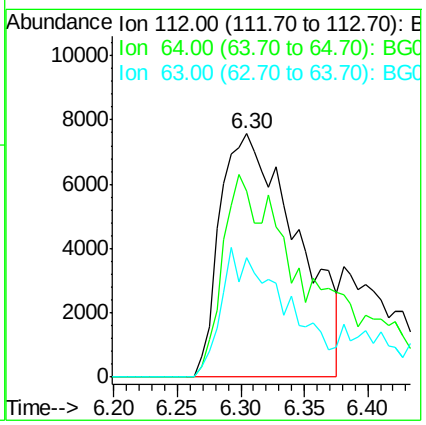


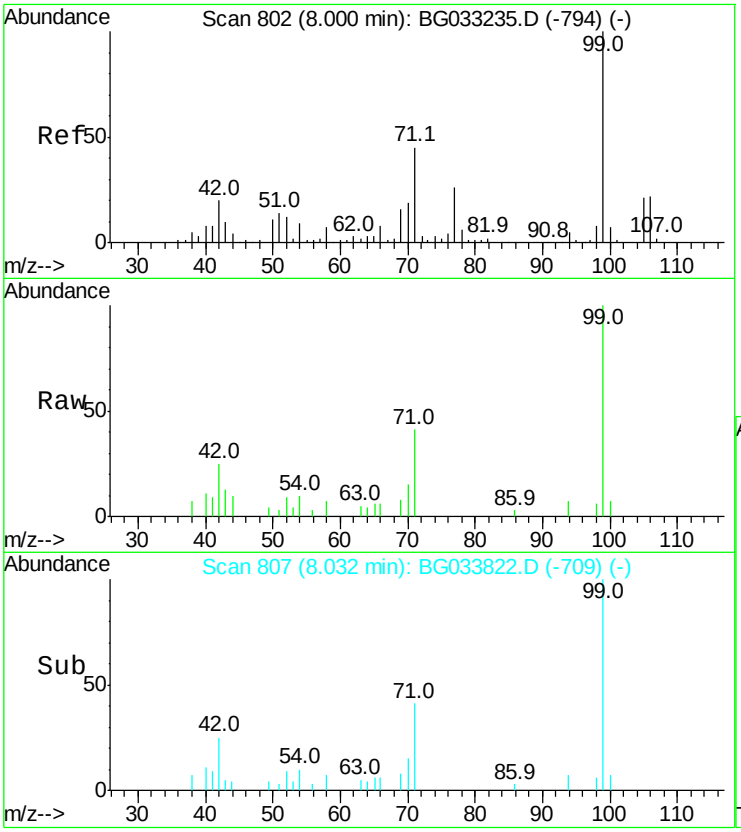


#5
2-Fluorophenol
Concen: 26.296 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:112 Resp: 31947

Ion	Ratio	Lower	Upper
112	100		
64	76.4	56.3	84.5
63	48.9	30.1	45.1#



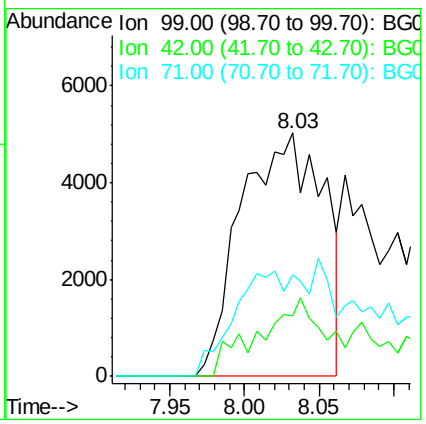


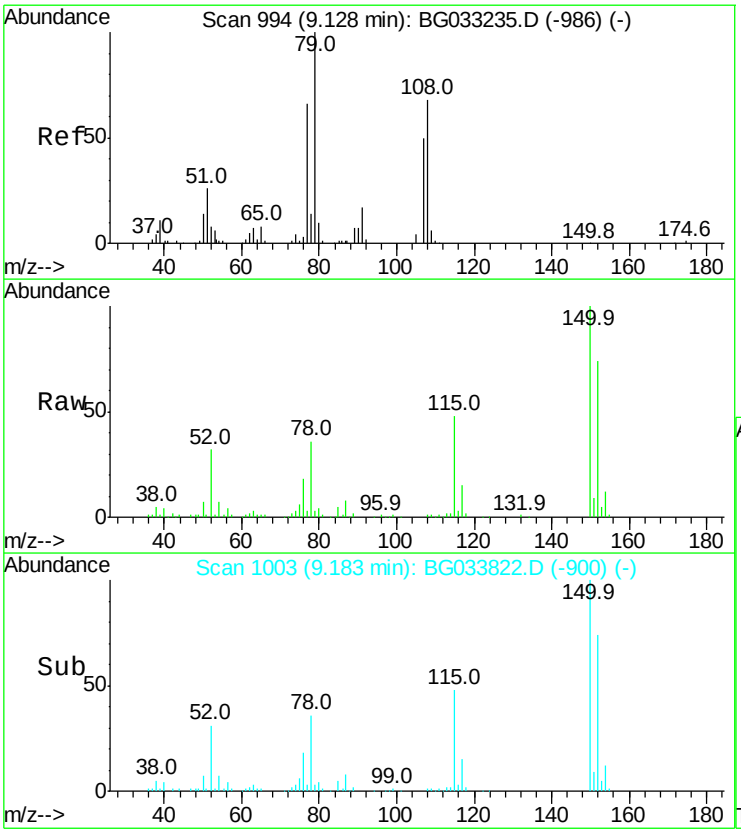
#7
Phenol-d6
Concen: 9.221 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.04 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 19248

