Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033826.D
Acq On : 16 Apr 2018 21:15
Operator : SJ/JU
Sample : PB108262BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 17 04:06:12 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	25023	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	113680	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87425	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	250495	20.00	ng	0.00
75) Chrysene-d12	22.55	240	294554	20.00	ng	0.00
86) Perylene-d12	26.31	264	318319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	150807	113.01	ng	-0.01
7) Phenol-d6	7.99	99	207150	90.34	ng	0.00
23) Nitrobenzene-d5	10.06	82	252064	101.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	127087	97.20	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	628337	103.76	ng	0.00
78) Terphenyl-d14	20.72	244	1404507	101.97	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.18	79	4485	2.484	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	26627	15.848	ng	# 69
50) 2,6-Dinitrotoluene	15.47	165	11350	7.296	ng	# 18
53) 2,4-Dinitrophenol	15.61	184	62	7.713	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	11500	5.021	ng	# 16

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

Quantitation Report (Not Reviewed)

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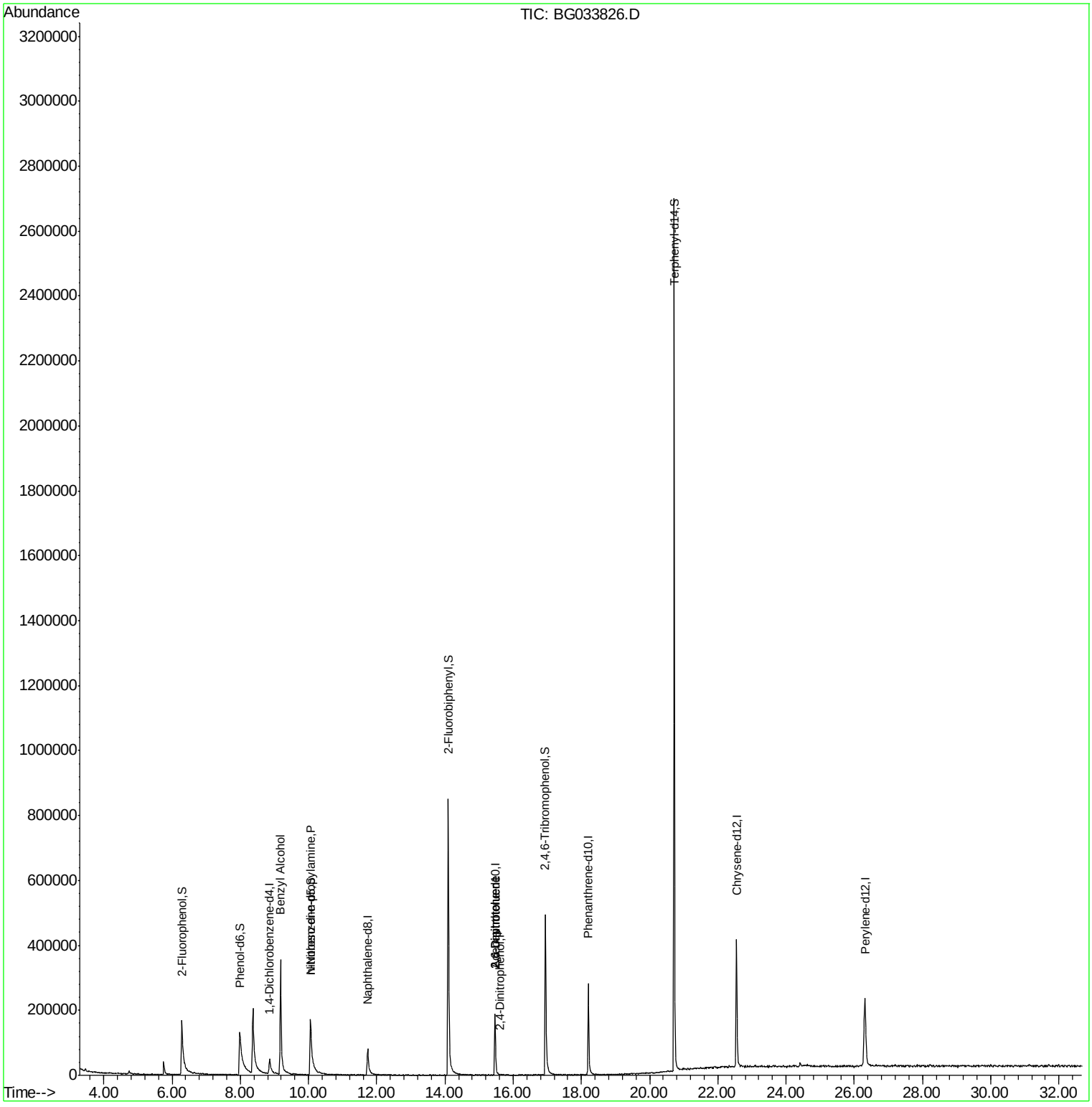
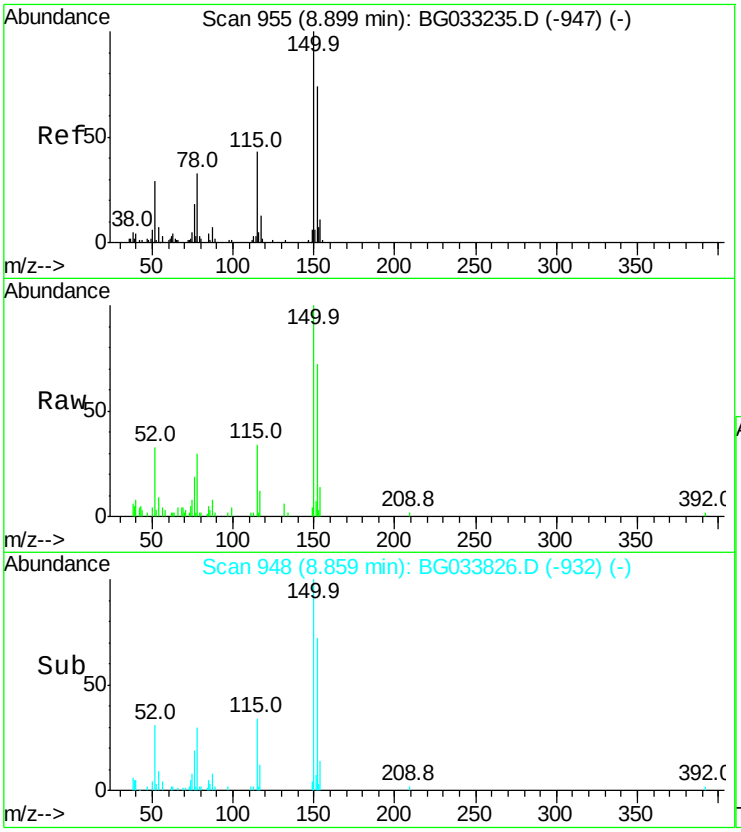


