Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
Data File : BG026406.D
Acq On : 23 Mar 2017 17:14
Operator : SJ/MA
Sample : I2364-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-10

Quant Time: Mar 24 01:33:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	144901	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	588627	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	348263	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	832576	20.00	ng		0.00
75) Chrysene-d12	21.63	240	978847	20.00	ng		-0.01
86) Perylene-d12	24.80	264	946958	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1096684	134.33	ng		0.00
7) Phenol-d6	7.21	99	1371561	125.14	ng		0.00
23) Nitrobenzene-d5	9.20	82	836338	85.43	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	682218	171.06	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2239390	90.17	ng		0.00
78) Terphenyl-d14	19.98	244	2907165	72.13	ng		0.00
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	10.02	122	17900	2.17	ng		84
31) Naphthalene	10.89	128	992119	33.34	ng		99
37) 2-Methylnaphthalene	12.49	142	132956	6.10	ng	#	90
48) Acenaphthylene	14.38	152	162959	4.44	ng		99
57) Fluorene	15.69	166	65170	2.30	ng		93
70) Phenanthrene	17.42	178	134114	3.00	ng	#	92
72) Carbazole	17.78	167	94071	2.00	ng	#	94

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

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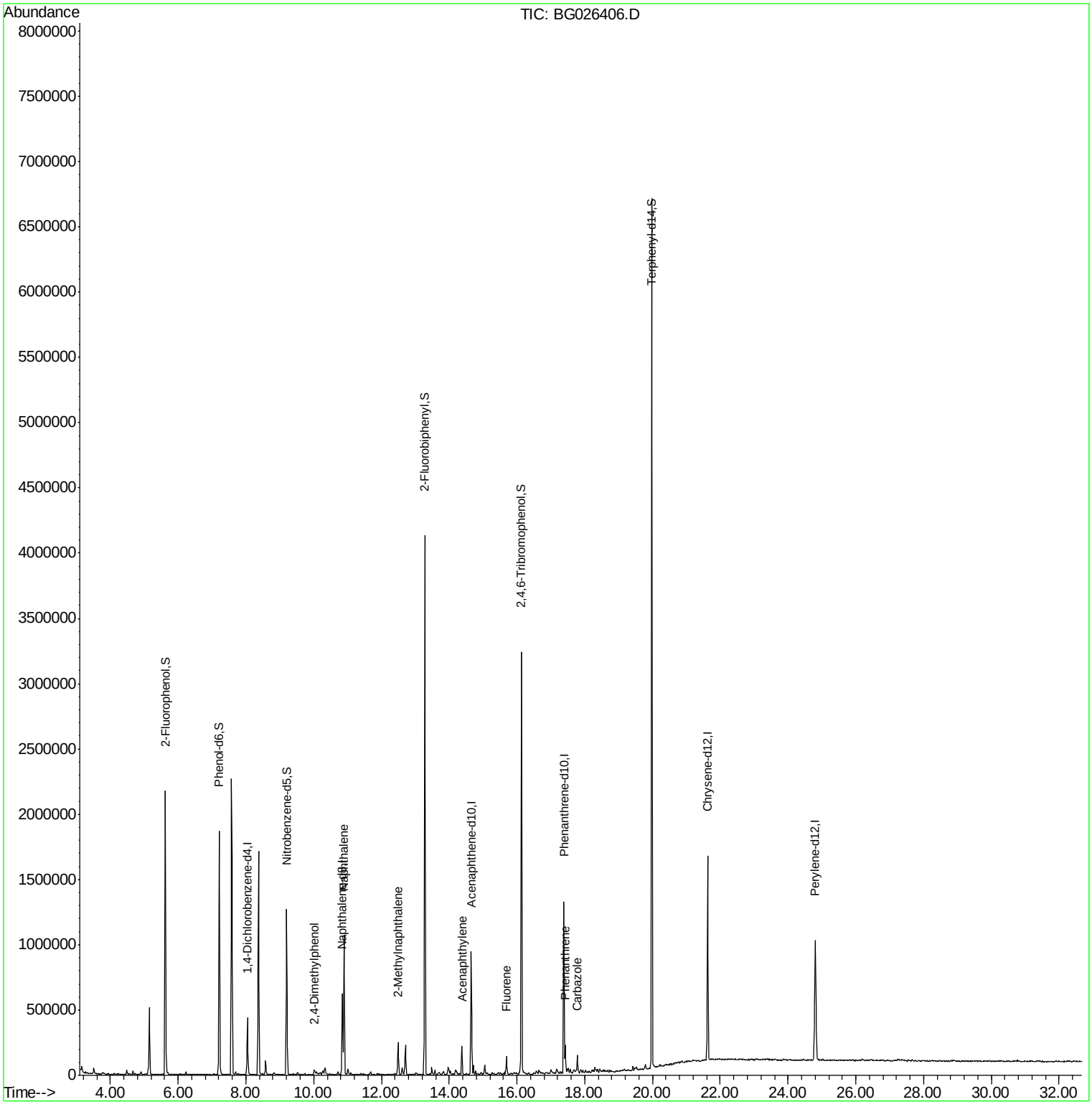
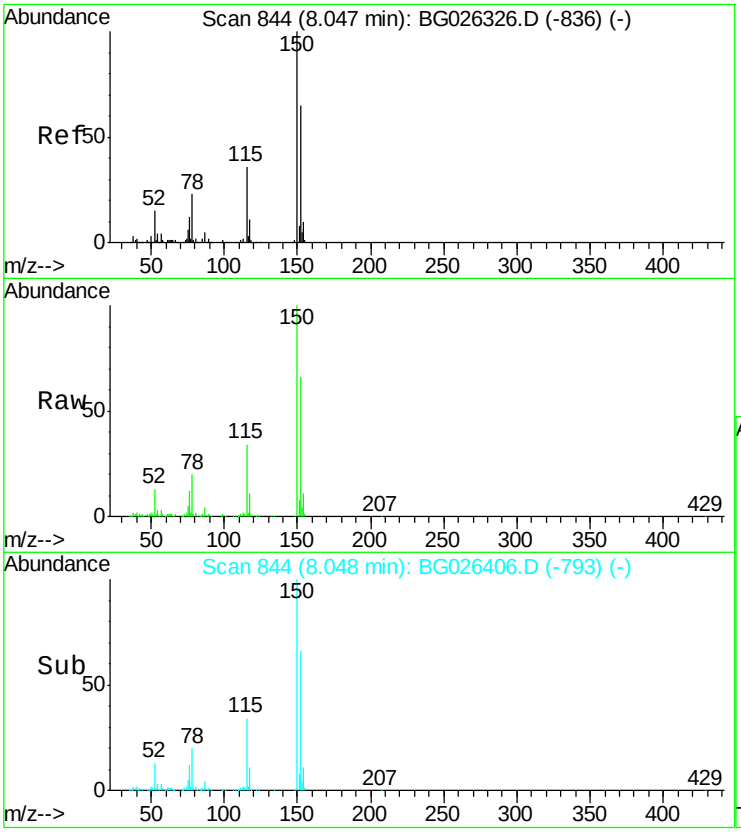


