Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 28 07:57:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38351	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	162349	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	124998	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	314422	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	327388	20.00	ng	-0.04
86) Perylene-d12	26.33	264	353319	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73014	35.70	ng	-0.02
7) Phenol-d6	7.98	99	64925	18.48	ng	-0.02
23) Nitrobenzene-d5	10.07	82	314141	88.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	176299	94.30	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	798137	92.18	ng	-0.02
78) Terphenyl-d14	20.73	244	1414251	92.38	ng	-0.02
Target Compounds						Qvalue
3) Pyridine	4.39	79	8163	2.843	ng	# 44
9) Benzaldehyde	7.96	77	27614	12.365	ng	# 1
10) Phenol	8.00	94	8851	2.551	ng	# 64
15) Benzyl Alcohol	9.12	79	6153	2.224	ng	# 47
18) Hexachloroethane	10.00	117	85447	72.316	ng	# 1
22) Acetophenone	9.68	105	102545	23.055	ng	# 55
24) Nitrobenzene	10.08	77	21688	5.734	ng	# 11
27) 2,4-Dimethylphenol	10.90	122	8317	3.998	ng	82
31) Naphthalene	11.80	128	24465	2.908	ng	# 77
49) Dimethylphthalate	14.91	163	49815	4.579	ng	# 92
53) 2,4-Dinitrophenol	15.59	184	145	7.757	ng	# 1
76) Benzidine	20.73	184	23482	2.645	ng	# 92

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

Quantitation Report (Not Reviewed)

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Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
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Misc :
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Instrument :
BNA_G
ClientSampleId :

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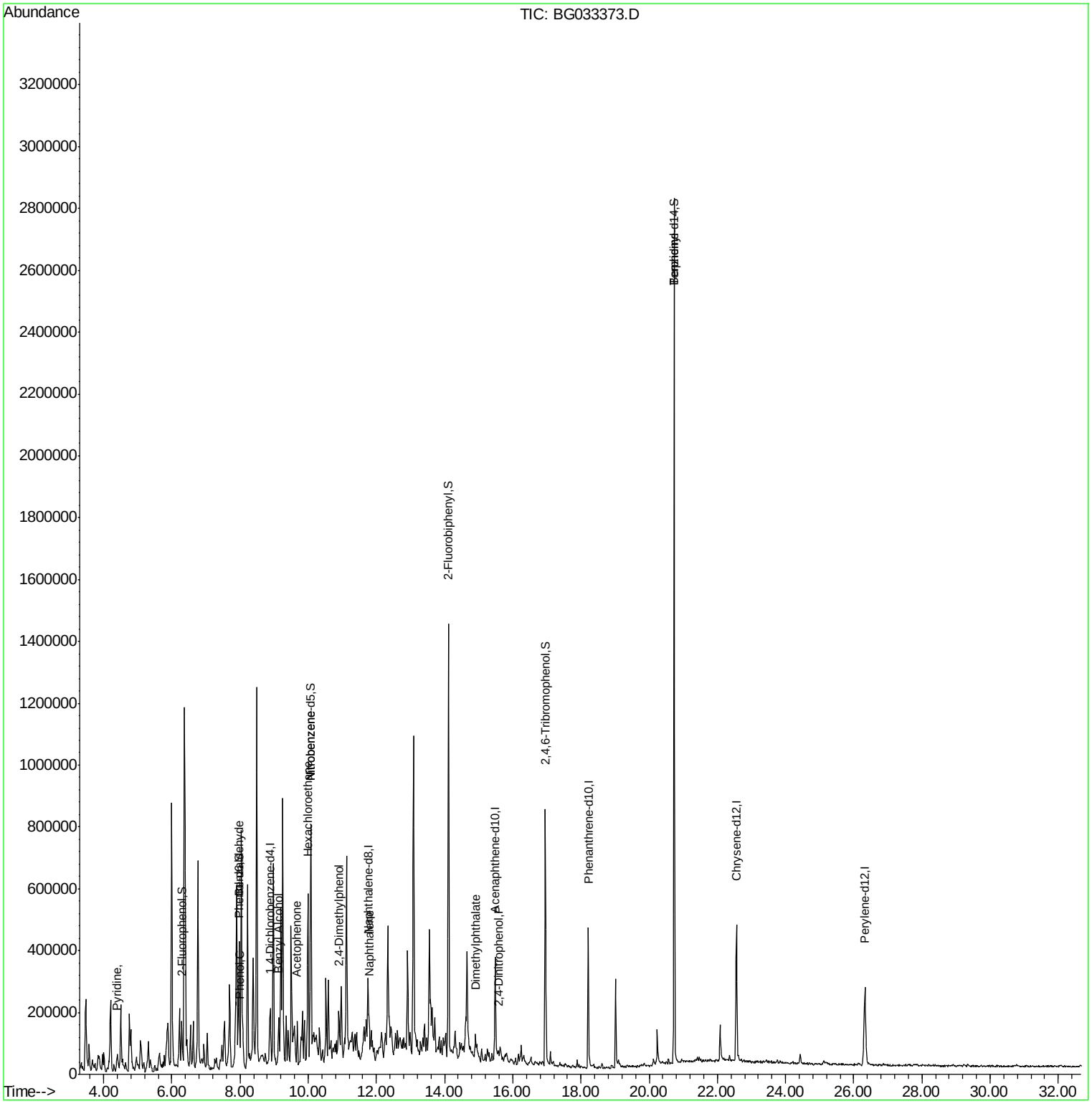
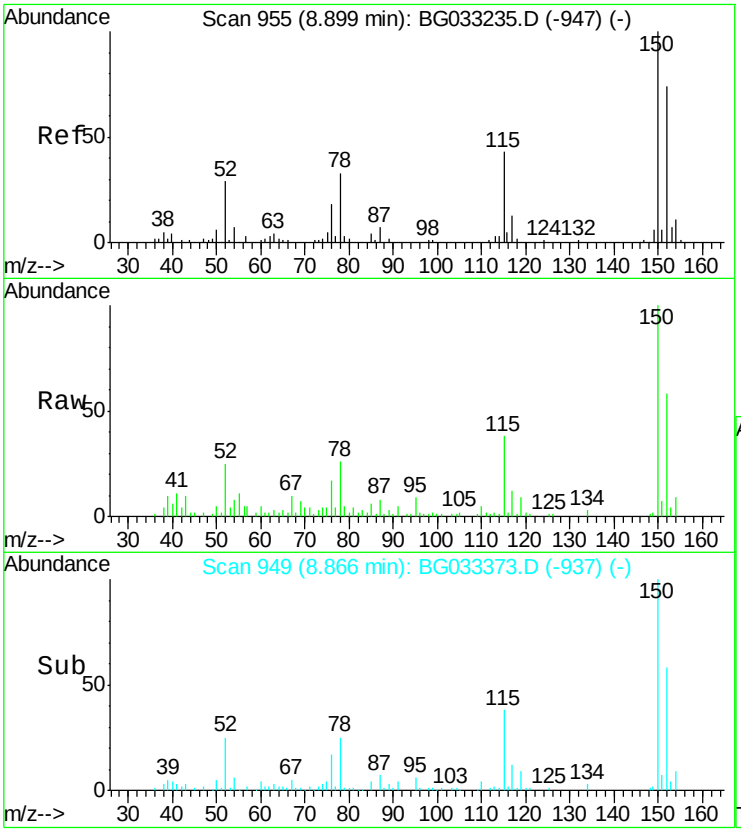


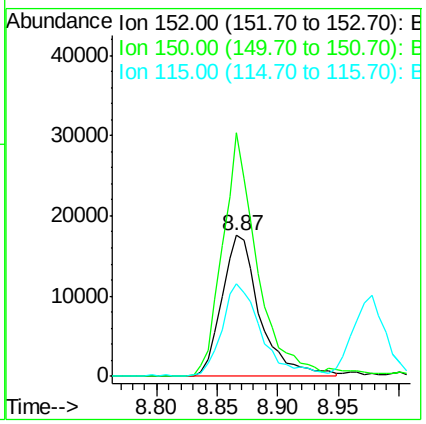


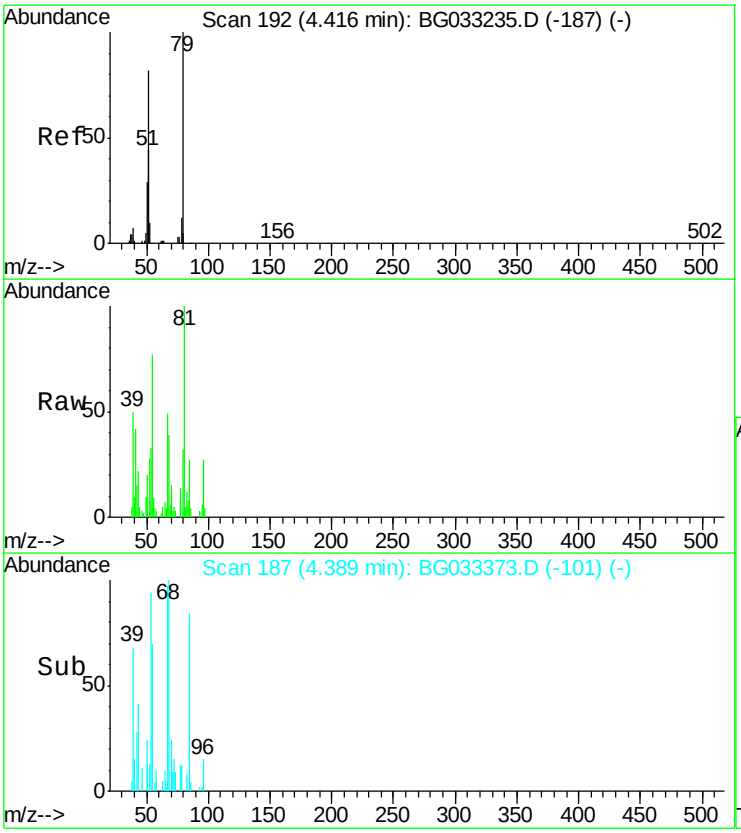
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38351