Ion	Ratio	Lower	Upper
99	100		
42	24.9	14.1	21.1#
71	41.5	26.1	39.1#

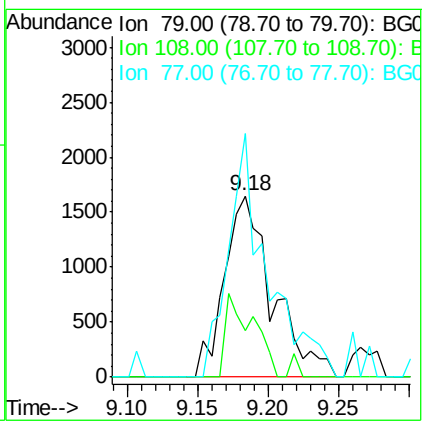


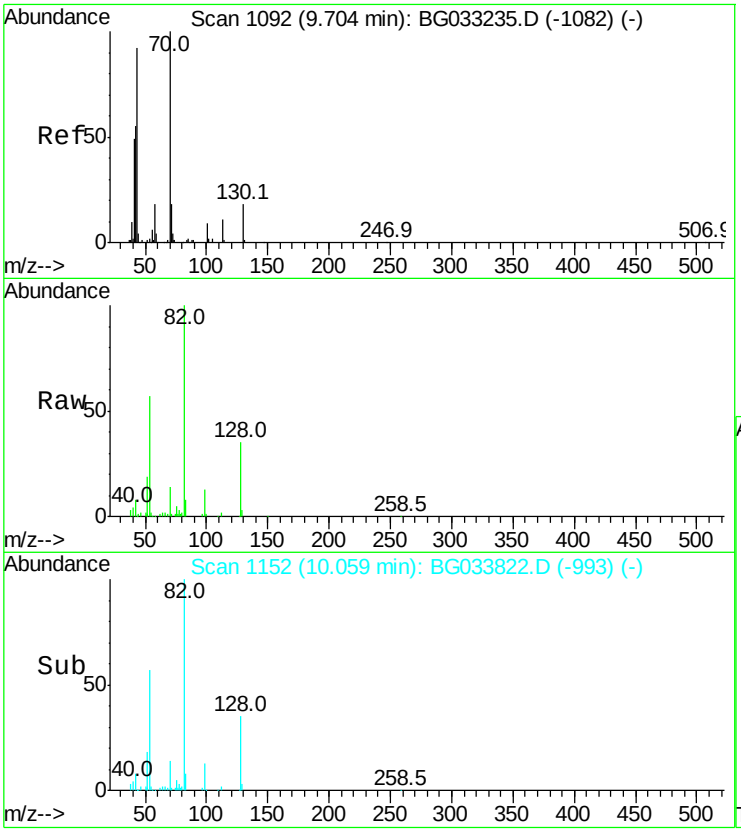


#15
Benzyl Alcohol
Concen: 2.388 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.07 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion: 79 Resp: 3924

Ion	Ratio	Lower	Upper
79	100		
108	25.7	57.2	85.8#
77	134.3	46.1	69.1#



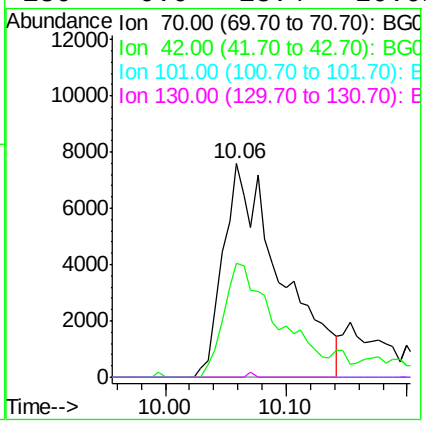


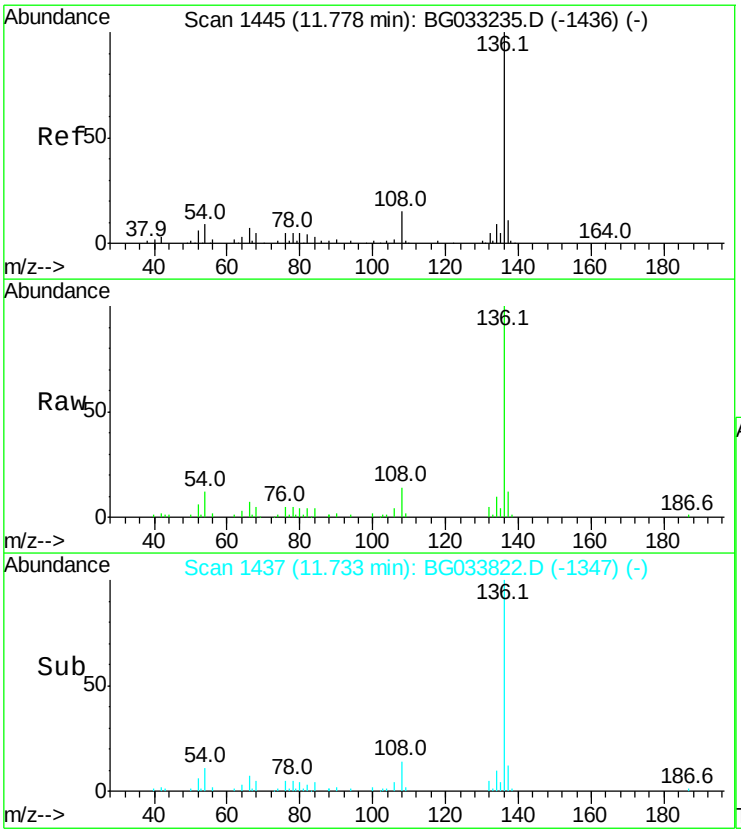
#19
n-Nitroso-di-n-propylamine
Concen: 16.347 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 25004

Ion	Ratio	Lower	Upper
70	100		
42	53.5	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

