Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020014.D
Acq On : 8 Dec 2015 12:30
Operator : UM/SJ
Sample : G4684-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-1

Quant Time: Dec 09 04:00:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20048	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	80231	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	54823	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	128389	20.00	ng		-0.02
75) Chrysene-d12	21.75	240	159318	20.00	ng		-0.04
86) Perylene-d12	25.03	264	153757	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	171373	154.50	ng		0.00
7) Phenol-d6	7.26	99	244713	146.12	ng		0.00
23) Nitrobenzene-d5	9.28	82	166653	106.01	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	116801	139.24	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	315985	78.70	ng		-0.02
78) Terphenyl-d14	20.08	244	478460	73.25	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	7.25	77	5532	4.95	ng	#	1
10) Phenol	7.29	94	4002	2.27	ng	#	54
18) Hexachloroethane	9.23	117	21422	36.13	ng	#	1
19) n-Nitroso-di-n-propylamine	8.88	70	4840	3.66	ng	#	44
22) Acetophenone	8.92	105	44118	20.06	ng	#	60
24) Nitrobenzene	9.31	77	5648	3.31	ng	#	7
25) Isophorone	9.84	82	11592	3.44	ng	#	1
31) Naphthalene	10.98	128	40113	9.33	ng	#	88
32) Benzoic acid	10.15	122	302	6.29	ng	#	1
35) Caprolactam	11.84	113	3249	6.23	ng	#	1
37) 2-Methylnaphthalene	12.58	142	80898	25.68	ng	#	94
45) 1,1'-Biphenyl	13.57	154	20816	4.63	ng		98
49) Dimethylphthalate	14.19	163	68763	13.94	ng	#	95
53) 2,4-Dinitrophenol	14.63	184	191	9.61	ng	#	1
55) 4-Nitrophenol	14.95	139	5721	6.82	ng	#	53
57) Fluorene	15.78	166	12801	2.68	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.91	198	75	6.20	ng	#	1
65) n-Nitrosodiphenylamine	15.90	169	9094	2.45	ng		94
68) Atrazine	16.94	200	5053	3.13	ng		82
70) Phenanthrene	17.53	178	26551	3.66	ng	#	91
77) Pyrene	19.89	202	22334	2.38	ng	#	91

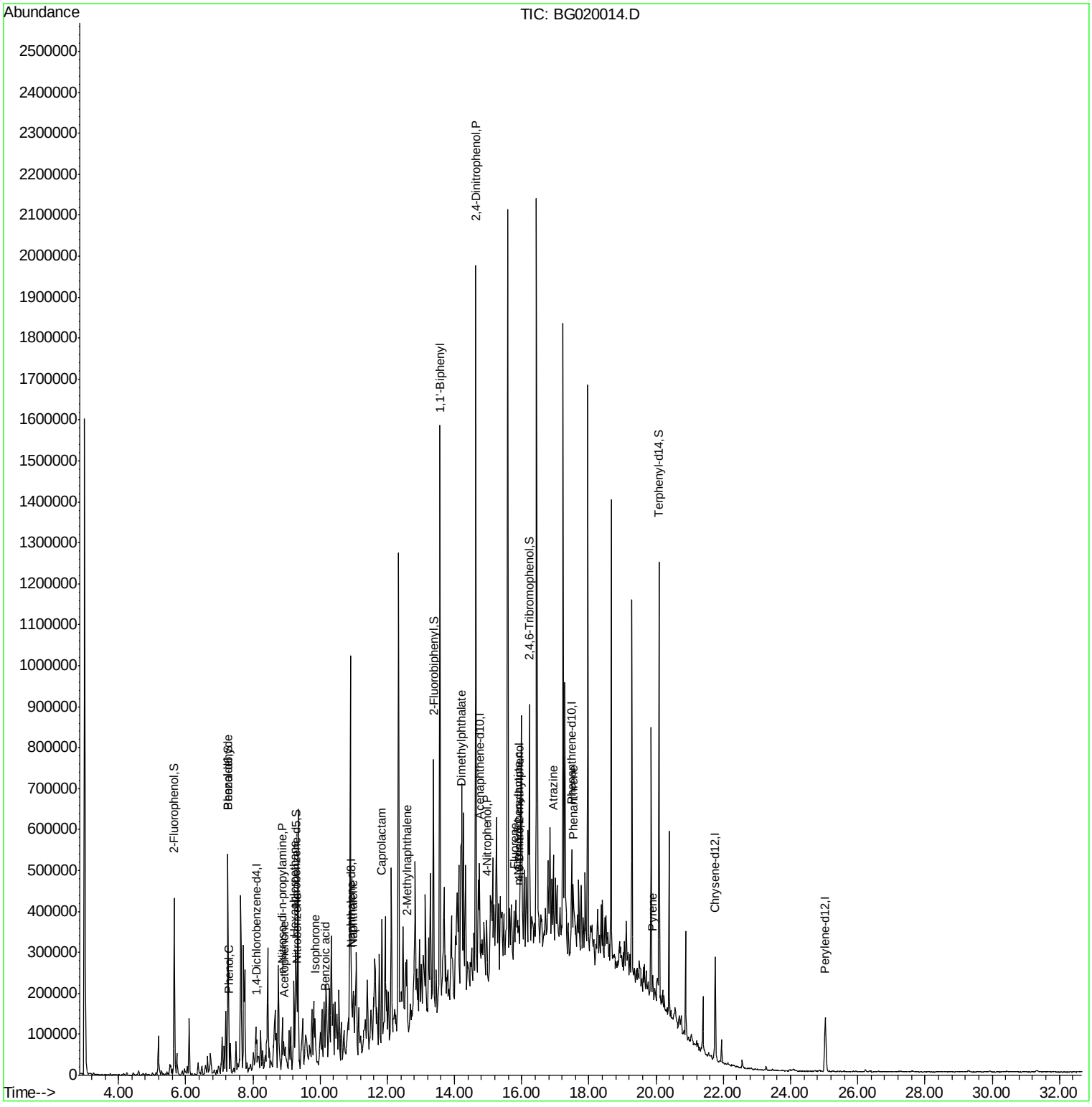
(#) = qualifier out of range (m) = manual integration (+) = signals summed

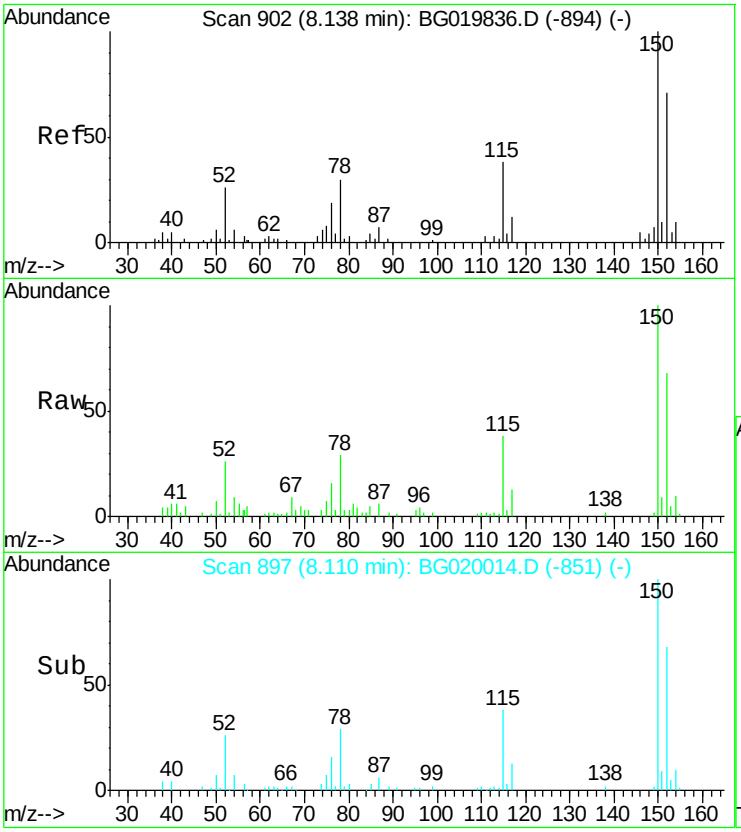
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020014.D
Acq On : 8 Dec 2015 12:30
Operator : UM/SJ
Sample : G4684-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-1

Quant Time: Dec 09 04:00:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



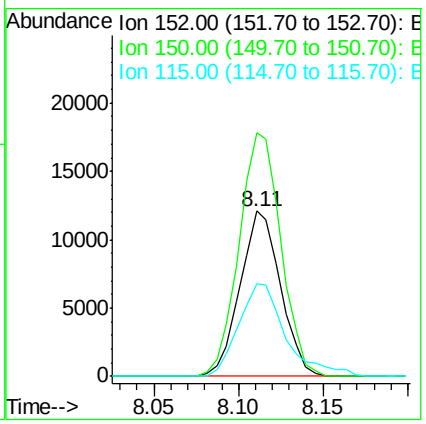


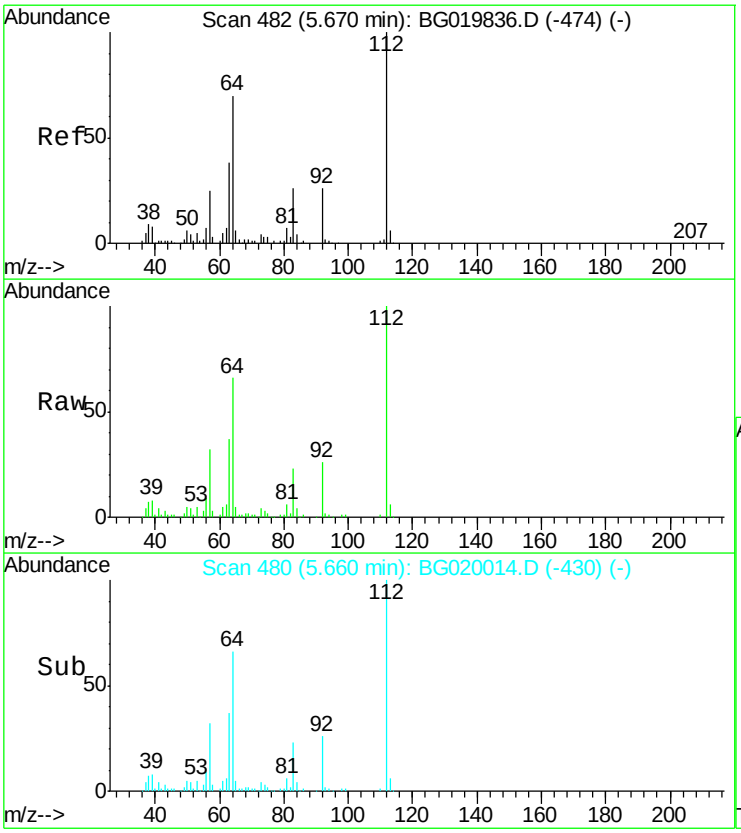
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:152 Resp: 20048