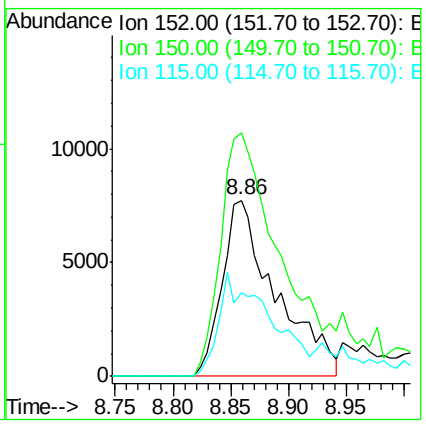


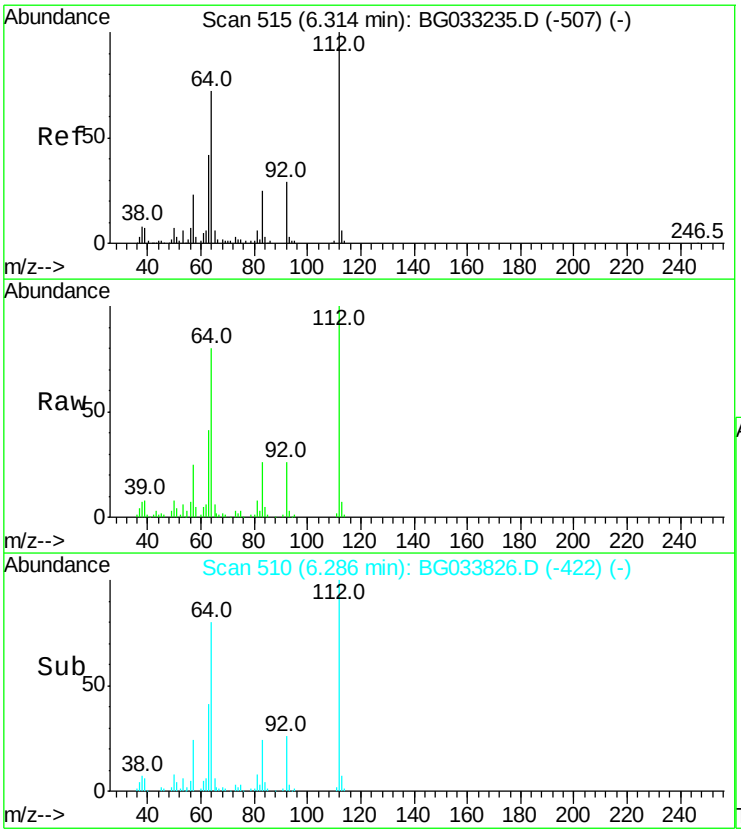
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25023

Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	47.5	53.0	79.4#

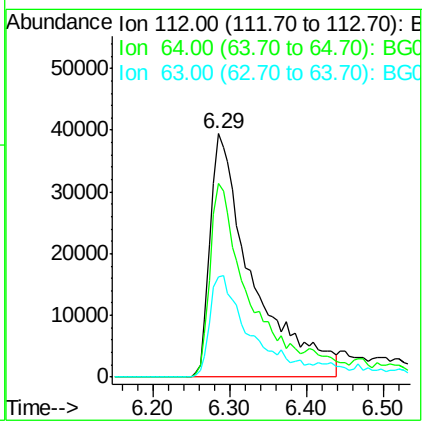


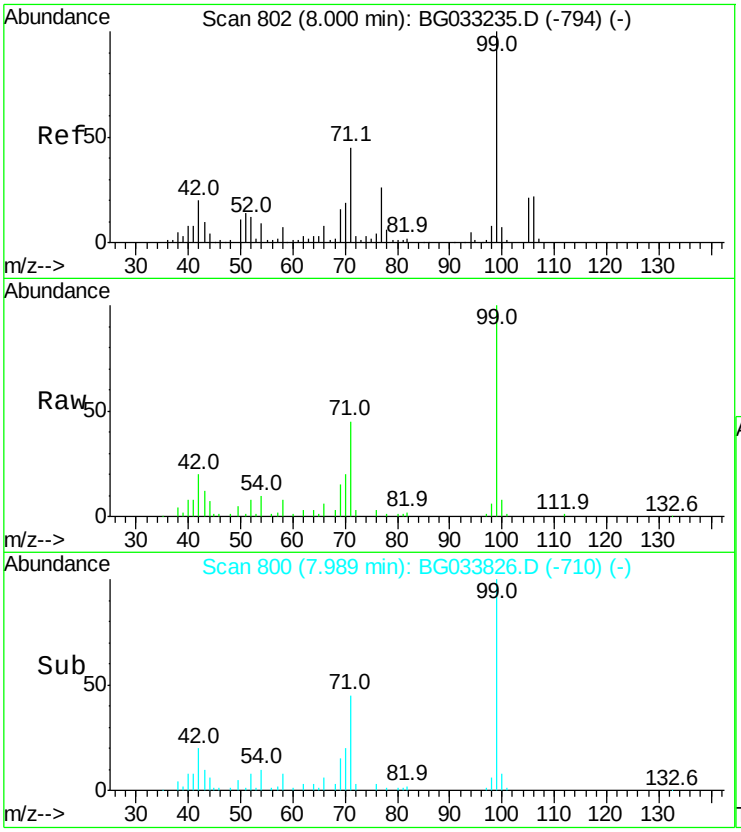


#5
2-Fluorophenol
Concen: 113.009 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:112 Resp: 150807