Ion	Ratio	Lower	Upper
152	100		
150	172.8	126.6	189.8
115	66.0	53.0	79.4

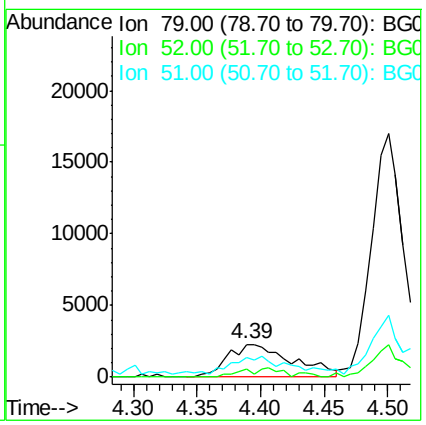


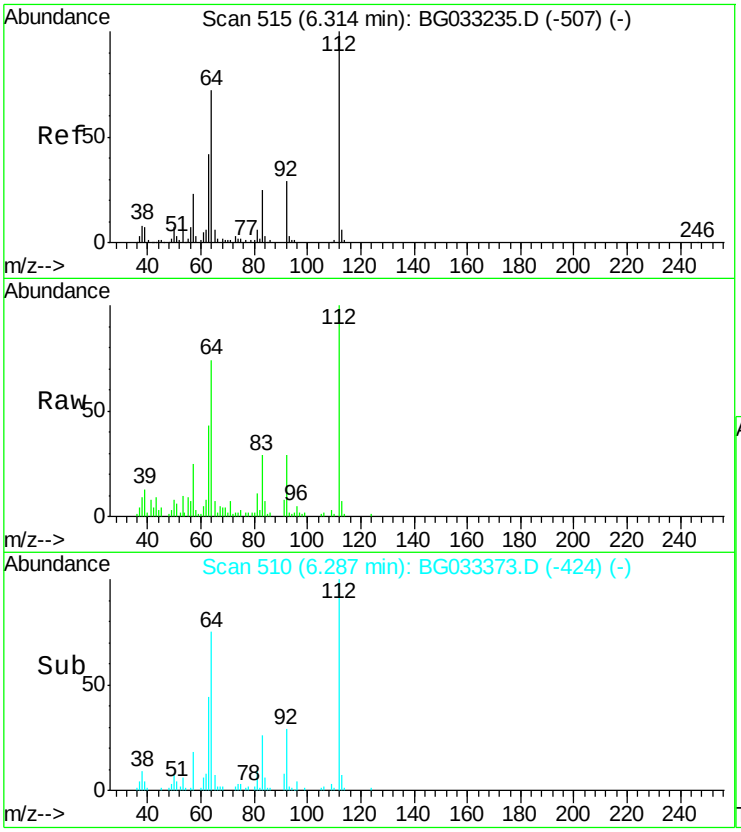


#3
Pyridine
Concen: 2.843 ng
RT: 4.39 min Scan# 187
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion: 79 Resp: 8163

Ion	Ratio	Lower	Upper
79	100		
52	23.4	69.9	104.9#
51	60.9	34.0	51.0#



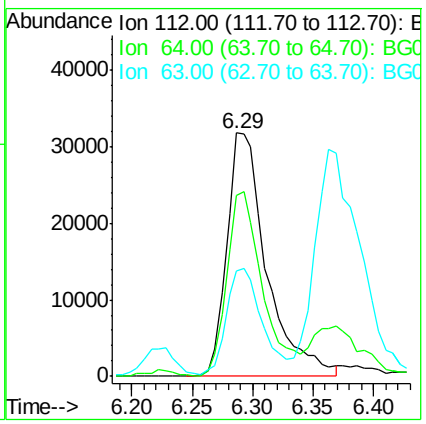


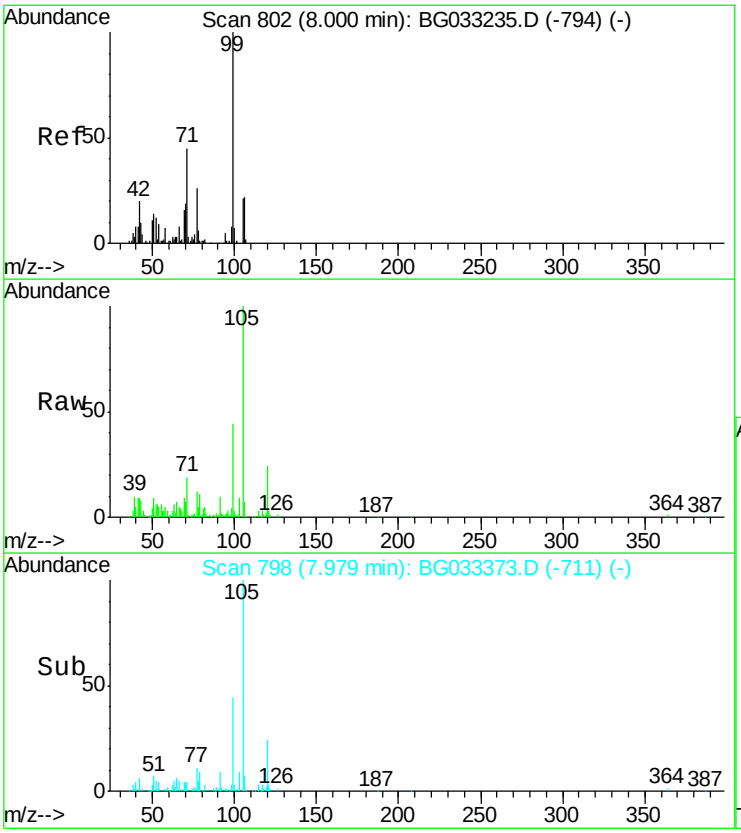
#5
2-Fluorophenol
Concen: 35.699 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 73014

Ion	Ratio	Lower	Upper
112	100		
64	74.2	56.3	84.5
63	43.3	30.1	45.1

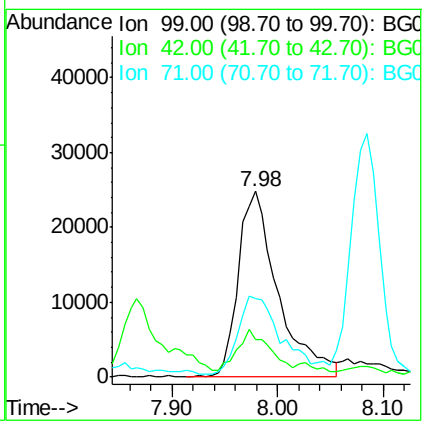


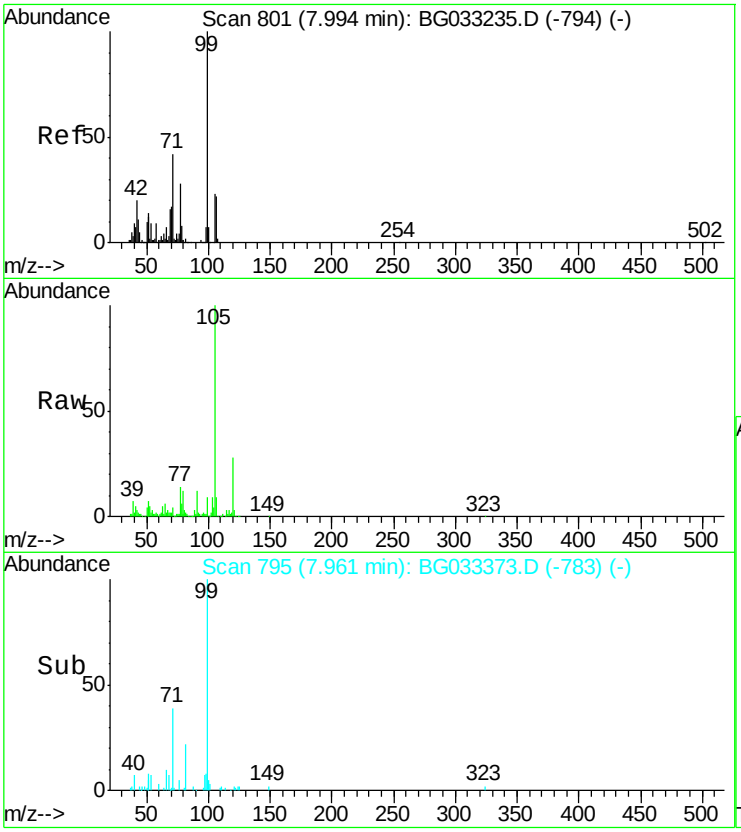


#7
Phenol-d6
Concen: 18.475 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion: 99 Resp: 64925

