Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020875.D
Acq On : 12 Feb 2016 3:17
Operator : SJ/UM
Sample : H1420-01
Misc : LOQ 20PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-27

Quant Time: Feb 12 04:52:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19490	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	99300	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	62087	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	123257	20.00	ng		0.00
75) Chrysene-d12	21.89	240	115458	20.00	ng		-0.01
86) Perylene-d12	25.27	264	110359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	60415	52.20	ng		0.00
7) Phenol-d6	7.40	99	54050	31.95	ng		0.00
23) Nitrobenzene-d5	9.44	82	131584	87.13	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	90913	148.90	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	397737	89.99	ng		0.00
78) Terphenyl-d14	20.20	244	495680	100.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.43	94	477	0.27	ng	#	54
15) Benzyl Alcohol	8.59	79	1465	1.37	ng	#	40
24) Nitrobenzene	9.44	77	246	0.16	ng	#	33
31) Naphthalene	11.33	128	53	0.01	ng	#	1
45) 1,1'-Biphenyl	13.51	154	660	0.12	ng	#	1
49) Dimethylphthalate	14.32	163	10793	2.22	ng		99
51) Acenaphthene	14.89	154	131	0.03	ng	#	2
59) Diethylphthalate	15.67	149	612	0.12	ng	#	60
62) Azobenzene	16.36	77	362	0.09	ng	#	1
65) n-Nitrosodiphenylamine	16.36	169	3348	0.84	ng	#	36
73) Di-n-butylphthalate	18.55	149	844	0.10	ng	#	78
77) Pyrene	20.01	202	65	0.01	ng	#	56
80) Benzo(a)anthracene	21.89	228	312	0.05	ng	#	50
82) Chrysene	21.89	228	312	0.05	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.77	149	601	0.11	ng	#	54
84) Di-n-octyl phthalate	23.11	149	60	0.01	ng	#	1
89) Benzo(a)pyrene	25.28	252	185	0.03	ng	#	57

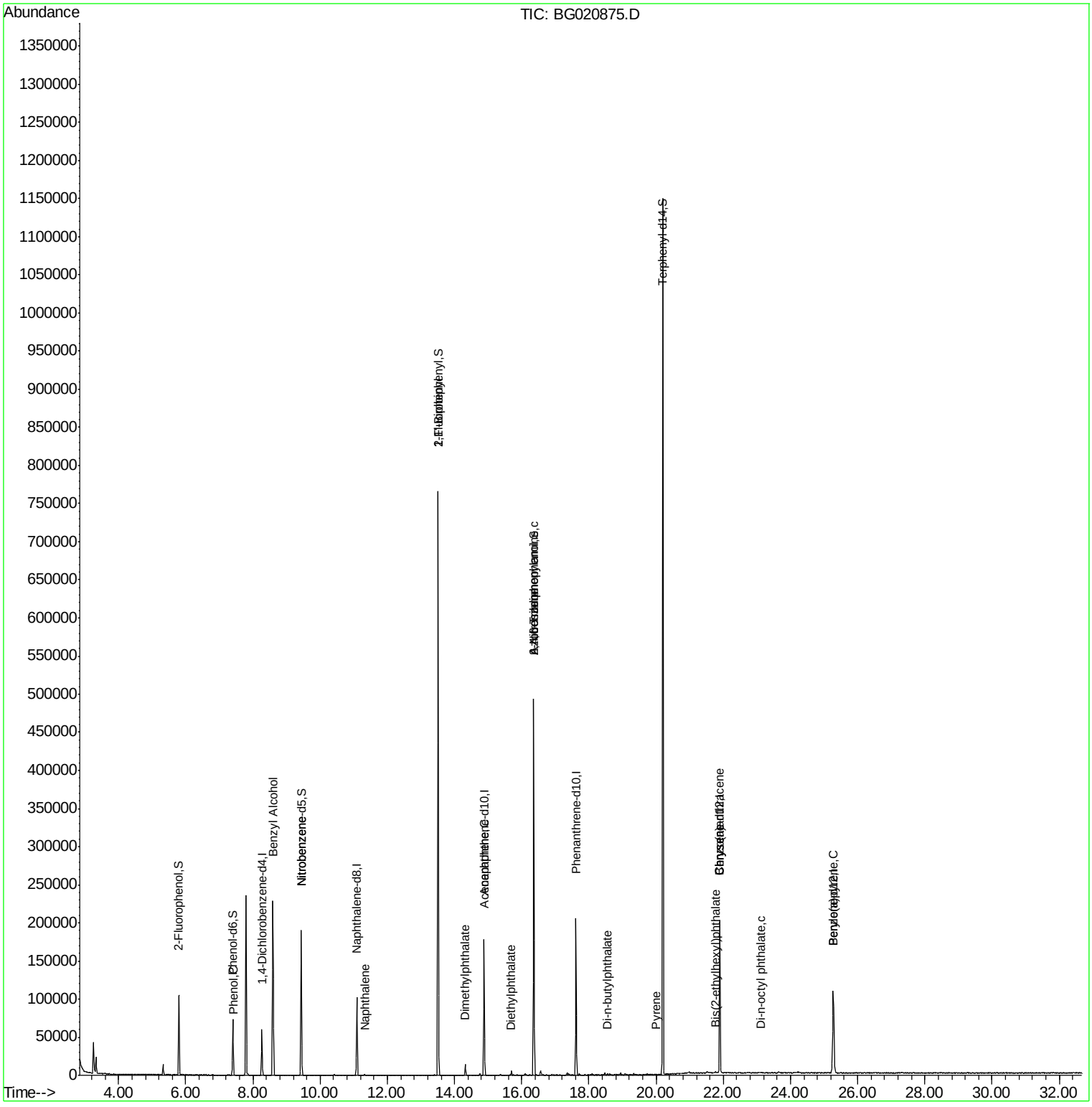
(#) = qualifier out of range (m) = manual integration (+) = signals summed

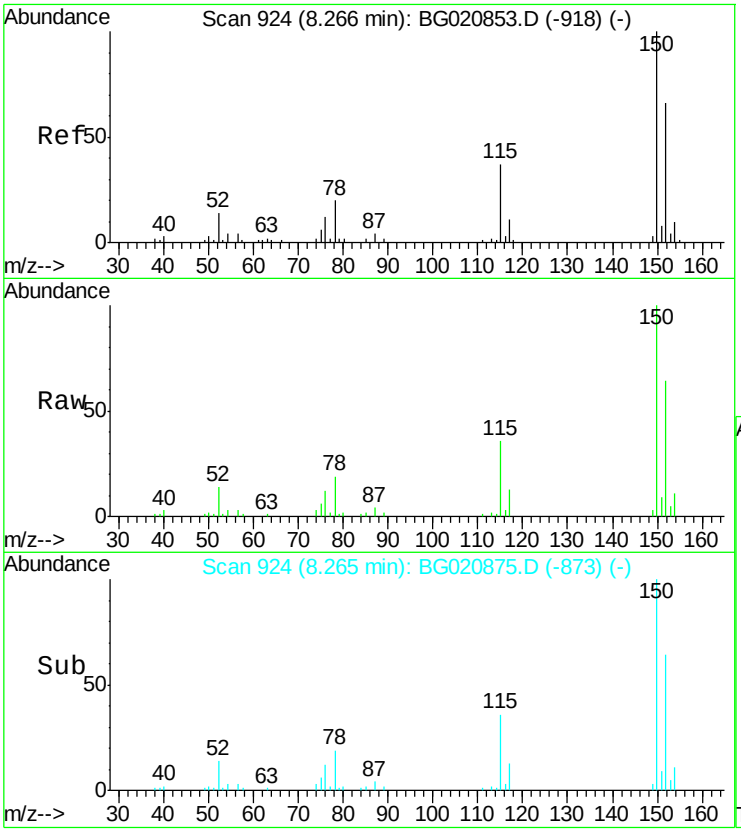
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020875.D
Acq On : 12 Feb 2016 3:17
Operator : SJ/UM
Sample : H1420-01
Misc : LOQ 20PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-27

Quant Time: Feb 12 04:52:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



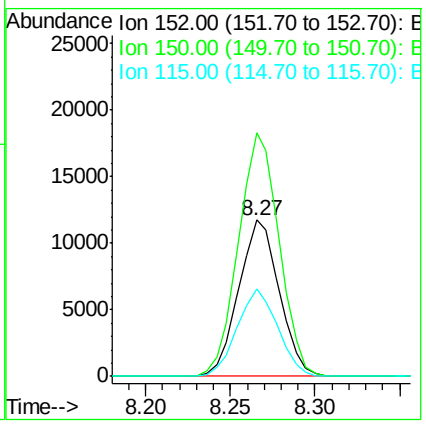


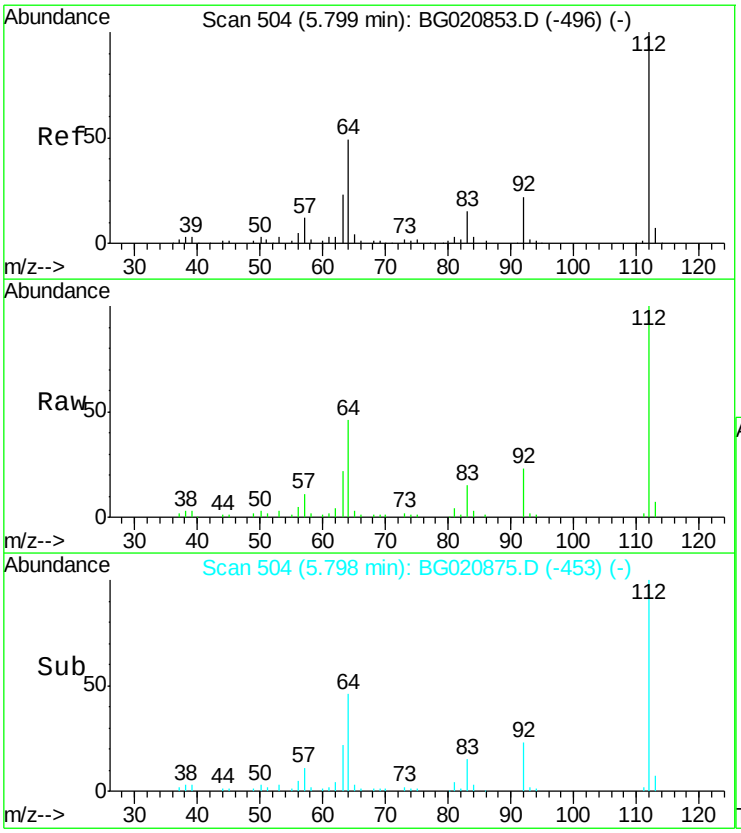
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:152 Resp: 19490