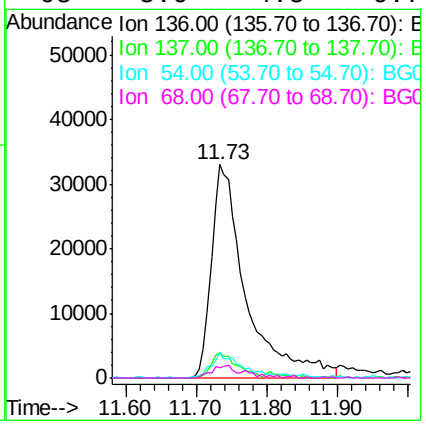


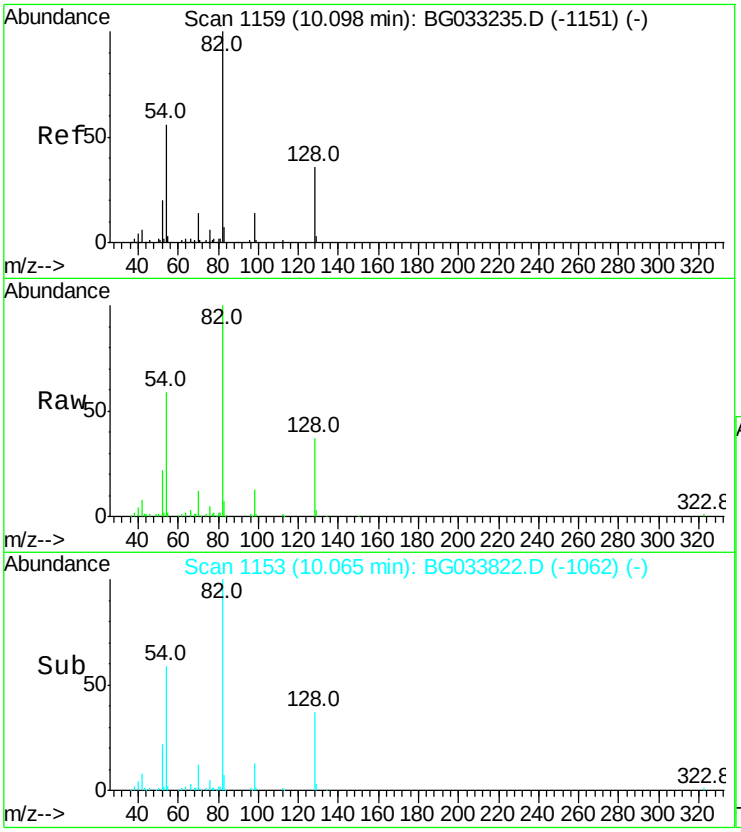


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:136 Resp: 112337

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	12.1	10.3	15.5
68	5.0	4.5	6.7



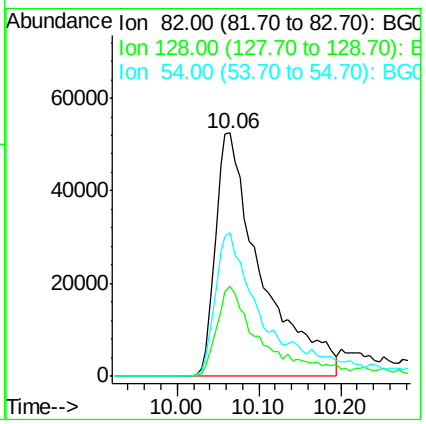


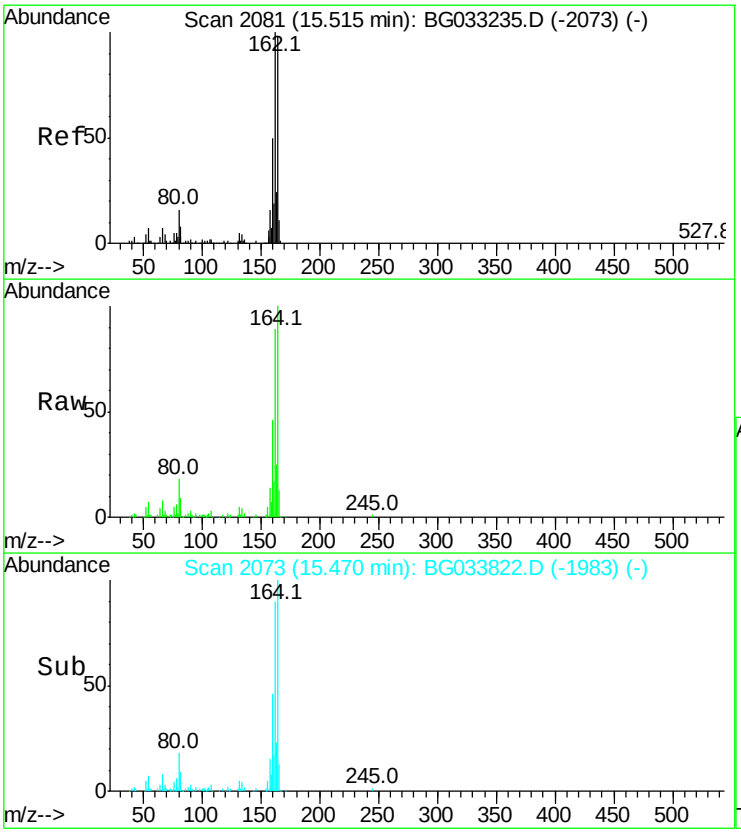
#23
Nitrobenzene-d5
Concen: 83.618 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 204454