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	42.5	26.1	39.1#



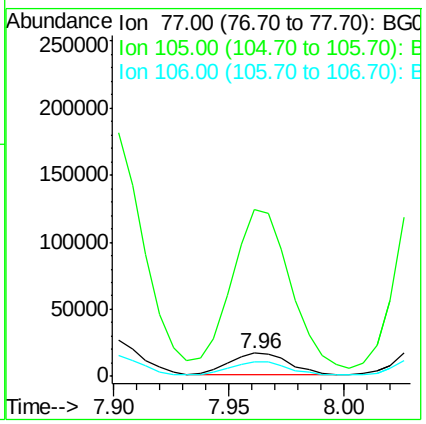


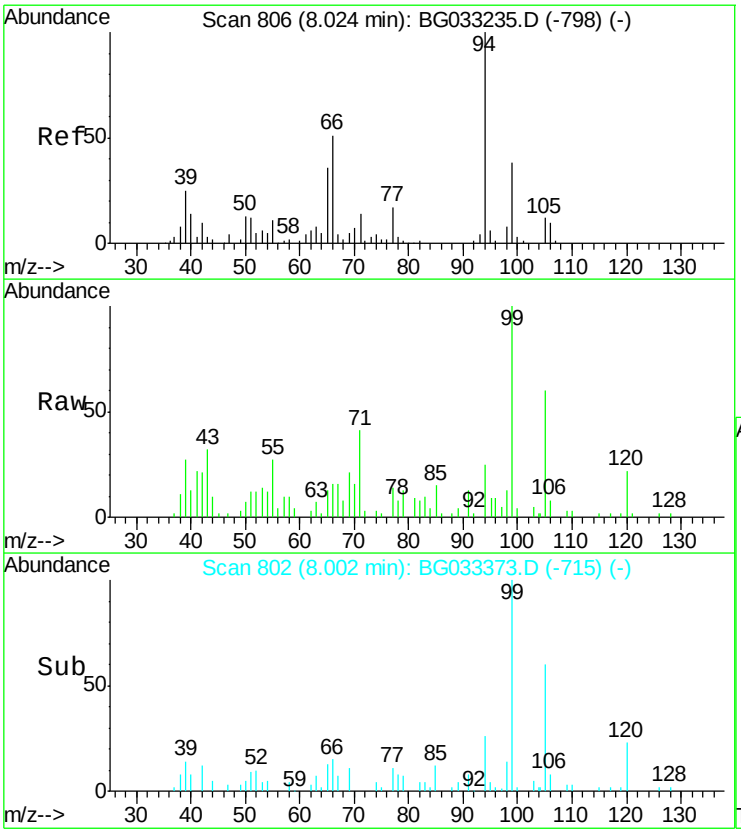
#9
Benzaldehyde
Concen: 12.365 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 27614

Ion	Ratio	Lower	Upper
77	100		
105	726.8	71.3	111.3#
106	63.8	64.2	104.2#

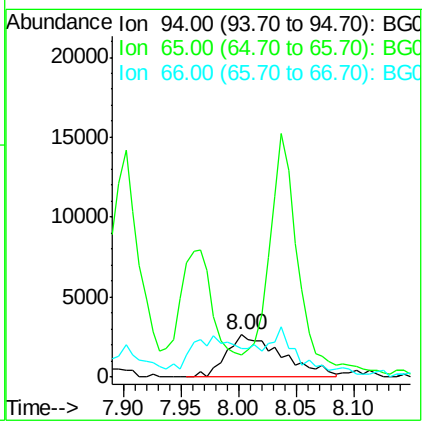


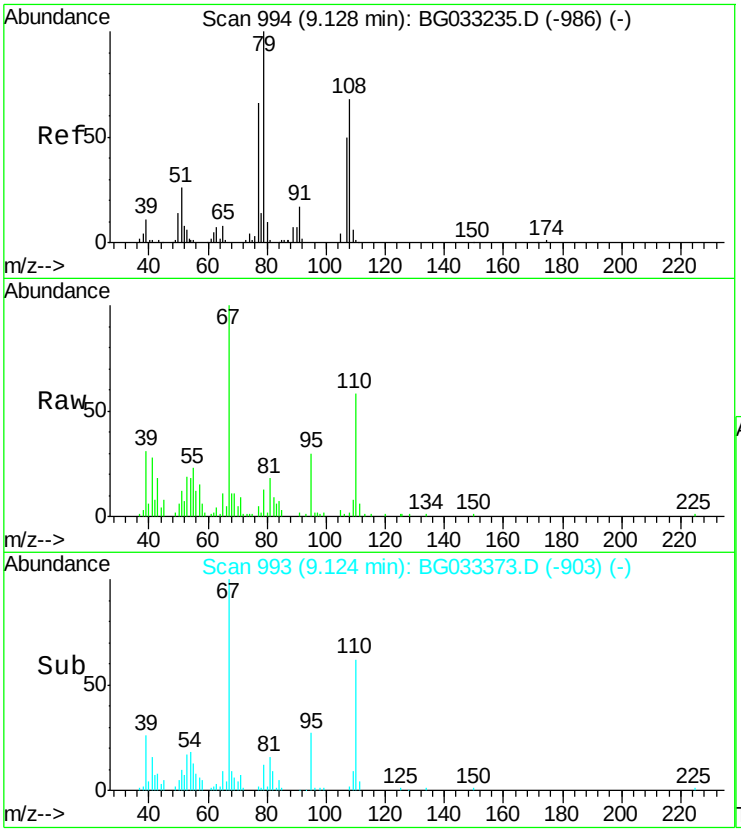


#10
Phenol
Concen: 2.551 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion: 94 Resp: 8851

Ion	Ratio	Lower	Upper
94	100		
65	51.2	11.9	51.9
66	66.0	22.2	62.2#



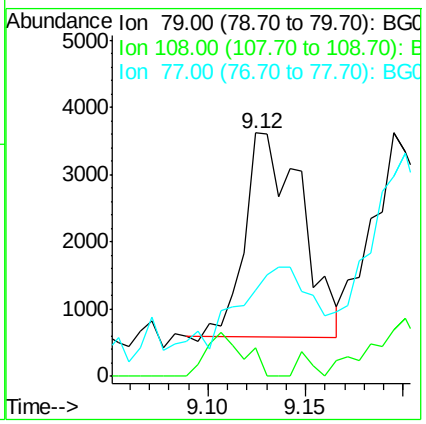


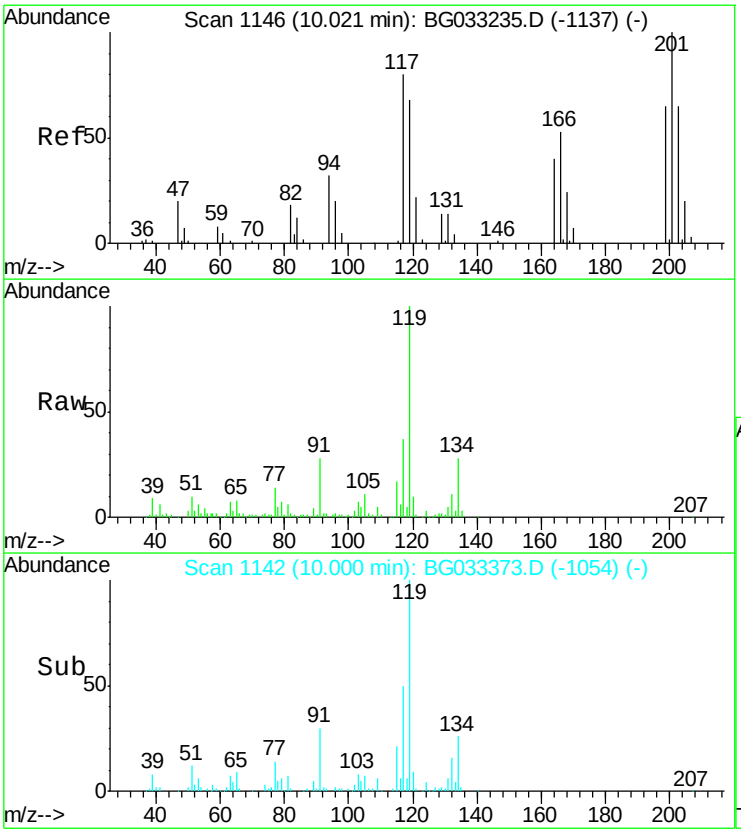
#15
Benzyl Alcohol
Concen: 2.224 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6153

