Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032818\

Quantitation Report (Not Reviewed)

Data File : BG033391.D
Acq On : 28 Mar 2018 18:21
Operator : SJ/JU
Sample : J2072-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB2

Quant Time: Mar 29 06:30:23 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	57482	20.00	ng		0.00
21) Naphthalene-d8	11.77	136	221687	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	149060	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	351288	20.00	ng		0.00
75) Chrysene-d12	22.56	240	374195	20.00	ng		0.00
86) Perylene-d12	26.33	264	401507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	7520	2.45	ng		-0.05
7) Phenol-d6	8.01	99	1673	0.32	ng		0.03
23) Nitrobenzene-d5	10.11	82	387951	80.40	ng		0.03
41) 2,4,6-Tribromophenol	16.97	330	2568	1.15	ng		0.02
44) 2-Fluorobiphenyl	14.13	172	781948	75.73	ng		0.02
78) Terphenyl-d14	20.73	244	1031250	58.94	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.29	42	39117	22.15	ng	#	3
10) Phenol	8.39	94	29015	5.58	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	110251	15.93	ng		91
19) n-Nitroso-di-n-propylamine	9.98	70	1340541	347.33	ng	#	62
20) 3+4-Methylphenols	9.72	107	16096	3.19	ng	#	1
22) Acetophenone	9.72	105	109186	17.98	ng	#	44
24) Nitrobenzene	9.98	77	22505	4.36	ng	#	23
25) Isophorone	10.54	82	932191	99.54	ng	#	70
35) Caprolactam	12.69	113	175257	128.06	ng	#	60
49) Dimethylphthalate	14.91	163	73040	5.63	ng		96
52) 3-Nitroaniline	15.37	138	51315	18.45	ng	#	1
53) 2,4-Dinitrophenol	15.59	184	120	7.72	ng	#	27

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

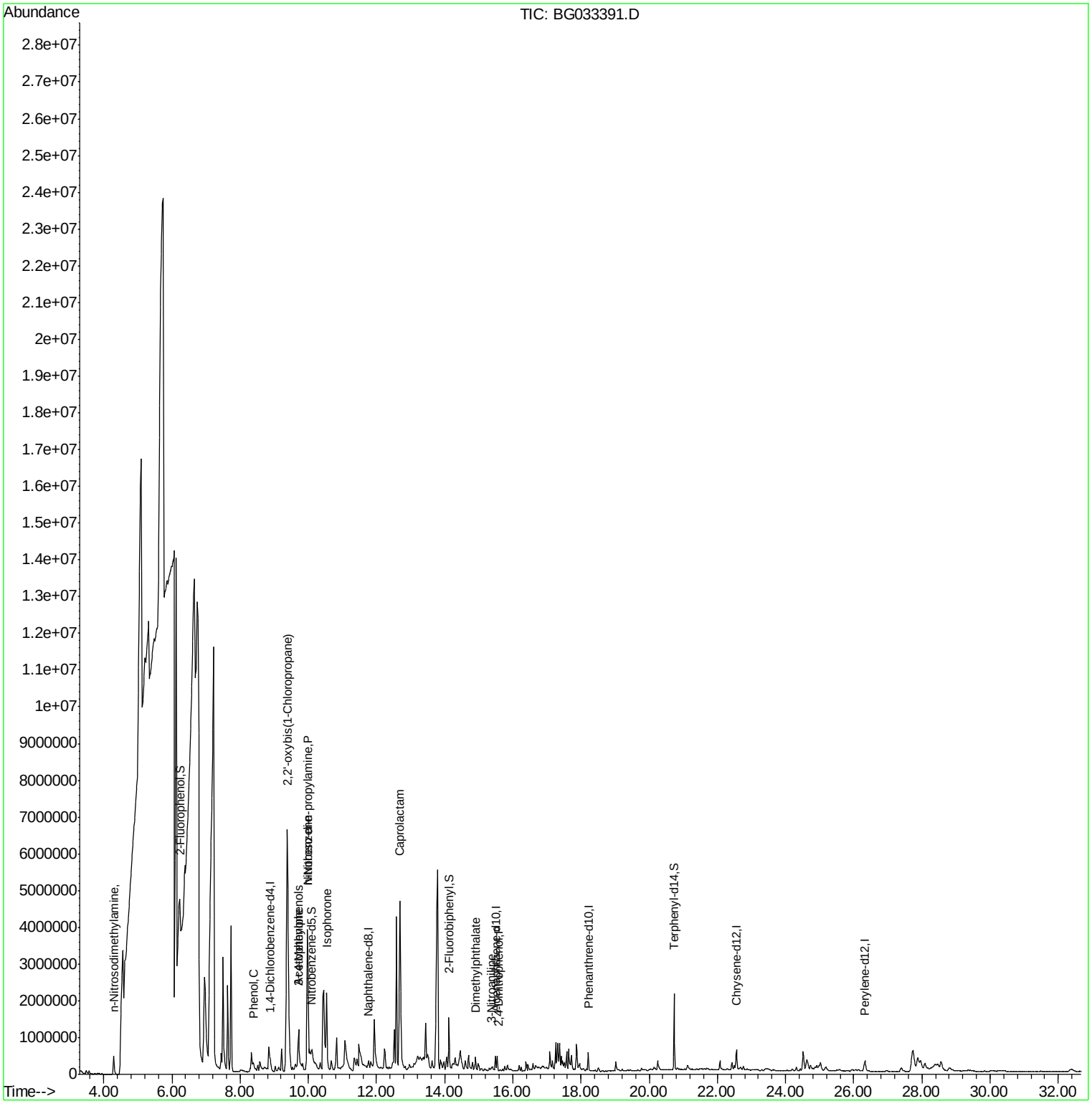
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032818\

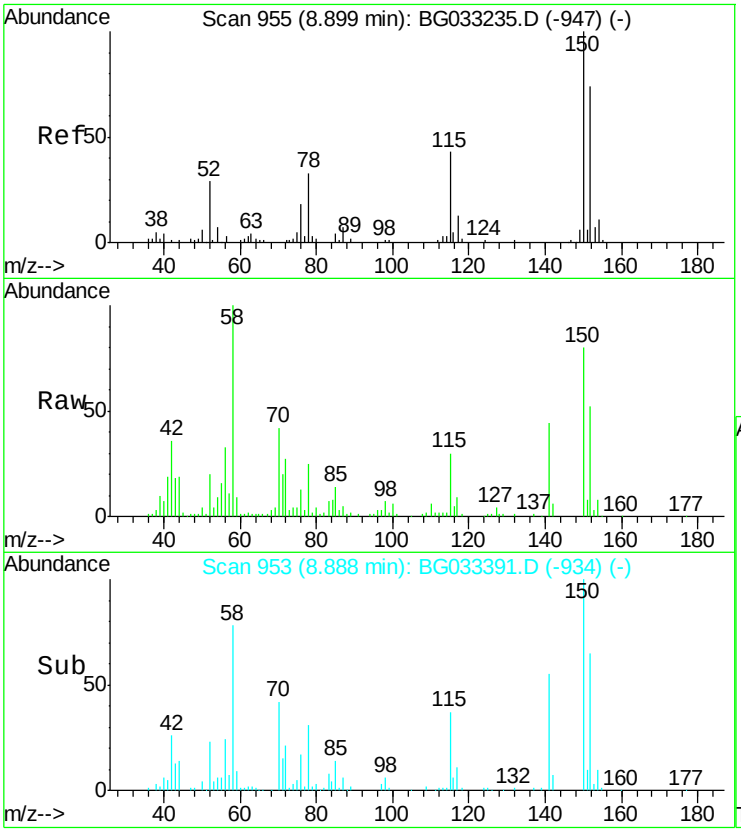
Quantitation Report (Not Reviewed)

Data File : BG033391.D
Acq On : 28 Mar 2018 18:21
Operator : SJ/JU
Sample : J2072-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB2

Quant Time: Mar 29 06:30:23 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration



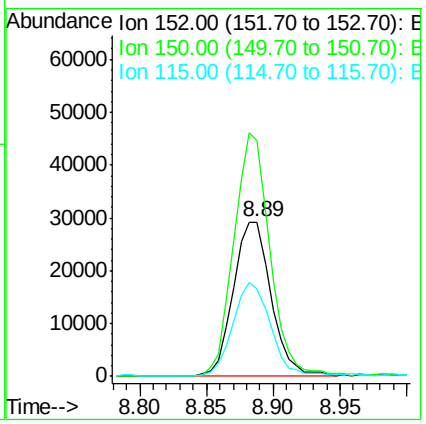


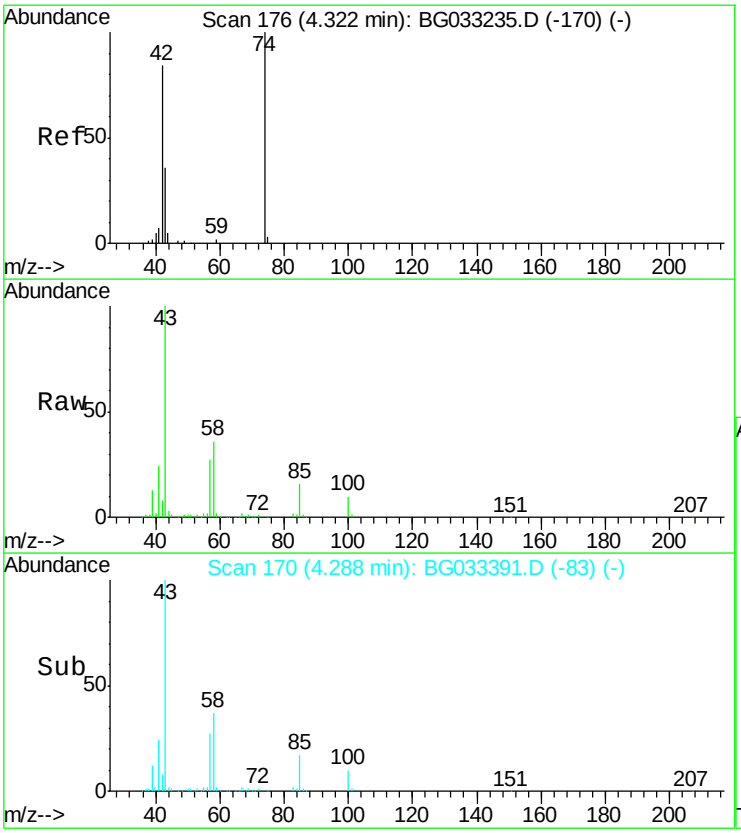
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.89 min Scan# 953
Delta R.T. 0.01 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:152 Resp: 57482

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	56.8	53.0	79.4

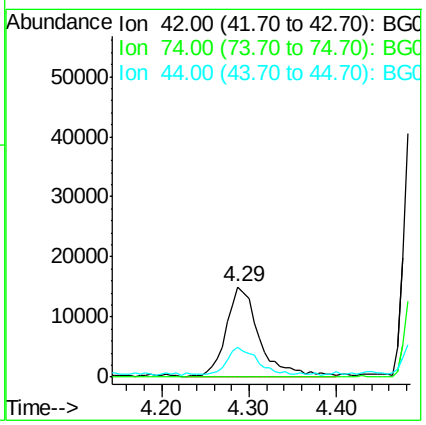


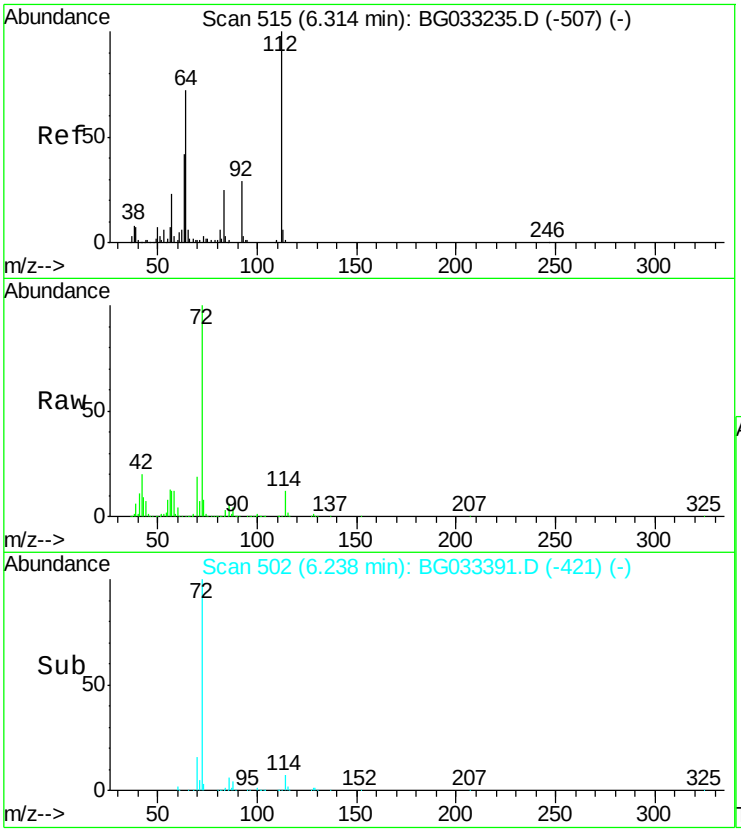


#4
n-Nitrosodimethylamine
Concen: 22.15 ng
RT: 4.29 min Scan# 170
Delta R.T. -0.02 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion: 42 Resp: 39117

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	33.1	18.9	28.3#



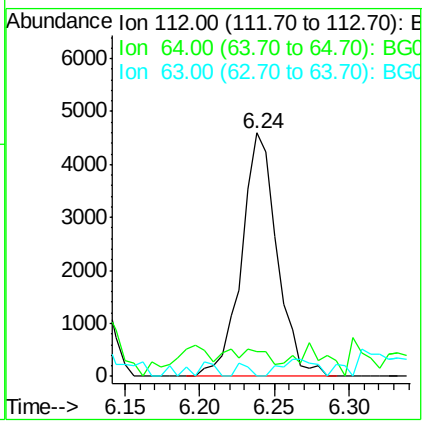


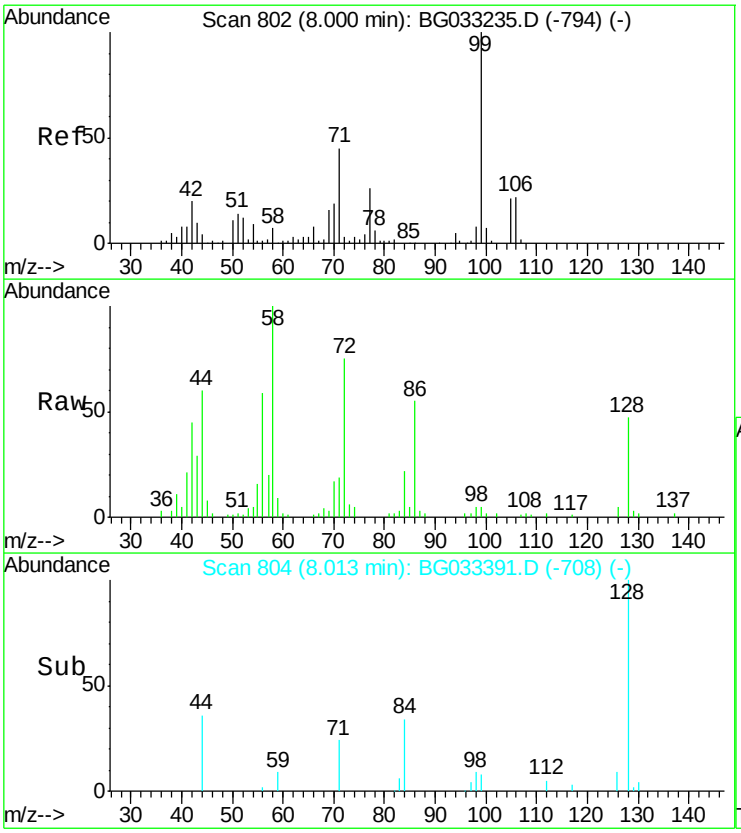
#5
2-Fluorophenol
Concen: 2.45 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.05 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:112 Resp: 7520

Ion	Ratio	Lower	Upper
112	100		
64	10.0	56.3	84.5#
63	0.0	30.1	45.1#

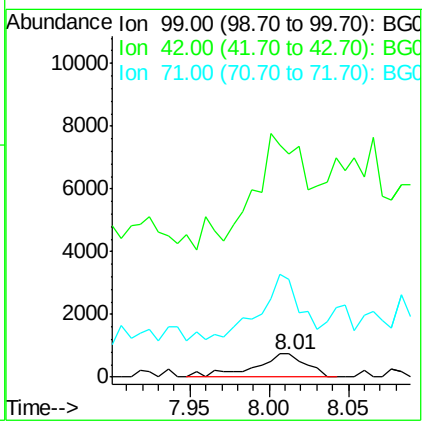


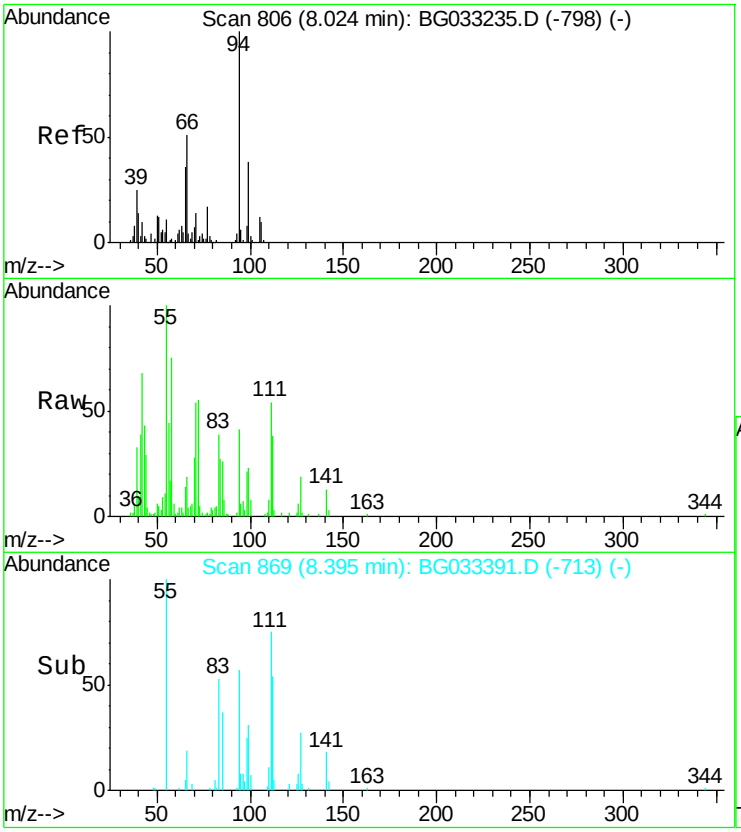


#7
Phenol-d6
Concen: 0.32 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.03 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion: 99 Resp: 1673