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.0	183.0
115	55.8	45.2	67.8

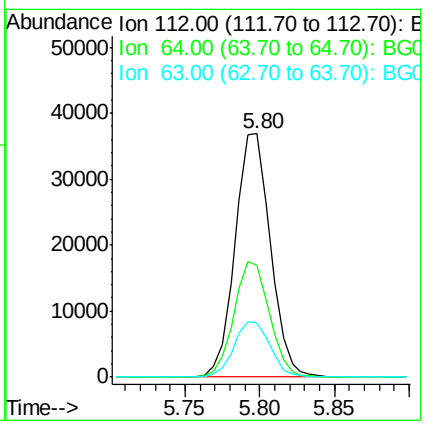


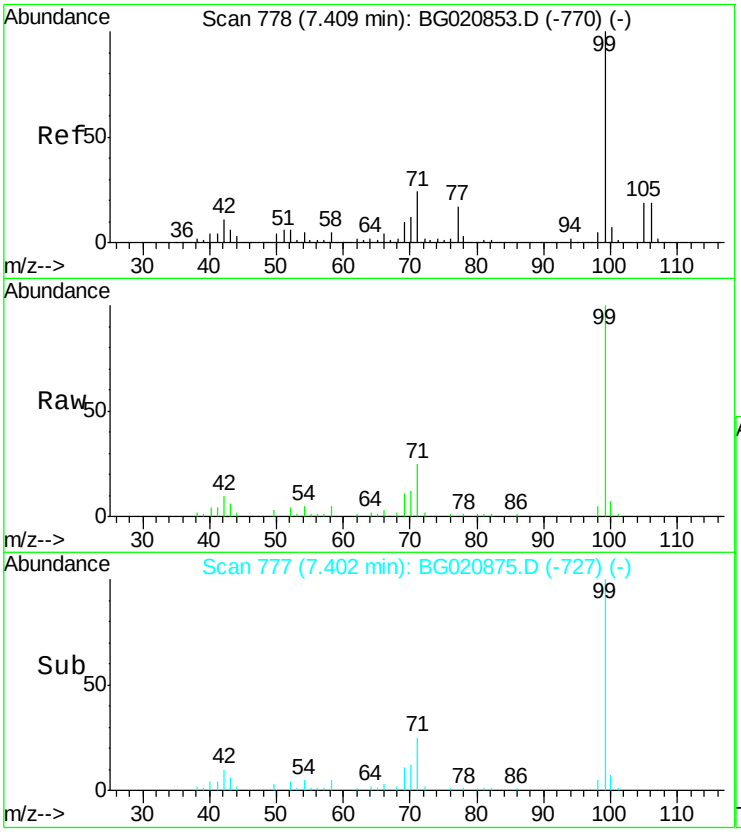


#5
2-Fluorophenol
Concen: 52.20 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:112 Resp: 60415

Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.3	58.9
63	22.0	18.2	27.4



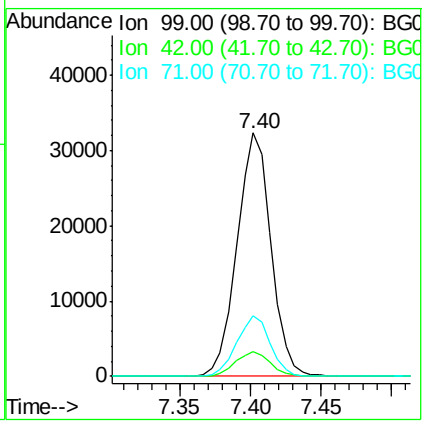


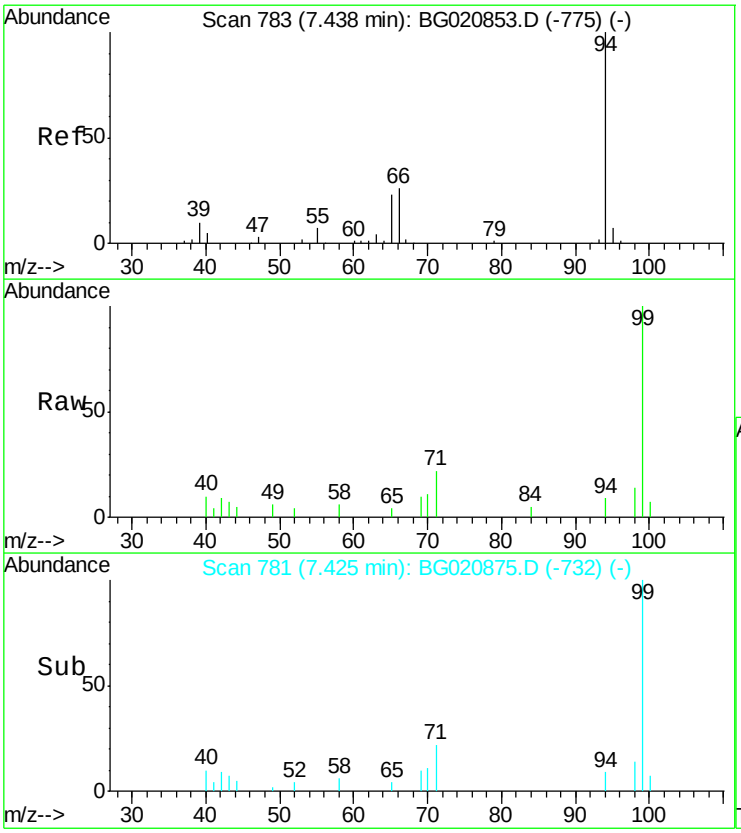
#7
Phenol-d6
Concen: 31.95 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion: 99 Resp: 54050

Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.4	12.6
71	25.0	19.4	29.0

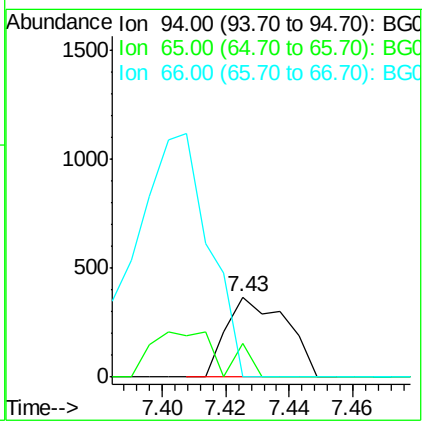


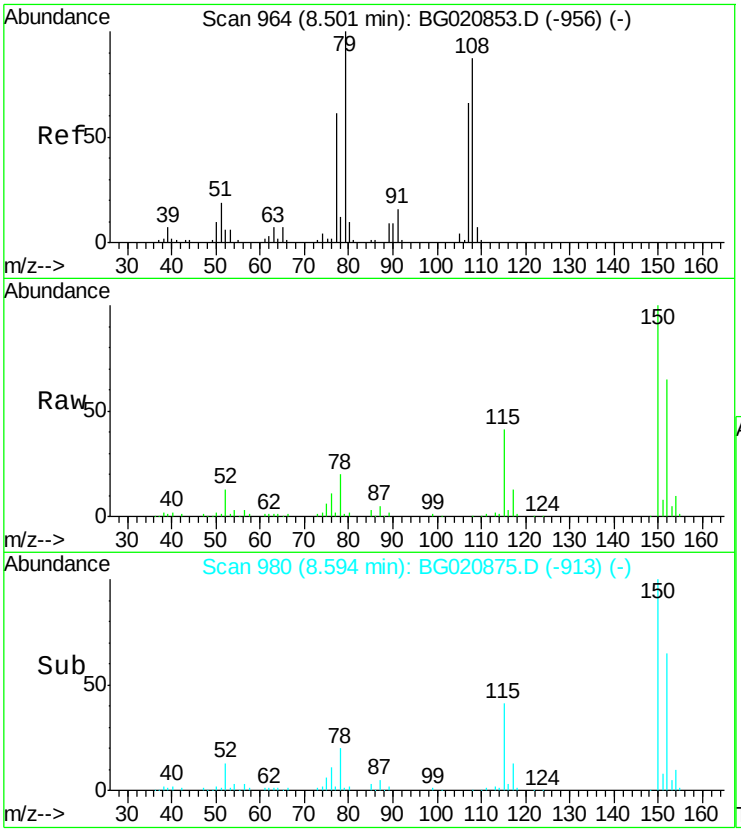


#10
Phenol
Concen: 0.27 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion: 94 Resp: 477

Ion	Ratio	Lower	Upper
94	100		
65	41.7	2.8	42.8
66	0.0	7.2	47.2#



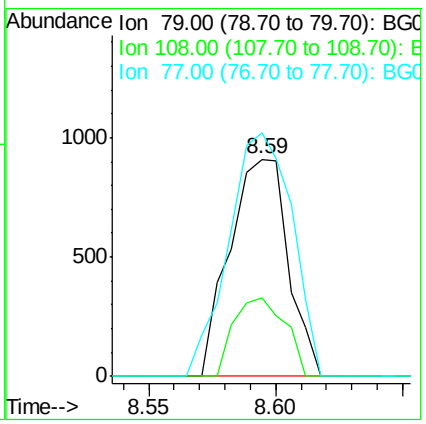


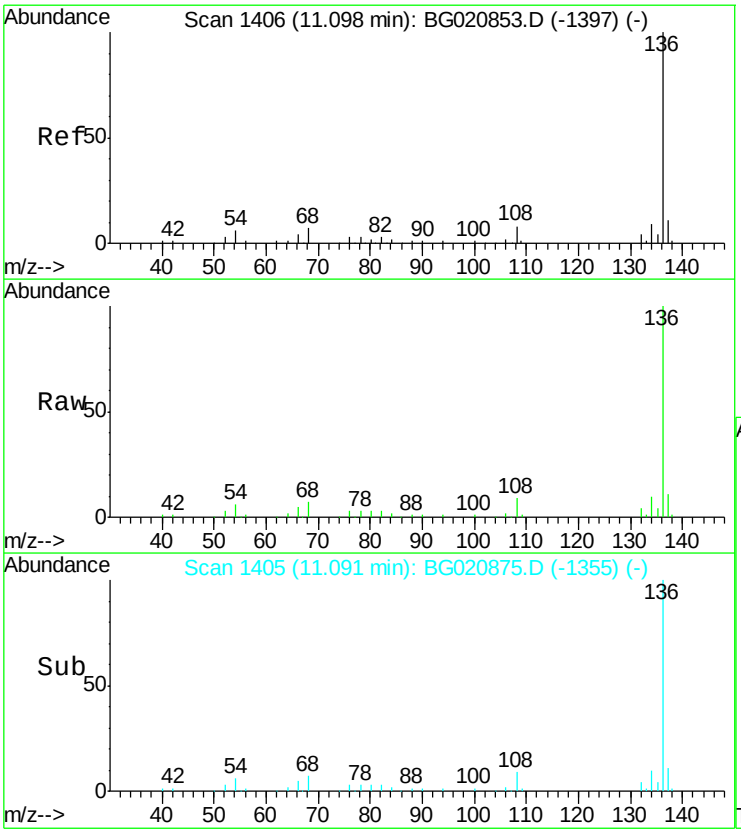
#15
Benzyl Alcohol
Concen: 1.37 ng
RT: 8.59 min Scan# 980
Delta R.T. 0.09 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion: 79 Resp: 1465