Ion	Ratio	Lower	Upper
79	100		
108	12.0	57.2	85.8#
77	35.4	46.1	69.1#

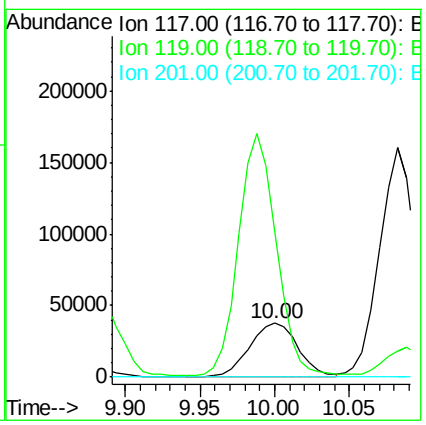


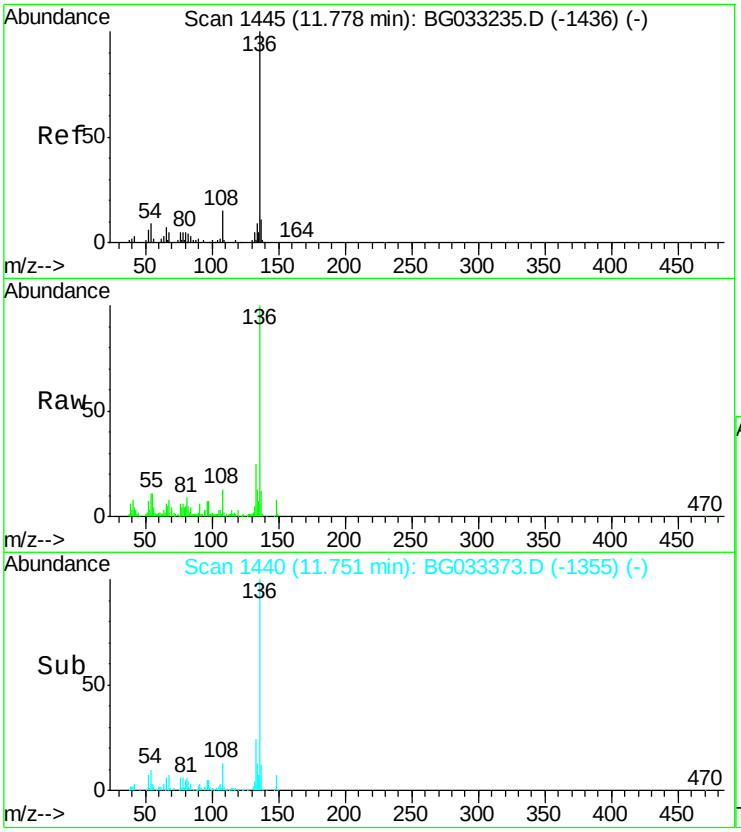


#18
Hexachloroethane
Concen: 72.316 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:117 Resp: 85447

Ion	Ratio	Lower	Upper
117	100		
119	268.5	76.7	115.1#
201	0.0	95.7	143.5#



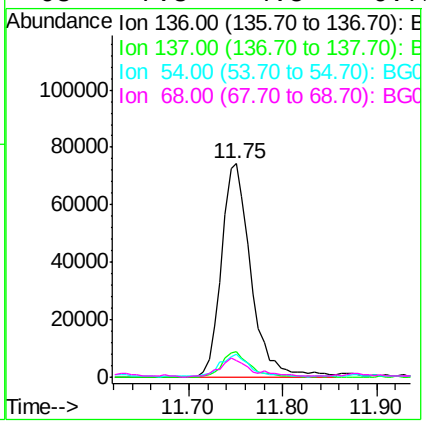


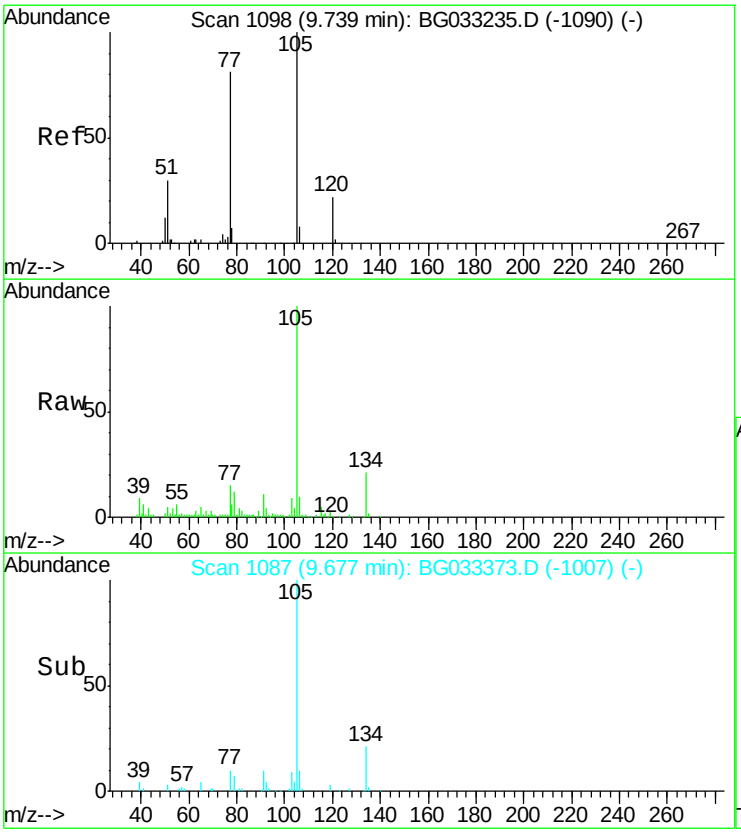
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 162349

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	11.0	10.3	15.5
68	7.8	4.5	6.7#

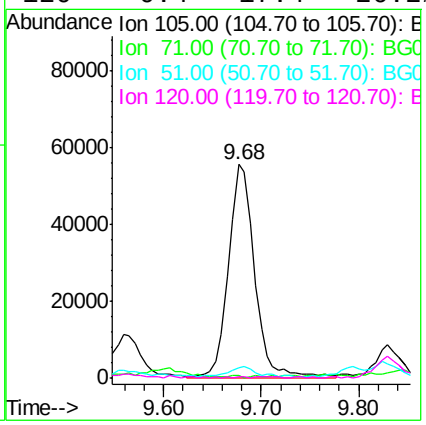


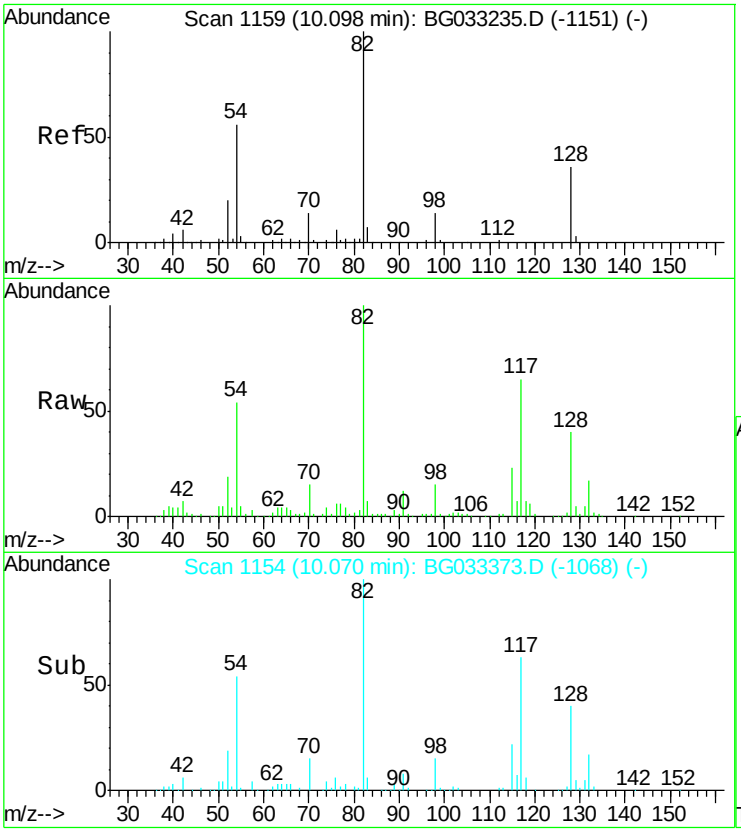


#22
Acetophenone
Concen: 23.055 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.06 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:105 Resp: 102545

Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	5.0	26.1	39.1#
120	0.4	17.4	26.2#