Ion	Ratio	Lower	Upper
152	100		
150	147.5	115.0	172.4
115	56.2	43.9	65.9

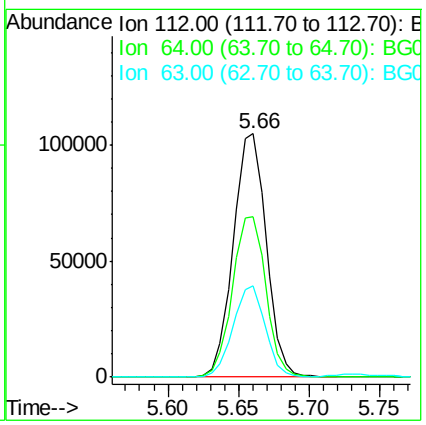


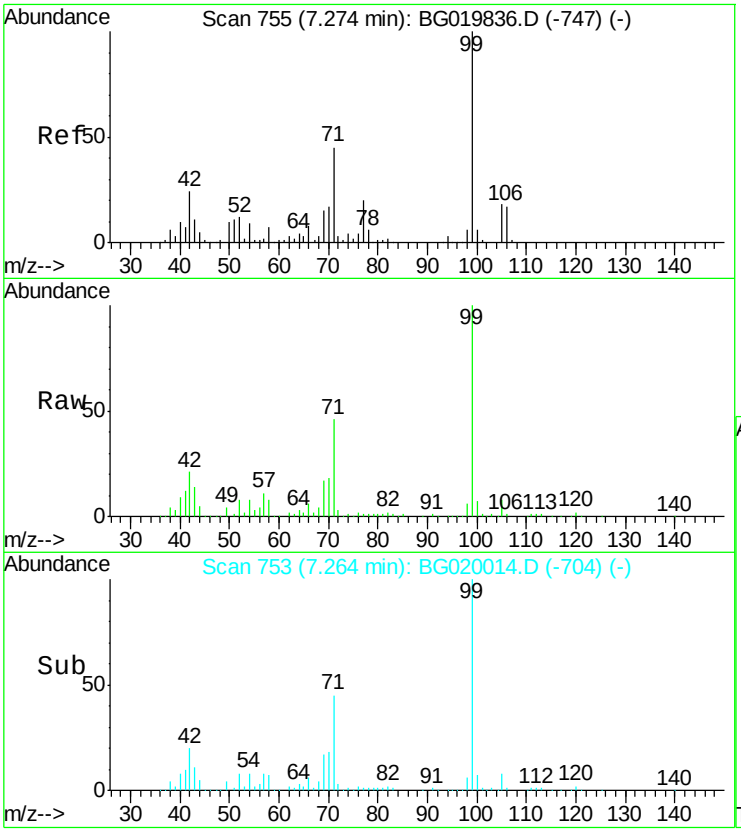


#5
2-Fluorophenol
Concen: 154.50 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:112 Resp: 171373

Ion	Ratio	Lower	Upper
112	100		
64	66.0	43.7	65.5#
63	37.4	24.0	36.0#



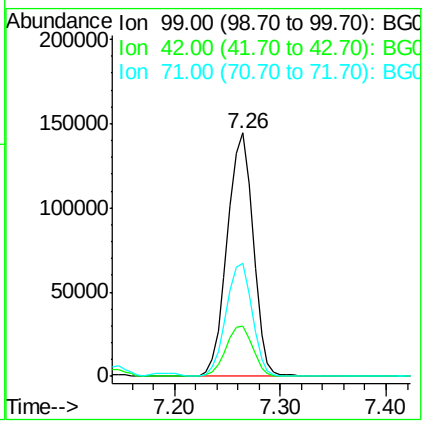


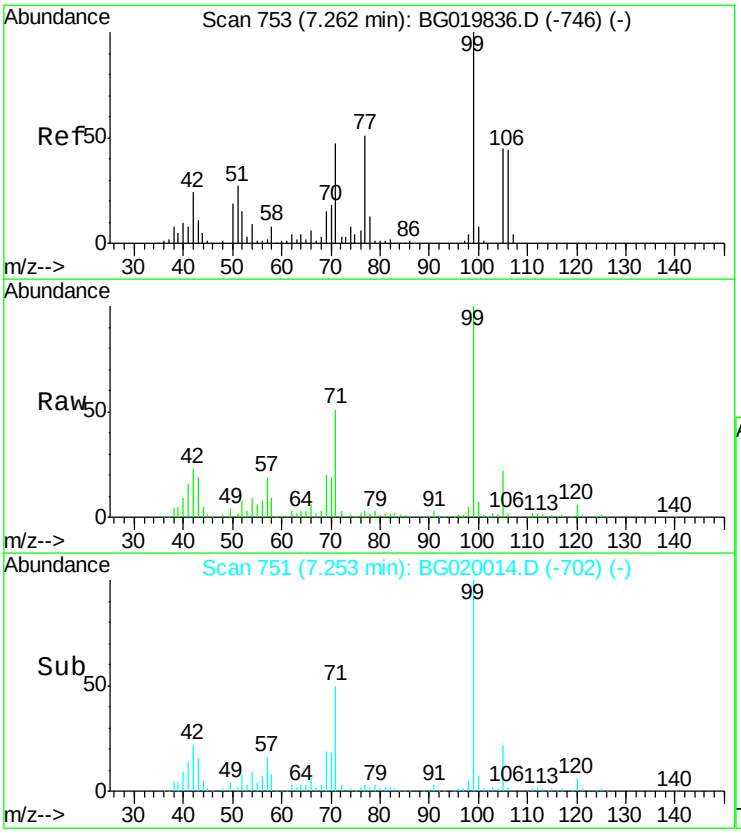
#7
Phenol-d6
Concen: 146.12 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion: 99 Resp: 244713

Ion	Ratio	Lower	Upper
99	100		
42	20.6	11.5	17.3#
71	46.3	22.6	34.0#

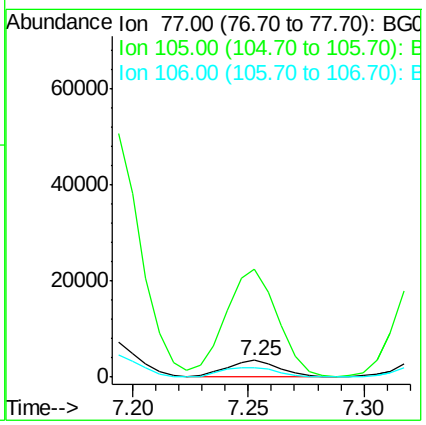


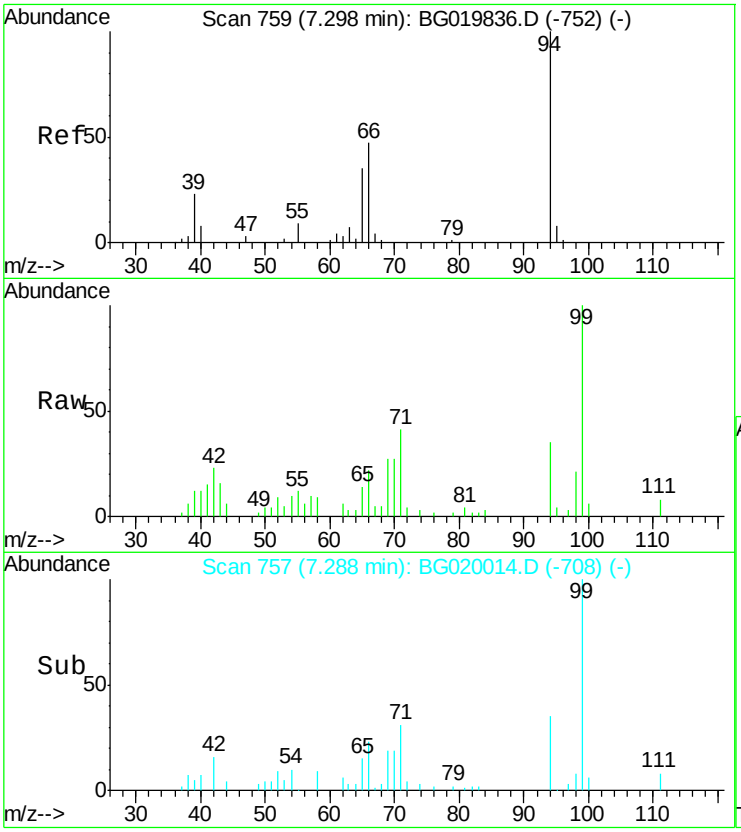


#9
Benzaldehyde
Concen: 4.95 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion: 77 Resp: 5532

Ion	Ratio	Lower	Upper
77	100		
105	652.3	77.7	117.7#
106	57.7	75.8	115.8#



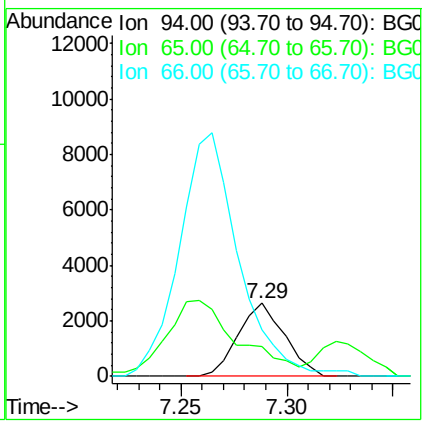


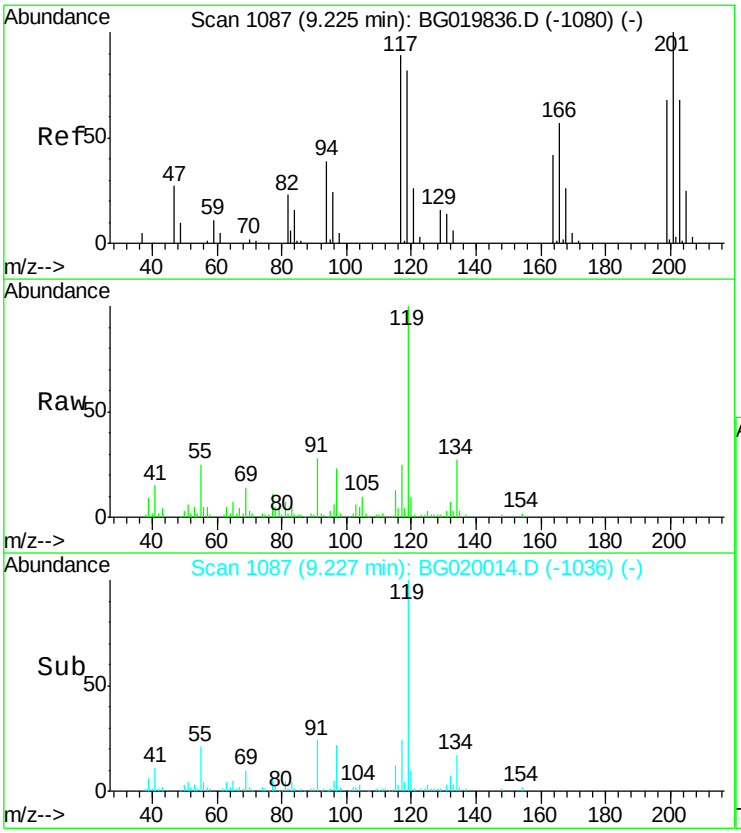
#10
Phenol
Concen: 2.27 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion: 94 Resp: 4002

Ion	Ratio	Lower	Upper
94	100		
65	41.1	5.4	45.4
66	64.4	11.8	51.8#

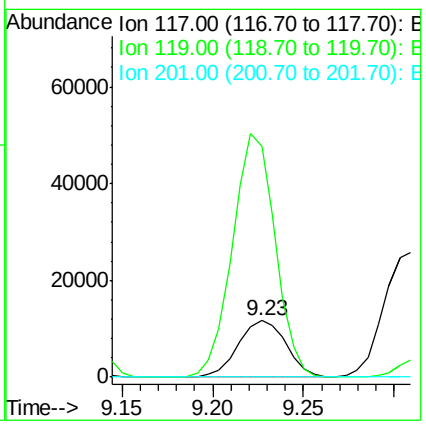


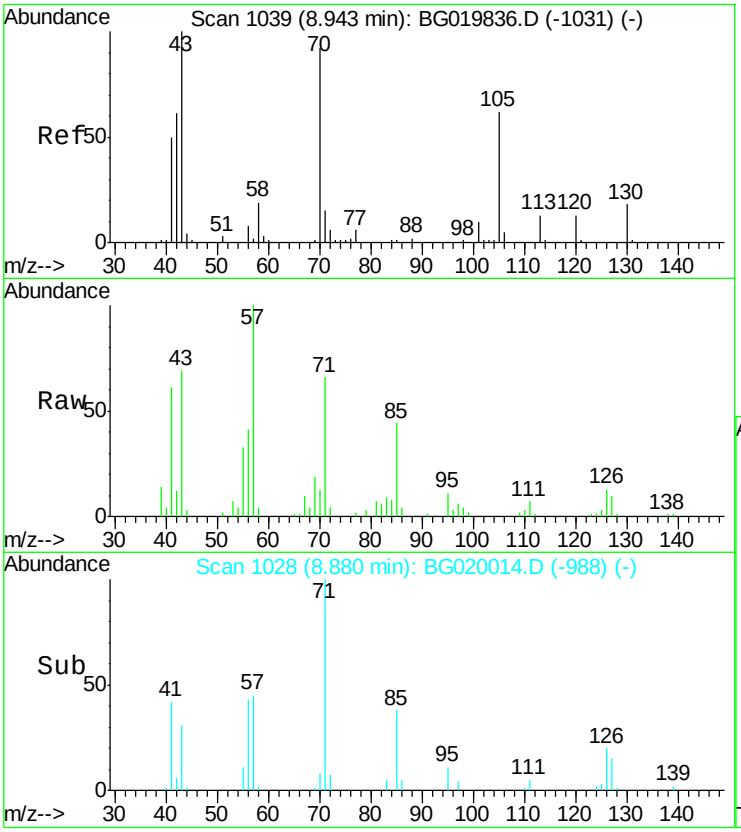


#18
Hexachloroethane
Concen: 36.13 ng
RT: 9.23 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:117 Resp: 21422