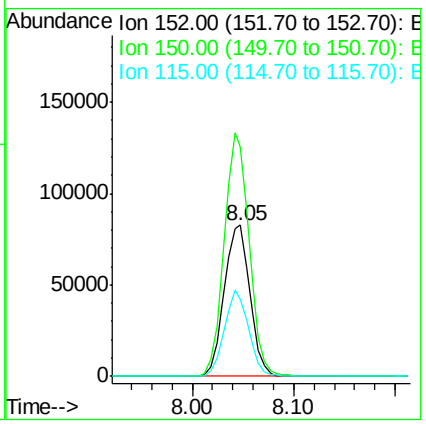


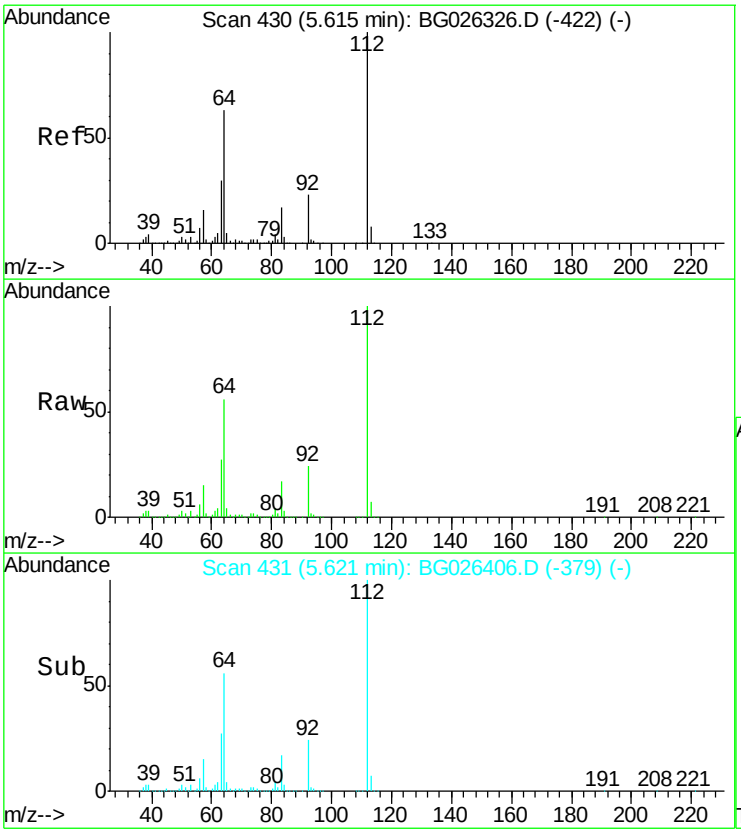
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:152 Resp: 144901

Ion	Ratio	Lower	Upper
152	100		
150	152.2	114.0	171.0
115	51.2	48.1	72.1

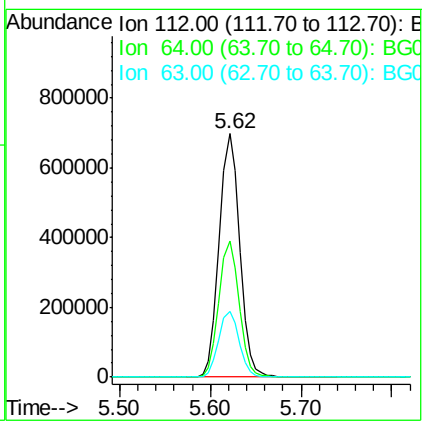


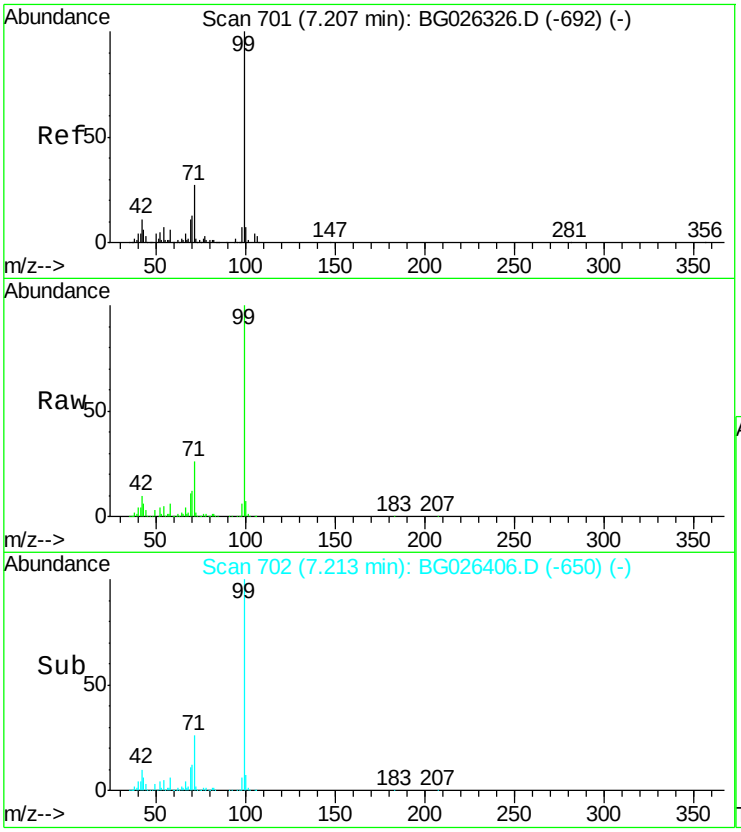


#5
2-Fluorophenol
Concen: 134.33 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:112 Resp: 1096684