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.7	44.5
54	58.9	43.1	64.7

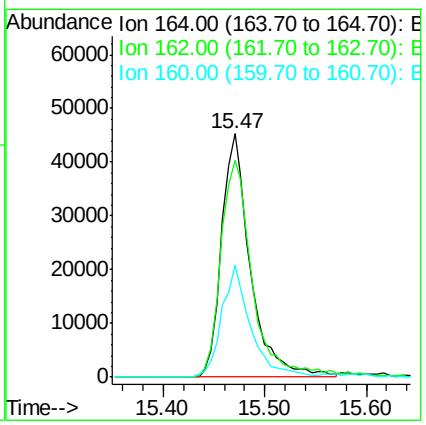


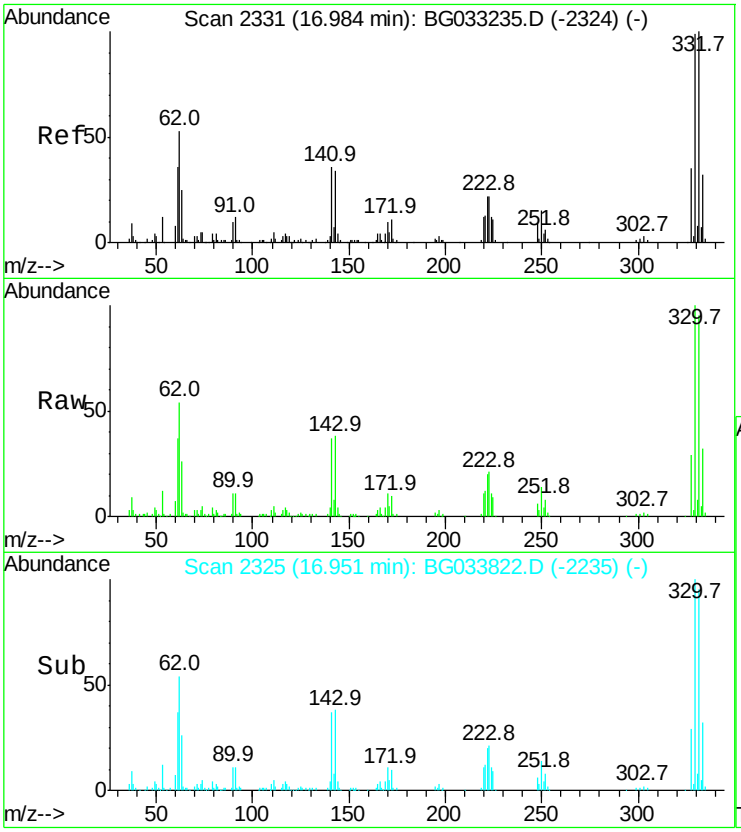


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:164 Resp: 89373

Ion	Ratio	Lower	Upper
164	100		
162	89.1	78.8	118.2
160	45.7	35.4	53.0



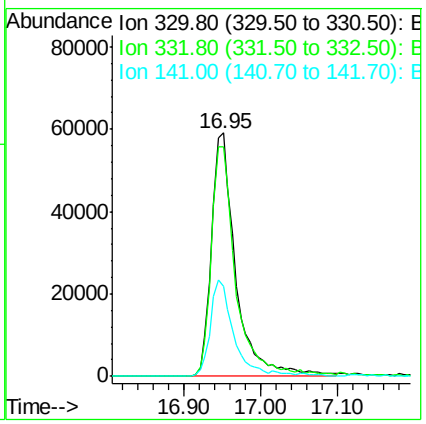


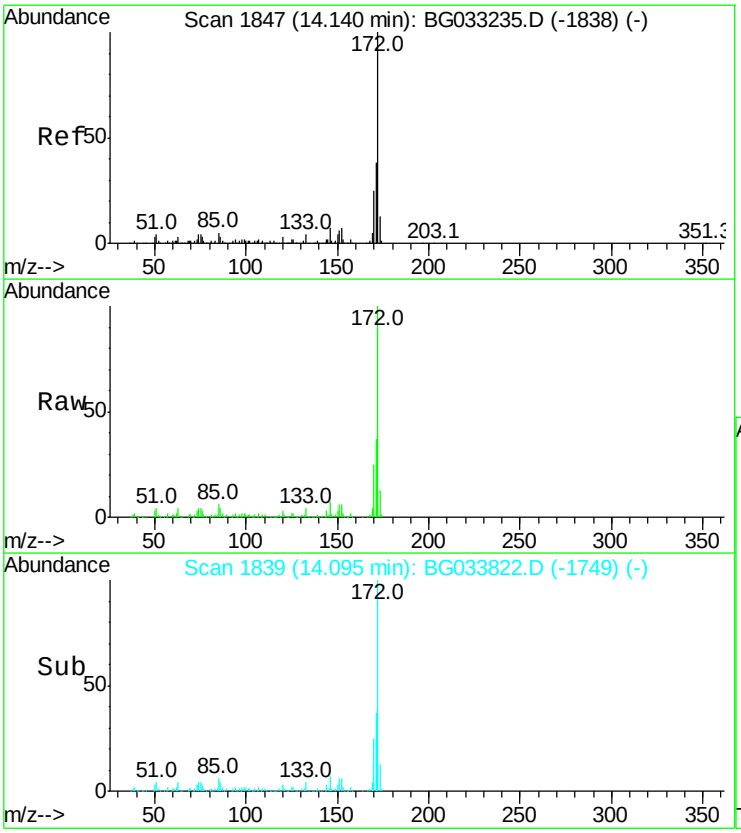
#41
2,4,6-Tribromophenol
Concen: 96.392 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 128845

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.8	25.2	37.8#

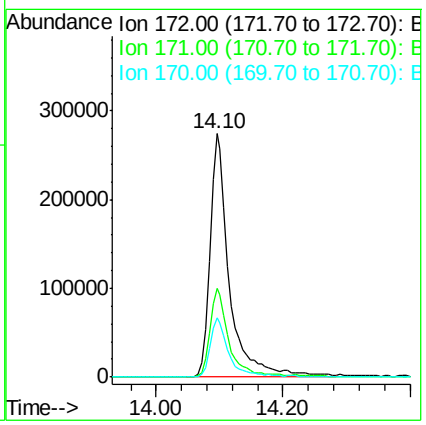


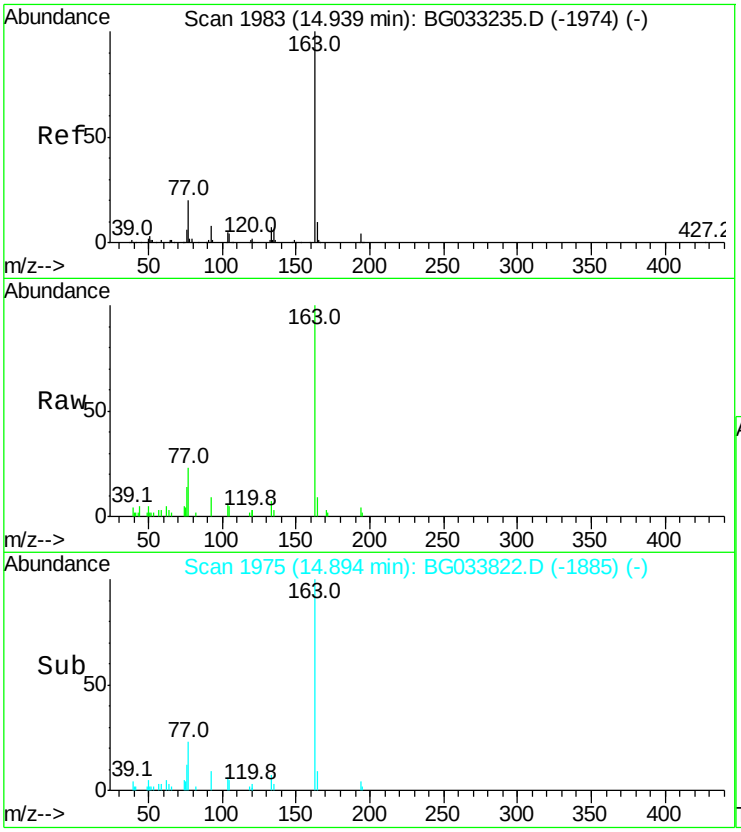


#44
2-Fluorobiphenyl
Concen: 95.950 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:172 Resp: 594009