Ion	Ratio	Lower	Upper
79	100		
108	36.0	69.4	104.2#
77	112.1	48.6	73.0#

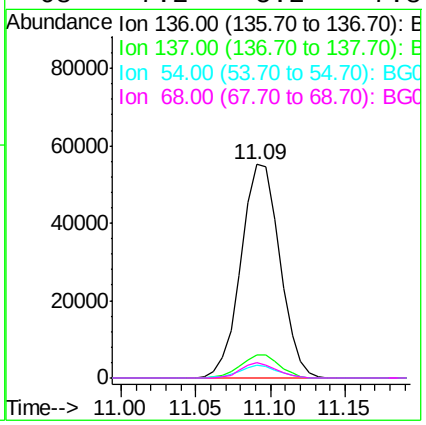


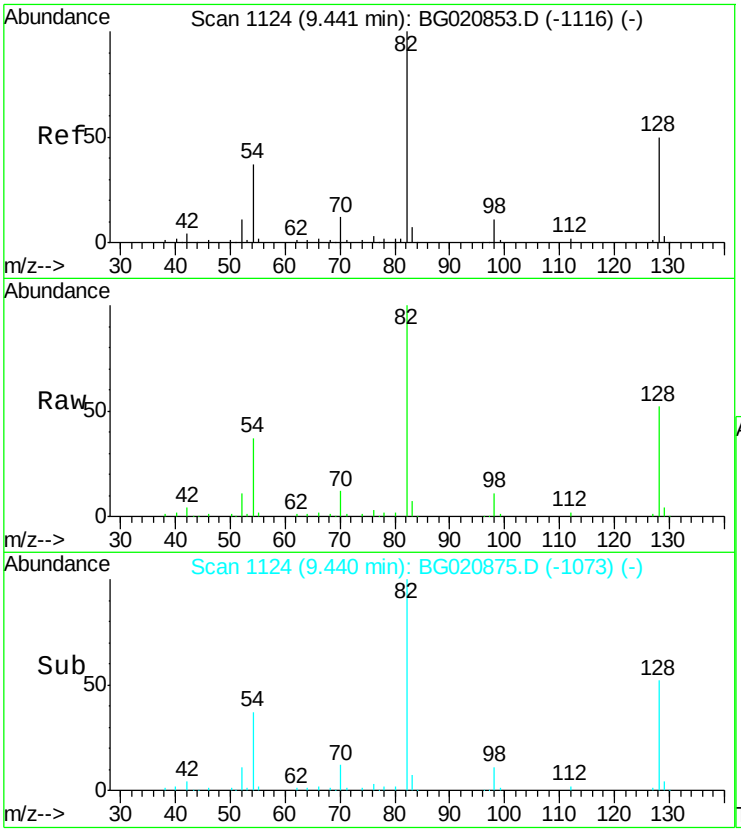


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:136 Resp: 99300

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.0	5.0	7.4
68	7.2	5.2	7.8



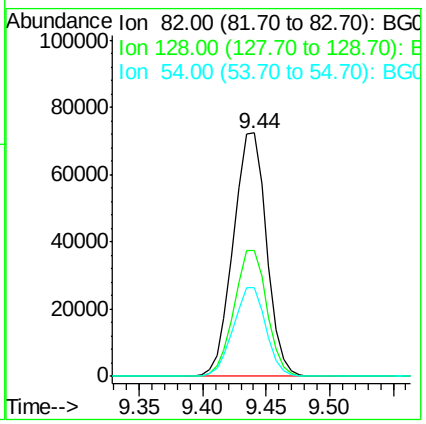


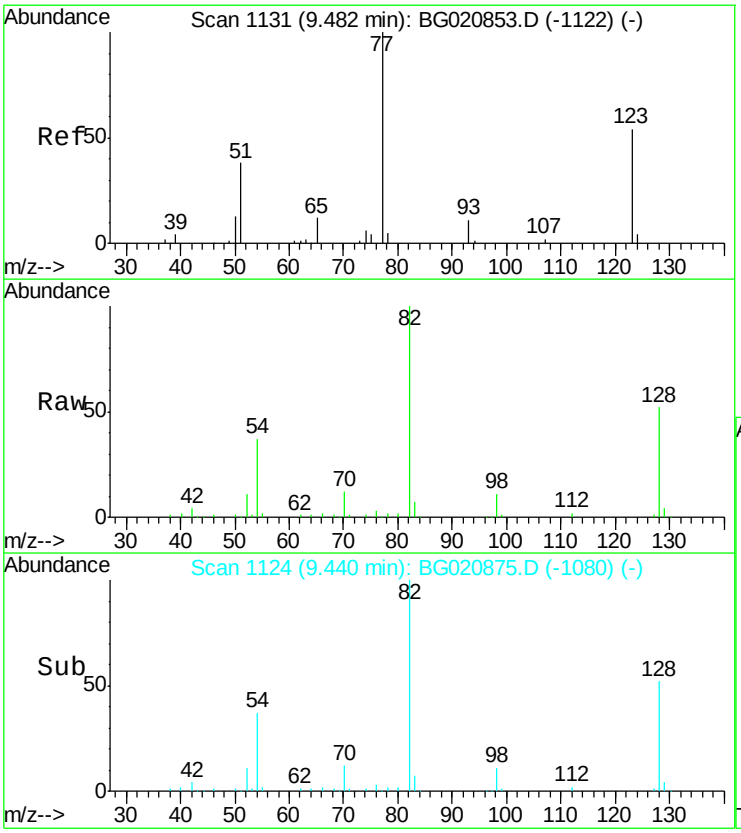
#23
Nitrobenzene-d5
Concen: 87.13 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion: 82 Resp: 131584

Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.1	60.1
54	36.7	29.5	44.3

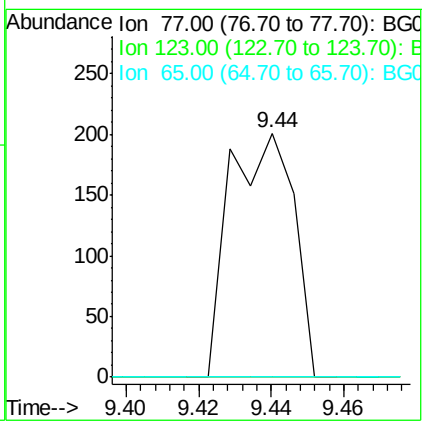


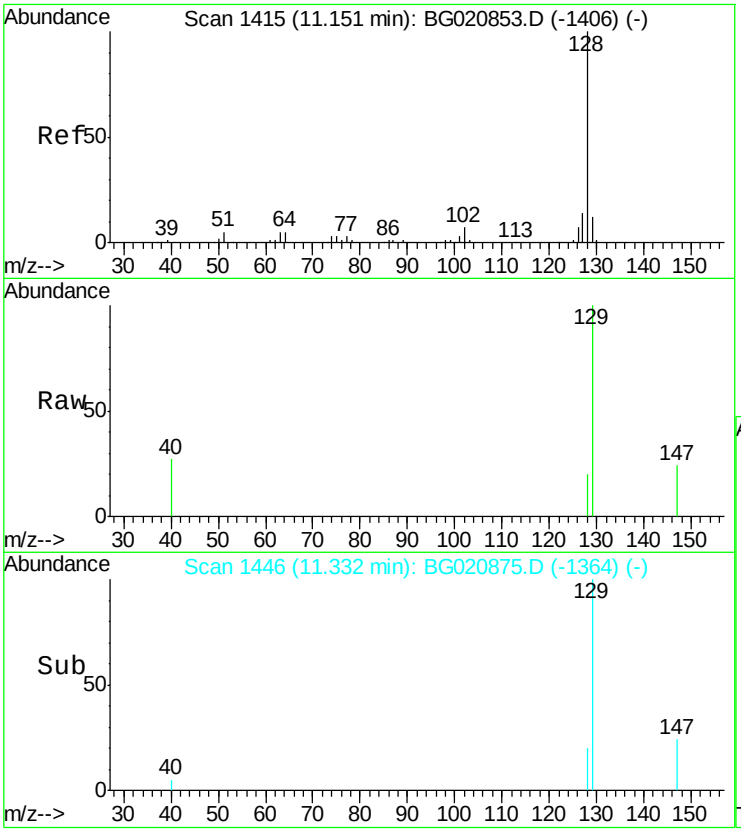


#24
Nitrobenzene
Concen: 0.16 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.04 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion: 77 Resp: 246

Ion	Ratio	Lower	Upper
77	100		
123	0.0	43.2	64.8#
65	0.0	9.2	13.8#



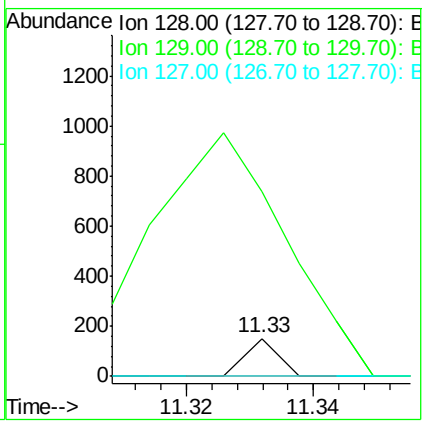


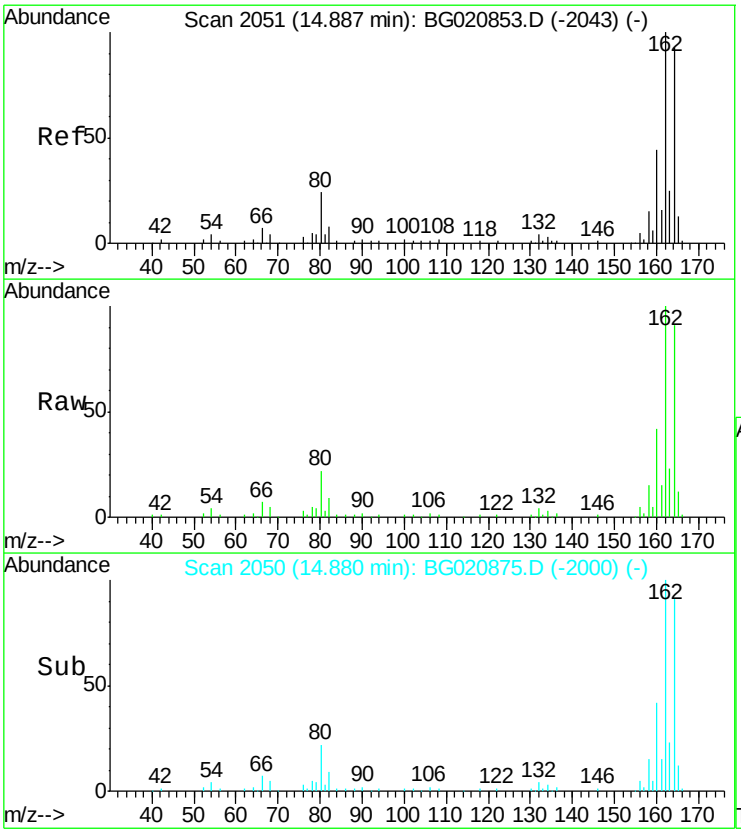
#31
Naphthalene
Concen: 0.01 ng
RT: 11.33 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:128 Resp: 53