Ion	Ratio	Lower	Upper
99	100		
42	967.6	14.1	21.1#
71	420.6	26.1	39.1#



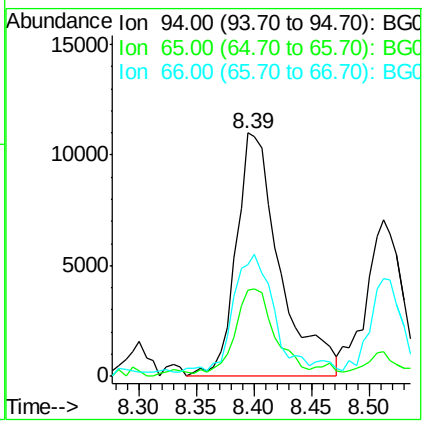


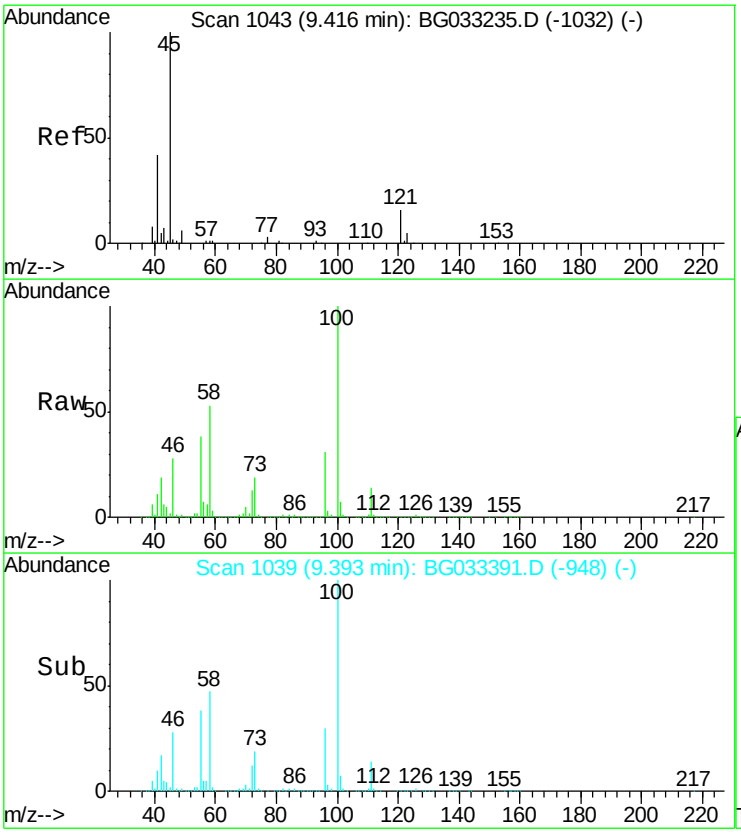
#10
Phenol
Concen: 5.58 ng
RT: 8.39 min Scan# 869
Delta R.T. 0.39 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion: 94 Resp: 29015

Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.9	51.9
66	45.7	22.2	62.2

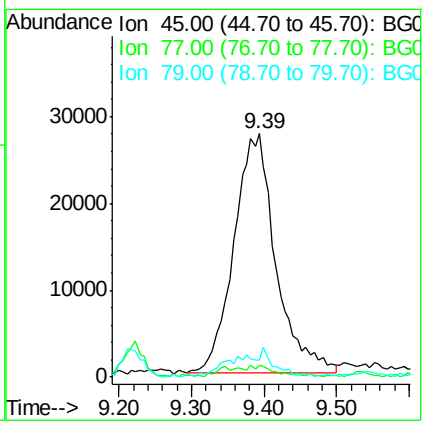


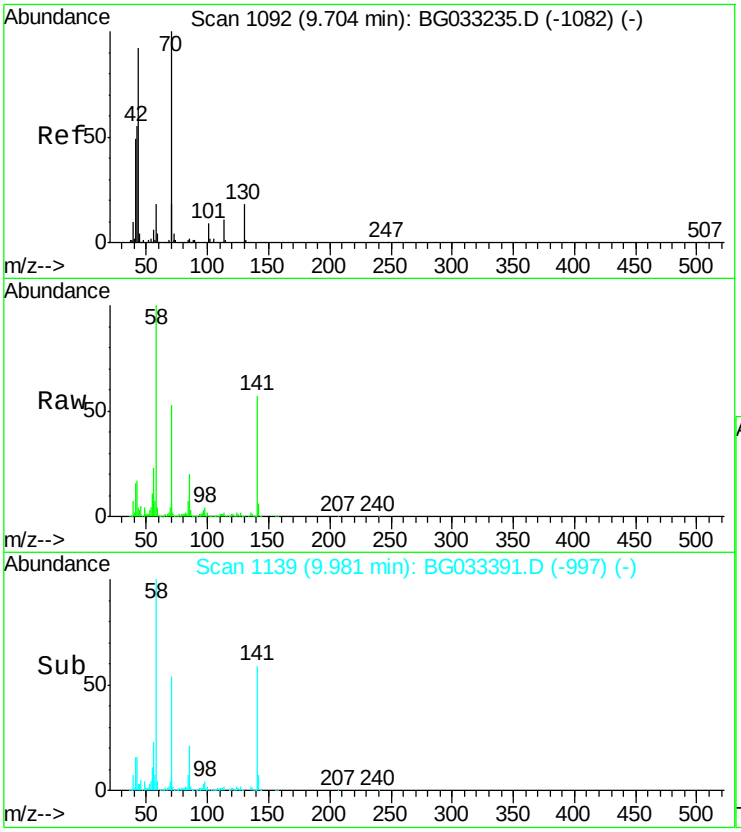


#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.93 ng
RT: 9.39 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion: 45 Resp: 110251

Ion	Ratio	Lower	Upper
45	100		
77	5.1	0.0	30.2
79	6.9	0.0	27.9



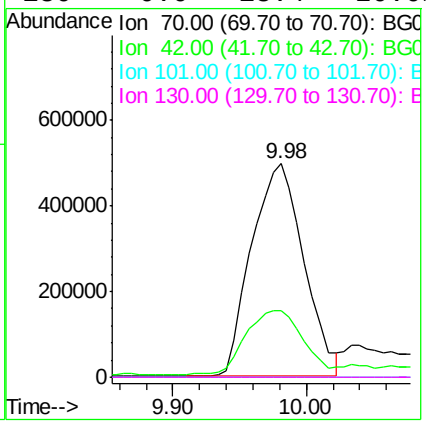


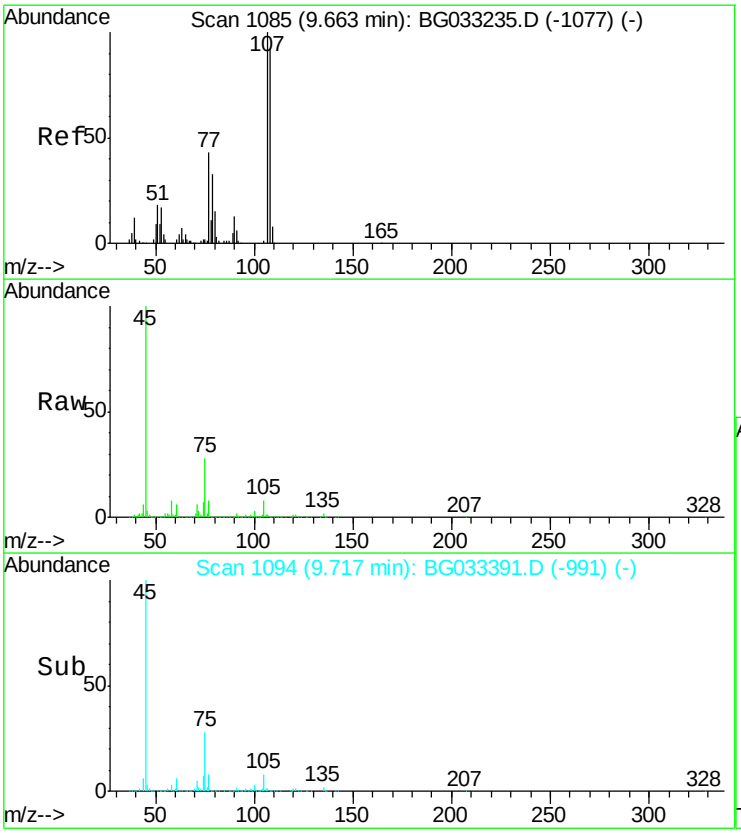
#19
n-Nitroso-di-n-propylamine
Concen: 347.33 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.30 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion: 70 Resp: 1340541