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.6	19.5	29.3



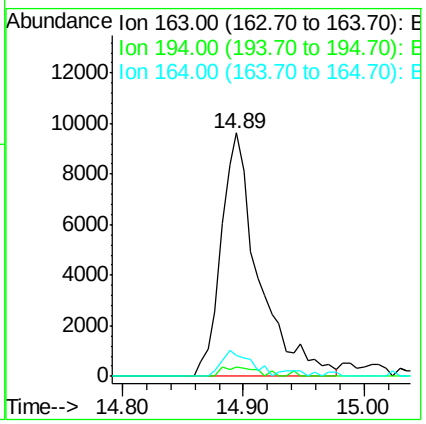


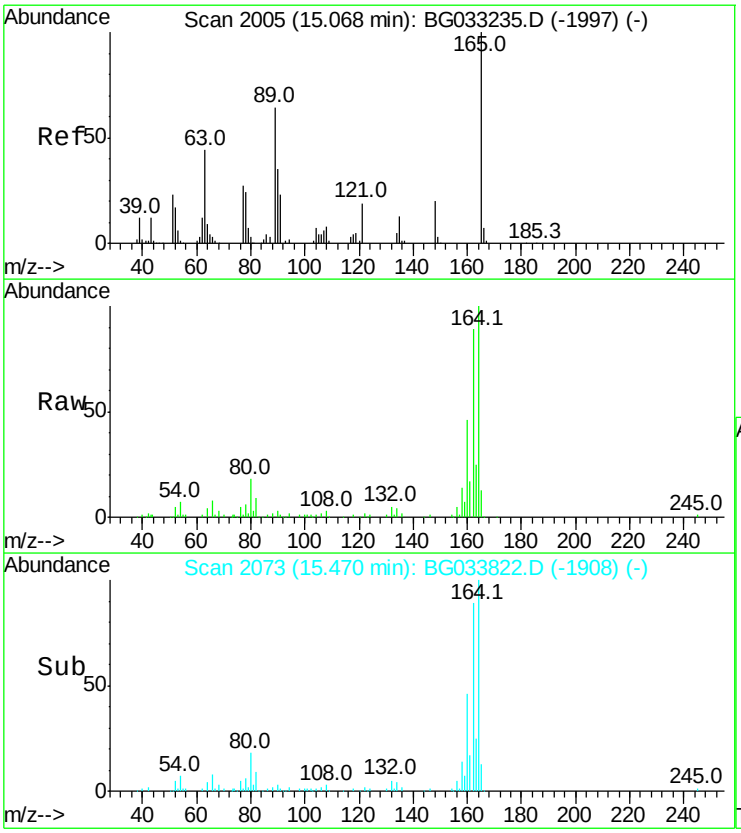
#49
Dimethylphthalate
Concen: 2.659 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 20685

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	8.5	8.2	12.4

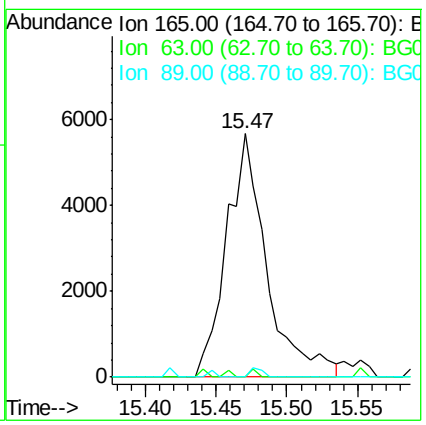


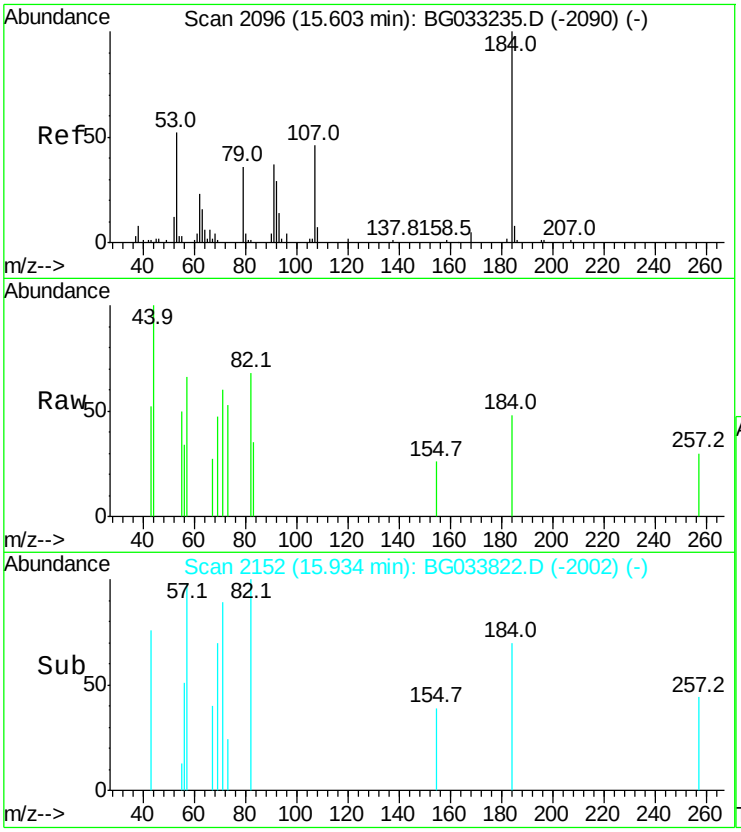


#50
2,6-Dinitrotoluene
Concen: 7.085 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:165 Resp: 11268