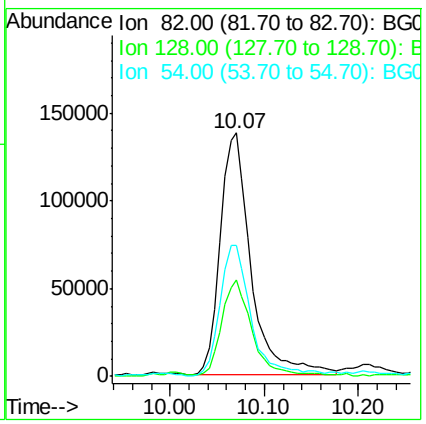


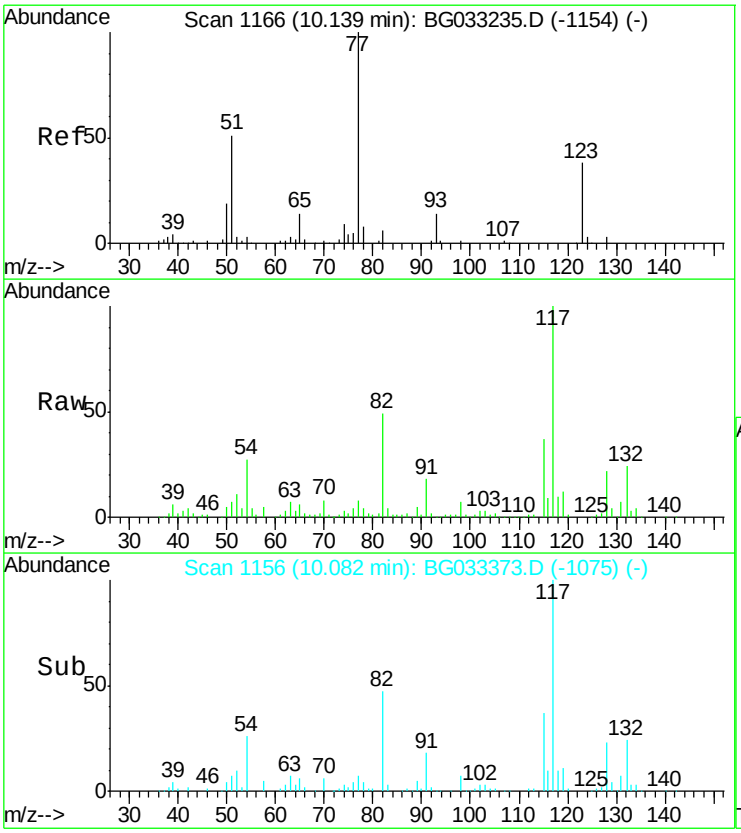
#23
Nitrobenzene-d5
Concen: 88.901 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 314141

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.7	44.5
54	54.0	43.1	64.7

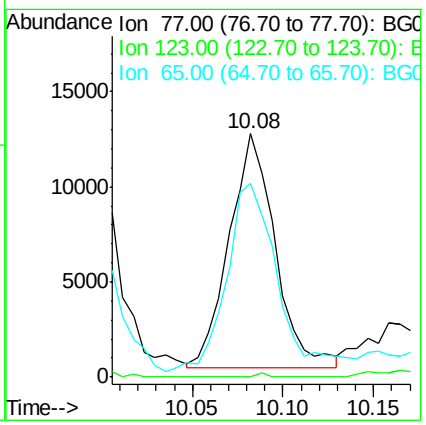


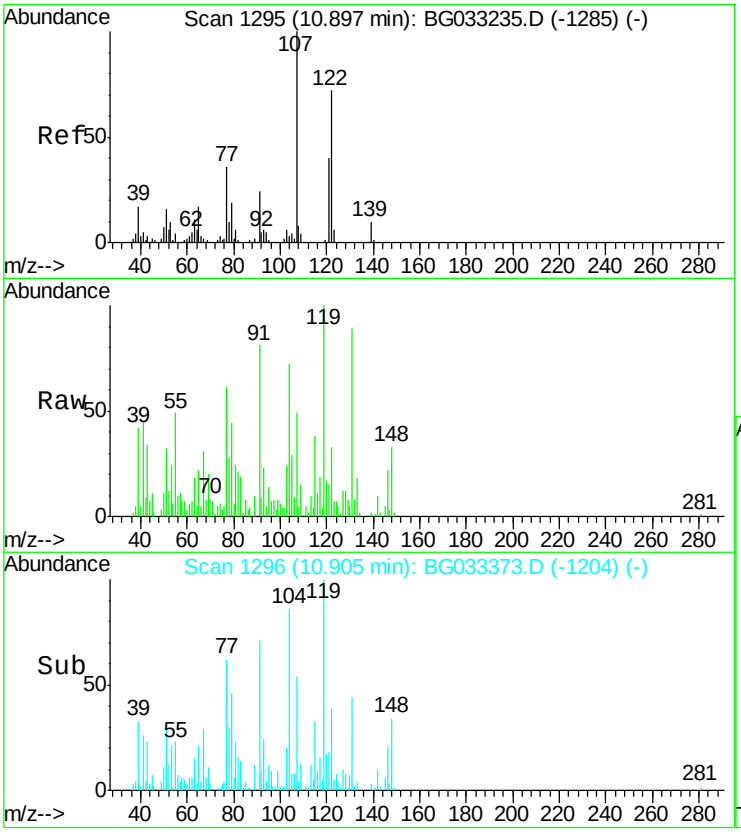


#24
Nitrobenzene
Concen: 5.734 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion: 77 Resp: 21688

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	79.5	13.0	19.6#



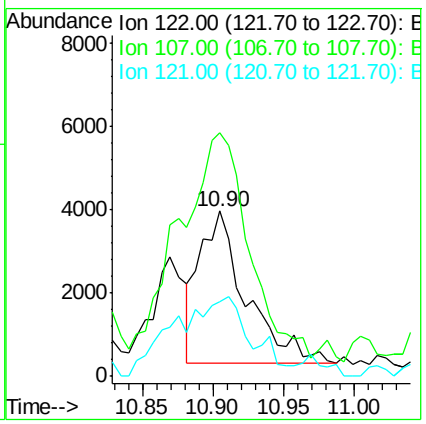


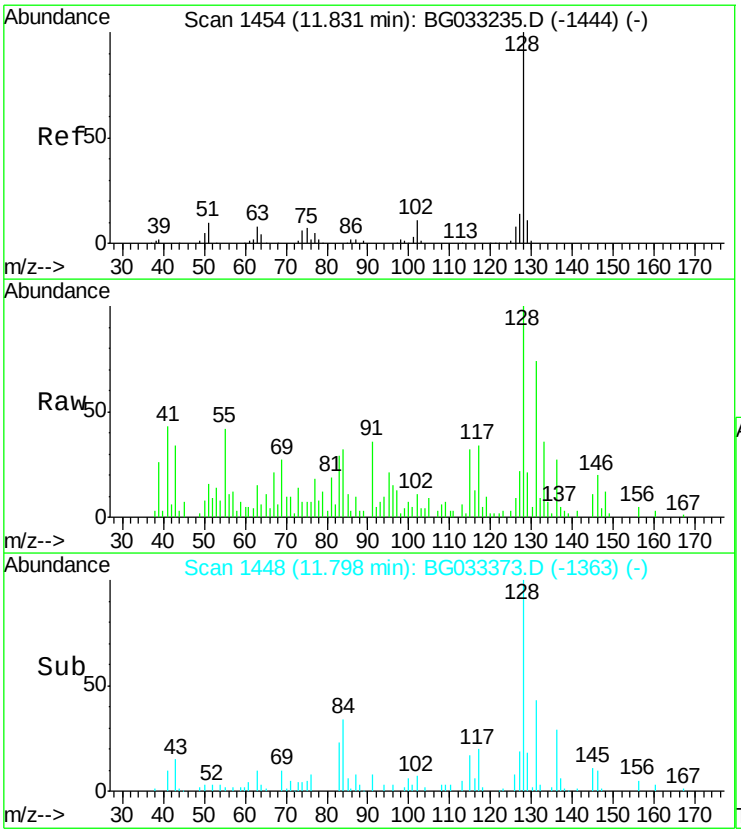
#27
2,4-Dimethylphenol
Concen: 3.998 ng
RT: 10.90 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 8317