Ion	Ratio	Lower	Upper
70	100		
42	31.2	49.1	73.7#
101	0.2	8.5	12.7#
130	0.0	13.4	20.0#

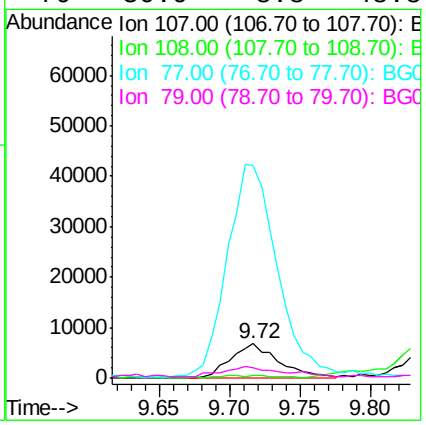


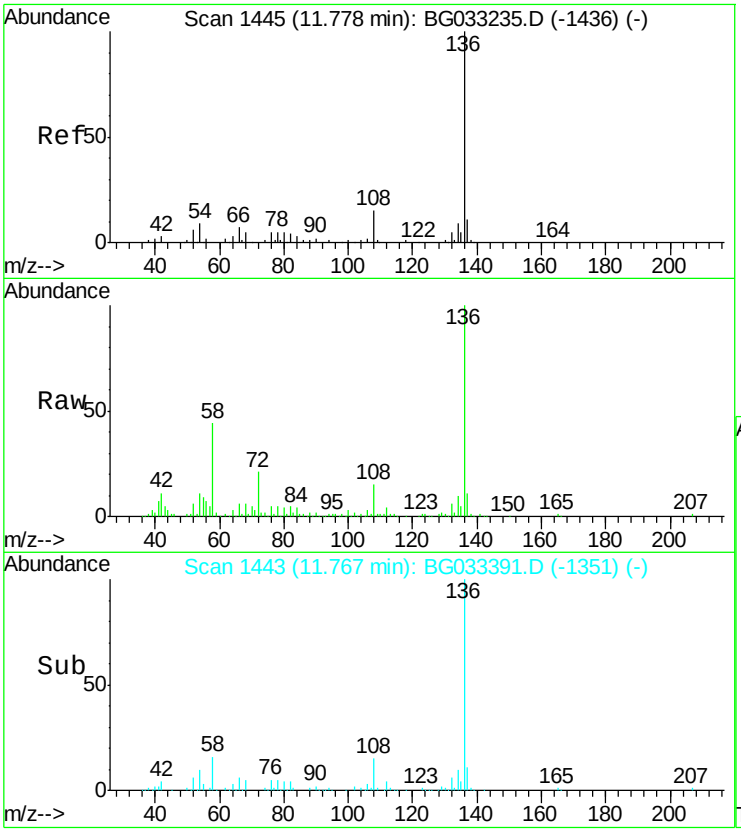


#20
3+4-Methylphenols
Concen: 3.19 ng
RT: 9.72 min Scan# 1094
Delta R.T. 0.07 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:107 Resp: 16096

Ion	Ratio	Lower	Upper
107	100		
108	7.2	61.6	101.6#
77	622.7	13.9	53.9#
79	30.9	8.8	48.8



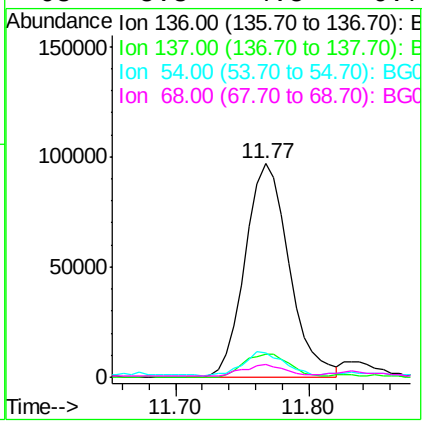


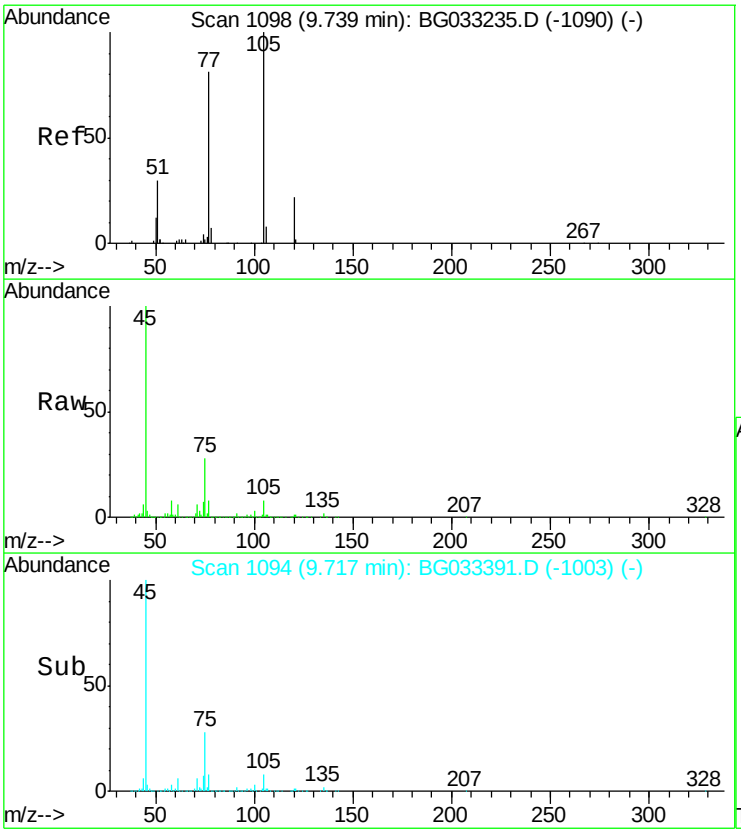
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.77 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:136 Resp: 221687

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	11.2	10.3	15.5
68	5.8	4.5	6.7

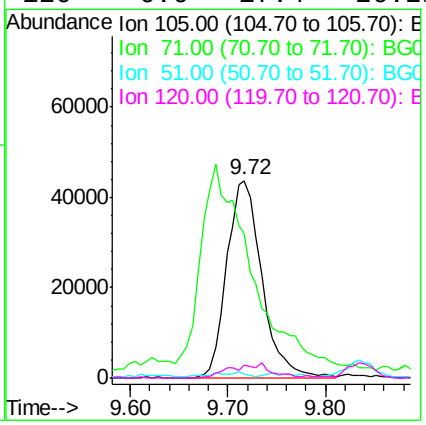


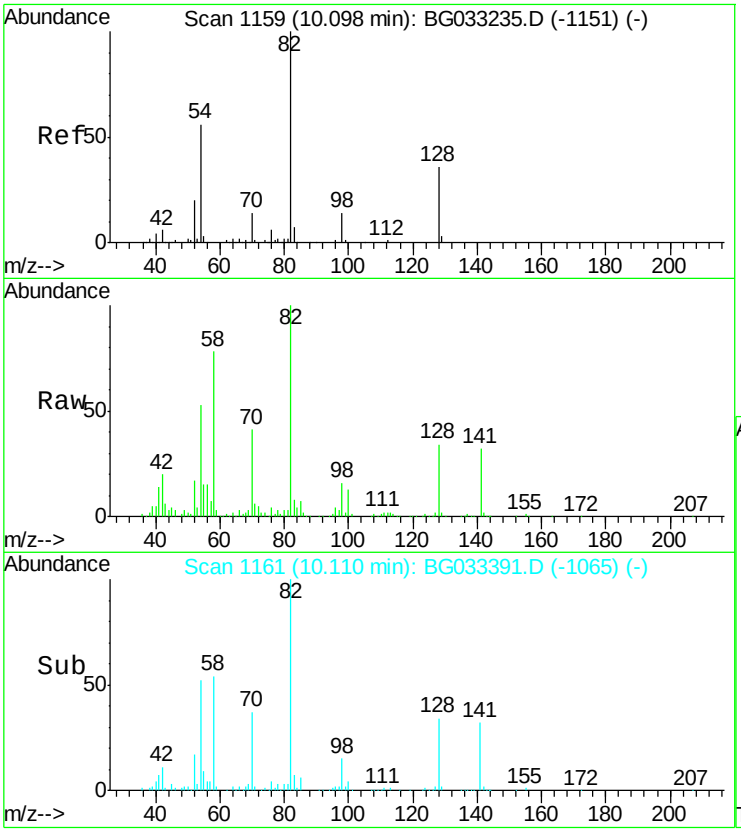


#22
Acetophenone
Concen: 17.98 ng
RT: 9.72 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:105 Resp: 109186

Ion	Ratio	Lower	Upper
105	100		
71	73.1	3.0	4.4#
51	2.2	26.1	39.1#
120	6.6	17.4	26.2#