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



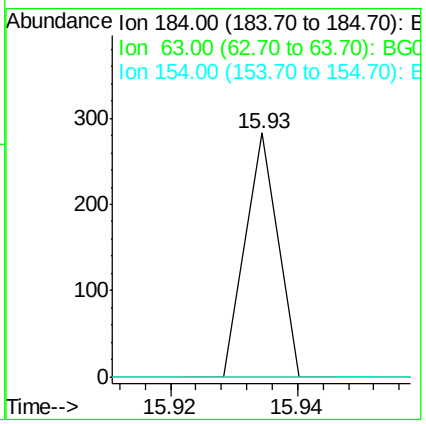


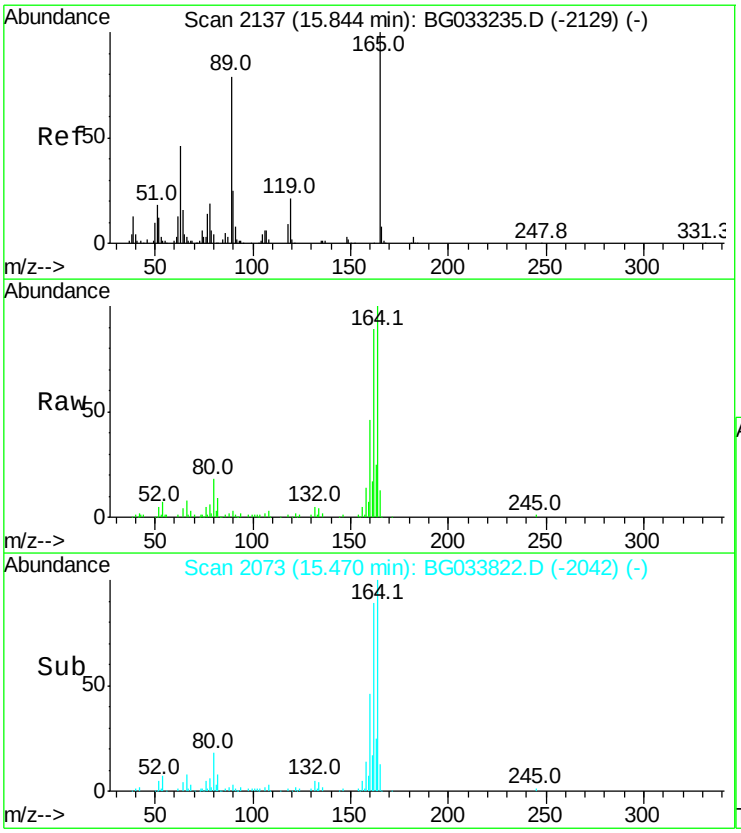
#53
2,4-Dinitrophenol
Concen: 7.753 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.35 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 100

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	54.8	101.8	152.8#

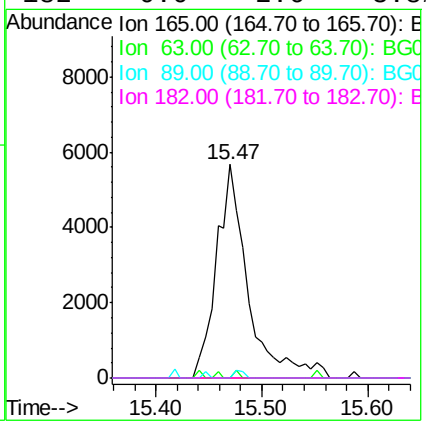


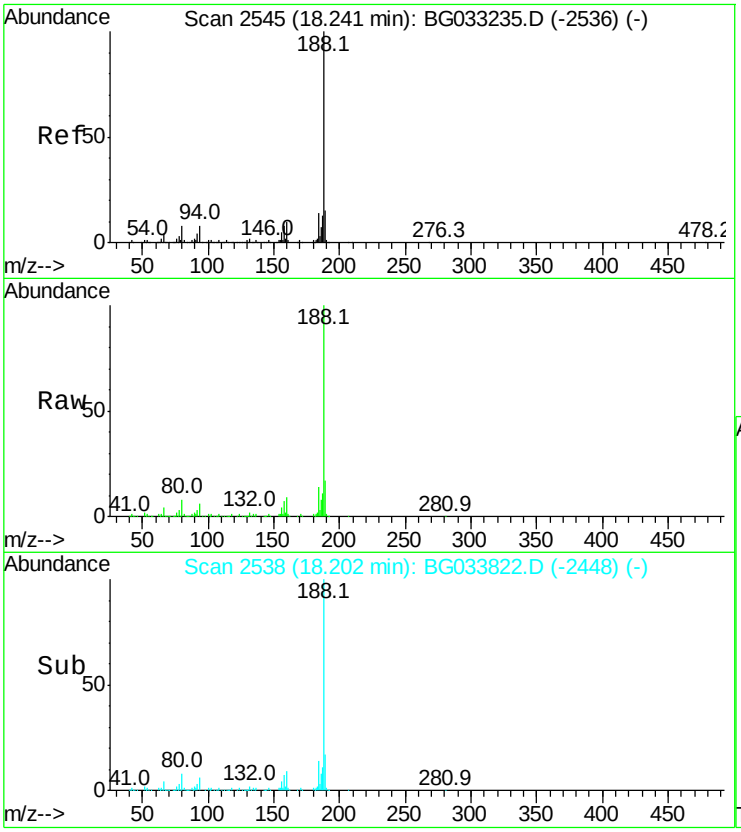


#56
2,4-Dinitrotoluene
Concen: 5.005 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:165 Resp: 11721