Ion	Ratio	Lower	Upper
122	100		
107	147.4	100.2	150.2
121	44.9	44.4	66.6

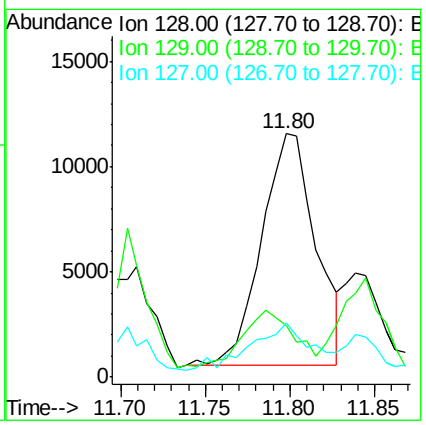


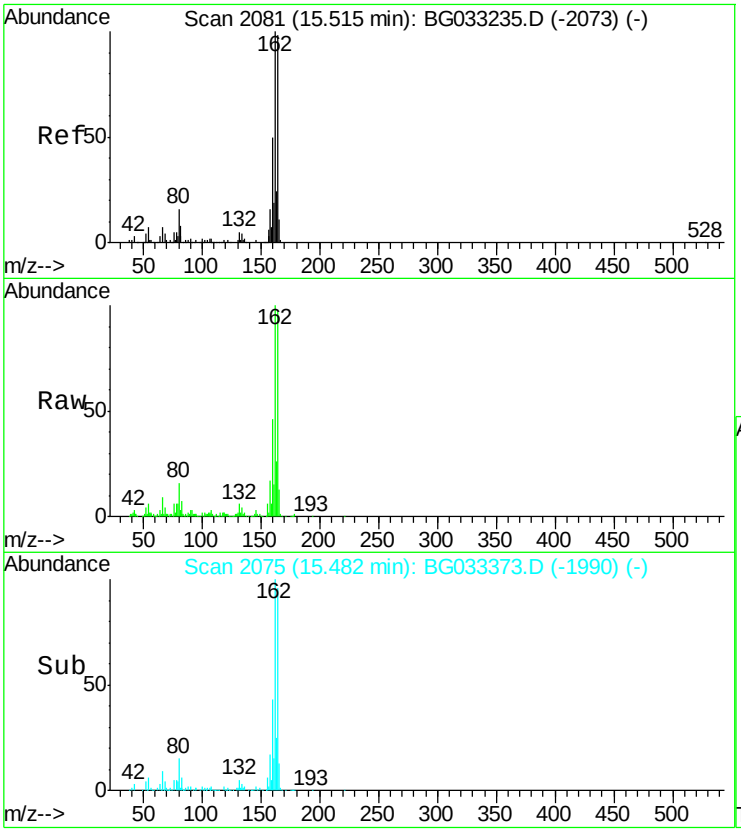


#31
Naphthalene
Concen: 2.908 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:128 Resp: 24465

Ion	Ratio	Lower	Upper
128	100		
129	21.3	8.6	12.8#
127	22.4	11.6	17.4#



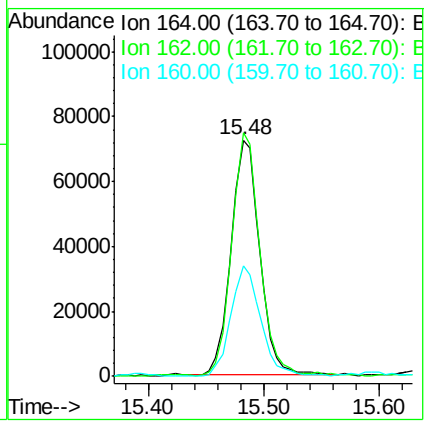


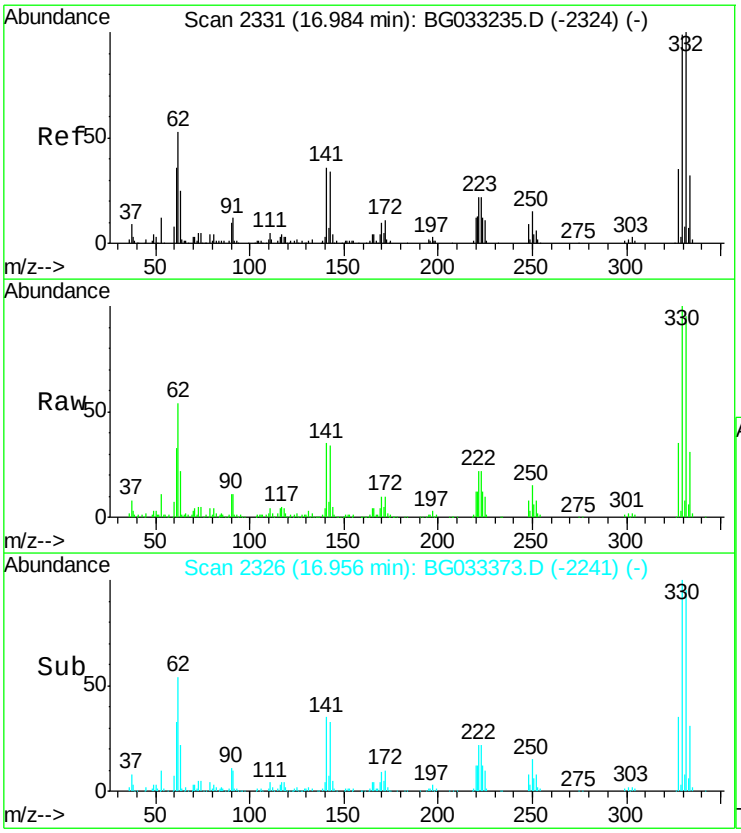
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 124998

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	47.0	35.4	53.0

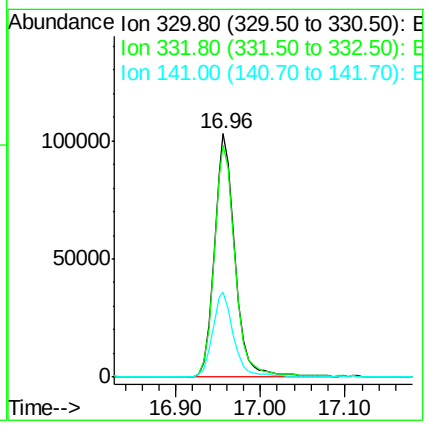


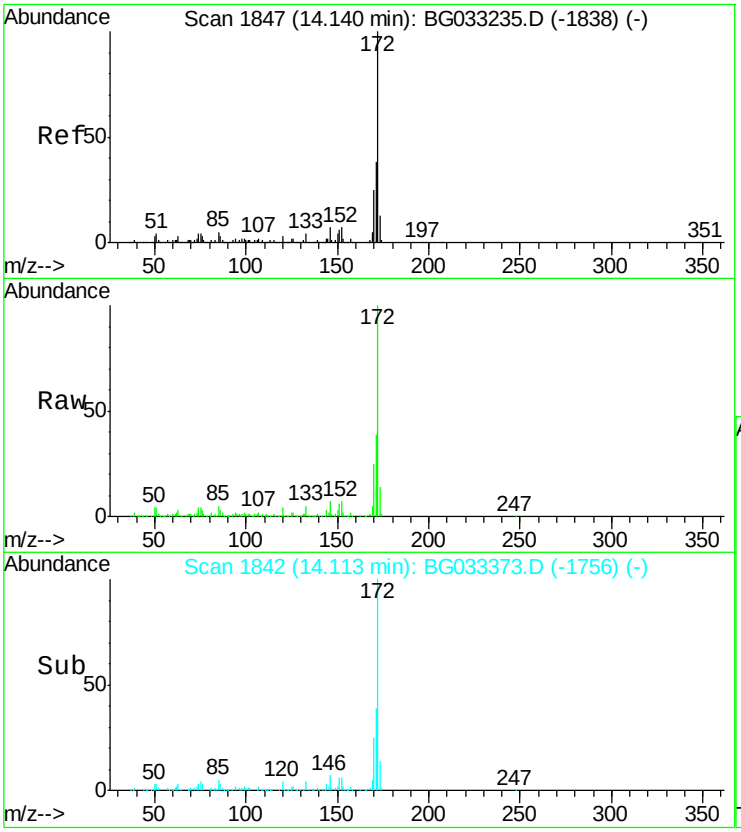


#41
2,4,6-Tribromophenol
Concen: 94.303 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:330 Resp: 176299

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	36.1	25.2	37.8



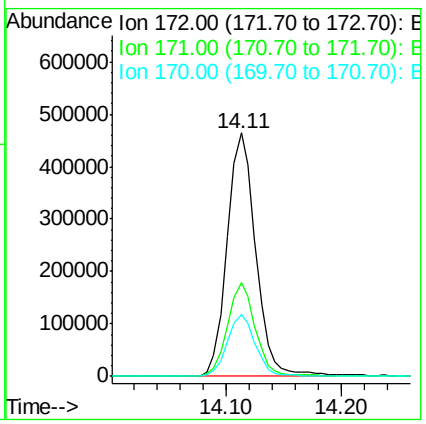


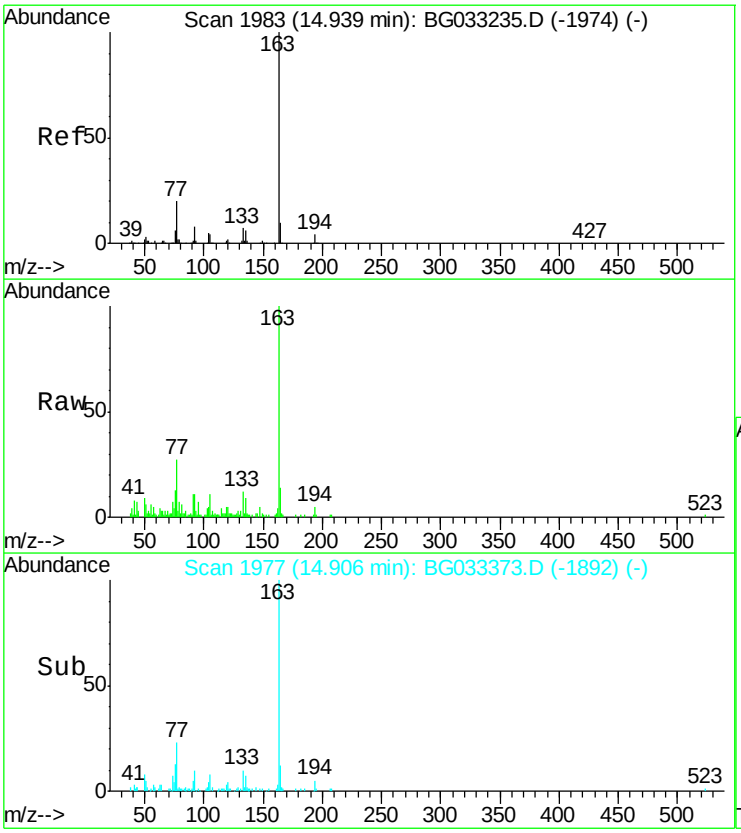
#44
2-Fluorobiphenyl
Concen: 92.179 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 798137