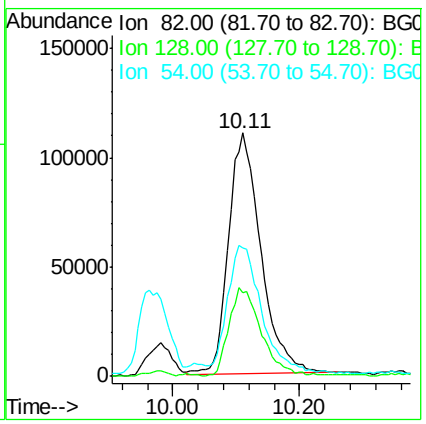


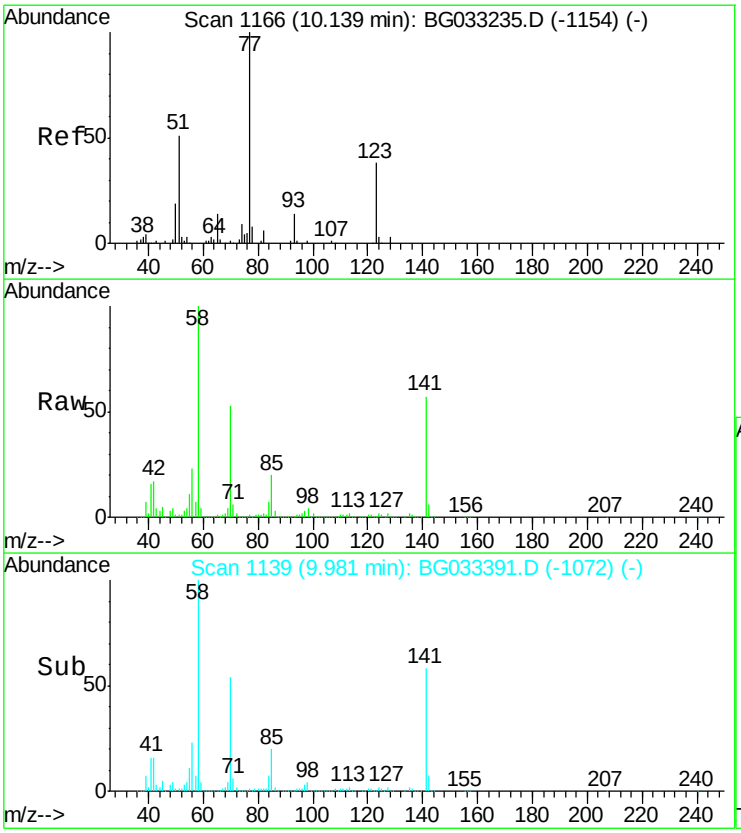
#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.03 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion: 82 Resp: 387951

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	52.5	43.1	64.7

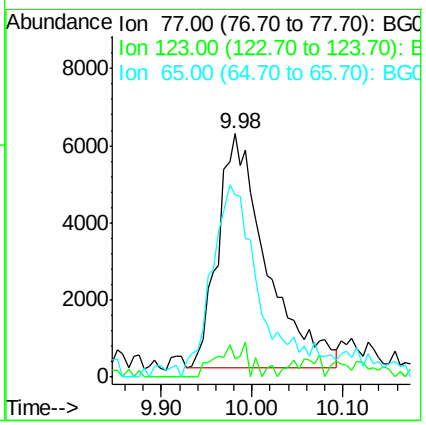


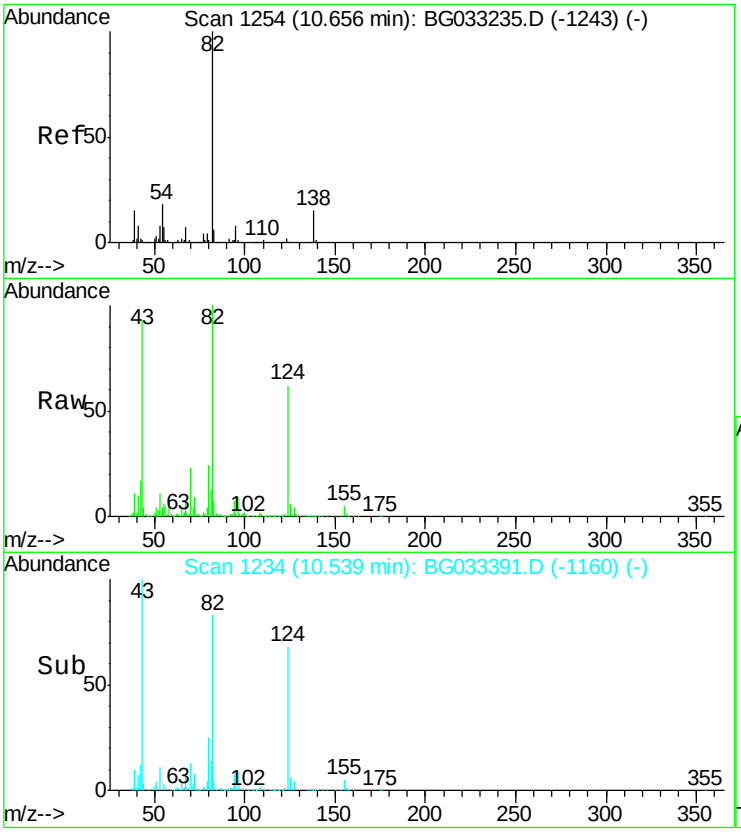


#24
Nitrobenzene
Concen: 4.36 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.14 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion: 77 Resp: 22505

Ion	Ratio	Lower	Upper
77	100		
123	7.5	33.0	49.6#
65	74.8	13.0	19.6#



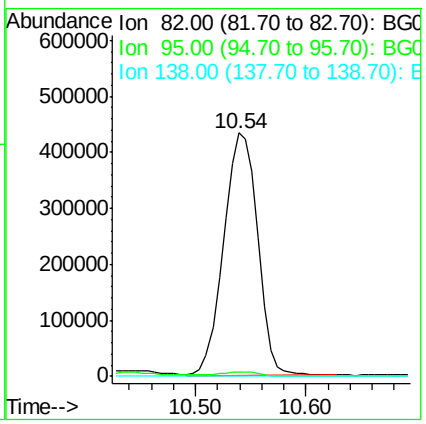


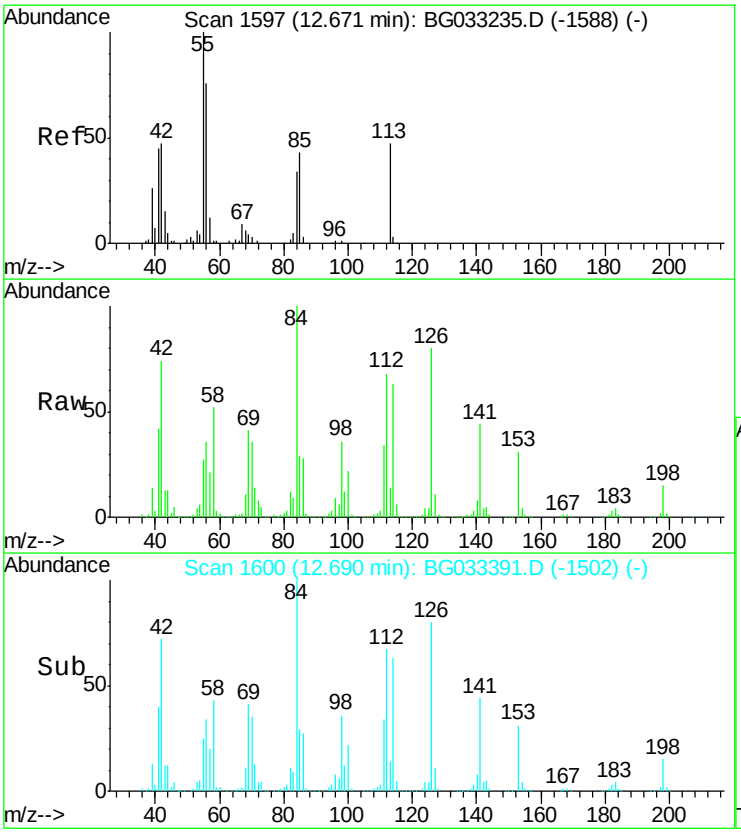
#25
Isophorone
Concen: 99.54 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.10 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion: 82 Resp: 932191