Ion	Ratio	Lower	Upper
112	100		
64	79.8	56.3	84.5
63	41.4	30.1	45.1



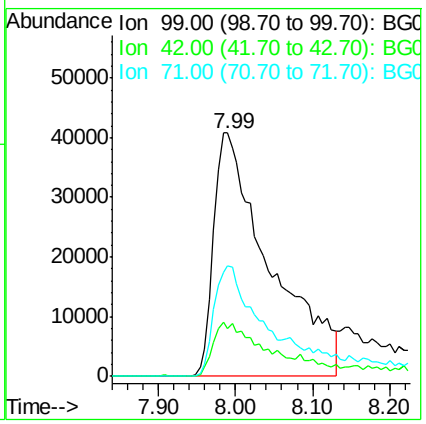


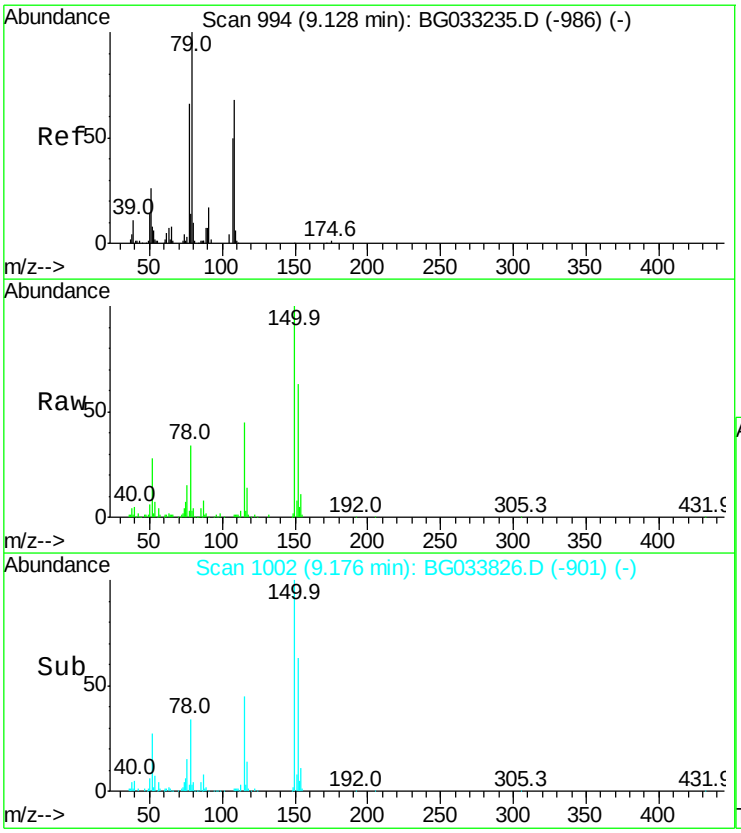
#7
Phenol-d6
Concen: 90.344 ng
RT: 7.99 min Scan# 800
Delta R.T. 0.00 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 207150

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	45.1	26.1	39.1#

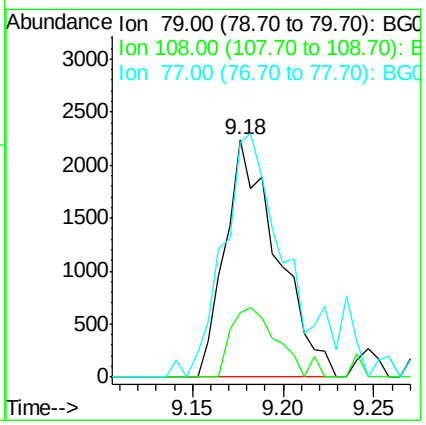


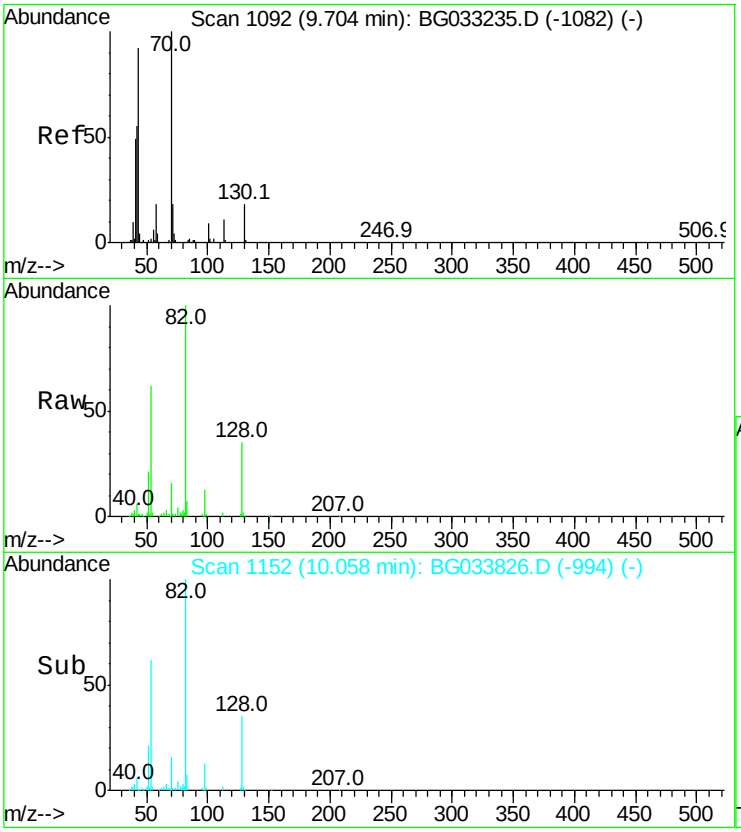


#15
Benzyl Alcohol
Concen: 2.484 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.07 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion: 79 Resp: 4485