Ion	Ratio	Lower	Upper
117	100		
119	406.8	71.7	107.5#
201	0.0	90.9	136.3#



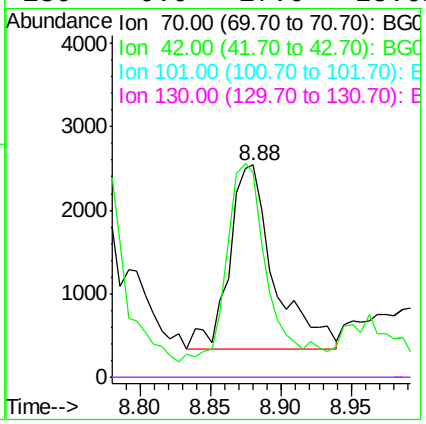


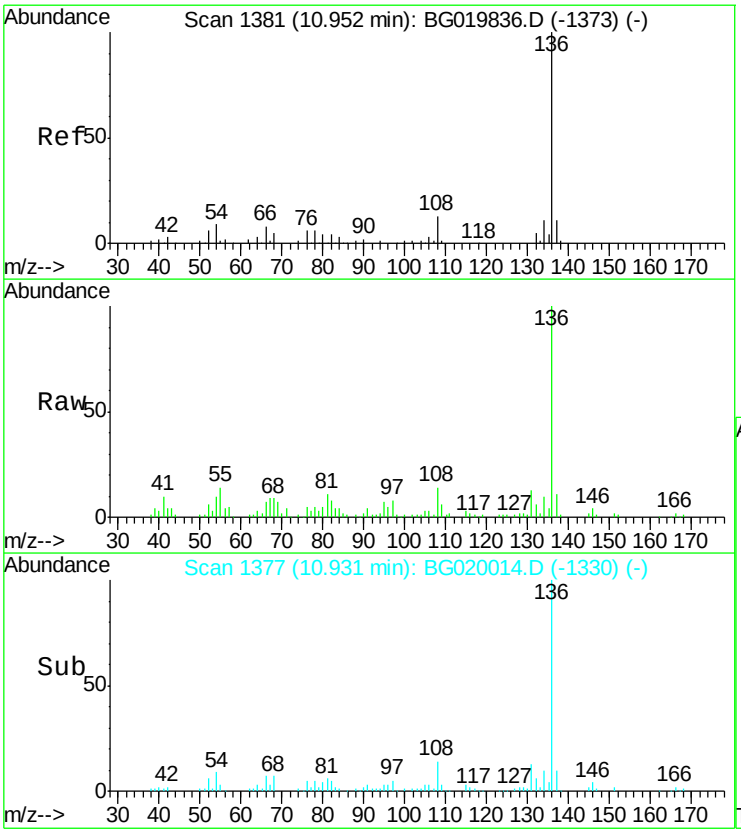
#19
n-Nitroso-di-n-propylamine
Concen: 3.66 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion: 70 Resp: 4840

Ion	Ratio	Lower	Upper
70	100		
42	96.7	40.6	60.8#
101	0.0	8.6	13.0#
130	0.0	17.0	25.6#

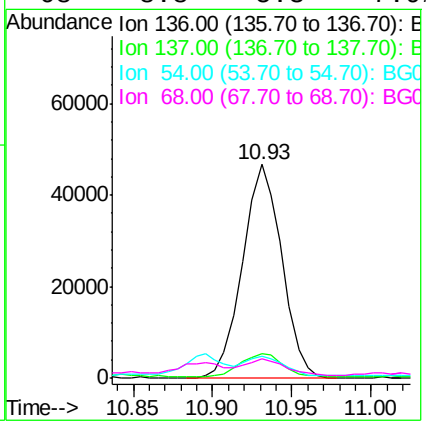


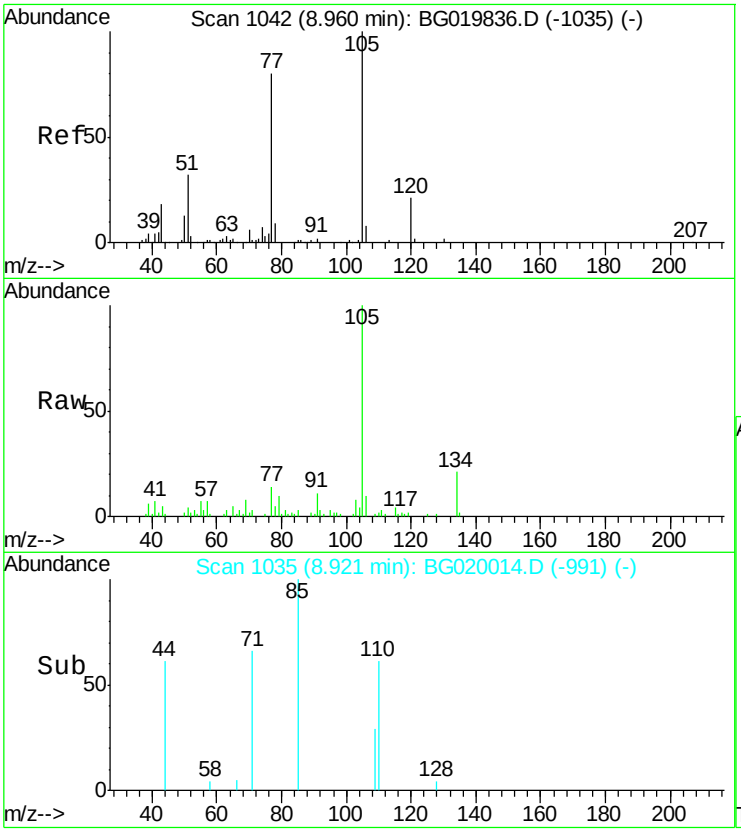


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:136 Resp: 80231

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.2	5.4	8.2#
68	8.8	5.3	7.9#



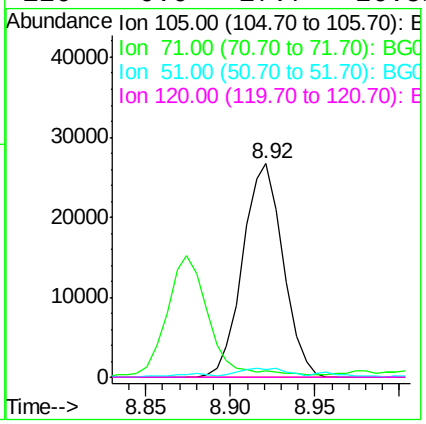


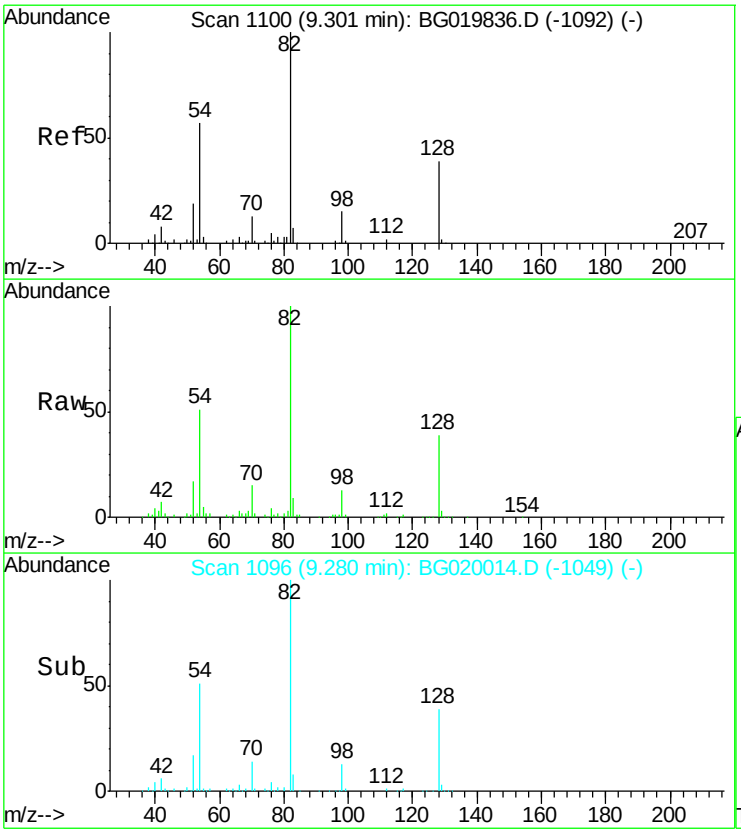
#22
Acetophenone
Concen: 20.06 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:105 Resp: 44118

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.1	3.1
51	3.8	17.8	26.8#
120	0.0	17.7	26.5#

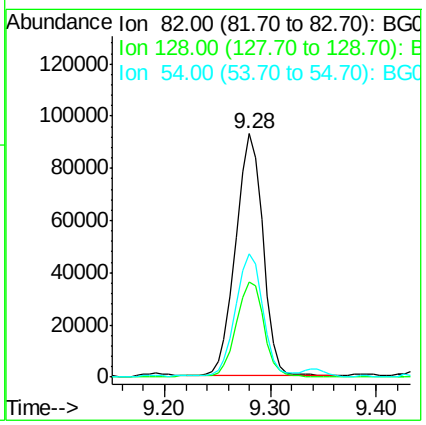


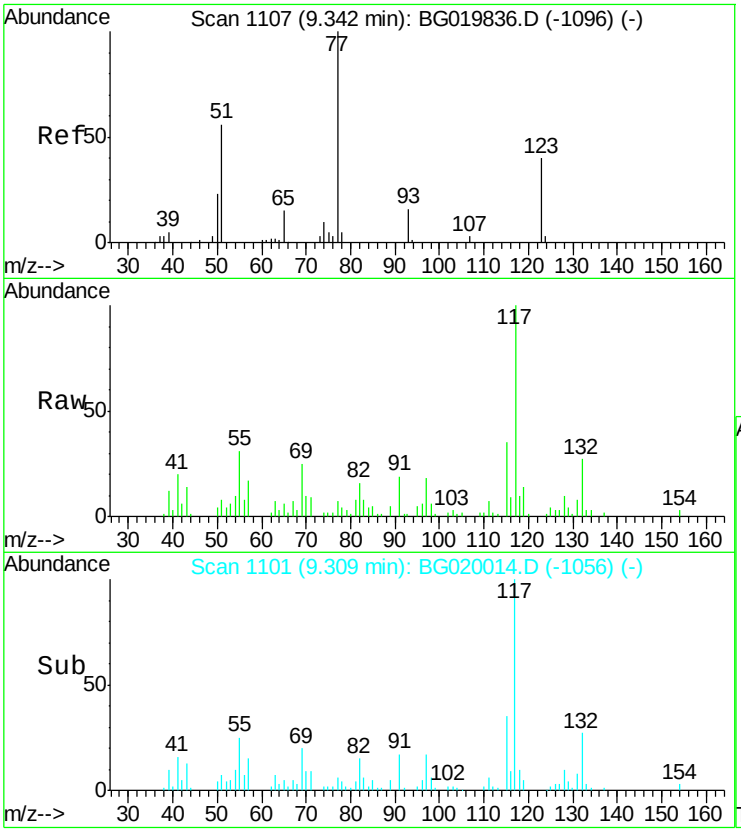


#23
Nitrobenzene-d5
Concen: 106.01 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion: 82 Resp: 166653