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.5	19.5	29.3

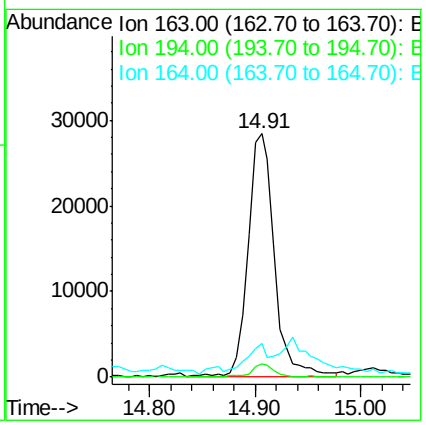


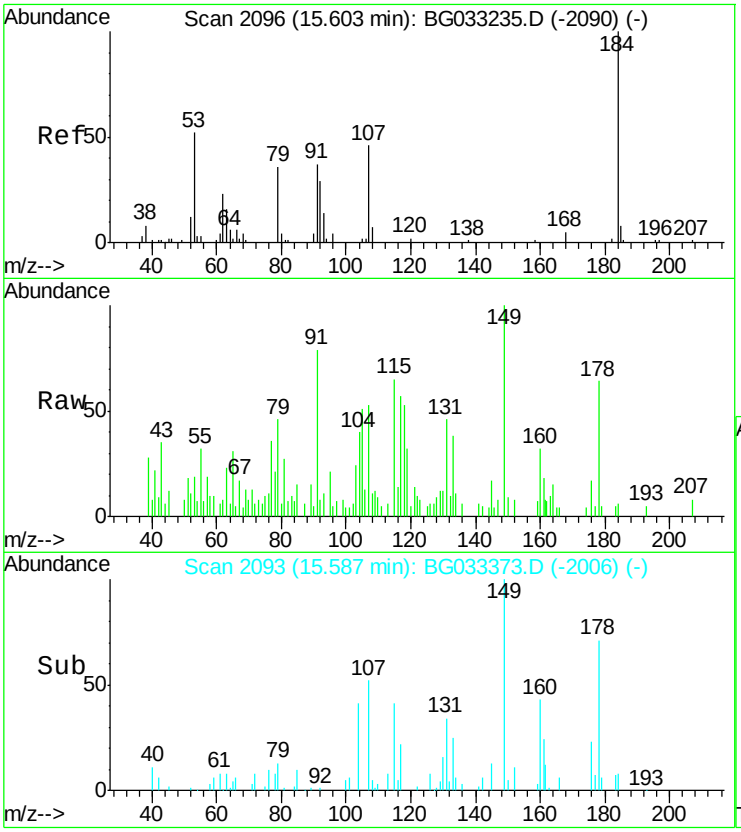


#49
Dimethylphthalate
Concen: 4.579 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:163 Resp: 49815

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	13.8	8.2	12.4#



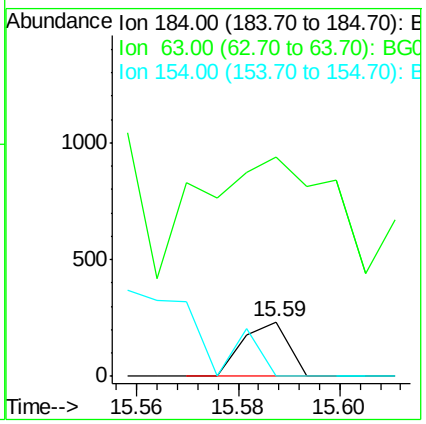


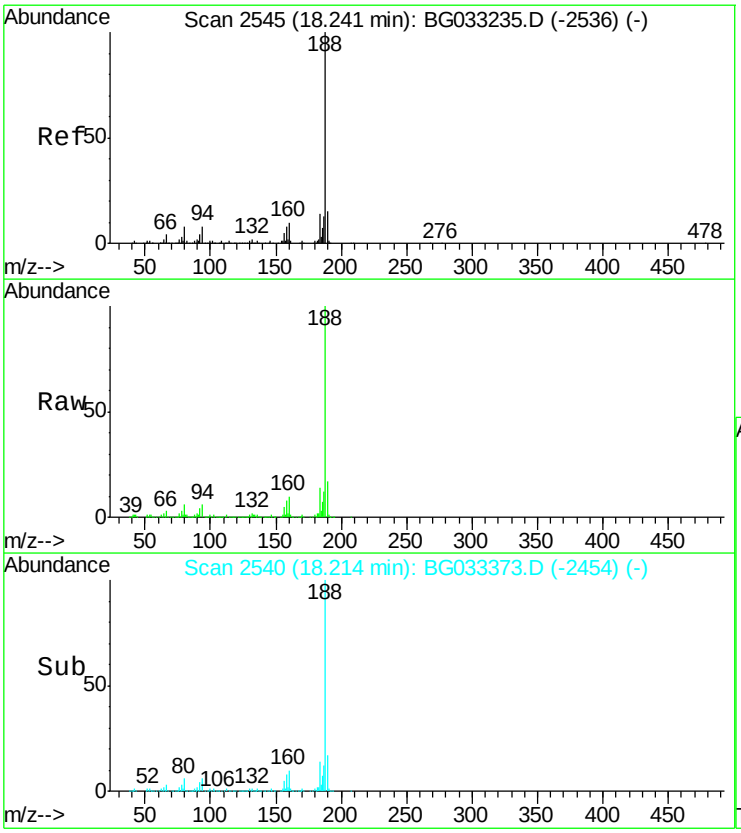
#53
2,4-Dinitrophenol
Concen: 7.757 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 145