Ion	Ratio	Lower	Upper
79	100		
108	27.3	57.2	85.8#
77	99.1	46.1	69.1#



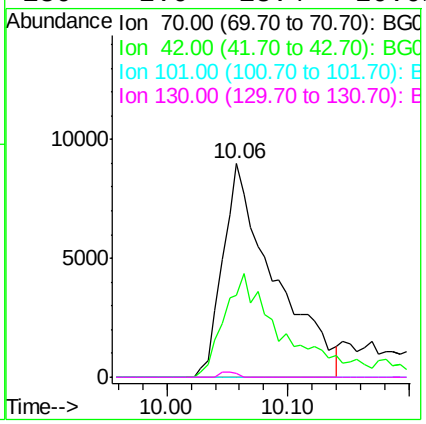


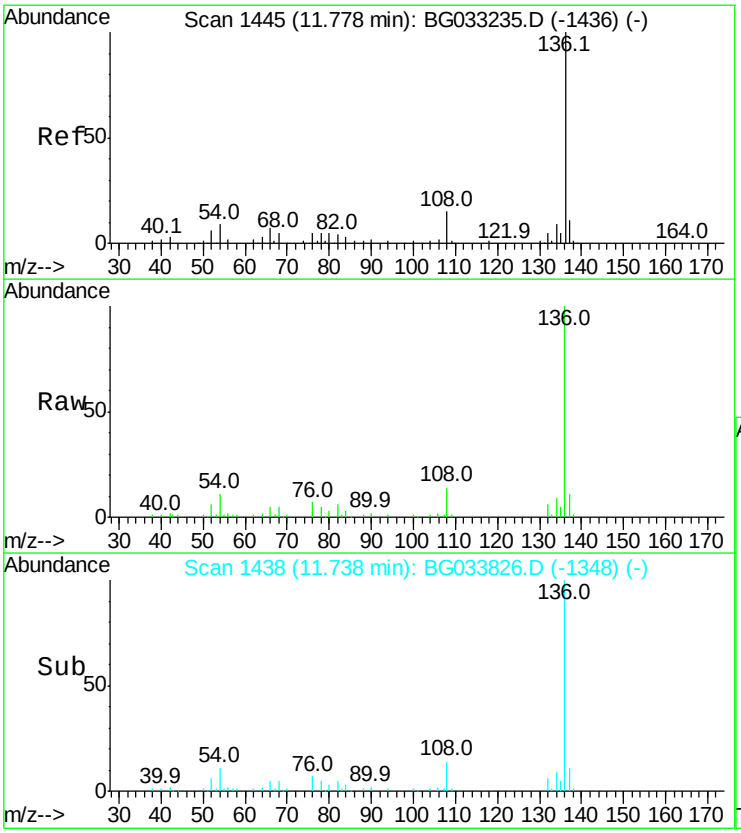
#19
n-Nitroso-di-n-propylamine
Concen: 15.848 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 26627

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

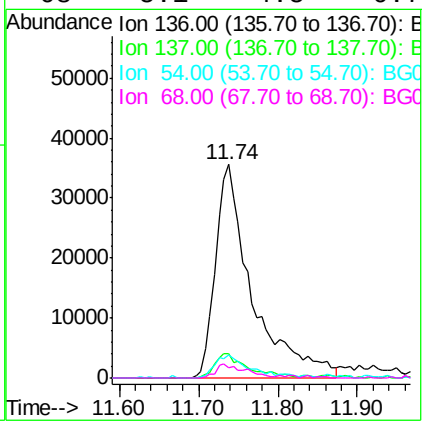


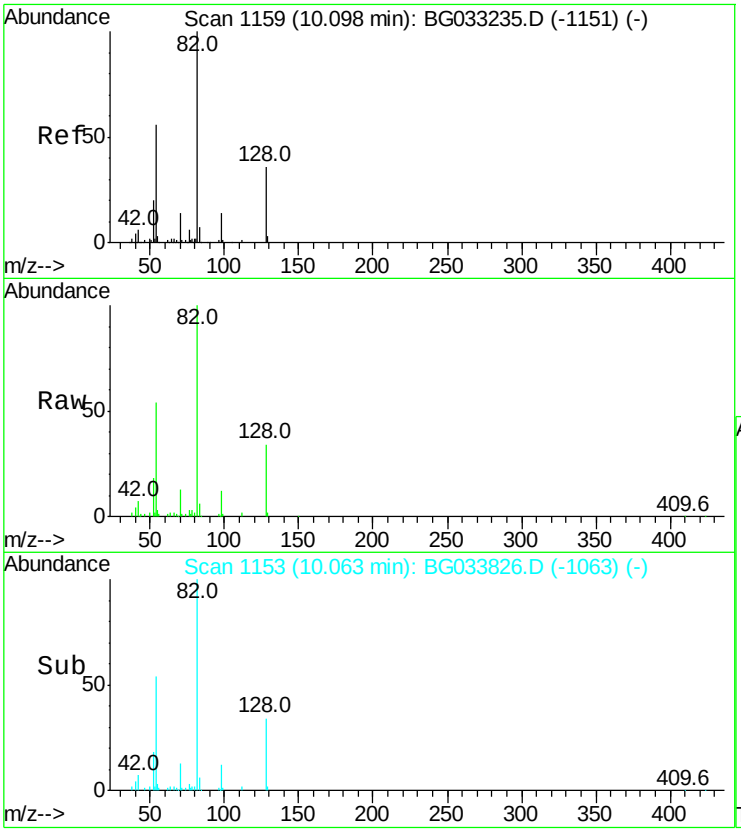


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:136 Resp: 113680

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	11.1	10.3	15.5
68	5.1	4.5	6.7



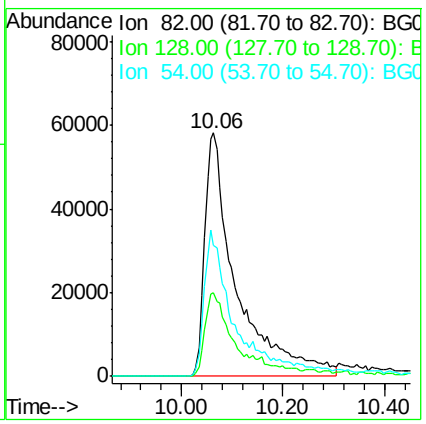


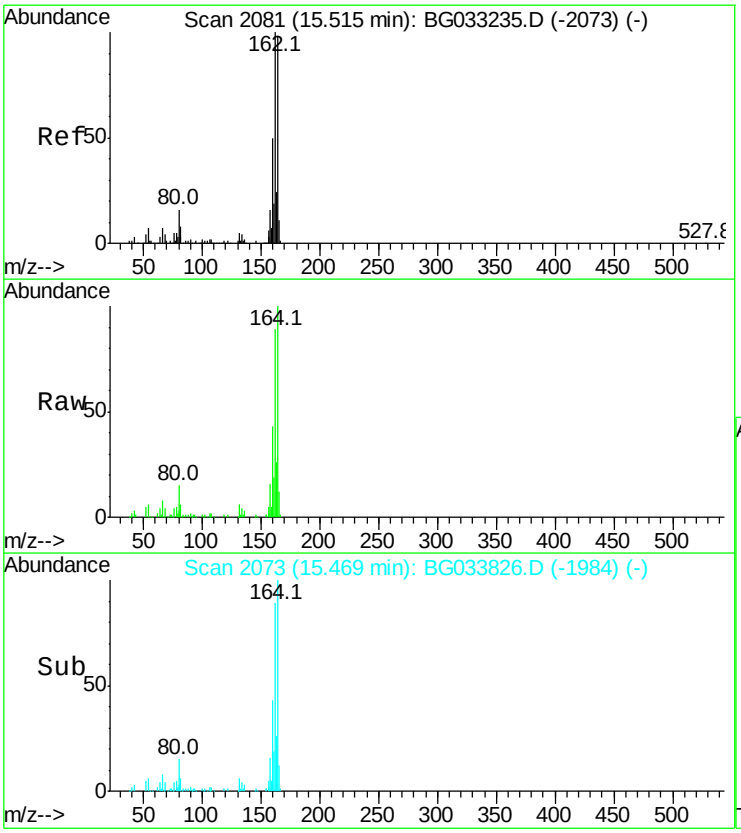
#23
Nitrobenzene-d5
Concen: 101.872 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 252064

Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	53.6	43.1	64.7

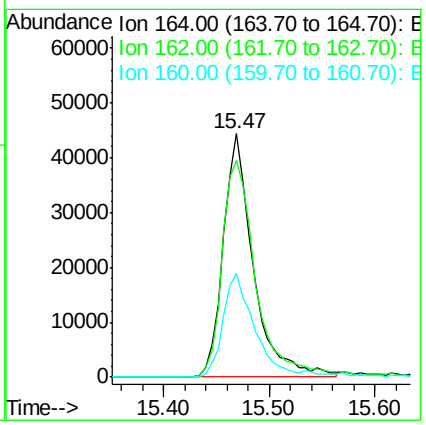


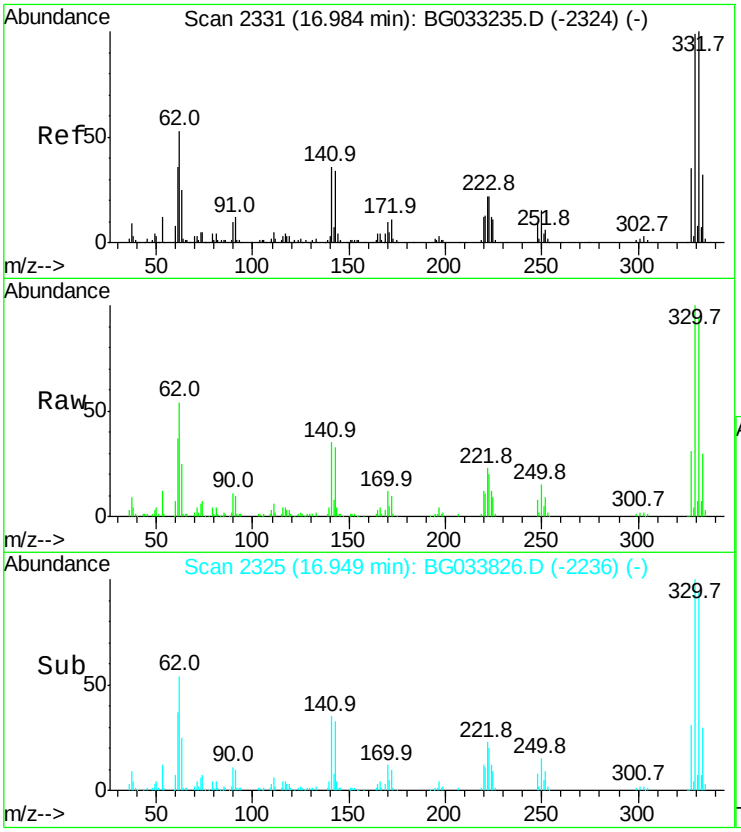


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:164 Resp: 87425

Ion	Ratio	Lower	Upper
164	100		
162	88.9	78.8	118.2
160	42.8	35.4	53.0



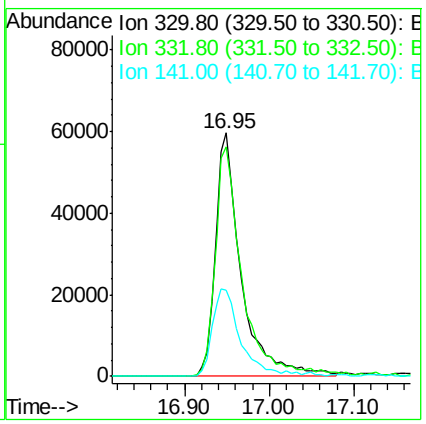


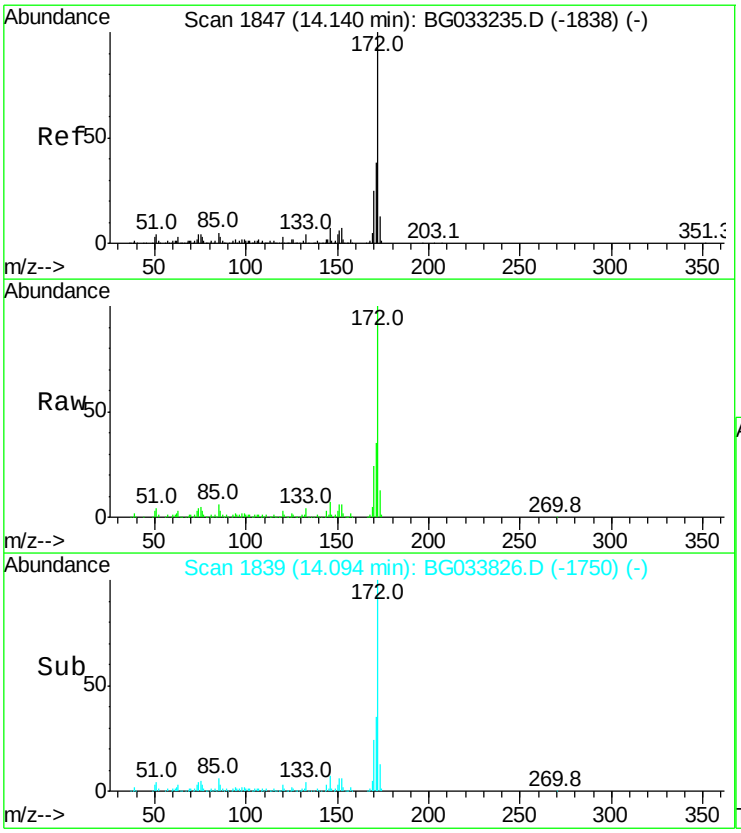
#41
2,4,6-Tribromophenol
Concen: 97.195 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 127087