Ion	Ratio	Lower	Upper
82	100		
128	39.1	36.7	55.1
54	50.6	33.8	50.8



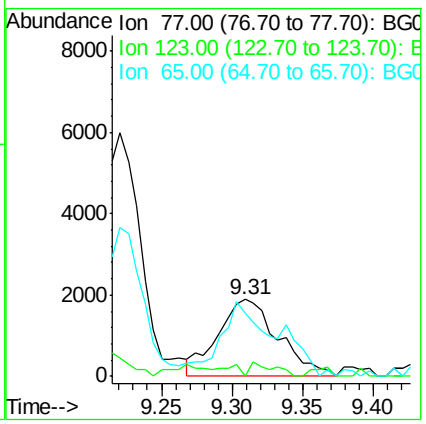


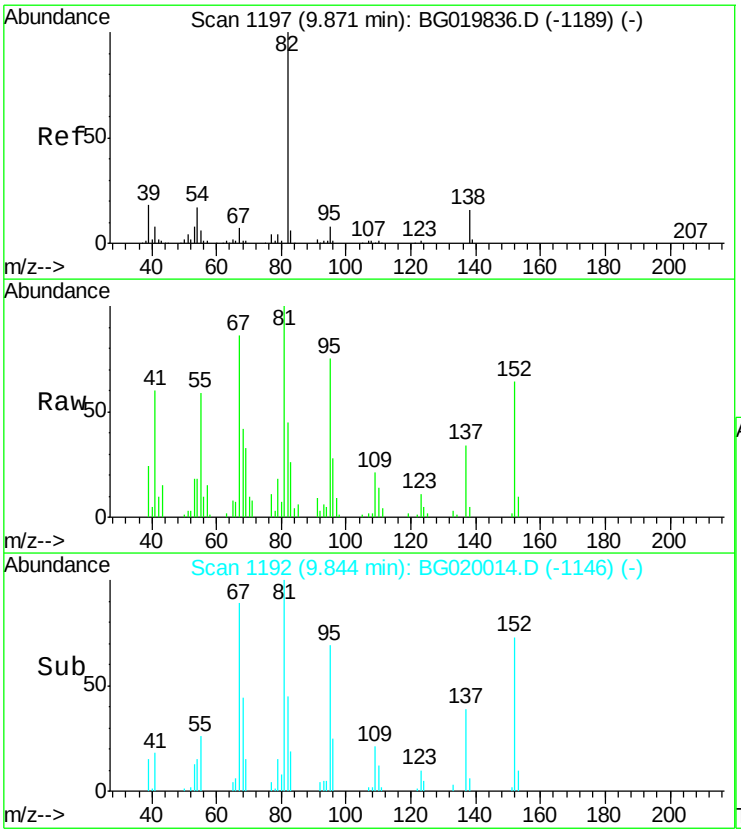
#24
Nitrobenzene
Concen: 3.31 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion: 77 Resp: 5648

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	82.4	10.6	16.0#

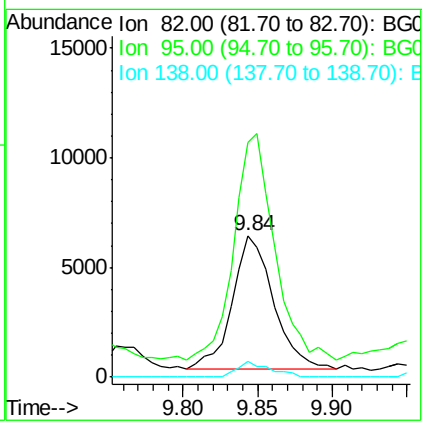


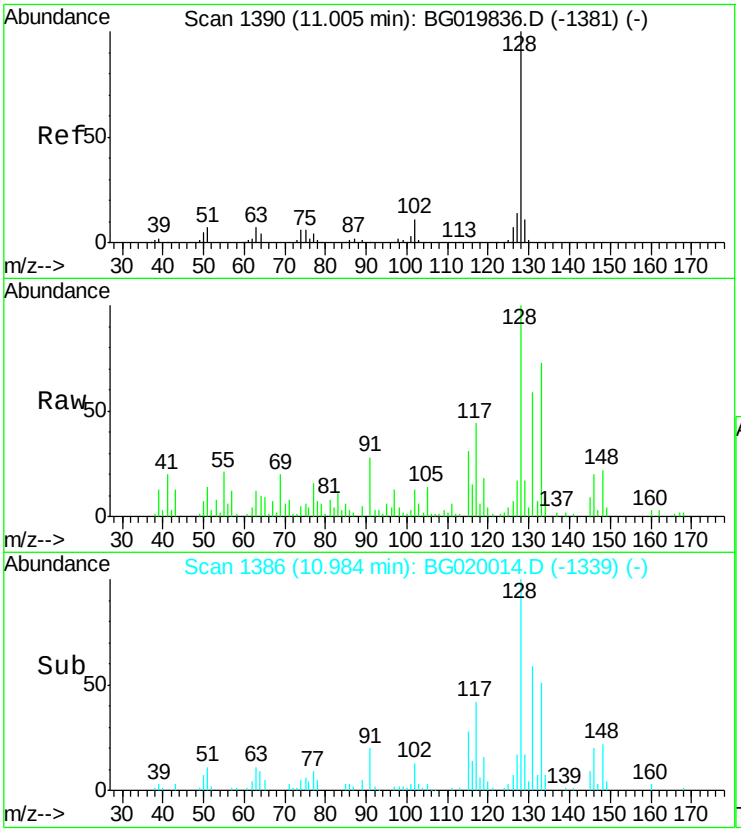


#25
Isophorone
Concen: 3.44 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion: 82 Resp: 11592

Ion	Ratio	Lower	Upper
82	100		
95	165.7	5.2	7.8#
138	11.0	14.4	21.6#



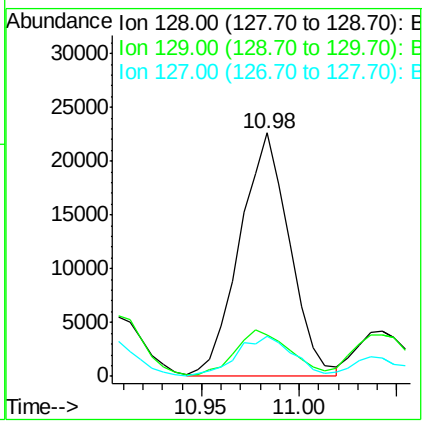


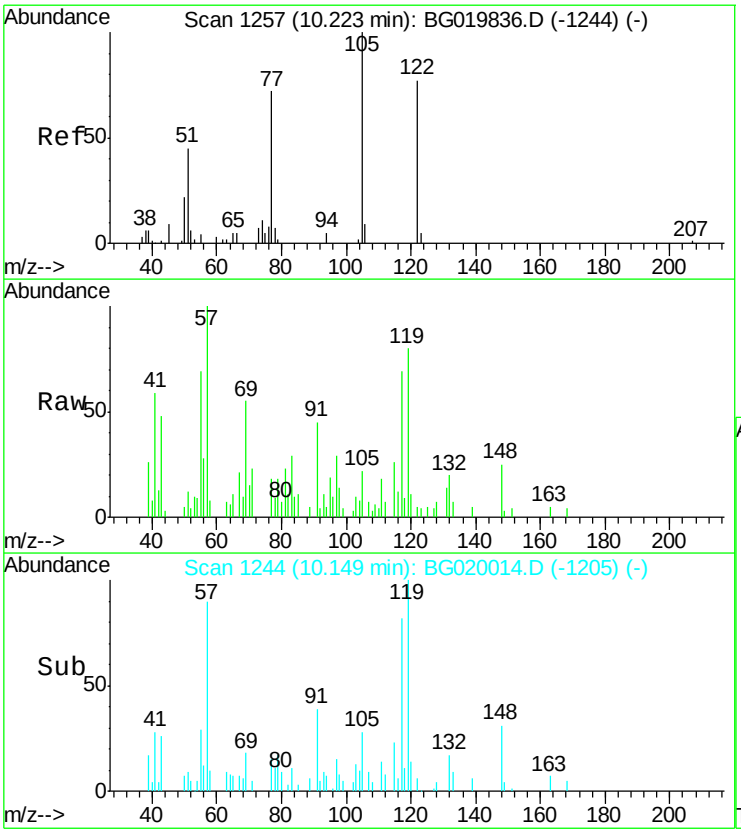
#31
Naphthalene
Concen: 9.33 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:128 Resp: 40113

Ion	Ratio	Lower	Upper
128	100		
129	17.0	8.5	12.7#
127	16.5	10.6	16.0#

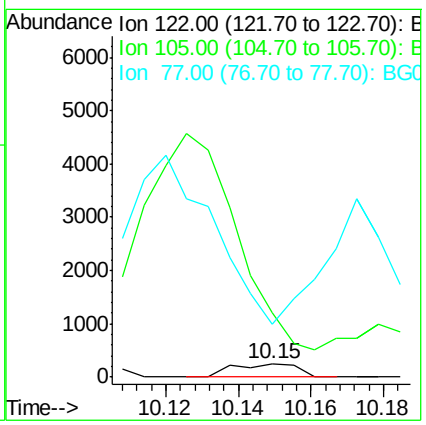


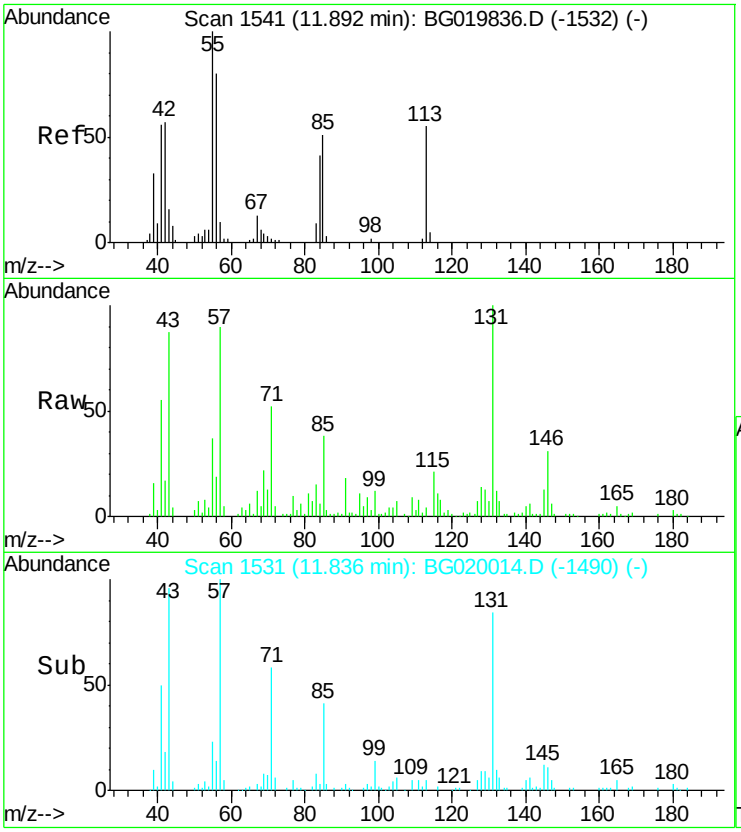


#32
Benzoic acid
Concen: 6.29 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.07 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:122 Resp: 302

Ion	Ratio	Lower	Upper
122	100		
105	486.0	103.8	143.8#
77	397.2	68.8	108.8#



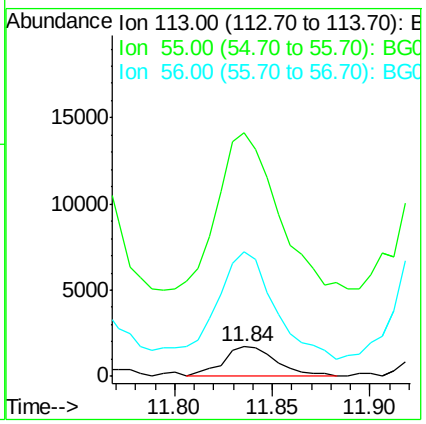


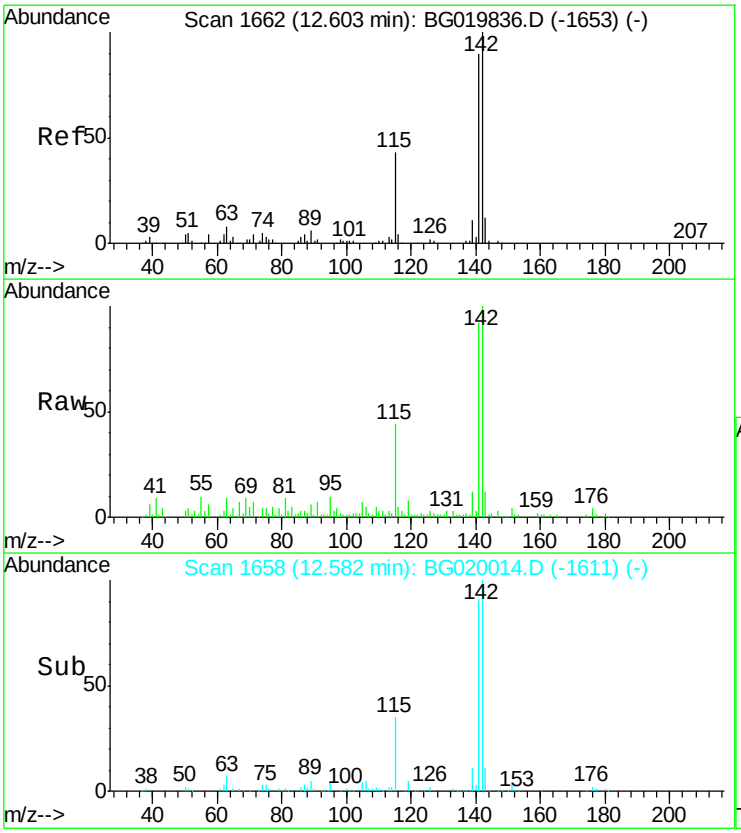
#35
Caprolactam
Concen: 6.23 ng
RT: 11.84 min Scan# 1531
Delta R.T. -0.06 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:113 Resp: 3249