Ion	Ratio	Lower	Upper
112	100		
64	55.9	61.8	92.6#
63	27.0	37.2	55.8#



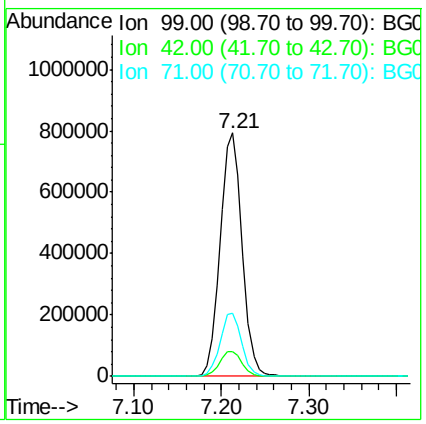


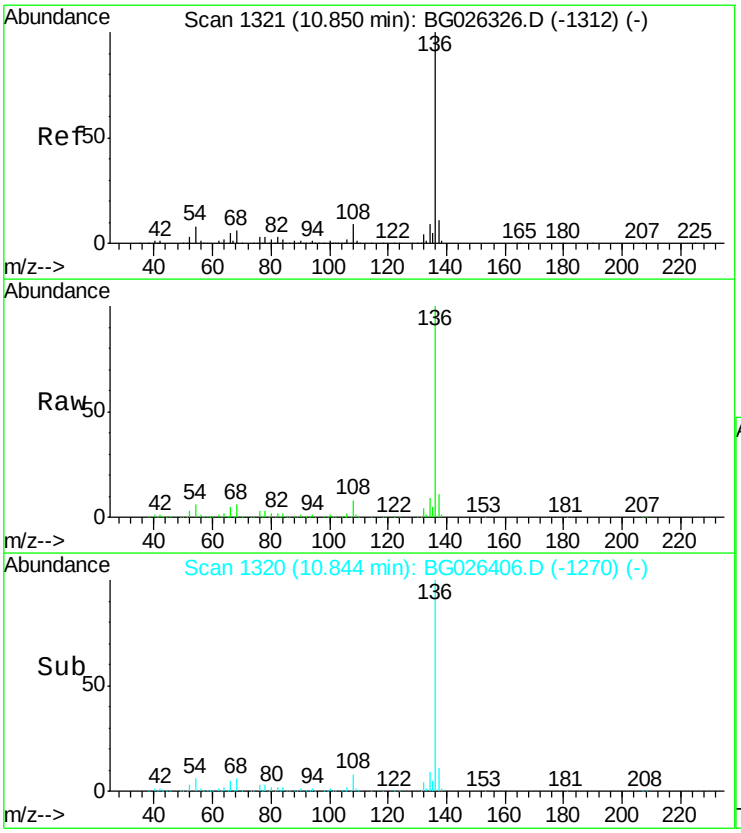
#7
Phenol-d6
Concen: 125.14 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion: 99 Resp: 1371561