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	38.3	25.2	37.8#

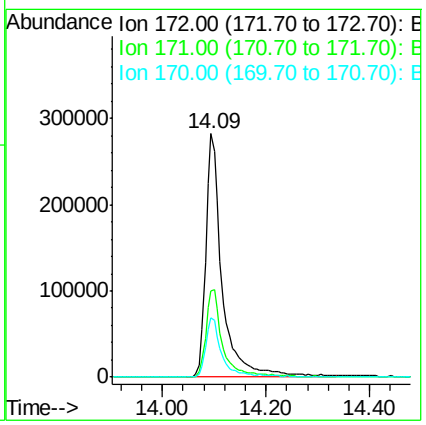


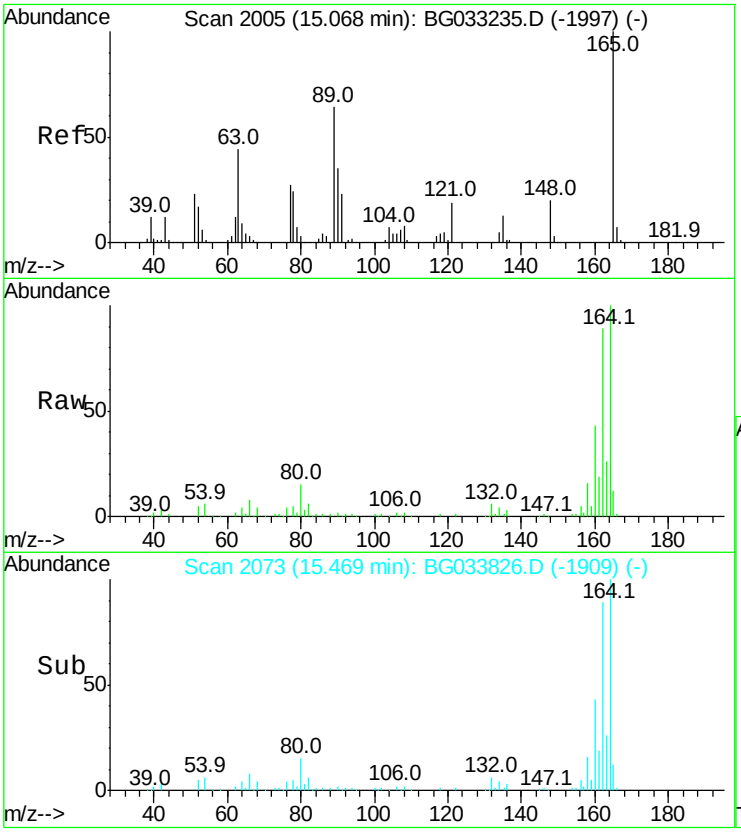


#44
2-Fluorobiphenyl
Concen: 103.756 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:172 Resp: 628337

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	24.4	19.5	29.3



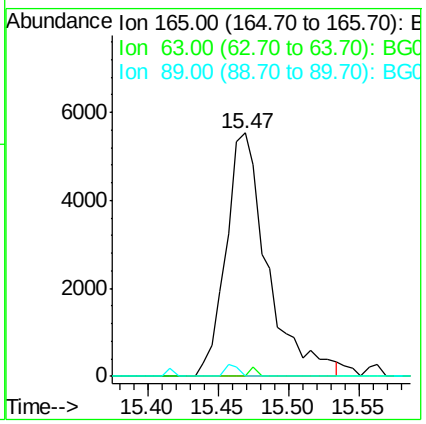


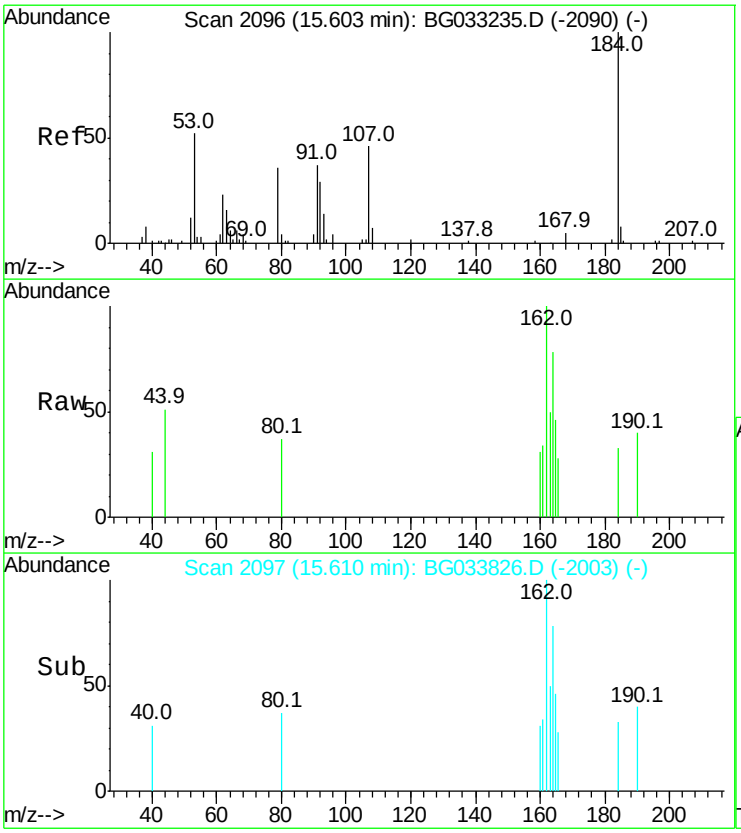
#50
2,6-Dinitrotoluene
Concen: 7.296 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11350