Ion	Ratio	Lower	Upper
113	100		
55	831.0	135.0	175.0#
56	426.9	83.4	123.4#

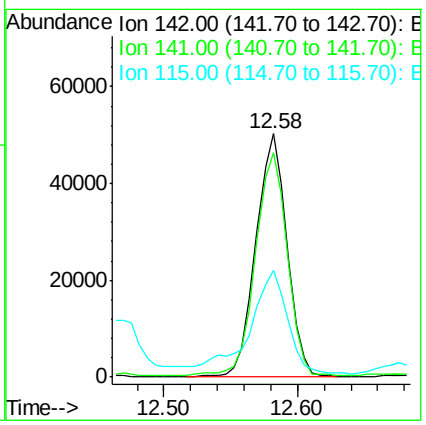


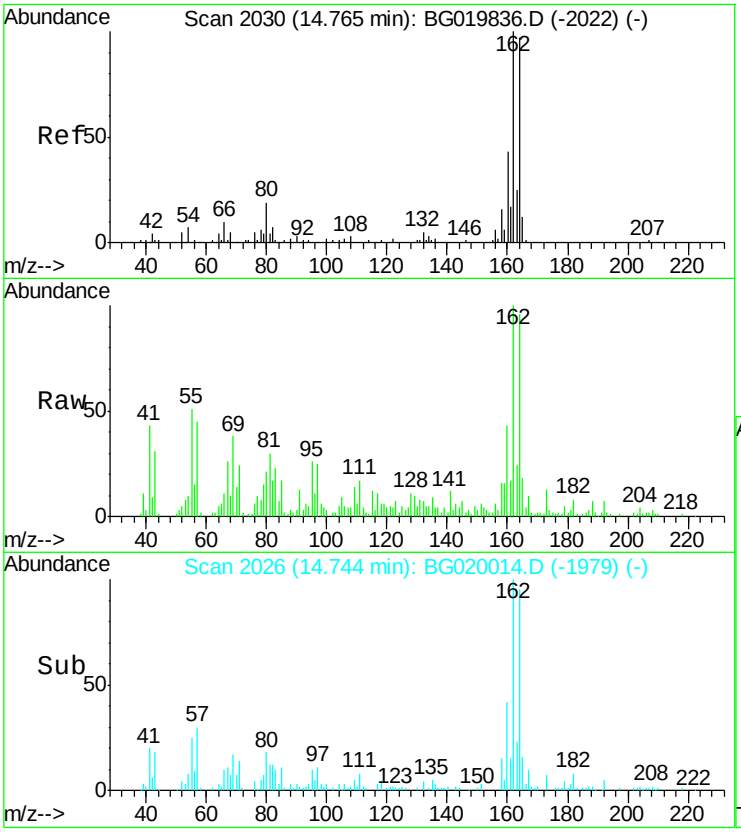


#37
2-Methylnaphthalene
Concen: 25.68 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:142 Resp: 80898

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.6	112.0
115	44.0	27.4	41.0#



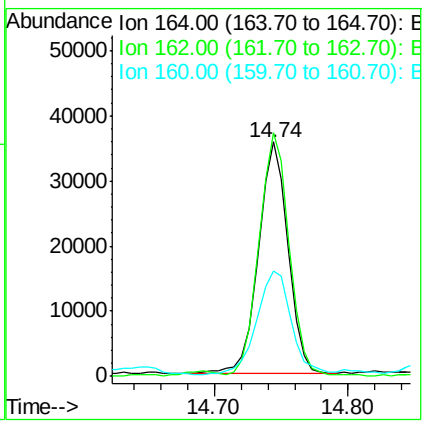


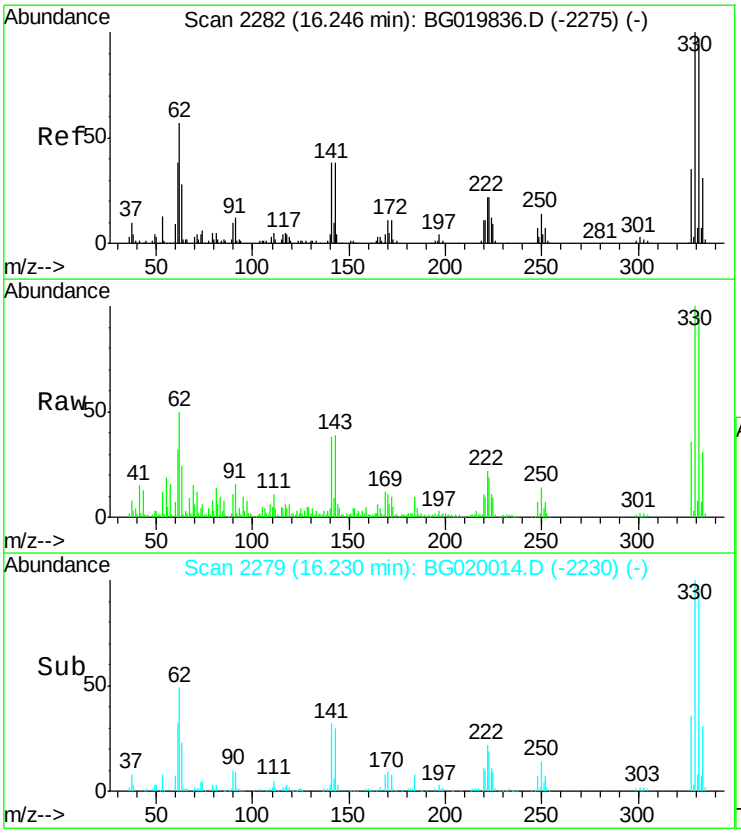
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:164 Resp: 54823

Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.0	36.4	54.6

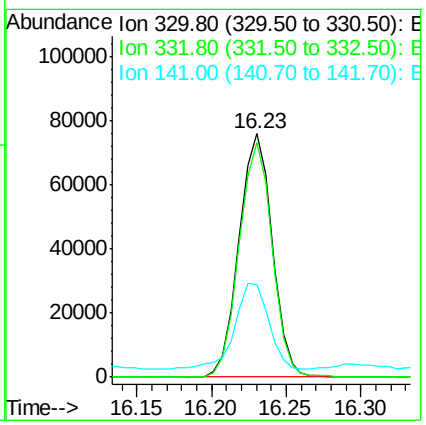


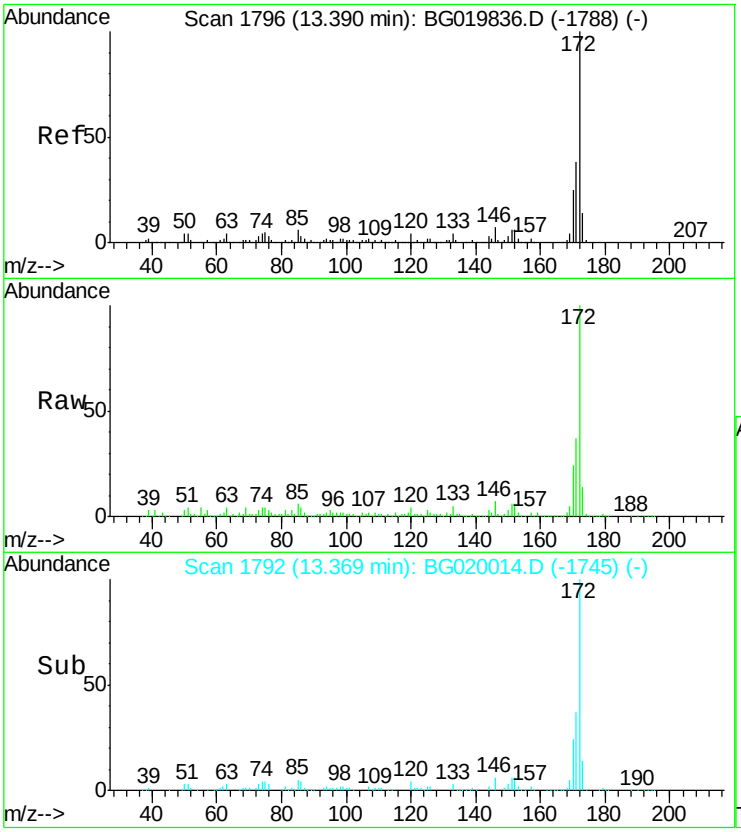


#41
2,4,6-Tribromophenol
Concen: 139.24 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:330 Resp: 116801

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	36.2	28.2	42.2



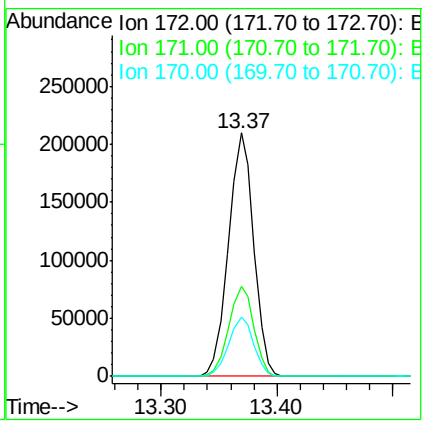


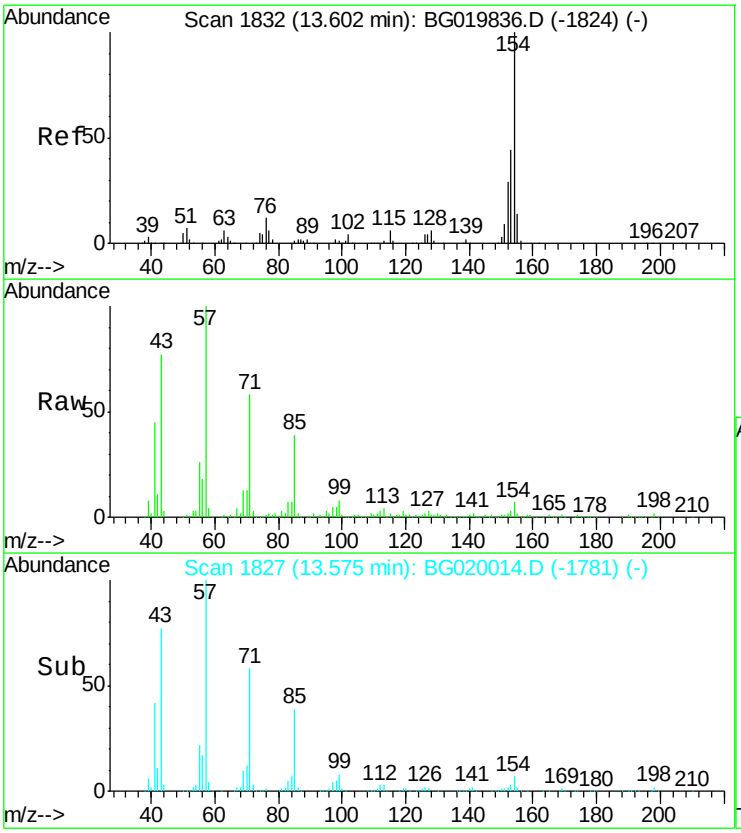
#44
2-Fluorobiphenyl
Concen: 78.70 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:172 Resp: 315985