Ion	Ratio	Lower	Upper
184	100		
63	404.3	59.8	89.8#
154	0.0	101.8	152.8#

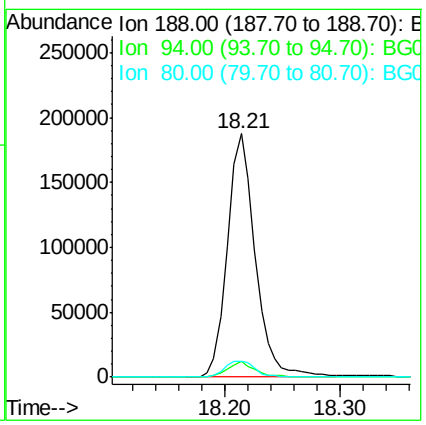


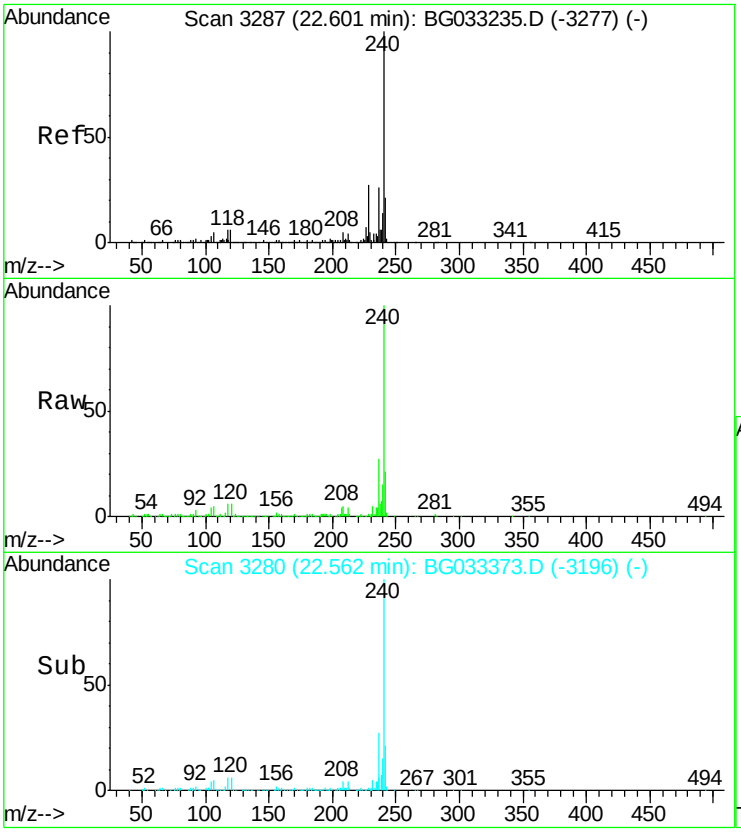


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:188 Resp: 314422

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.4	7.7	11.5#



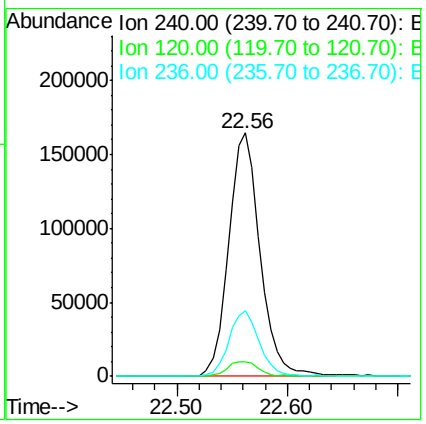


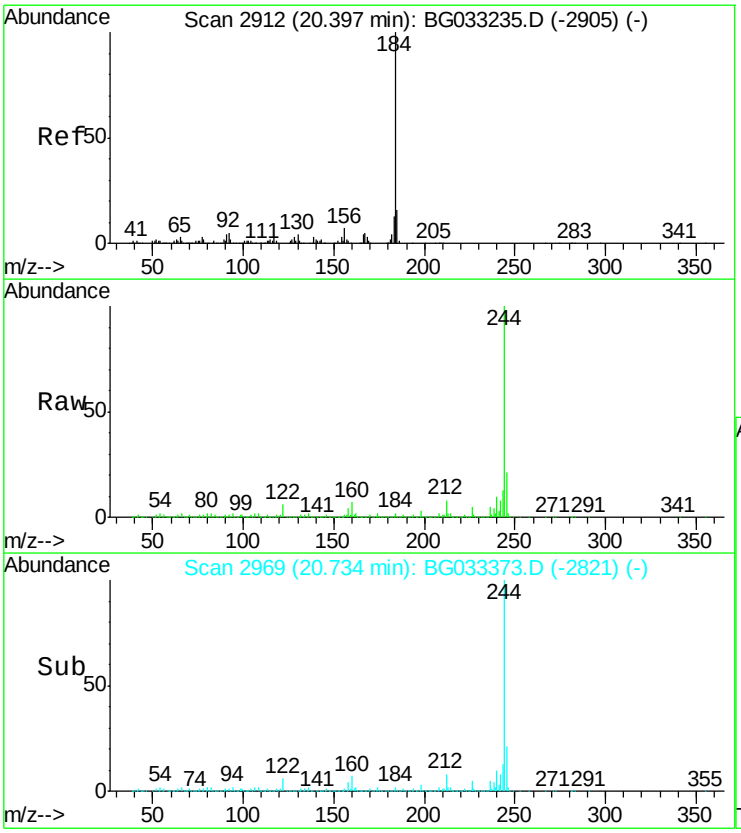
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 327388

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	27.0	20.9	31.3

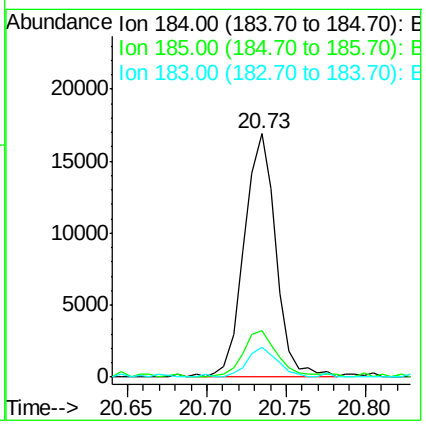


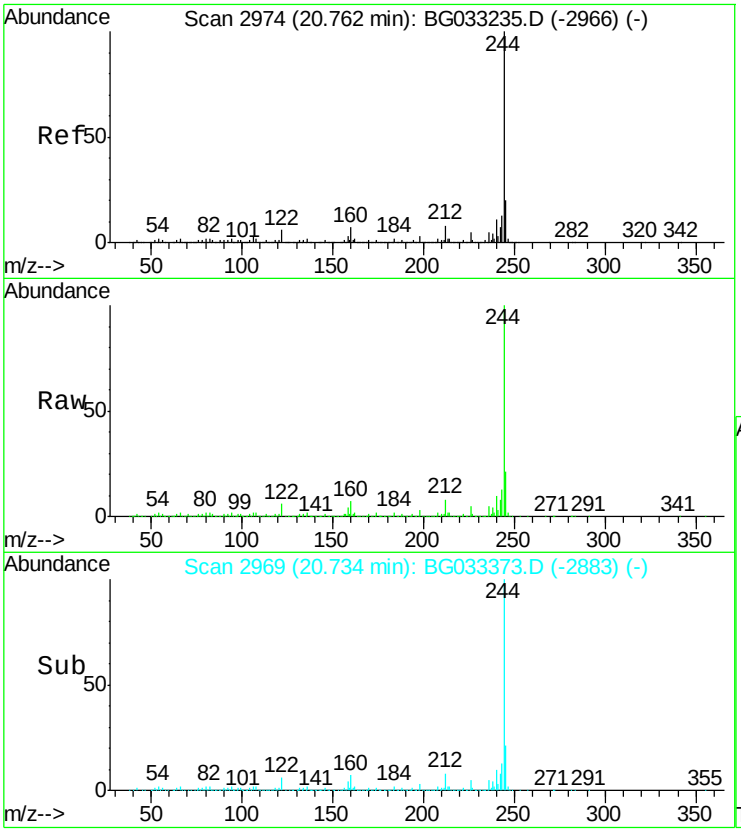


#76
Benzidine
Concen: 2.645 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.34 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:184 Resp: 23482

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.1	16.7#
183	12.5	10.6	16.0



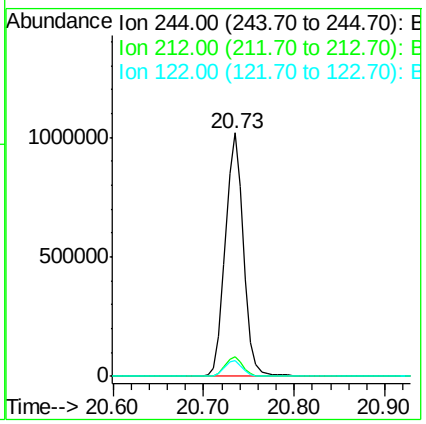


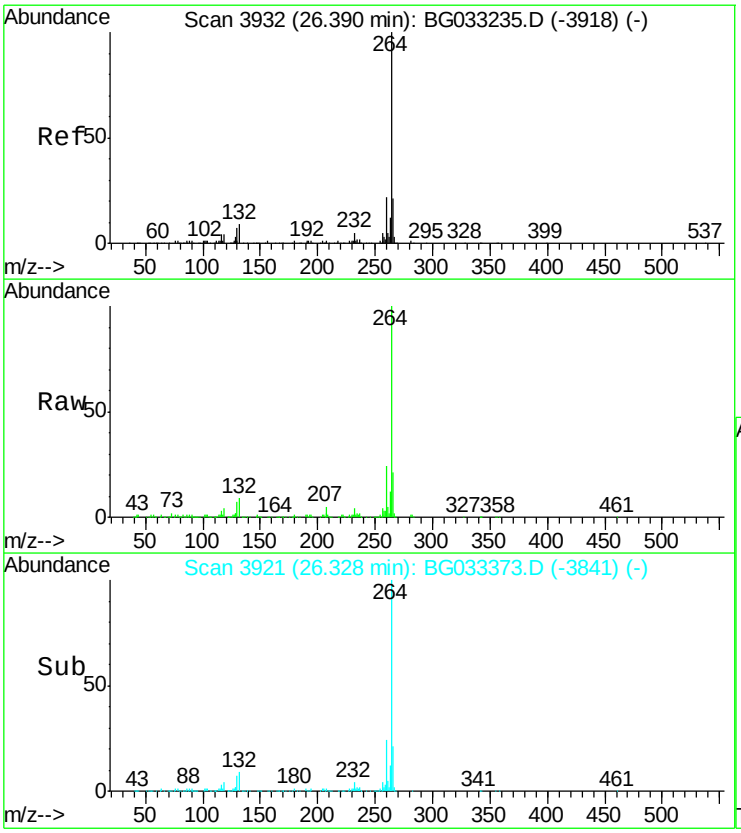
#78
Terphenyl-d14
Concen: 92.384 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1414251

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.06 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion:264 Resp: 353319

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.0	17.7	26.5