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

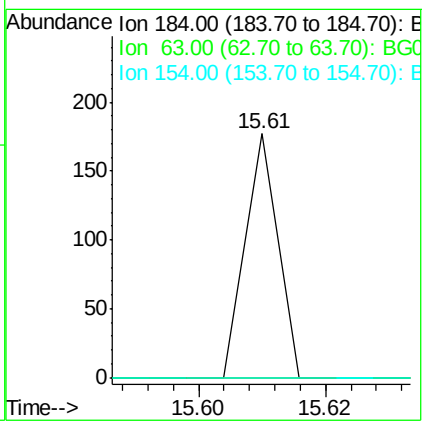


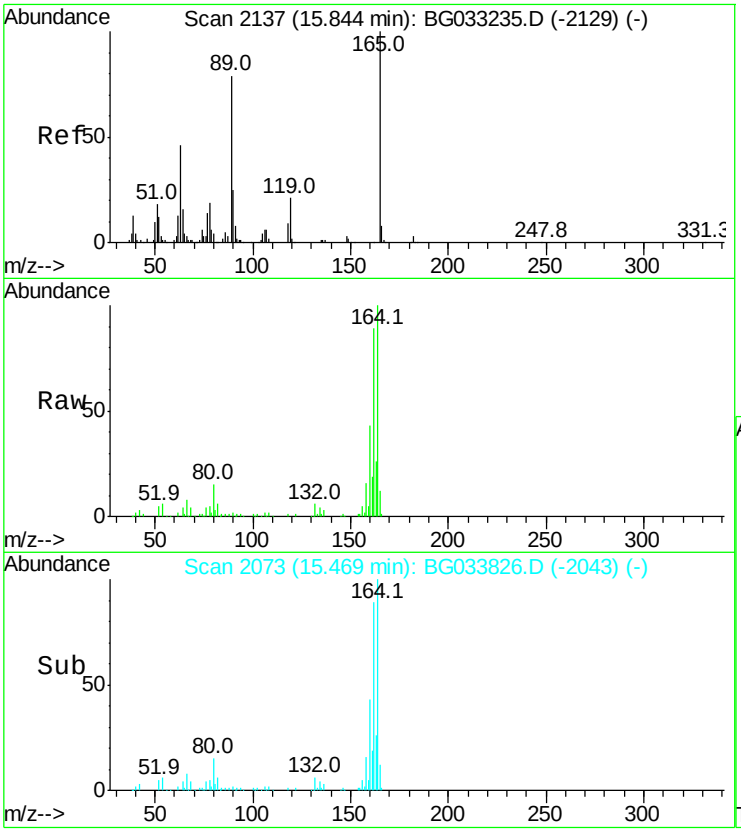


#53
2,4-Dinitrophenol
Concen: 7.713 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:184 Resp: 62

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



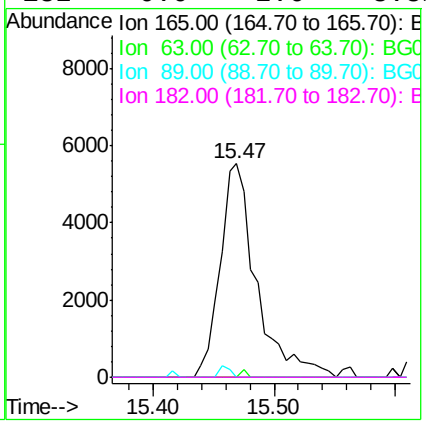


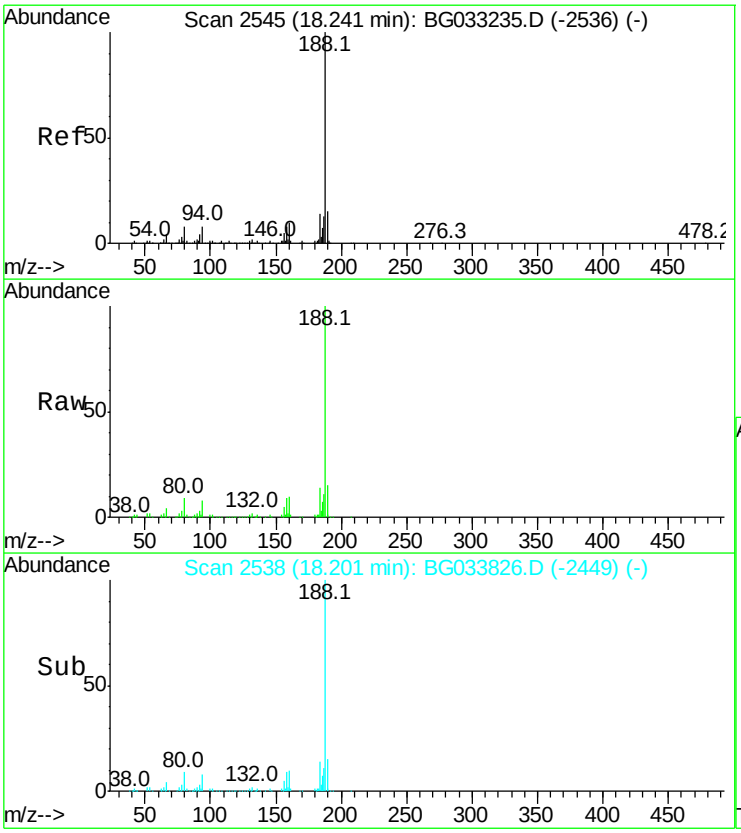
#56
2,4-Dinitrotoluene
Concen: 5.021 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.35 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11500