Ion	Ratio	Lower	Upper
128	100		
129	490.1	9.3	13.9#
127	0.0	11.4	17.2#

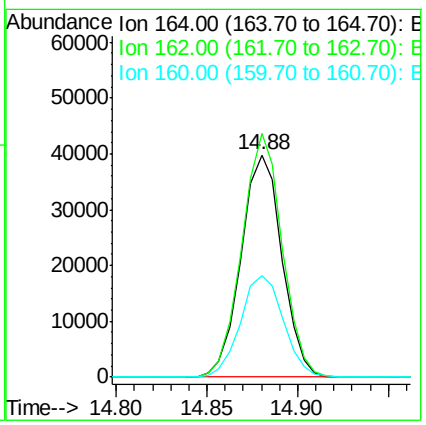


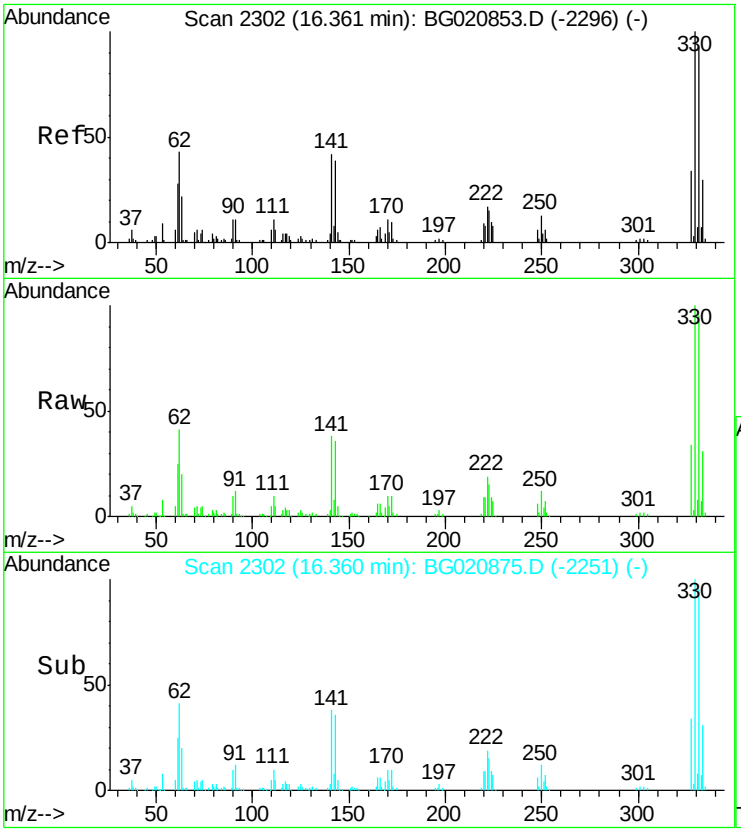


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:164 Resp: 62087

Ion	Ratio	Lower	Upper
164	100		
162	109.6	85.7	128.5
160	46.0	37.4	56.0



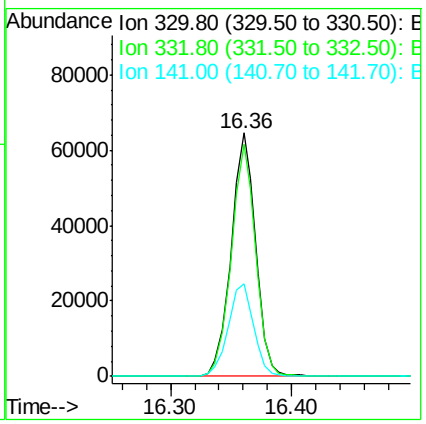


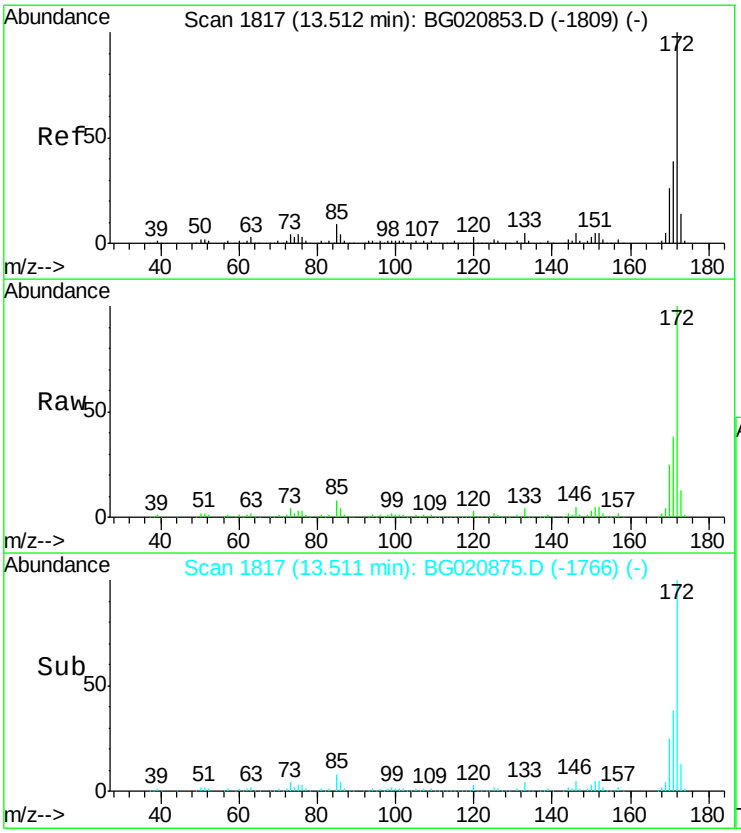
#41
2,4,6-Tribromophenol
Concen: 148.90 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:330 Resp: 90913

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	39.2	32.0	48.0

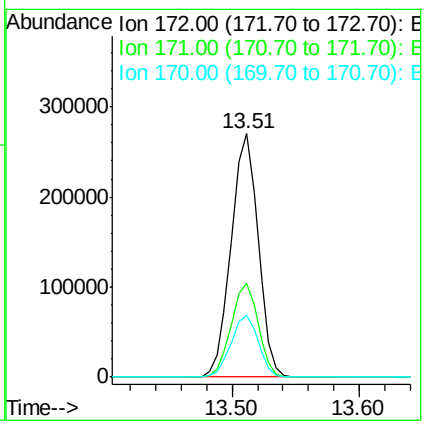


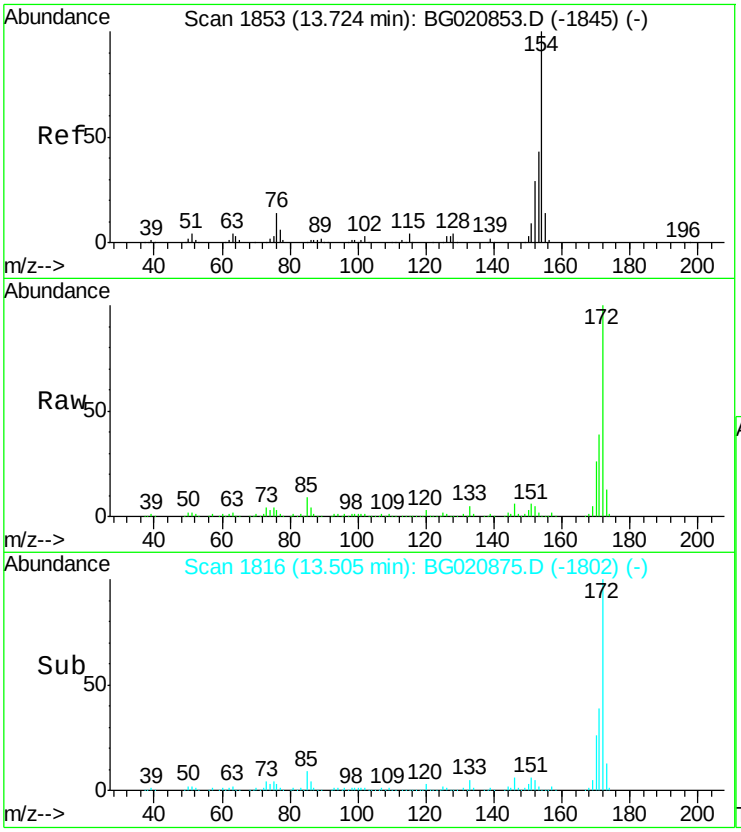


#44
2-Fluorobiphenyl
Concen: 89.99 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:172 Resp: 397737

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.2	46.8
170	25.4	20.6	30.8



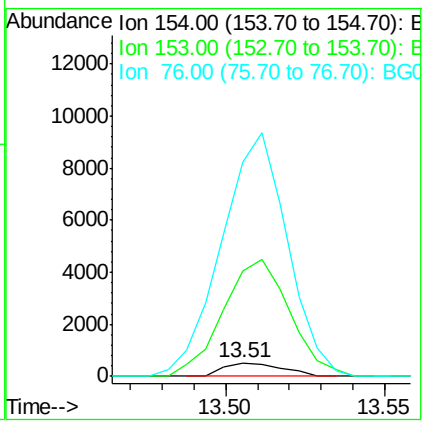


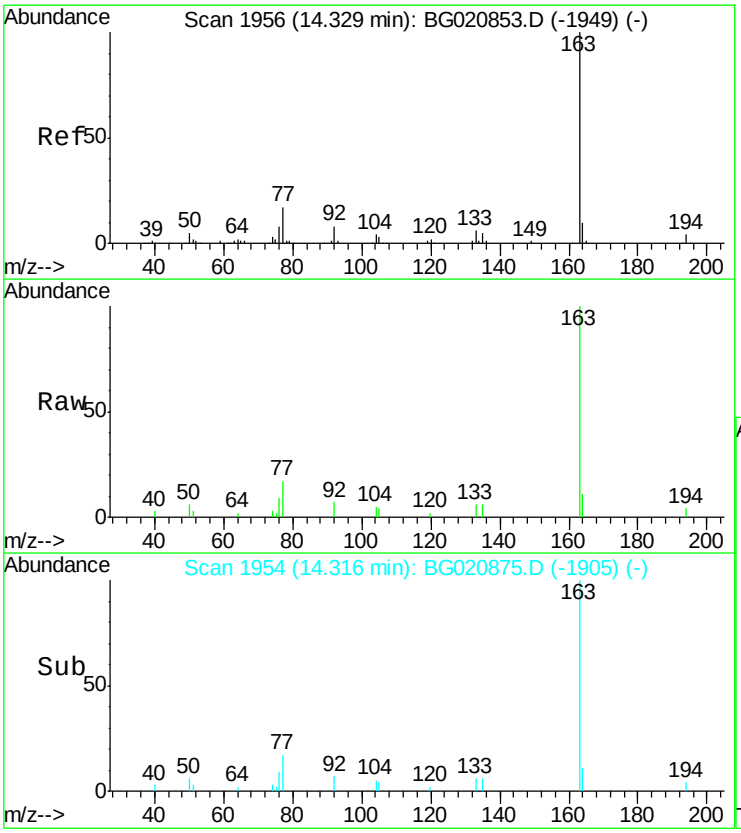
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.22 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:154 Resp: 660