Ion	Ratio	Lower	Upper
82	100		
95	1.7	6.2	9.2#
138	0.1	12.1	18.1#

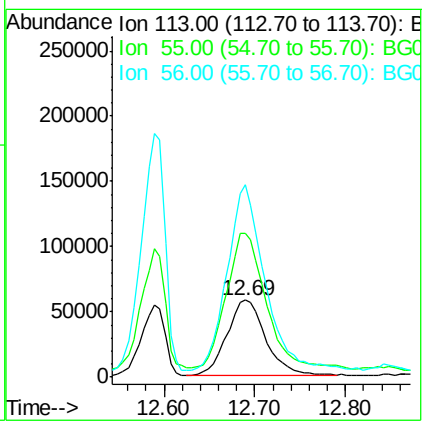


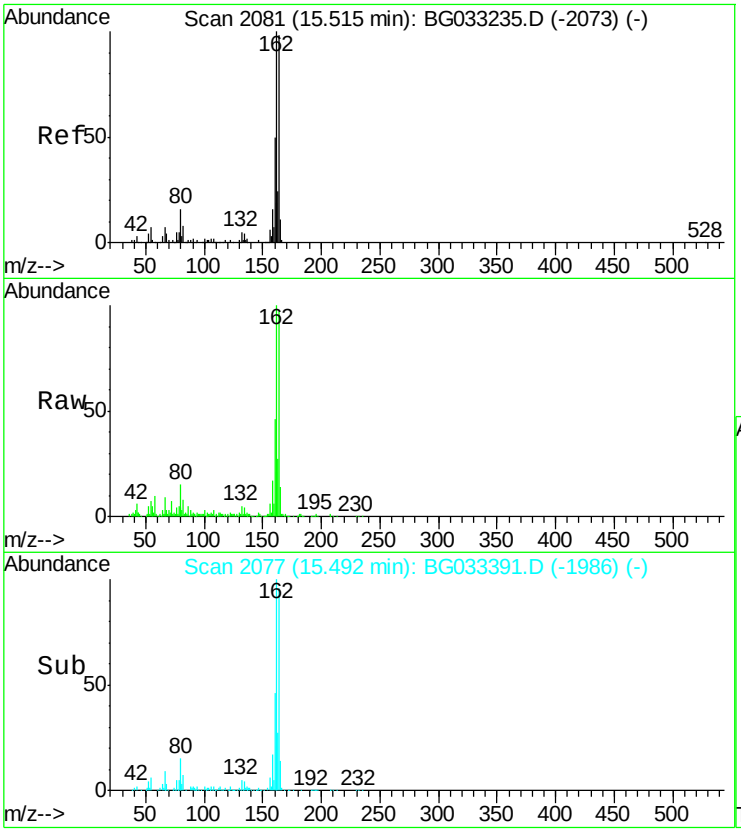


#35
Caprolactam
Concen: 128.06 ng
RT: 12.69 min Scan# 1600
Delta R.T. 0.05 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:113 Resp: 175257

Ion	Ratio	Lower	Upper
113	100		
55	187.3	186.9	226.9
56	249.0	130.9	170.9#



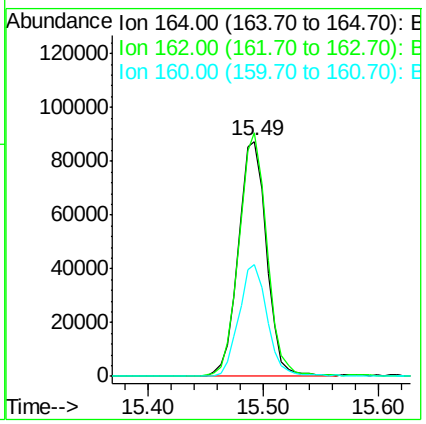


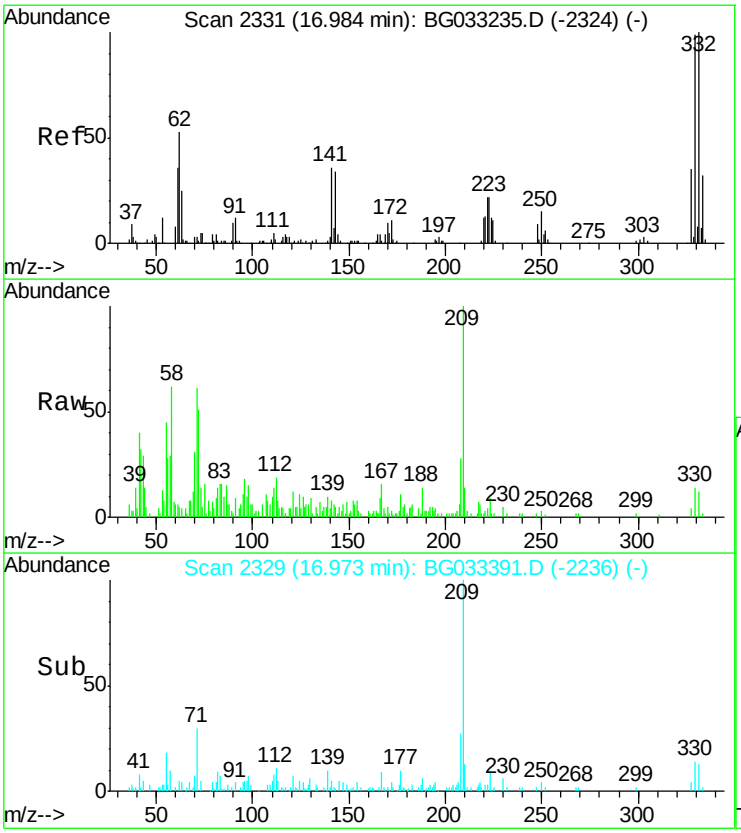
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:164 Resp: 149060

Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	47.7	35.4	53.0

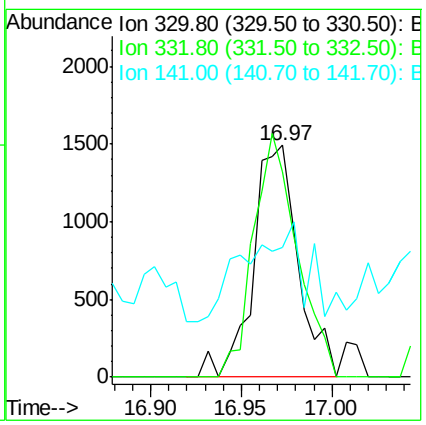


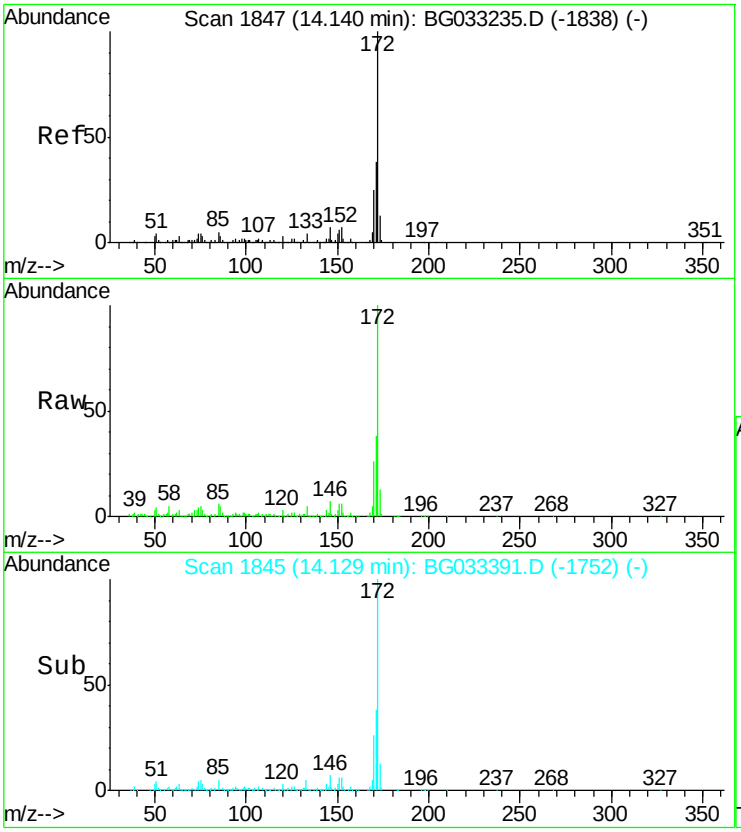


#41
2,4,6-Tribromophenol
Concen: 1.15 ng
RT: 16.97 min Scan# 2329
Delta R.T. 0.02 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:330 Resp: 2568