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#



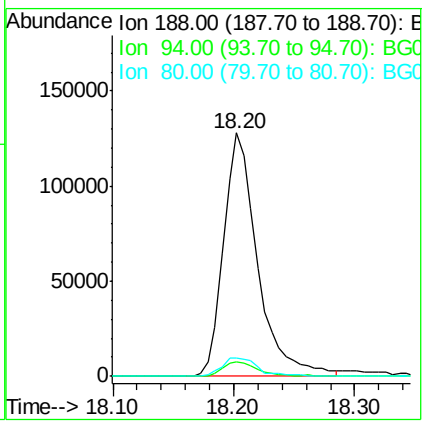


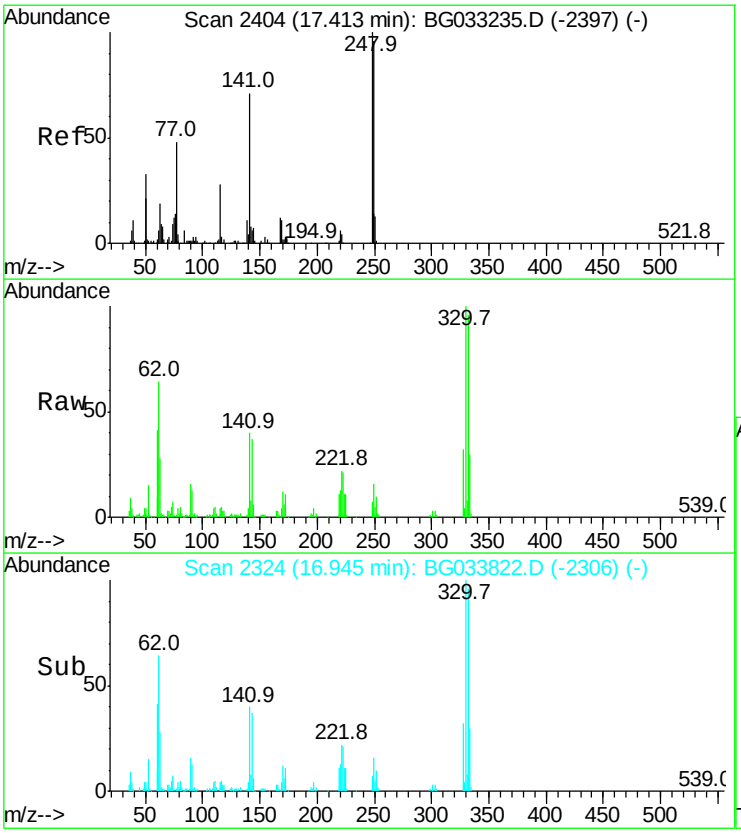
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 250828

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.6	7.7	11.5#

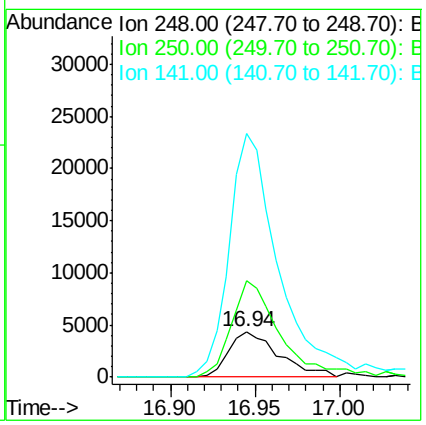


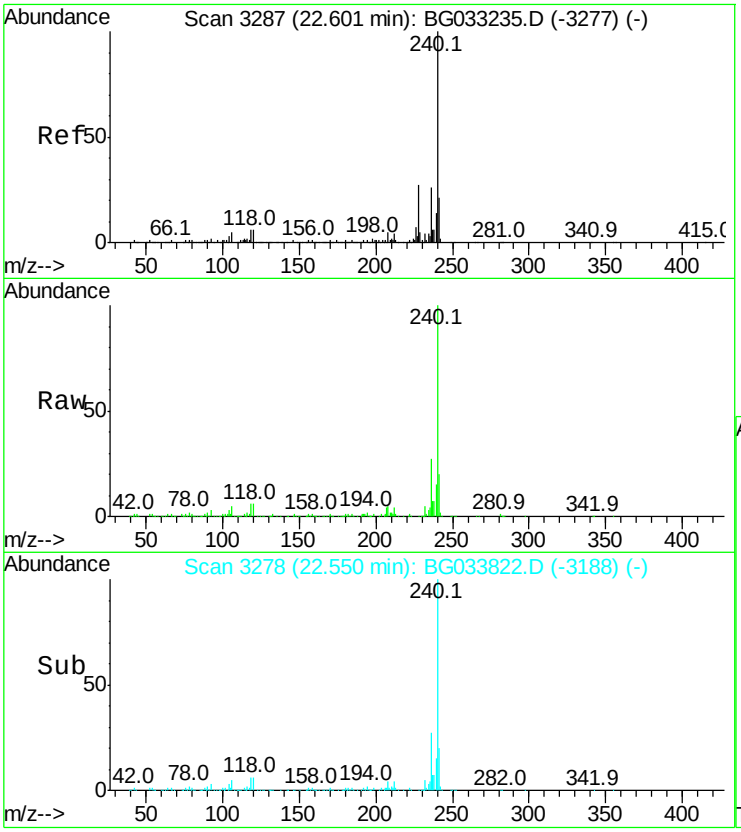


#66
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:248 Resp: 8978

Ion	Ratio	Lower	Upper
248	100		
250	212.0	77.1	115.7#
141	537.5	50.8	76.2#



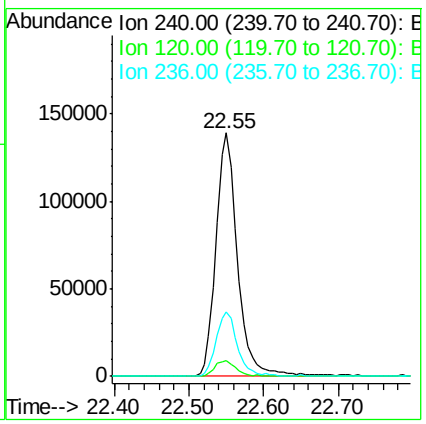


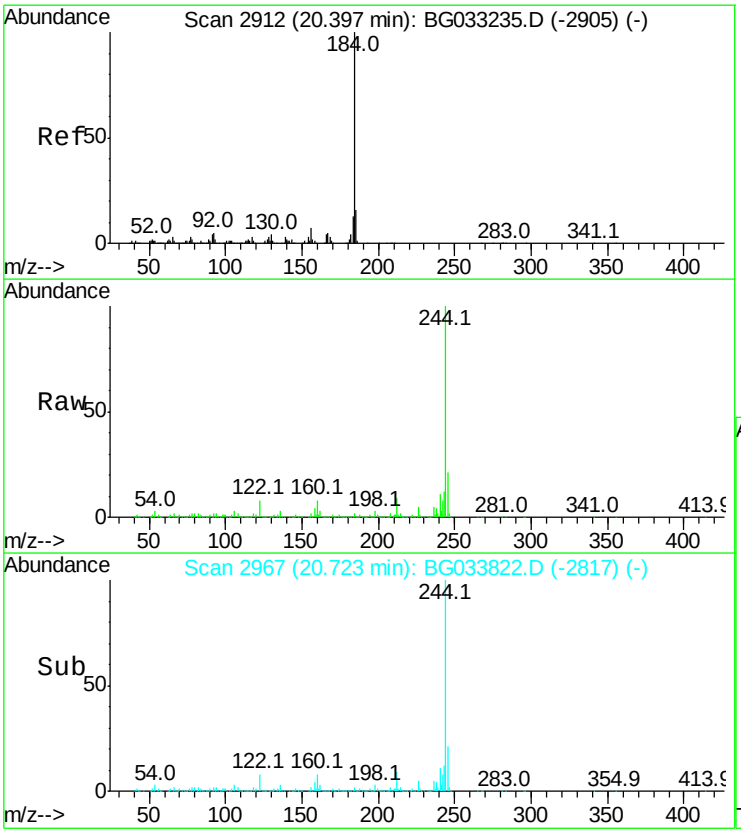
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 279055