Ion	Ratio	Lower	Upper
154	100		
153	796.7	22.5	62.5#
76	1614.1	0.0	33.8#

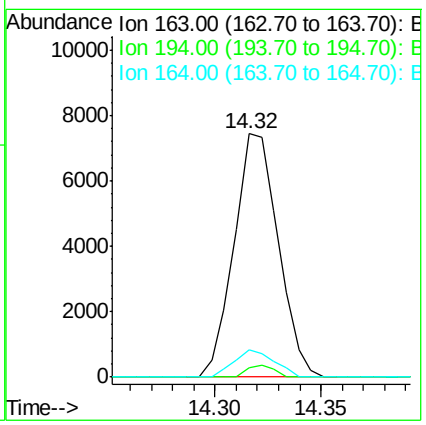


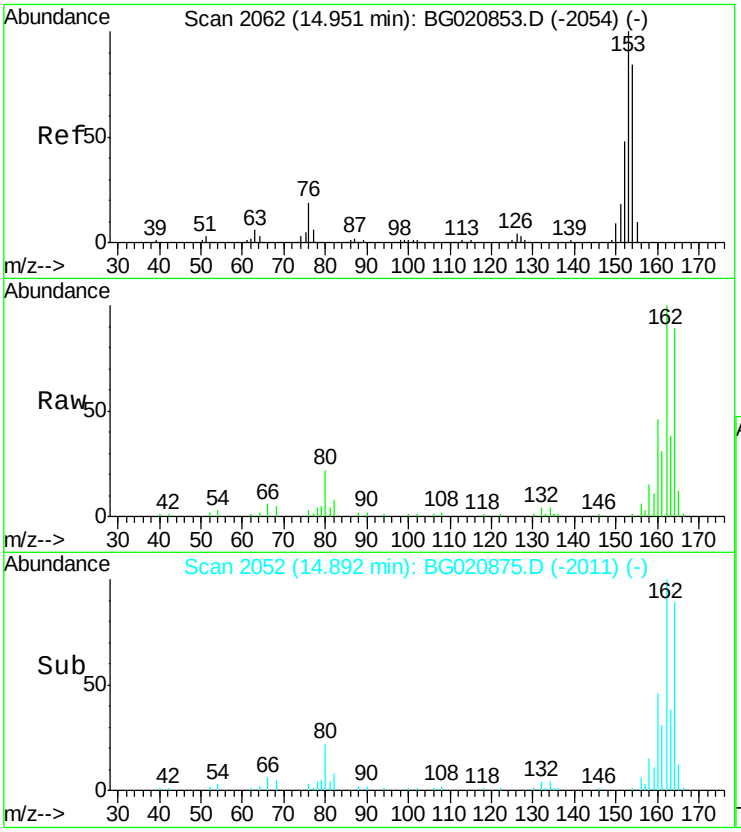


#49
Dimethylphthalate
Concen: 2.22 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:163 Resp: 10793

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	11.1	8.3	12.5



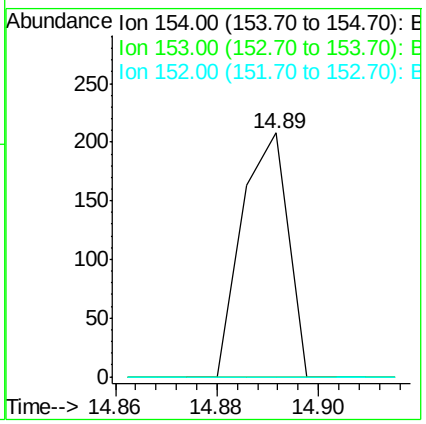


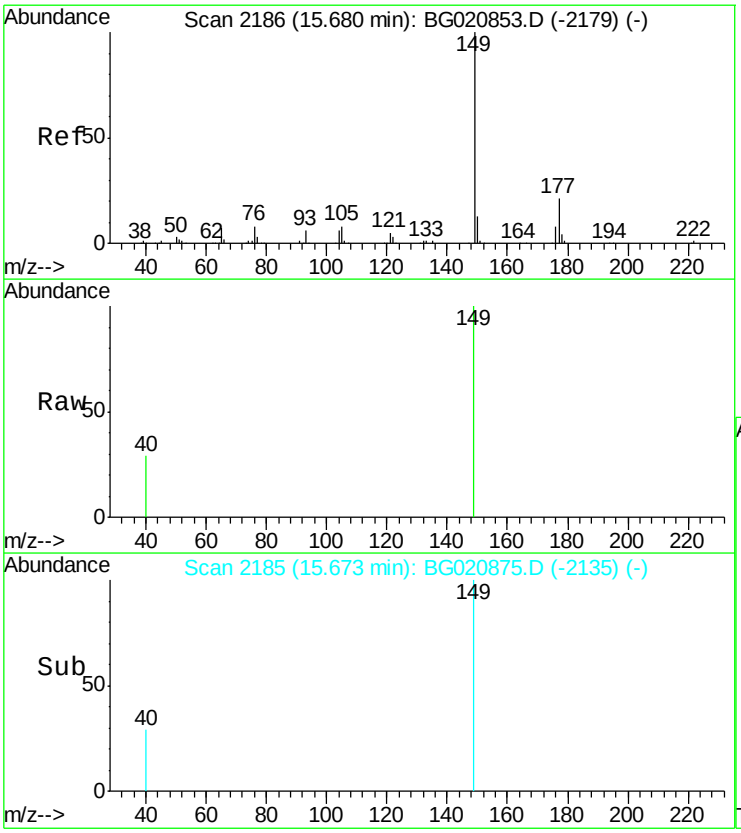
#51
Acenaphthene
Concen: 0.03 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.06 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:154 Resp: 131

Ion	Ratio	Lower	Upper
154	100		
153	0.0	95.4	143.0#
152	0.0	46.1	69.1#

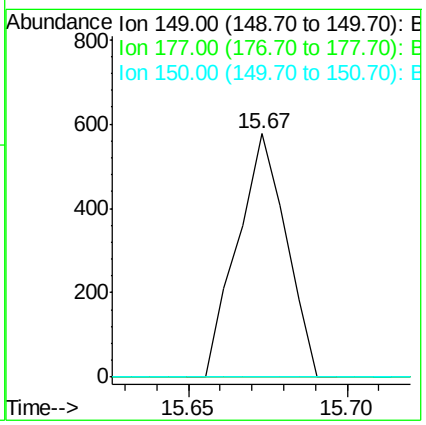


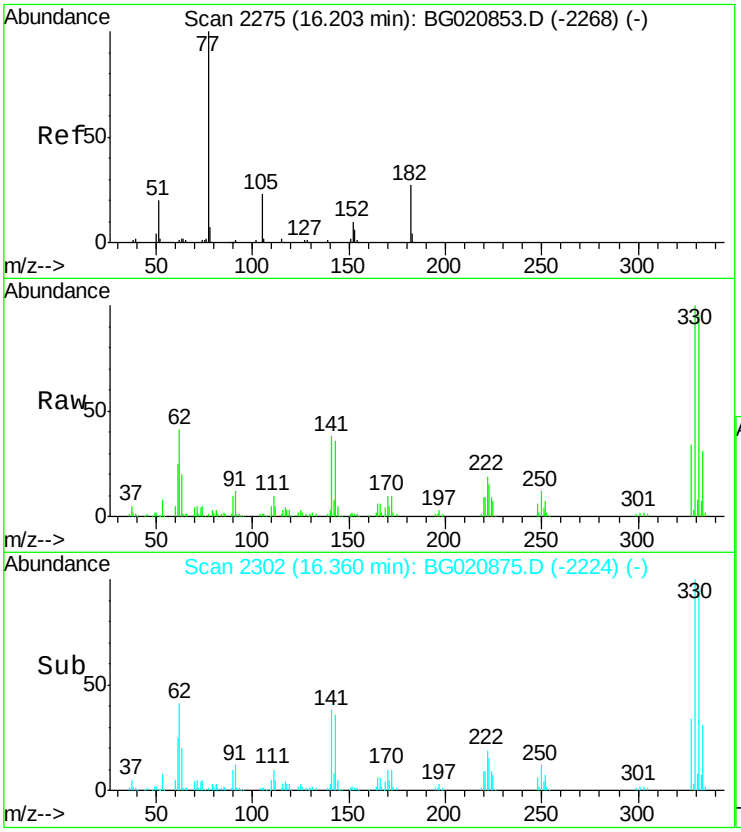


#59
Diethylphthalate
Concen: 0.12 ng
RT: 15.67 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:149 Resp: 612