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	59.0	25.2	37.8#



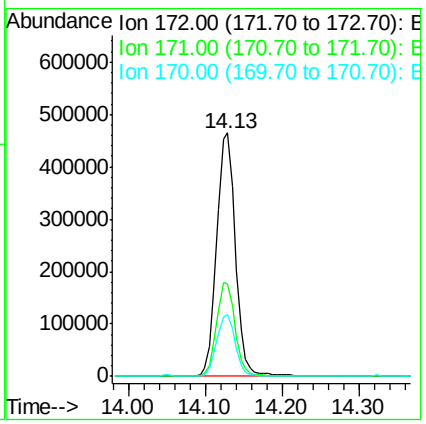


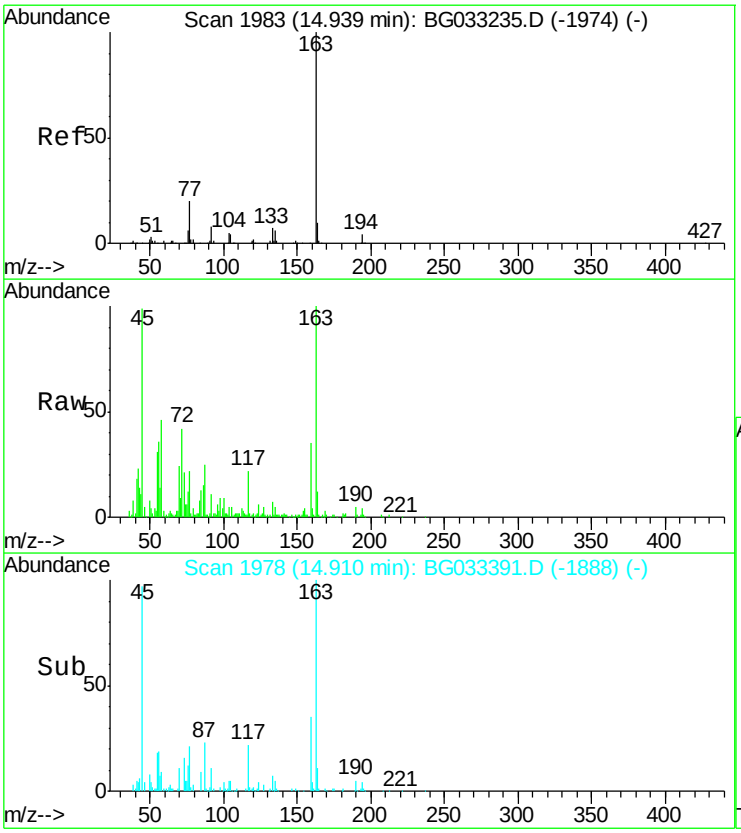
#44
2-Fluorobiphenyl
Concen: 75.73 ng
RT: 14.13 min Scan# 1845
Delta R.T. 0.02 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:172 Resp: 781948

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.6	19.5	29.3

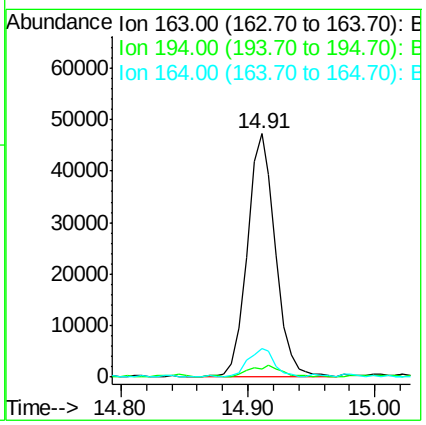


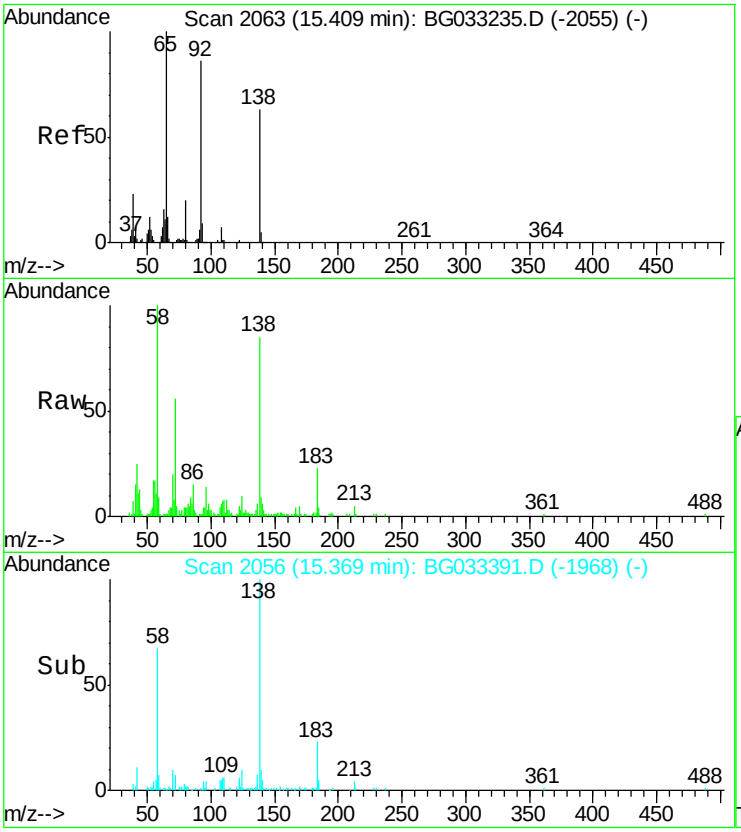


#49
Dimethylphthalate
Concen: 5.63 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:163 Resp: 73040

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	11.9	8.2	12.4



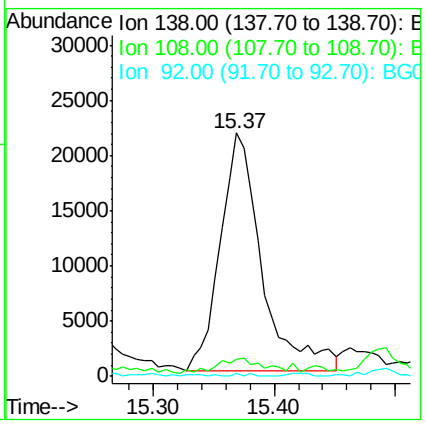


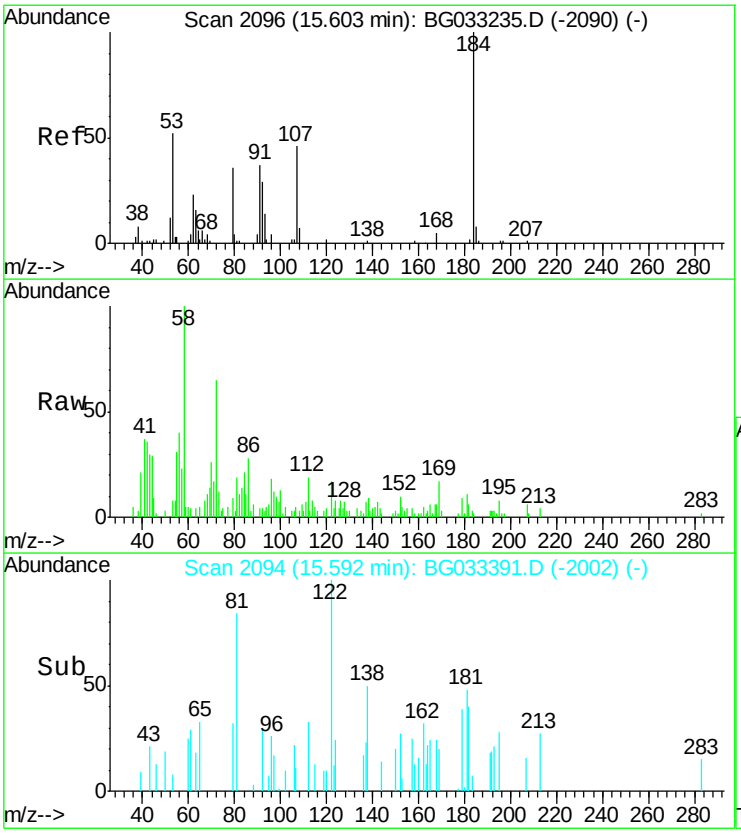
#52
3-Nitroaniline
Concen: 18.45 ng
RT: 15.37 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:138 Resp: 51315

Ion	Ratio	Lower	Upper
138	100		
108	6.9	17.5	26.3#
92	1.1	105.8	158.8#

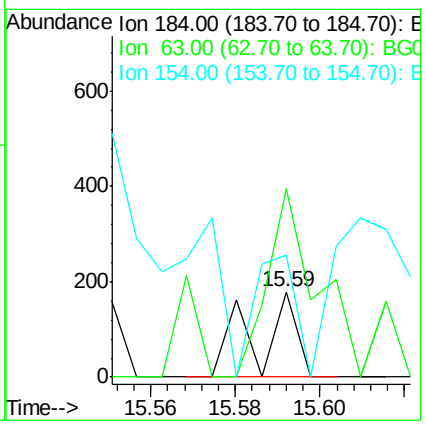


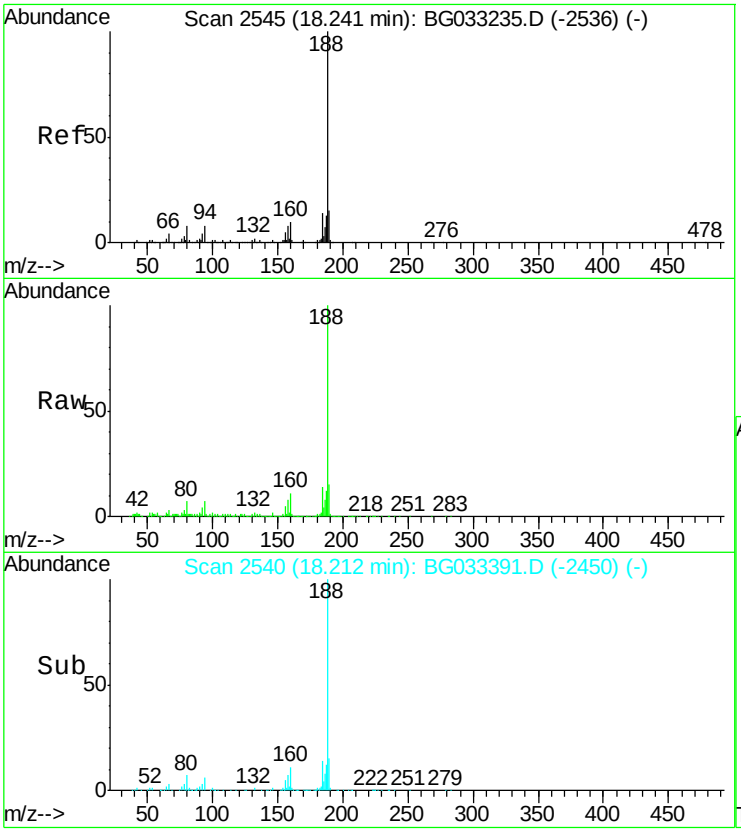


#53
2,4-Dinitrophenol
Concen: 7.72 ng
RT: 15.59 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	221.8	59.8	89.8#
154	143.0	101.8	152.8