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.2	19.9	29.9

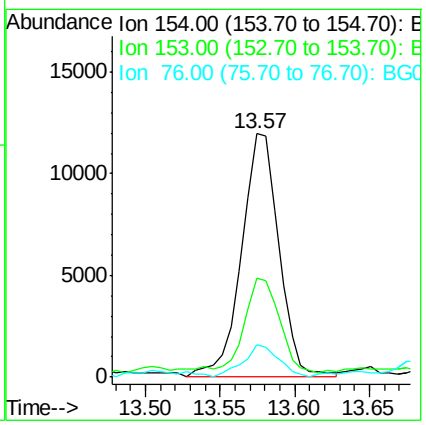


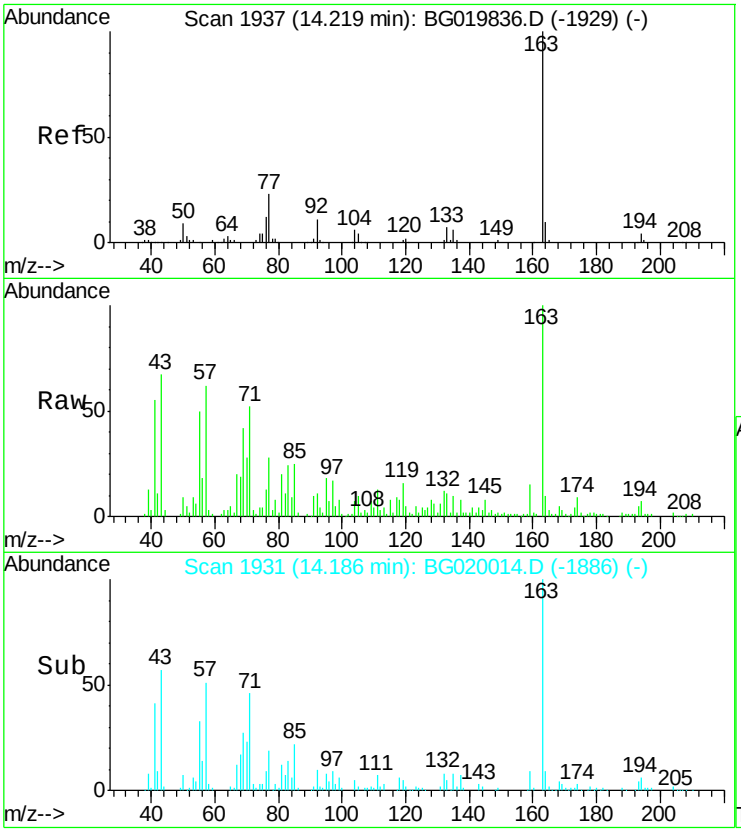


#45
1,1'-Biphenyl
Concen: 4.63 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:154 Resp: 20816

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.9	61.9
76	13.3	0.0	33.2



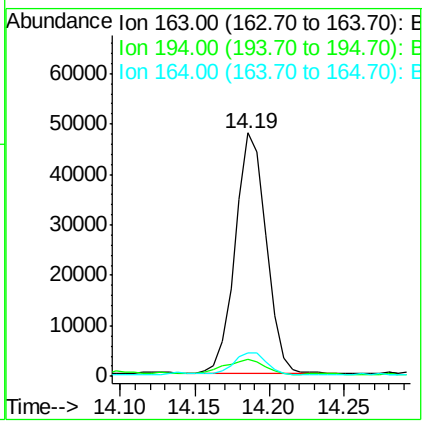


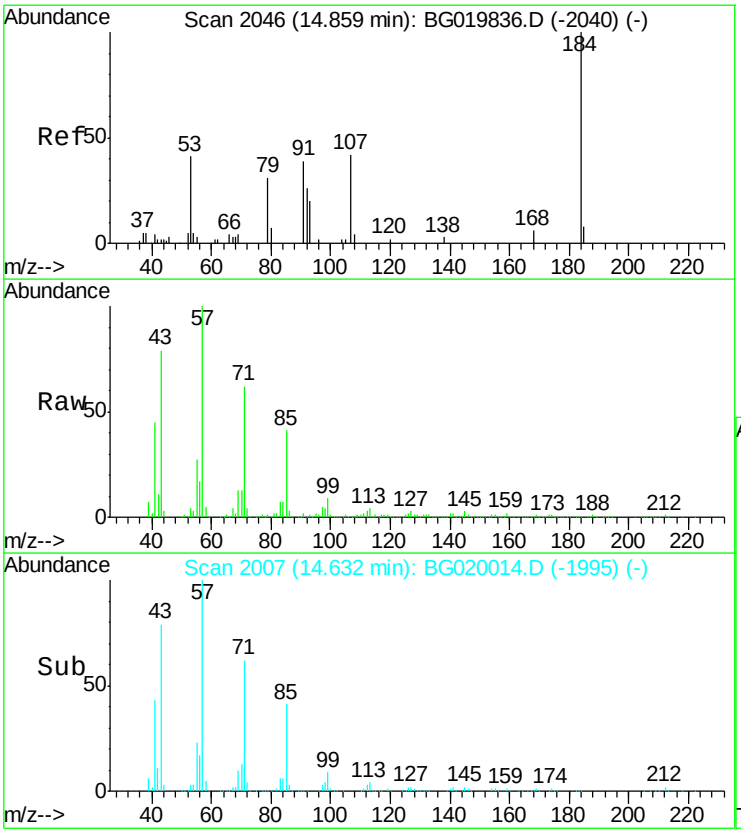
#49
Dimethylphthalate
Concen: 13.94 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:163 Resp: 68763

Ion	Ratio	Lower	Upper
163	100		
194	6.9	3.1	4.7#
164	9.7	8.8	13.2

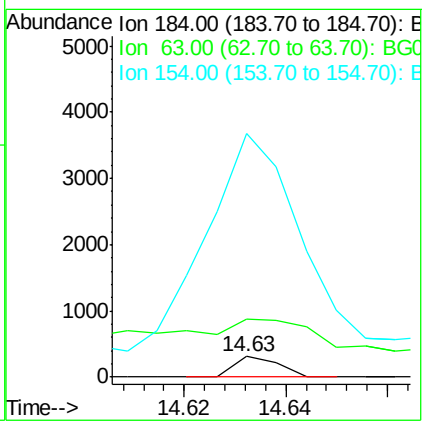


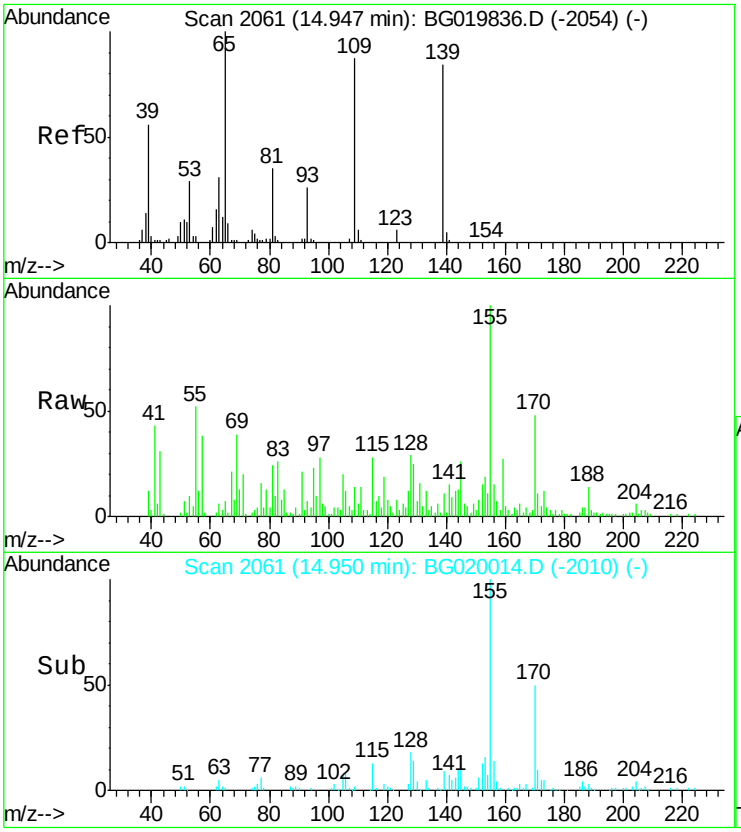


#53
2,4-Dinitrophenol
Concen: 9.61 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.23 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:184 Resp: 191

Ion	Ratio	Lower	Upper
184	100		
63	277.3	42.7	64.1#
154	1174.8	44.3	66.5#



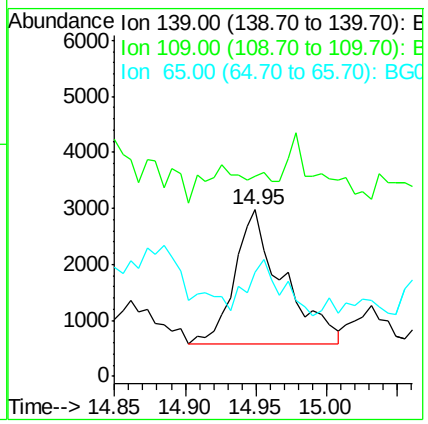


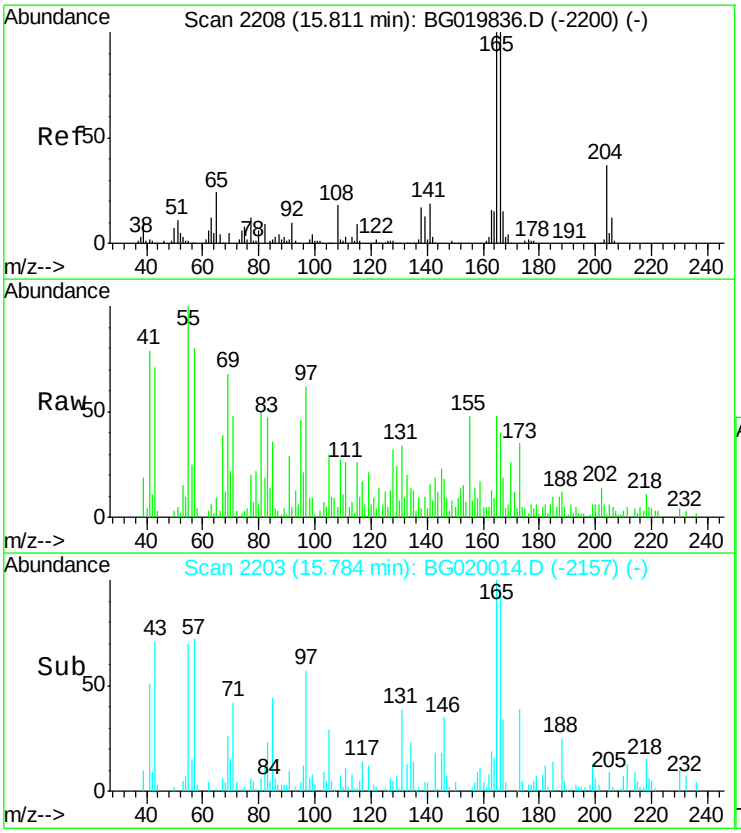
#55
4-Nitrophenol
Concen: 6.82 ng
RT: 14.95 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:139 Resp: 5721