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	26.1	37.6	56.4#

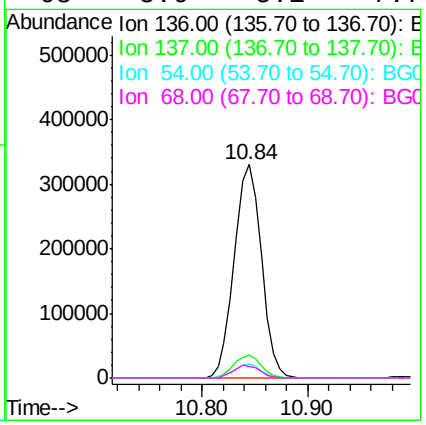


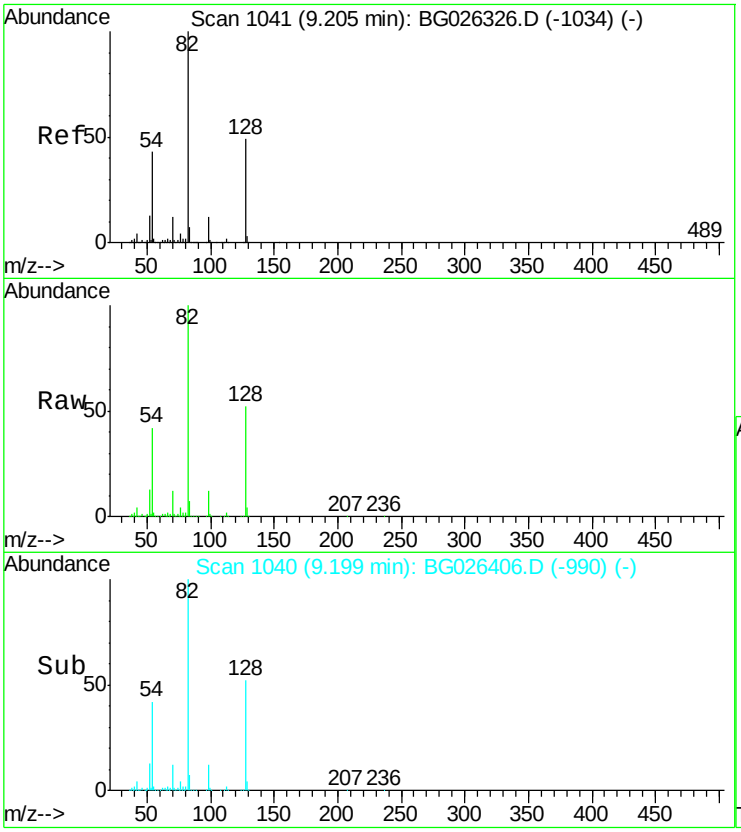


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:136 Resp: 588627

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	9.3	13.9#
68	5.6	5.1	7.7



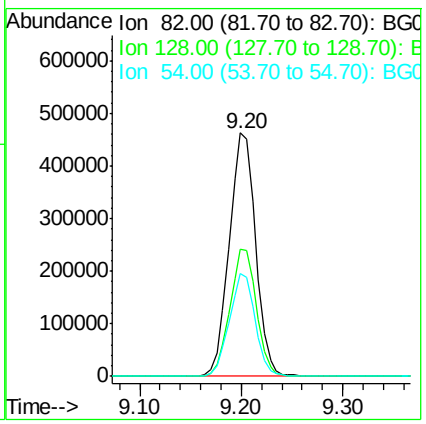


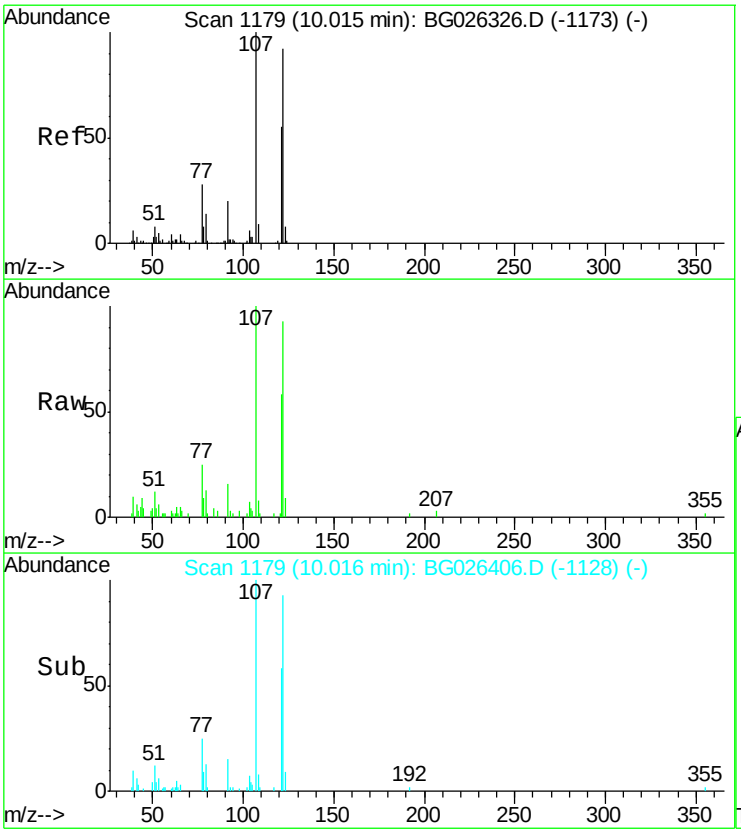
#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion: 82 Resp: 836338