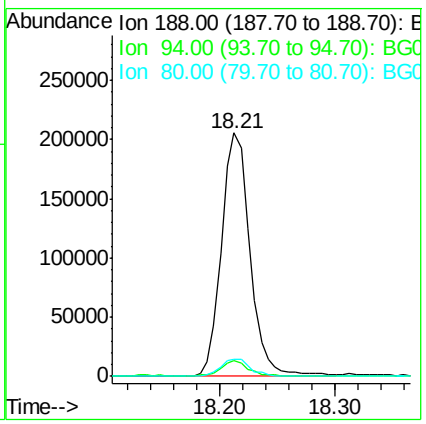


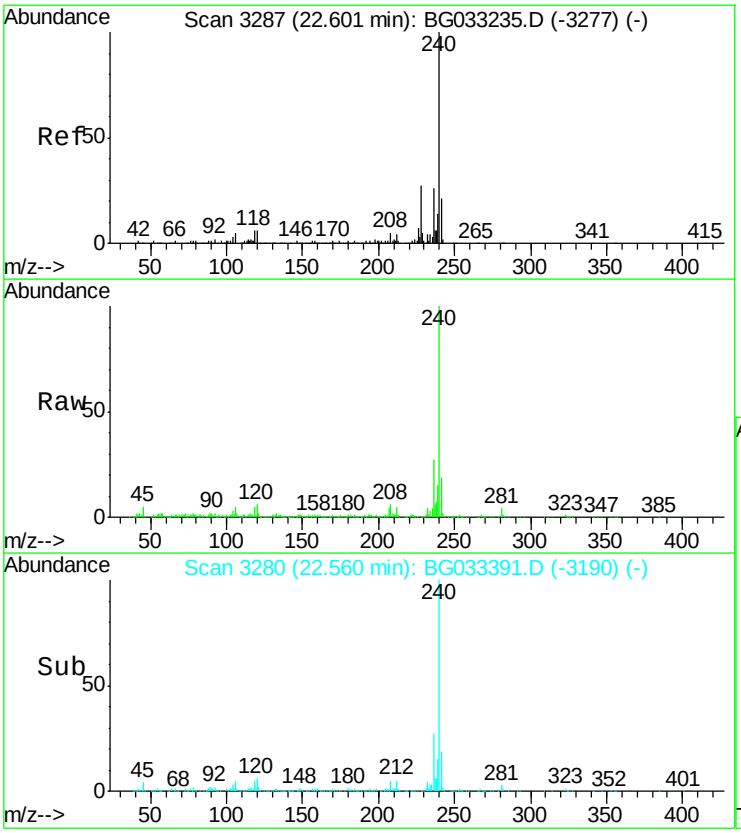
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:188 Resp: 351288

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	7.7	11.5#

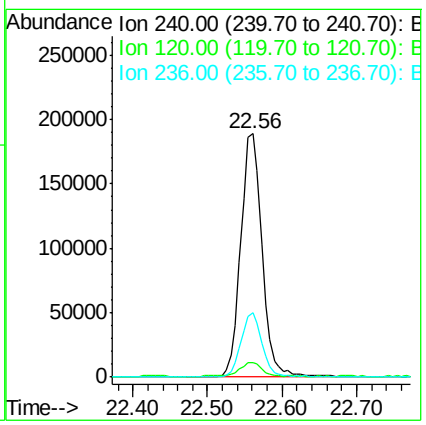


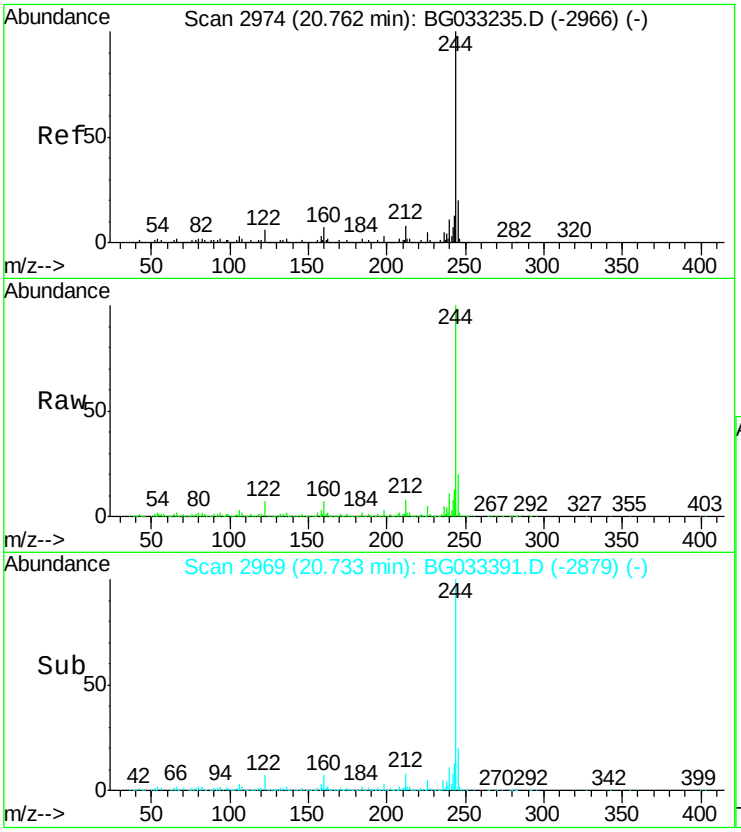


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:240 Resp: 374195

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.6	20.9	31.3



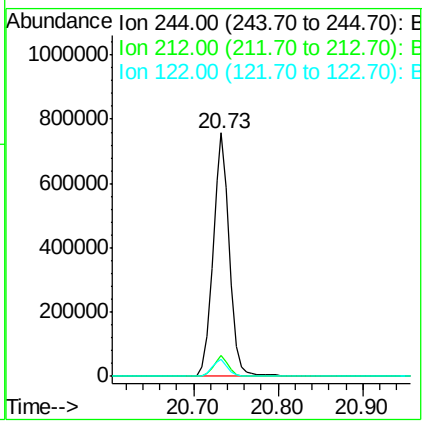


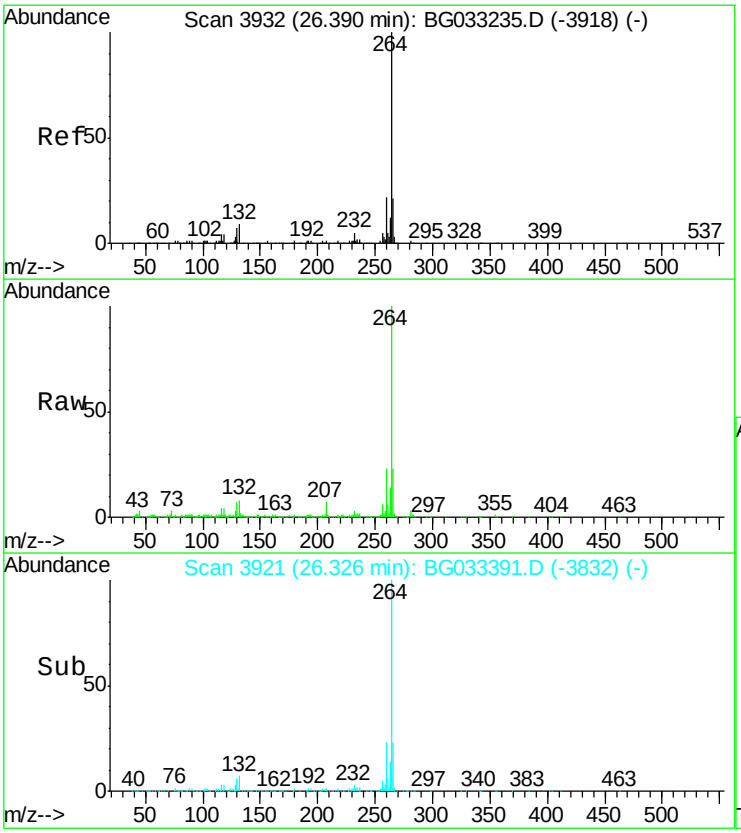
#78
Terphenyl-d14
Concen: 58.94 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Instrument :
BNA_G
ClientSampleId :
C0AB2

Tgt Ion:244 Resp: 1031250

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033391.D
Acq: 28 Mar 2018 18:21

Tgt Ion:264 Resp: 401507

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	23.2	17.7	26.5