Ion	Ratio	Lower	Upper
139	100		
109	120.4	43.2	83.2#
65	62.2	67.8	107.8#

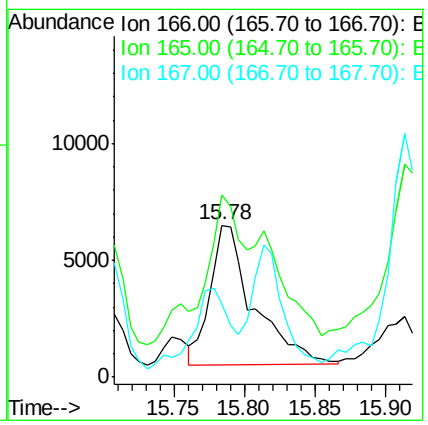


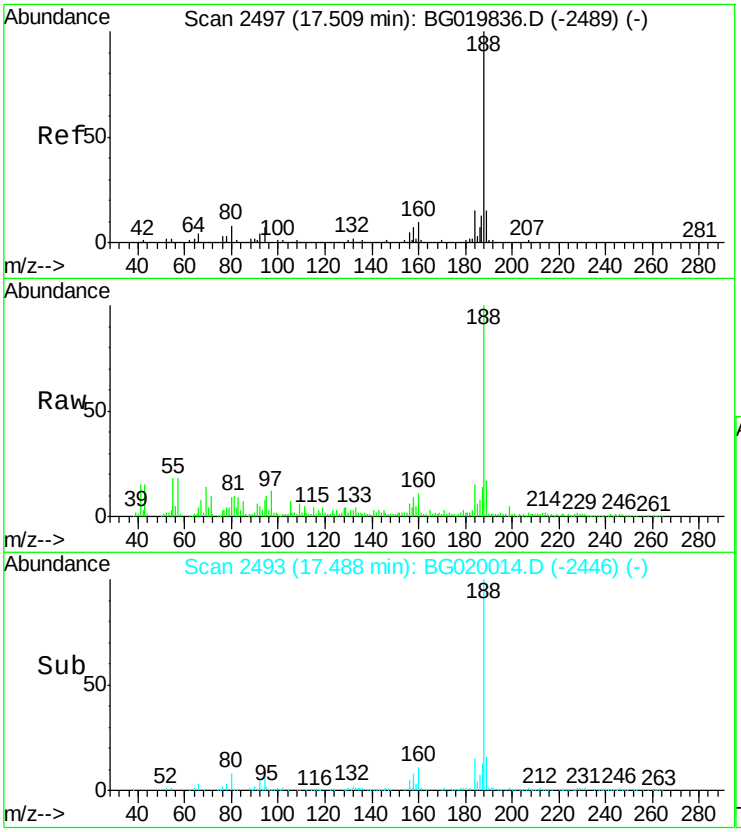


#57
Fluorene
Concen: 2.68 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:166 Resp: 12801

Ion	Ratio	Lower	Upper
166	100		
165	120.0	80.0	120.0
167	48.2	11.1	16.7#



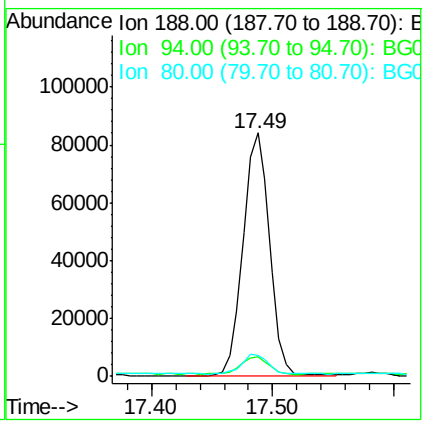


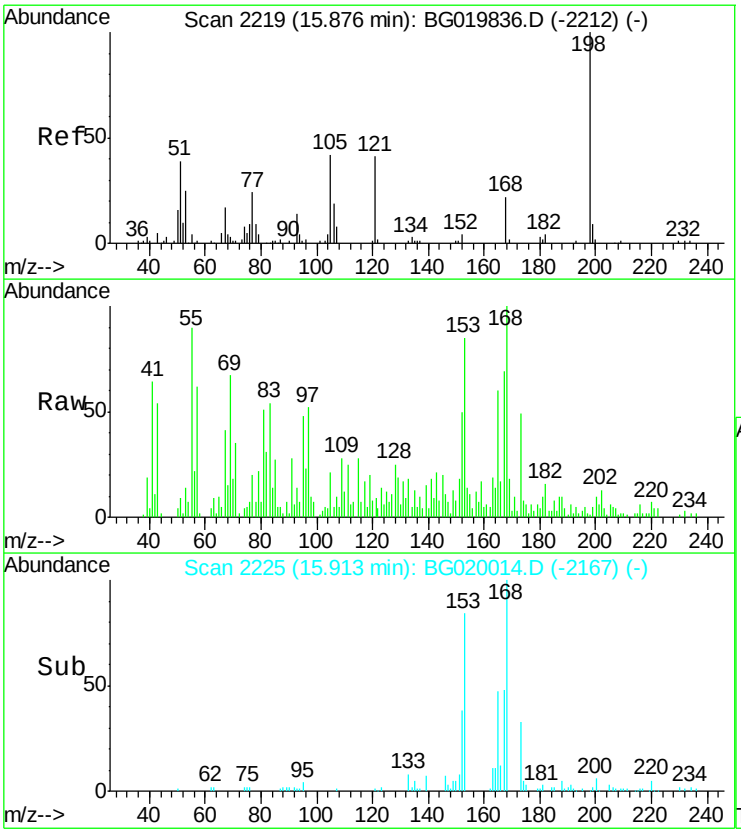
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:188 Resp: 128389

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.7	11.5
80	8.8	7.8	11.8

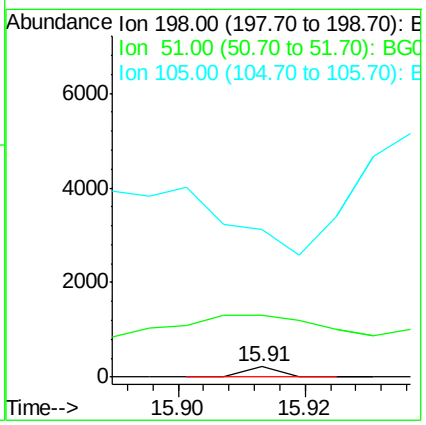


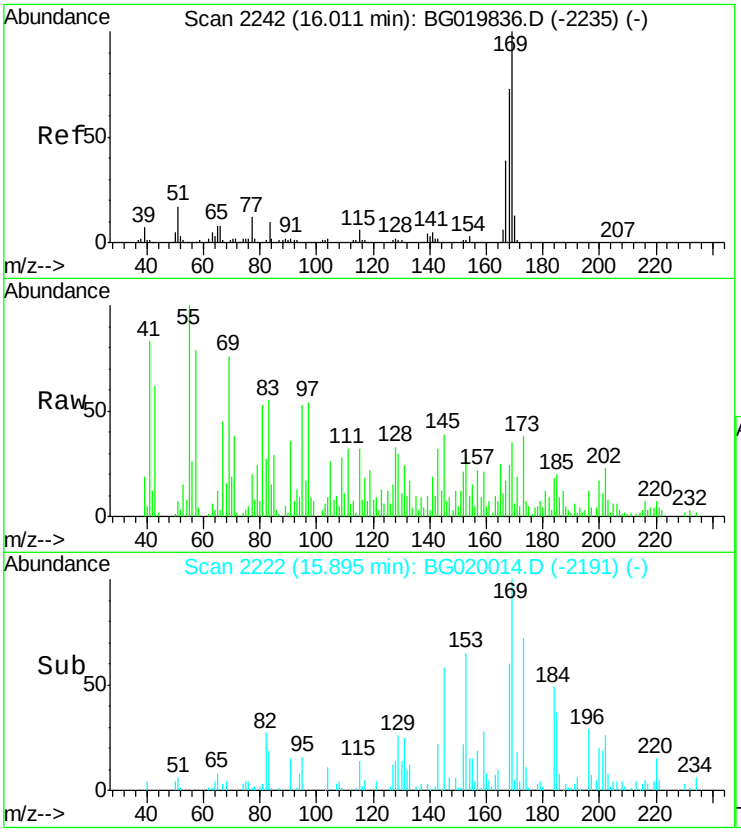


#64
4,6-Dinitro-2-methylphenol
Concen: 6.20 ng
RT: 15.91 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:198 Resp: 75

Ion	Ratio	Lower	Upper
198	100		
51	617.0	14.2	54.2#
105	1478.3	21.1	61.1#



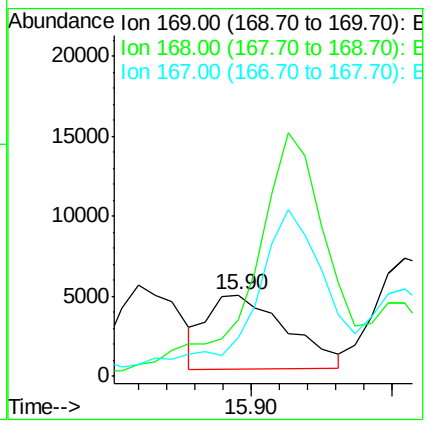


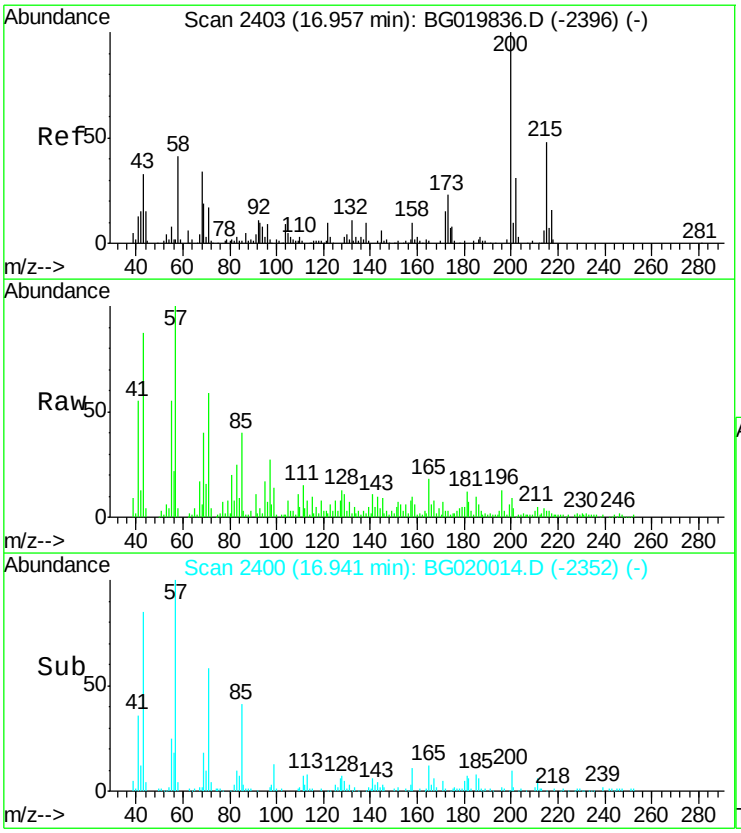
#65
n-Nitrosodiphenylamine
Concen: 2.45 ng
RT: 15.90 min Scan# 2222
Delta R.T. -0.12 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:169 Resp: 9094

Ion	Ratio	Lower	Upper
169	100		
168	70.1	58.2	87.2
167	48.1	32.7	49.1

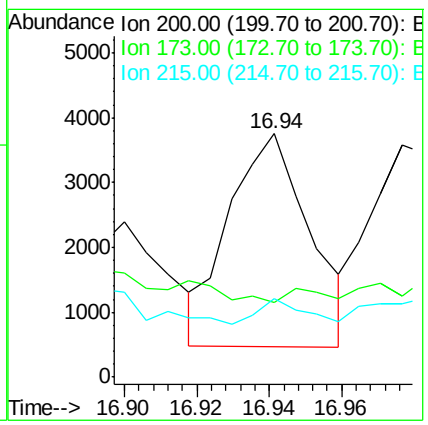


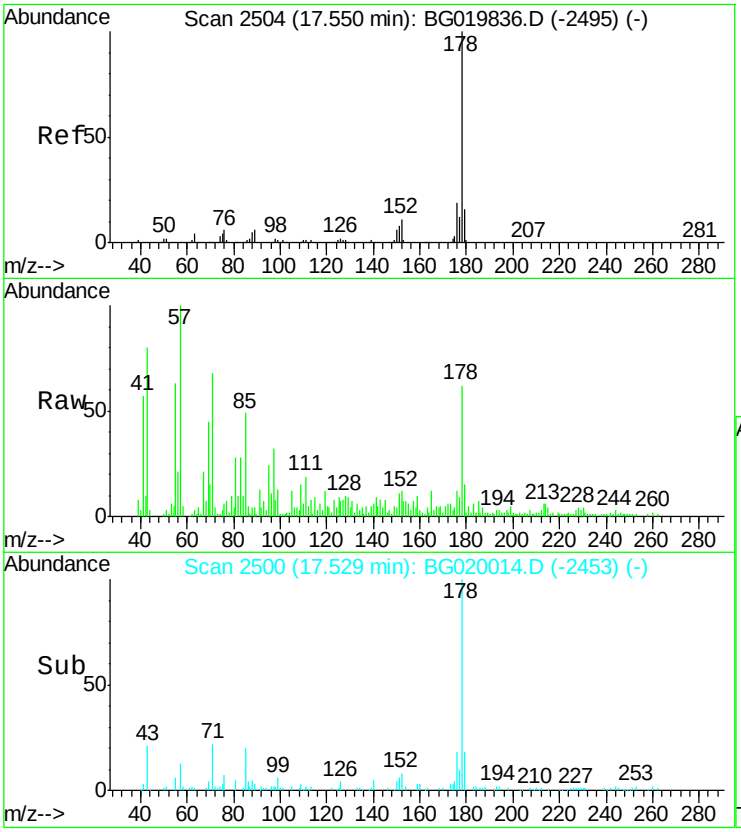


#68
Atrazine
Concen: 3.13 ng
RT: 16.94 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:200 Resp: 5053