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#

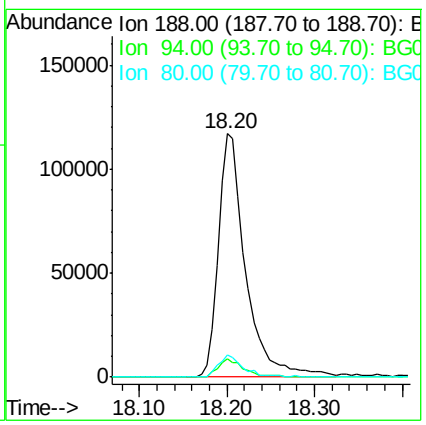


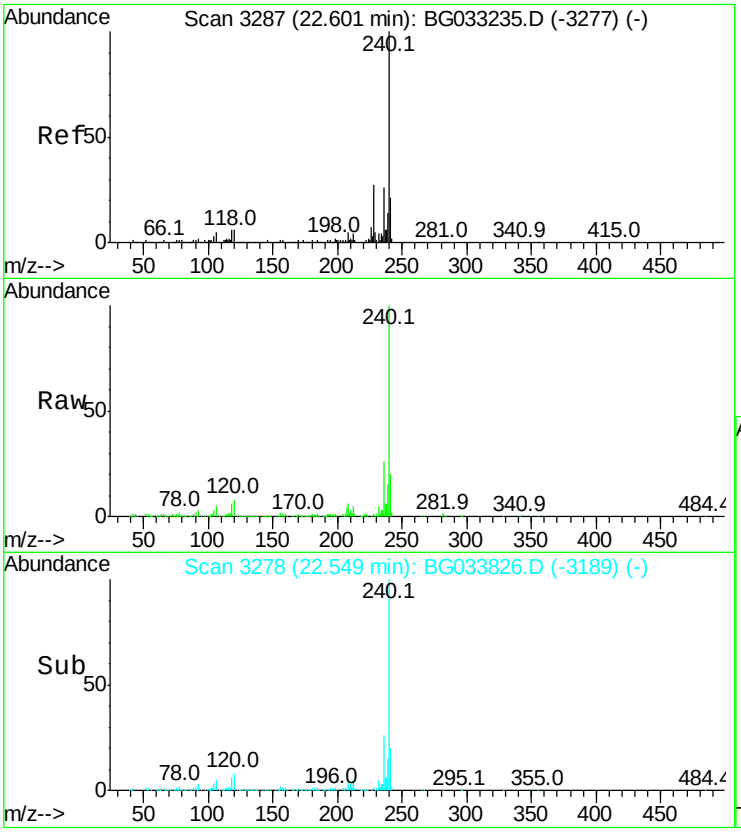


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:188 Resp: 250495

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



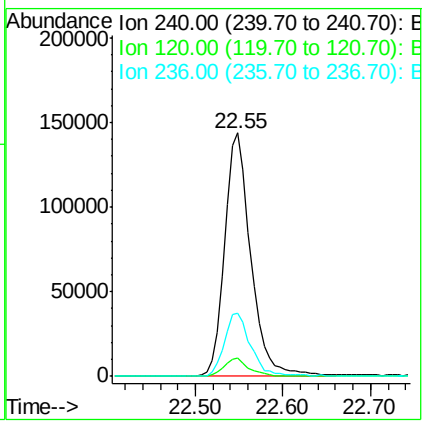


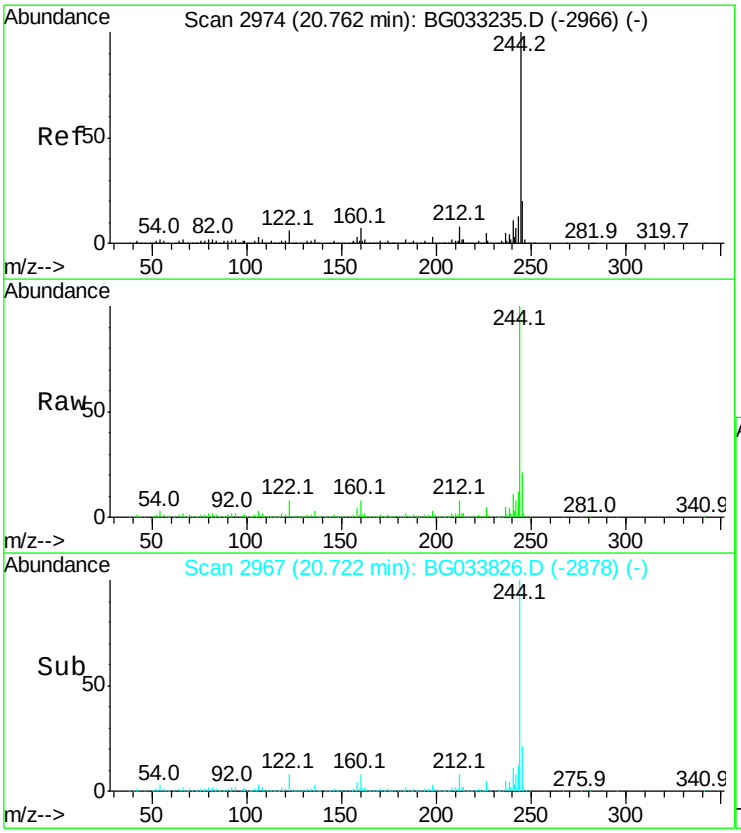
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 294554

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	26.1	20.9	31.3

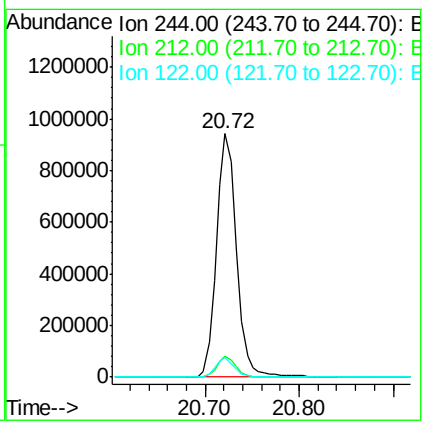


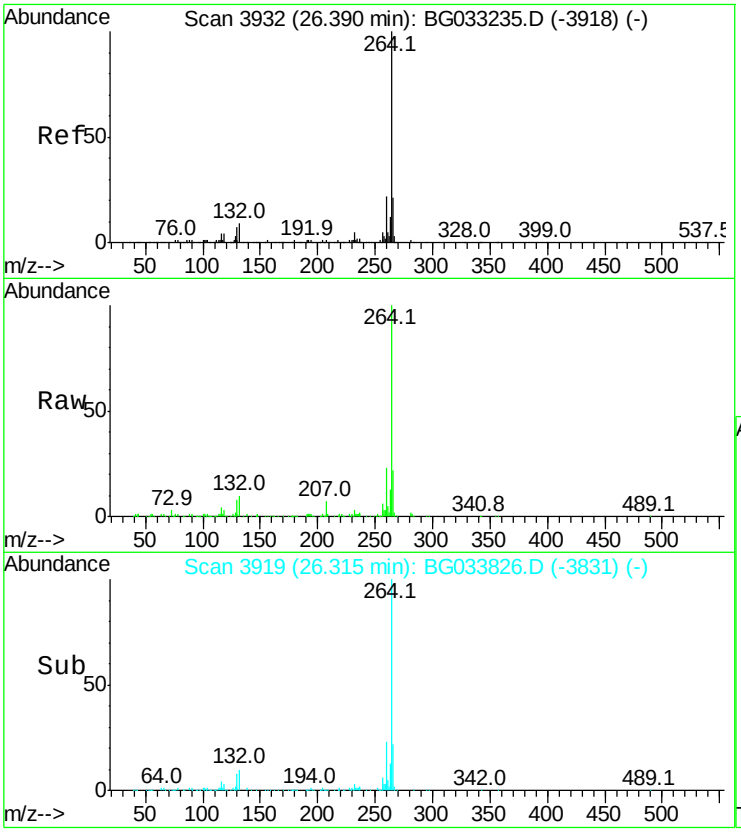


#78
Terphenyl-d14
Concen: 101.974 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033826.D
Acq: 16 Apr 2018 21:15

Tgt Ion:244 Resp: 1404507

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.9	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: BG033826.D
Acq: 16 Apr 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 318319

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.2	17.7	26.5