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.9	25.3#
150	0.0	10.1	15.1#



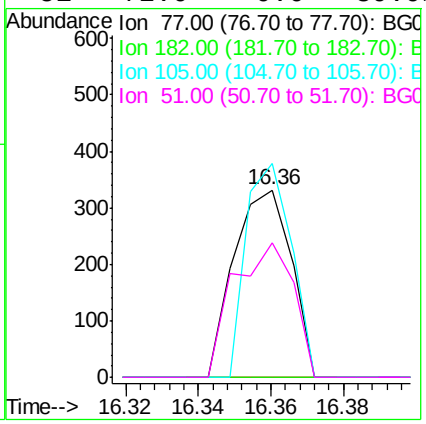


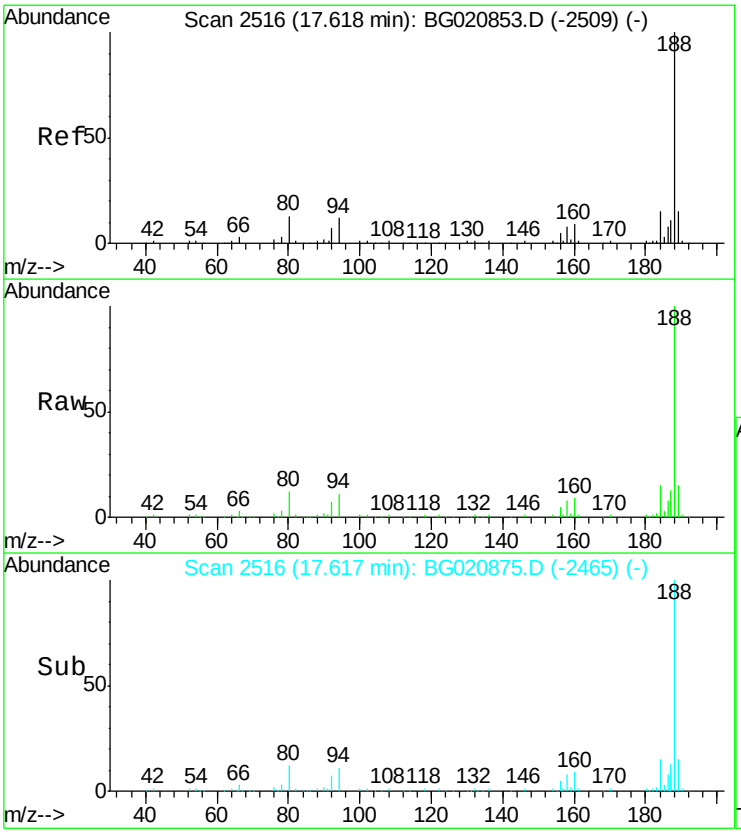
#62
Azobenzene
Concen: 0.09 ng
RT: 16.36 min Scan# 2302
Delta R.T. 0.16 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion: 77 Resp: 362

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.8	46.8#
105	113.9	3.4	43.4#
51	72.0	0.0	39.9#

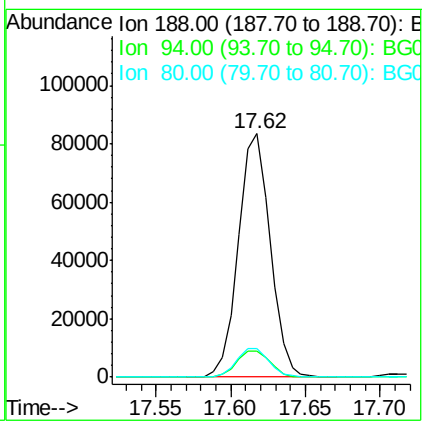


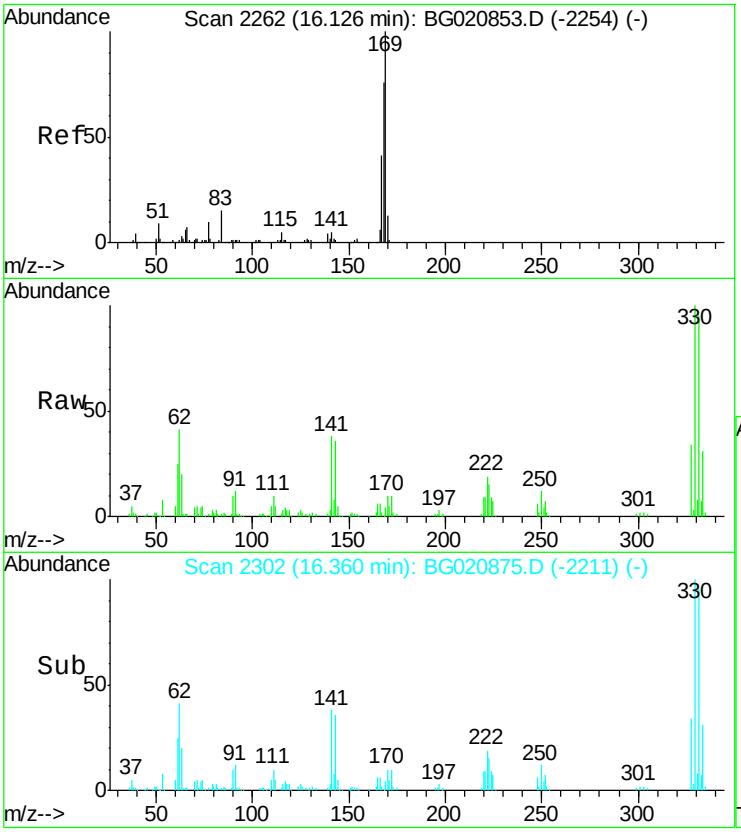


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:188 Resp: 123257

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.0
80	11.7	10.2	15.4



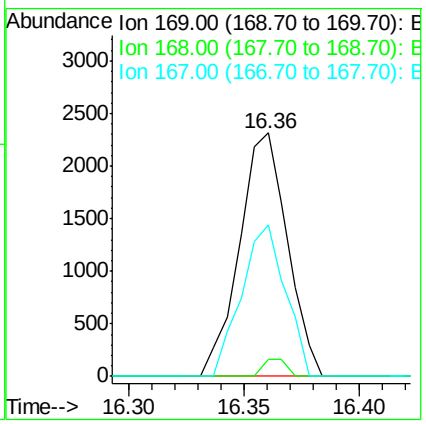


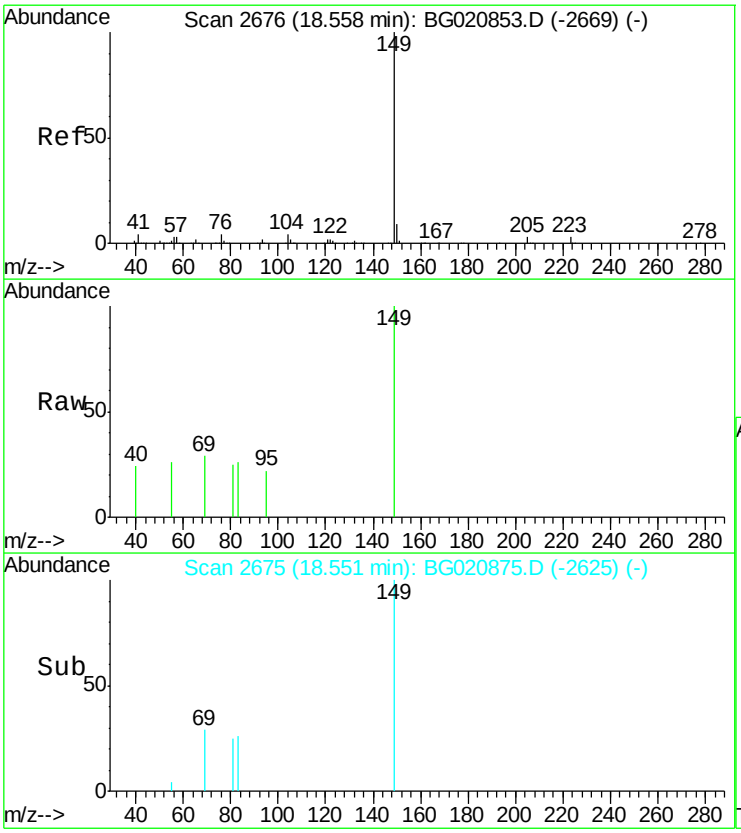
#65
n-Nitrosodiphenylamine
Concen: 0.84 ng
RT: 16.36 min Scan# 2302
Delta R.T. 0.23 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:169 Resp: 3348

Ion	Ratio	Lower	Upper
169	100		
168	7.0	60.7	91.1#
167	62.3	32.8	49.2#

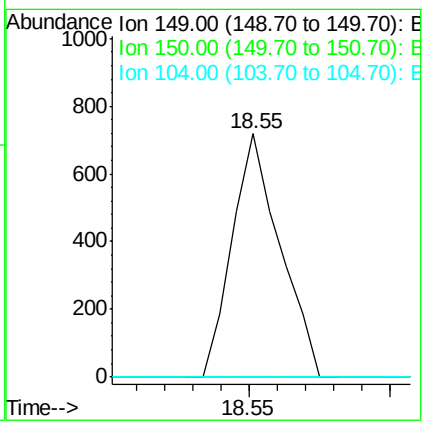


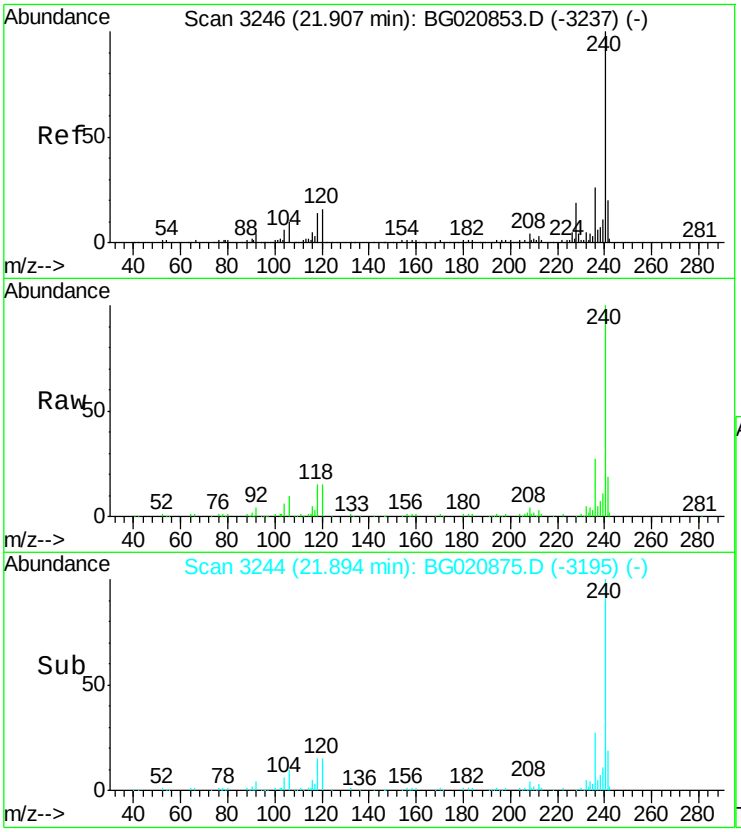


#73
Di-n-butylphthalate
Concen: 0.10 ng
RT: 18.55 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:149 Resp: 844