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	26.5	20.9	31.3

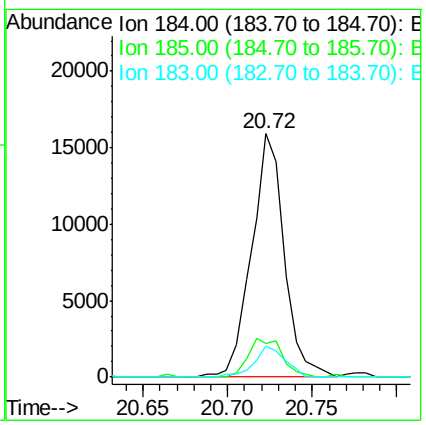


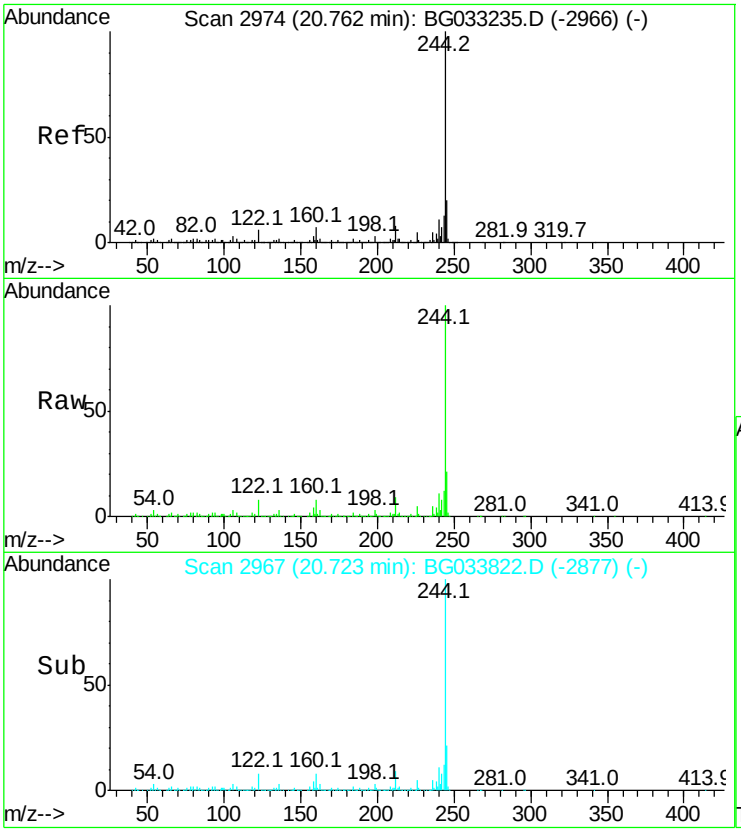


#76
Benzidine
Concen: 2.828 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.35 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:184 Resp: 21399

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	12.9	10.6	16.0



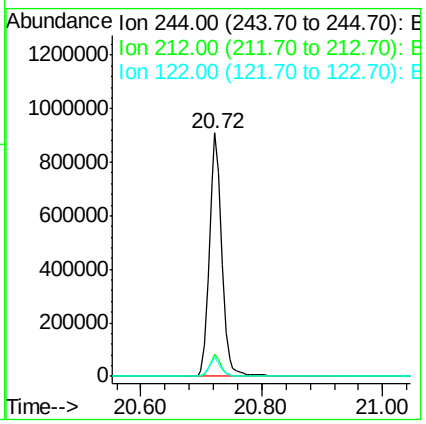


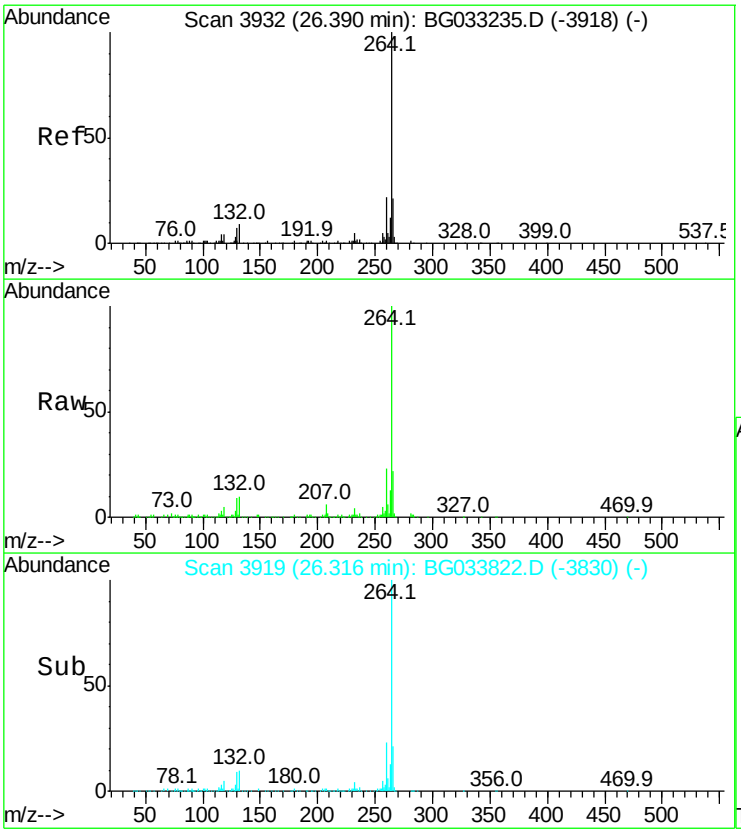
#78
Terphenyl-d14
Concen: 99.817 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1302455

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.8	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033822.D
Acq: 16 Apr 2018 18:44

Tgt Ion:264 Resp: 295698

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5