Ion	Ratio	Lower	Upper
200	100		
173	30.5	5.2	45.2
215	32.2	27.0	67.0



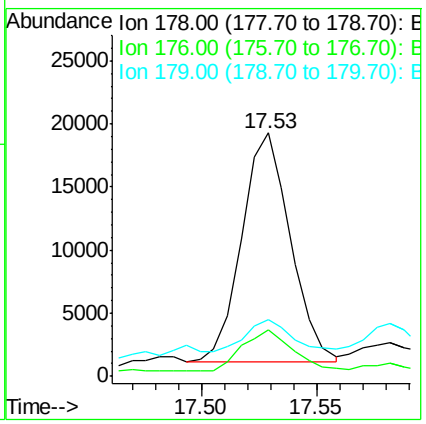


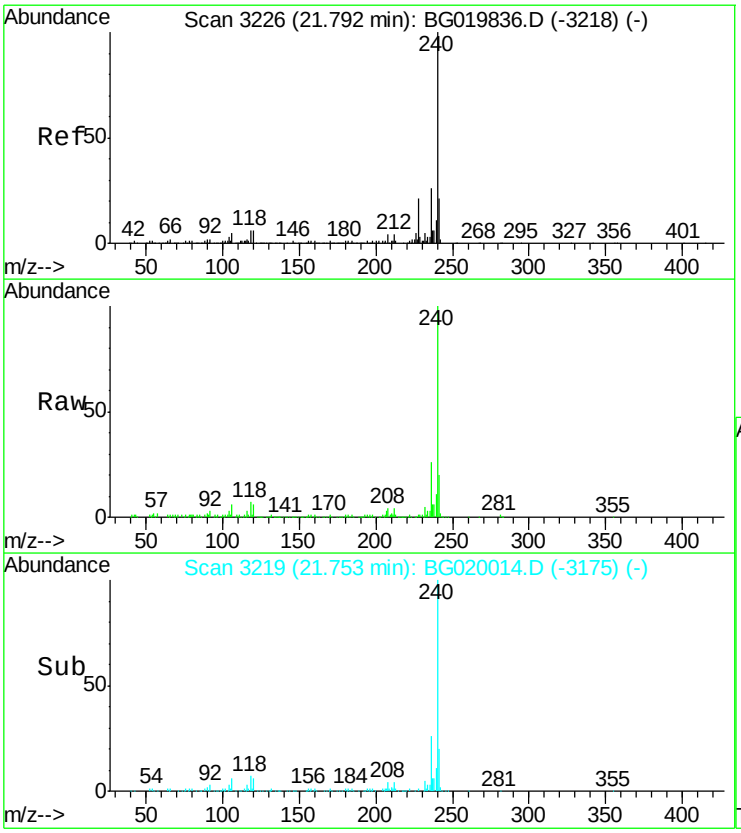
#70
Phenanthrene
Concen: 3.66 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:178 Resp: 26551

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.7	25.1
179	23.4	13.9	20.9#

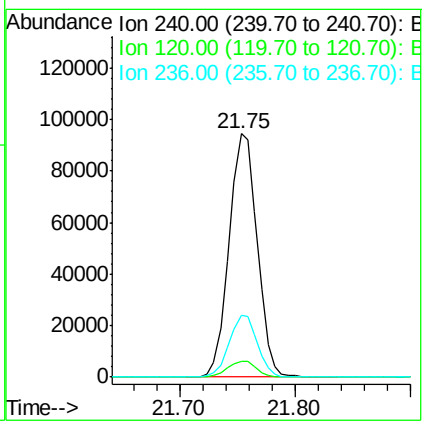


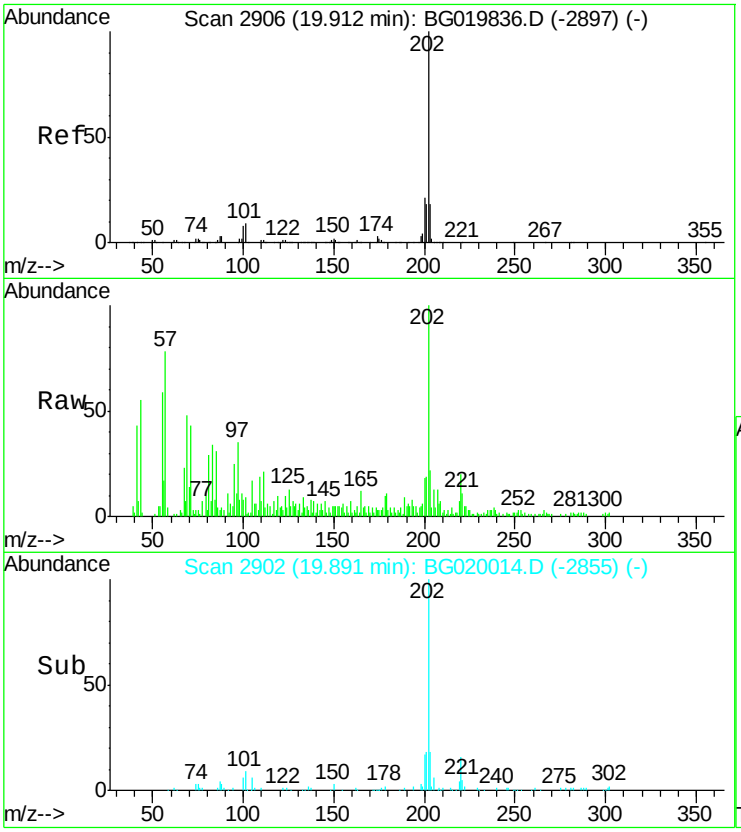


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:240 Resp: 159318

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.6	20.7	31.1



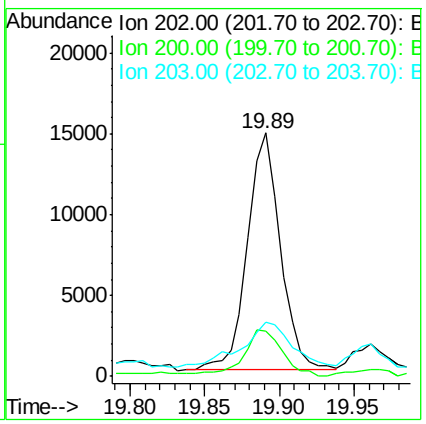


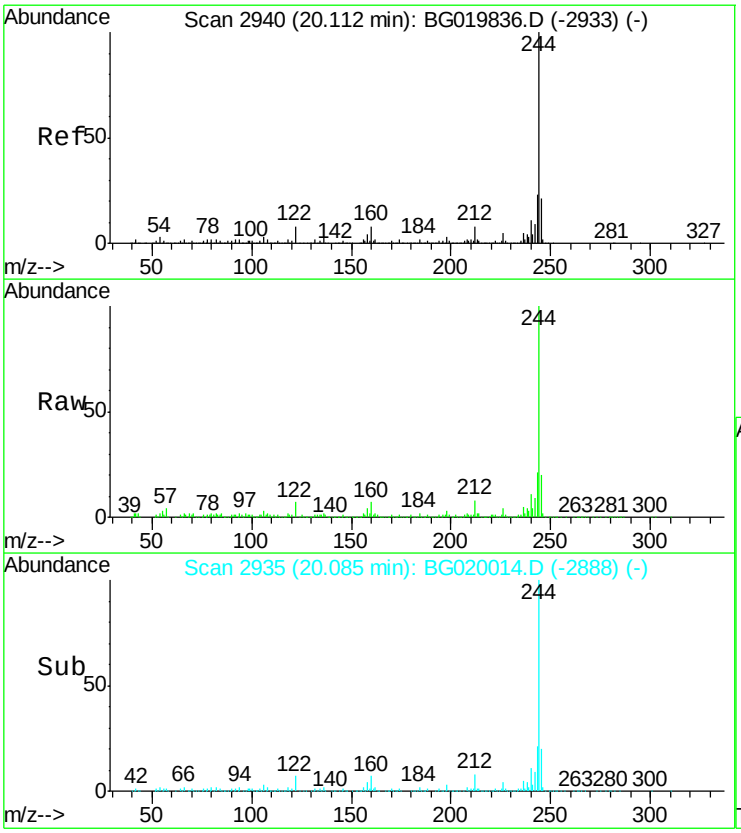
#77
Pyrene
Concen: 2.38 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:202 Resp: 22334

Ion	Ratio	Lower	Upper
202	100		
200	18.5	19.4	29.0#
203	22.0	15.5	23.3

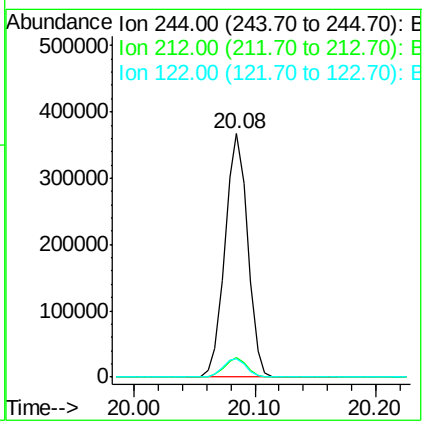


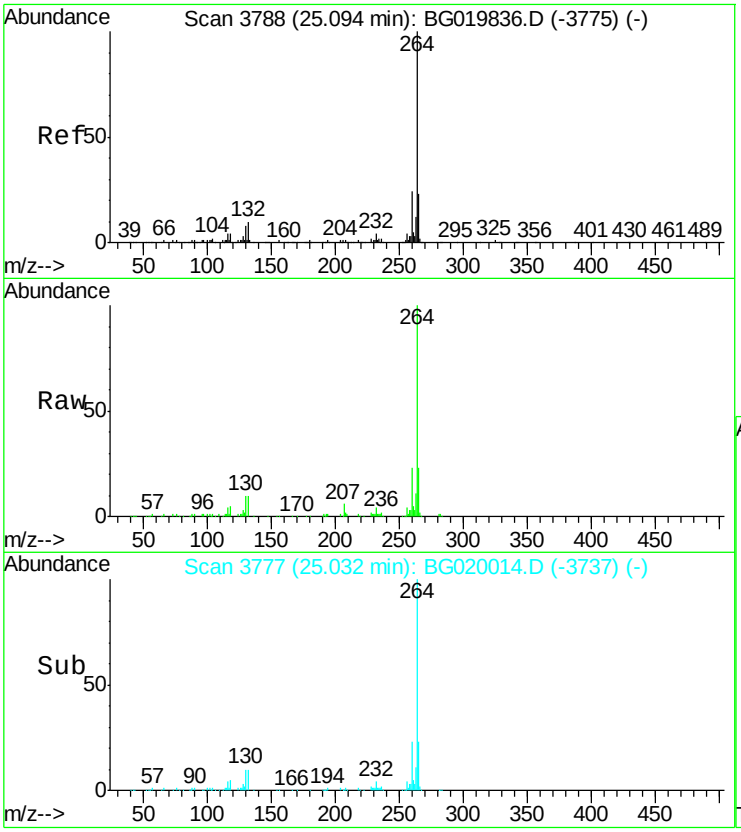


#78
Terphenyl-d14
Concen: 73.25 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Tgt Ion:244 Resp: 478460

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	7.3	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020014.D
Acq: 8 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
UST-1

Tgt Ion:264 Resp: 153757

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.6	17.2	25.8