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.4	5.0#



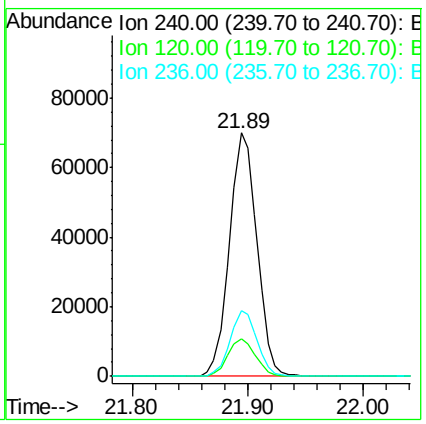


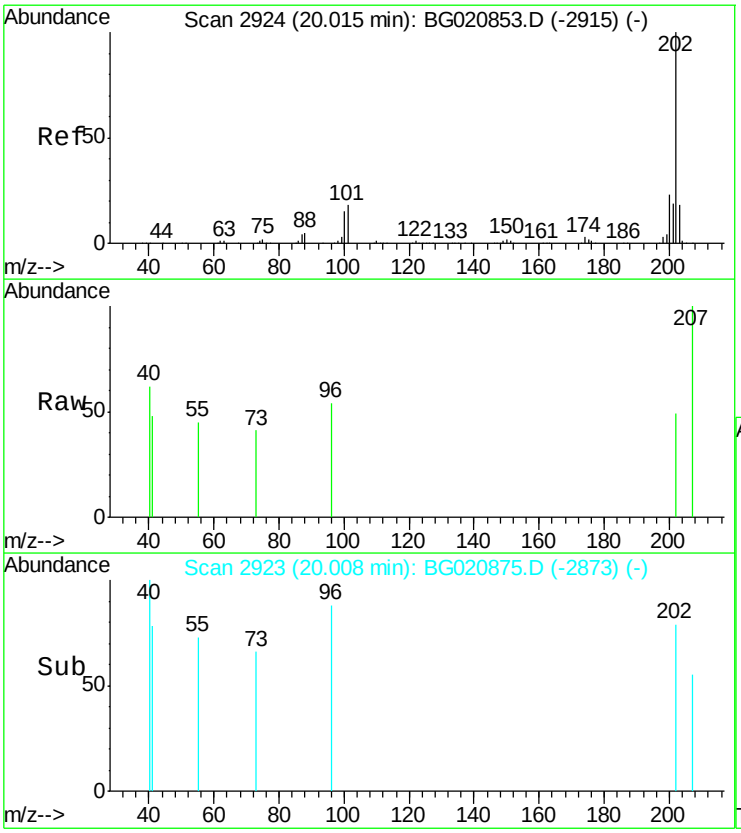
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:240 Resp: 115458

Ion	Ratio	Lower	Upper
240	100		
120	15.3	13.0	19.4
236	26.9	21.0	31.4

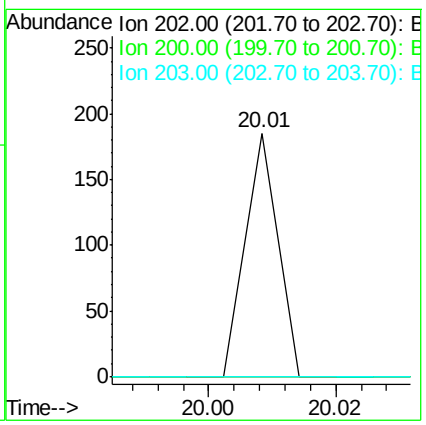


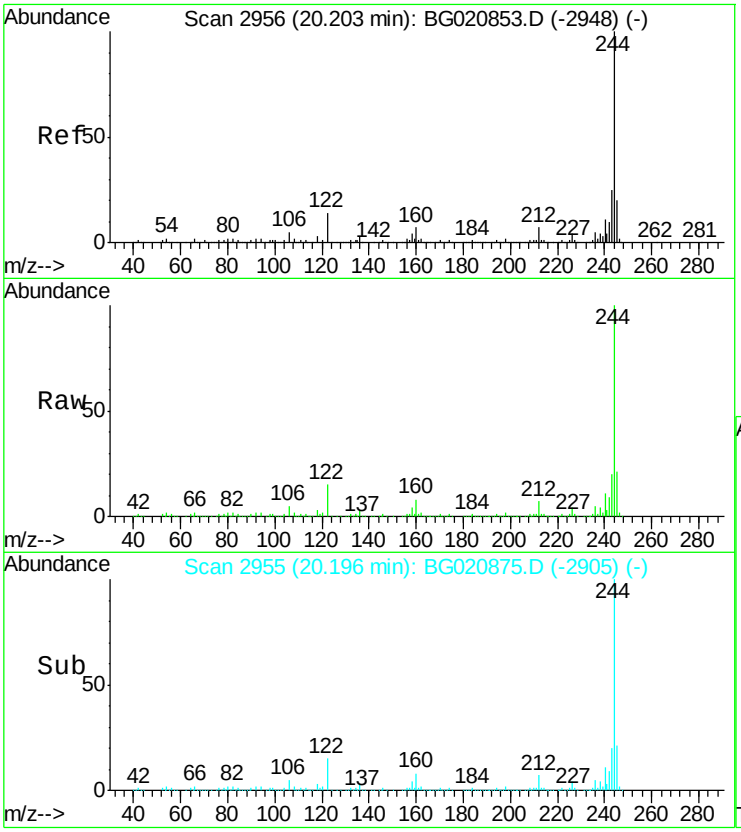


#77
Pyrene
Concen: 0.01 ng
RT: 20.01 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:202 Resp: 65

Ion	Ratio	Lower	Upper
202	100		
200	0.0	18.5	27.7#
203	0.0	14.3	21.5#



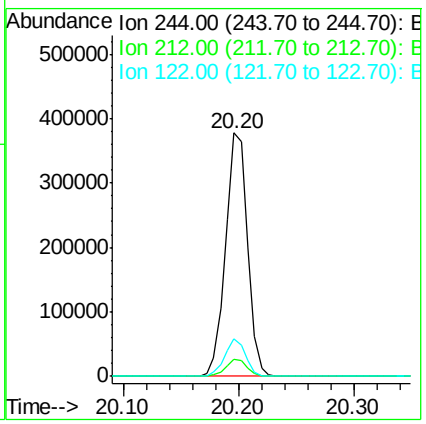


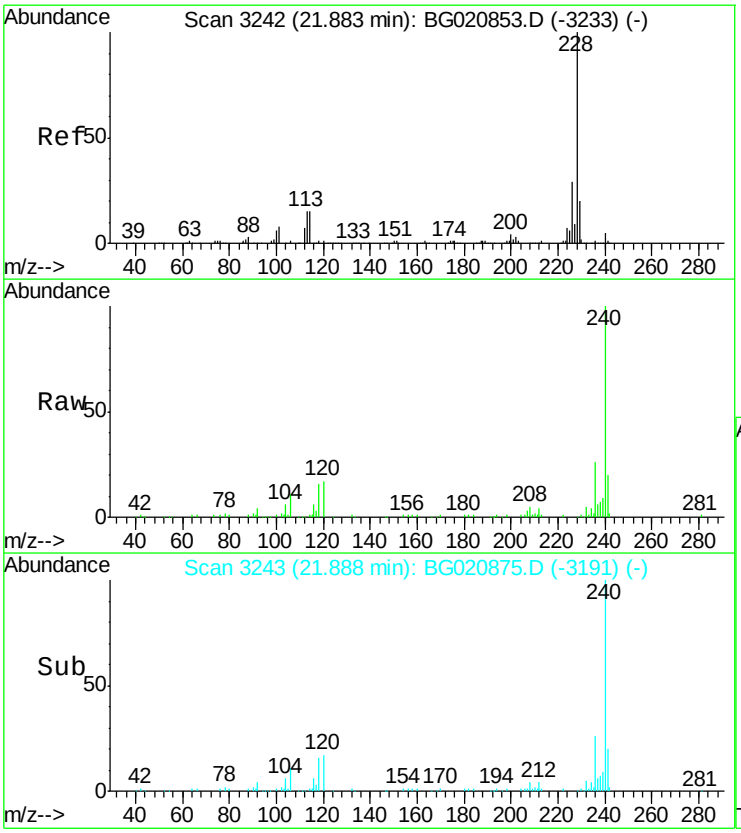
#78
Terphenyl-d14
Concen: 100.15 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:244 Resp: 495680

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	15.3	11.4	17.2

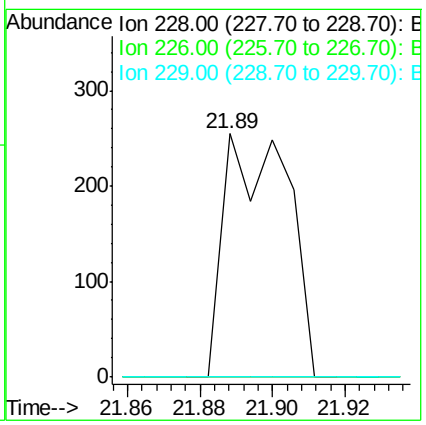


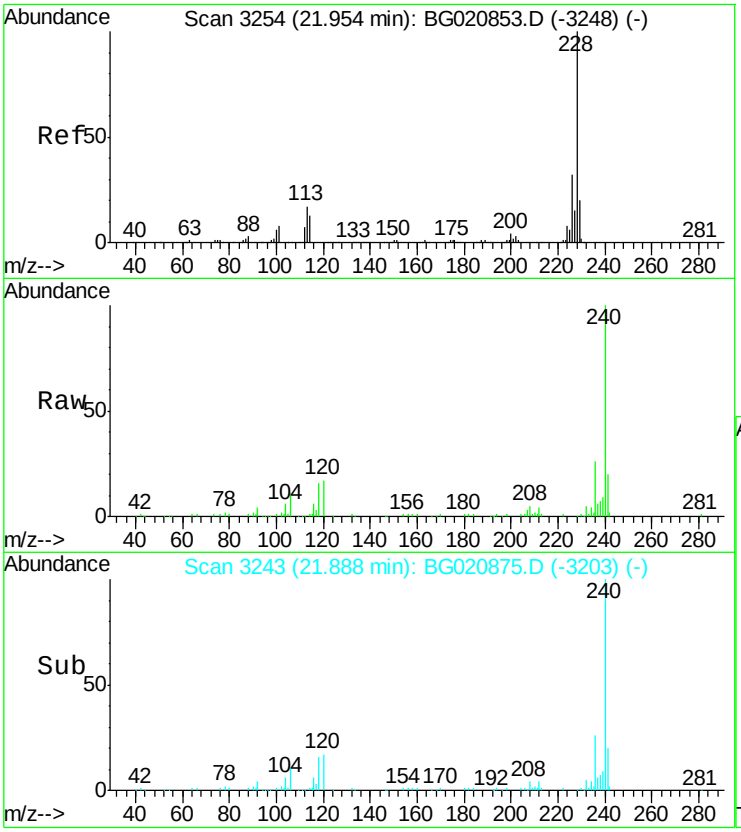


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:228 Resp: 312

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.1	34.7#
229	0.0	16.2	24.2#



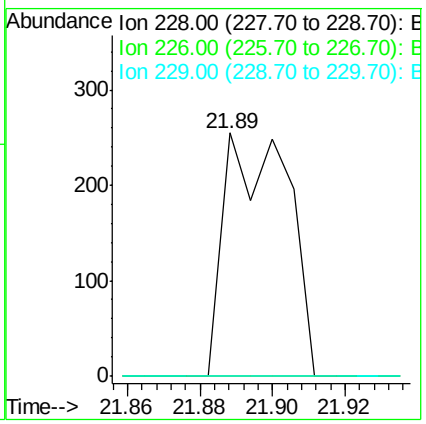


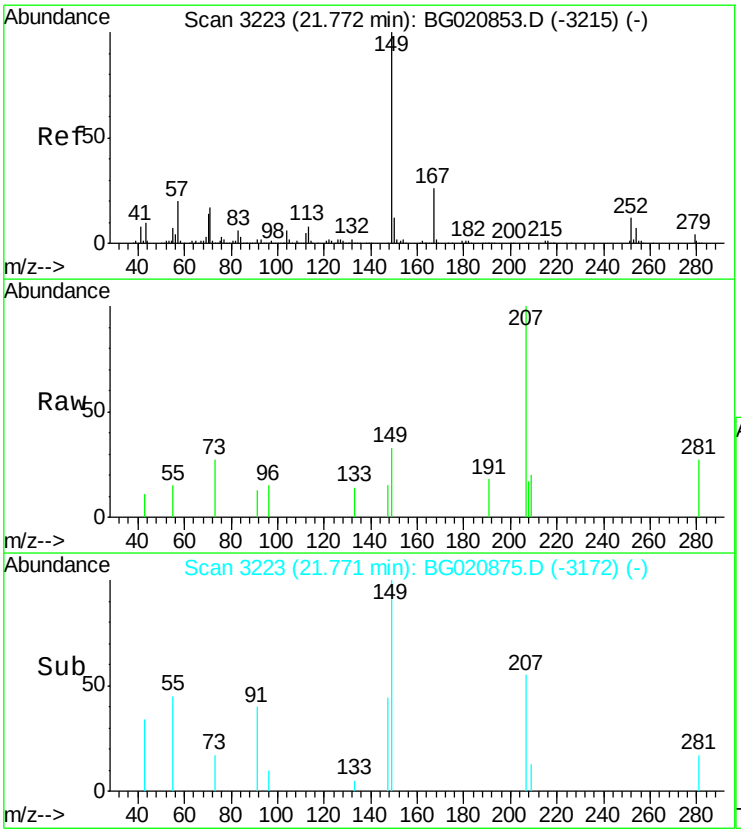
#82
Chrysene
Concen: 0.05 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.07 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:228 Resp: 312

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.3	37.9#
229	0.0	16.2	24.2#

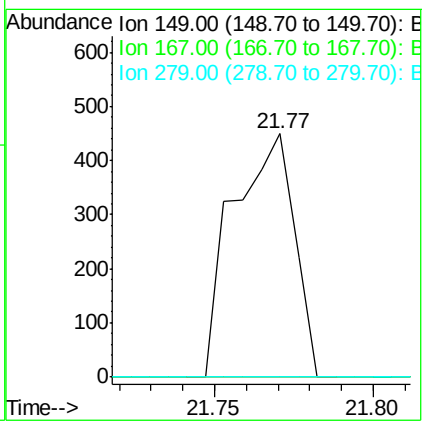


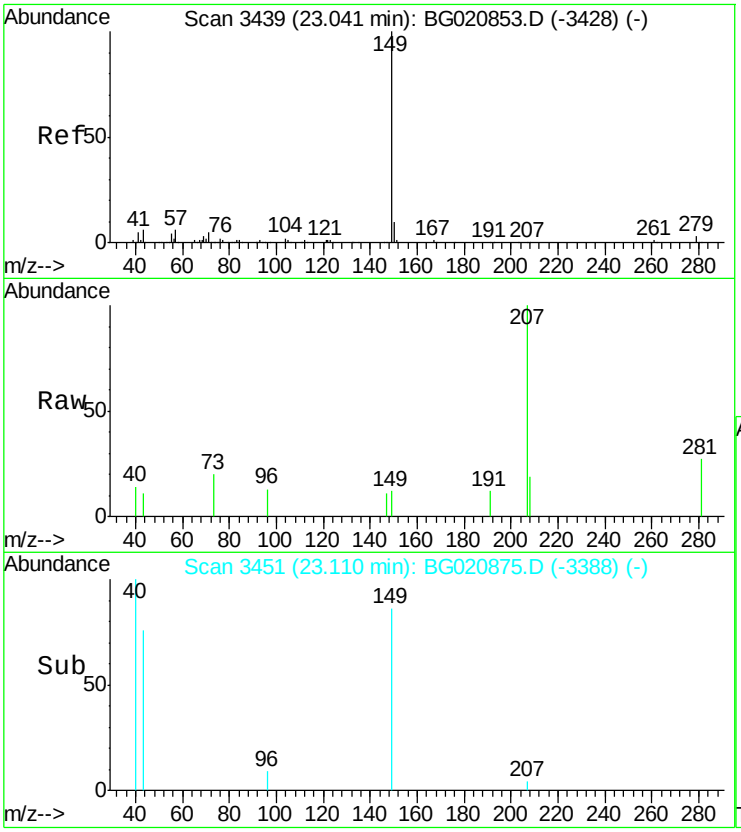


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:149 Resp: 601

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.9	31.3#
279	0.0	3.0	4.4#



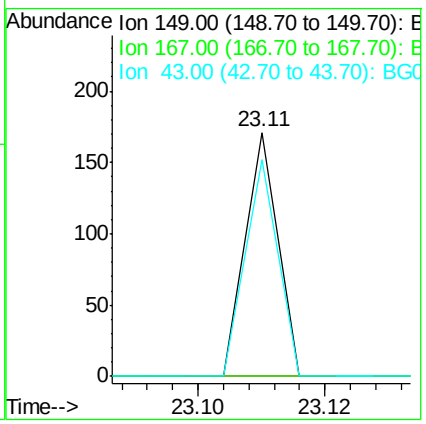


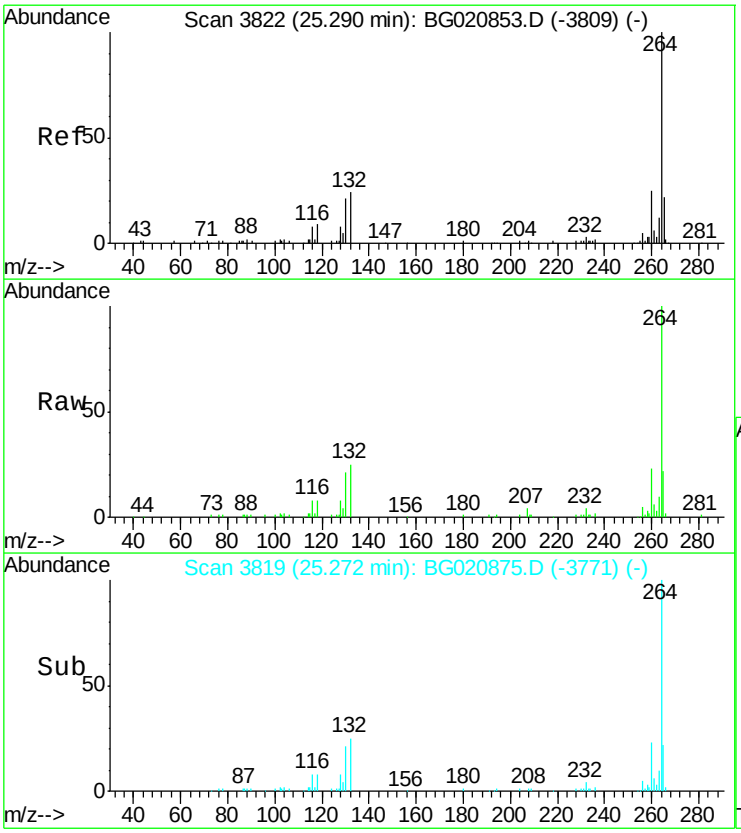
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.11 min Scan# 3451
Delta R.T. 0.07 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:149 Resp: 60

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	90.0	5.1	7.7#

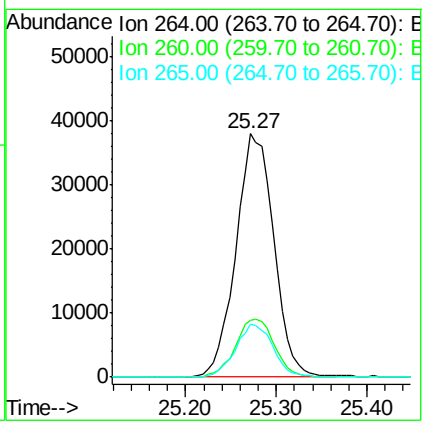


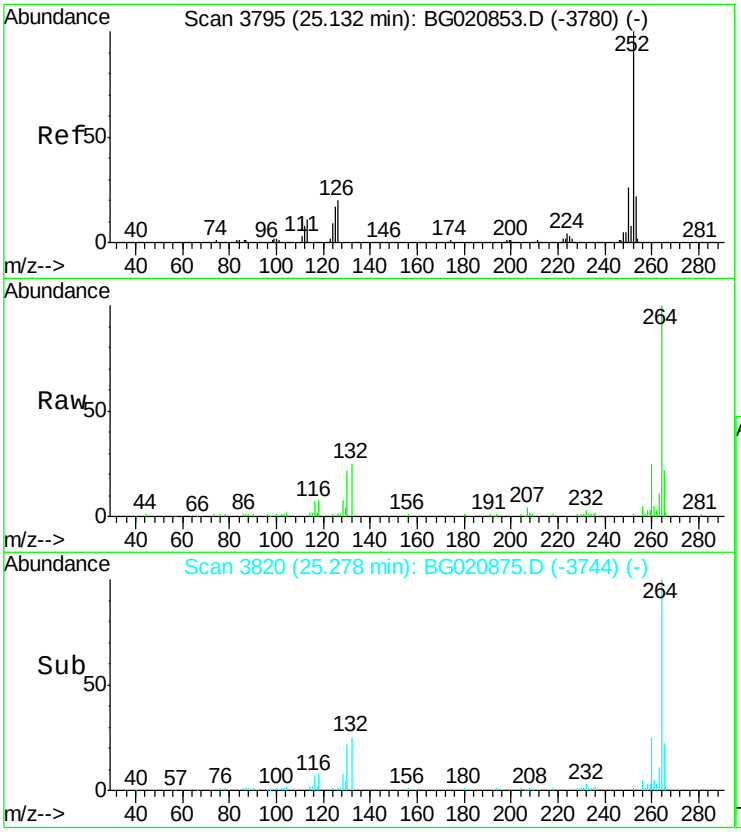


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Tgt Ion:264 Resp: 110359

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.9	29.9
265	21.7	18.0	27.0





#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 25.28 min Scan# 3820
Delta R.T. 0.15 min
Lab File: BG020875.D
Acq: 12 Feb 2016 3:17

Instrument :
BNA_G
ClientSampleId :
HW-27

Tgt Ion:252 Resp: 185

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	13.6	20.4#