Ion	Ratio	Lower	Upper
82	100		
128	52.4	26.4	39.6#
54	42.2	49.4	74.2#

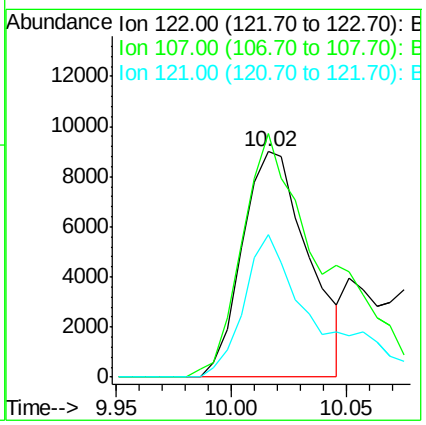


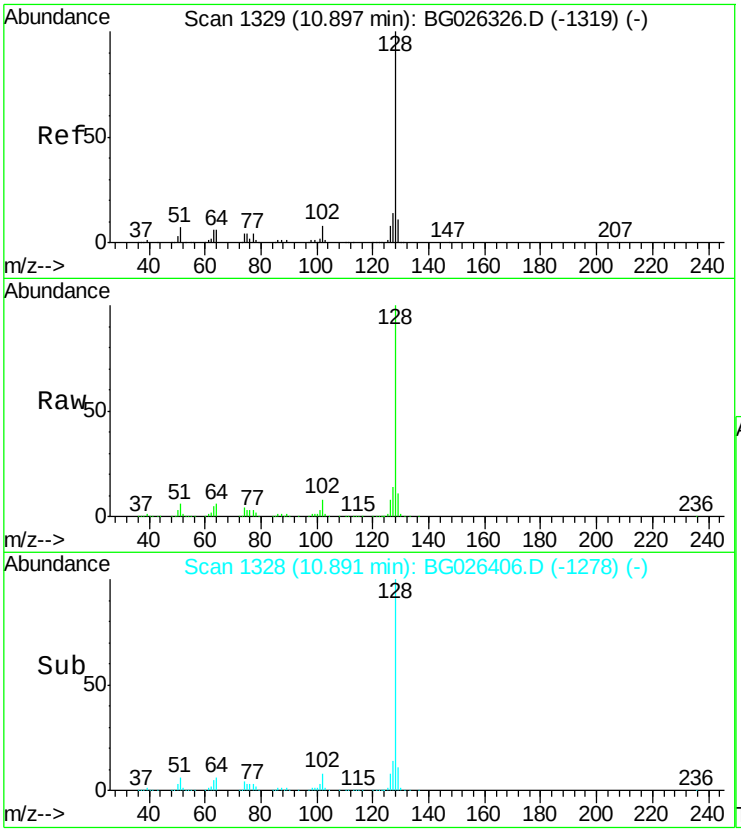


#27
2,4-Dimethylphenol
Concen: 2.17 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:122 Resp: 17900

Ion	Ratio	Lower	Upper
122	100		
107	108.0	104.2	156.4
121	63.0	46.0	69.0



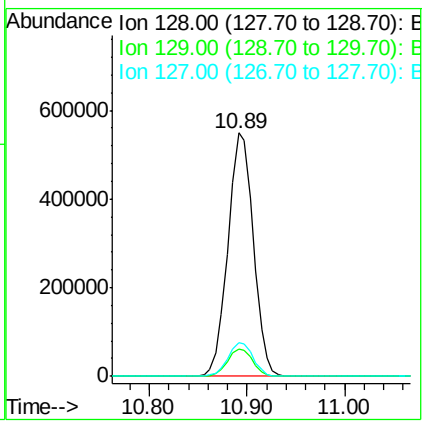


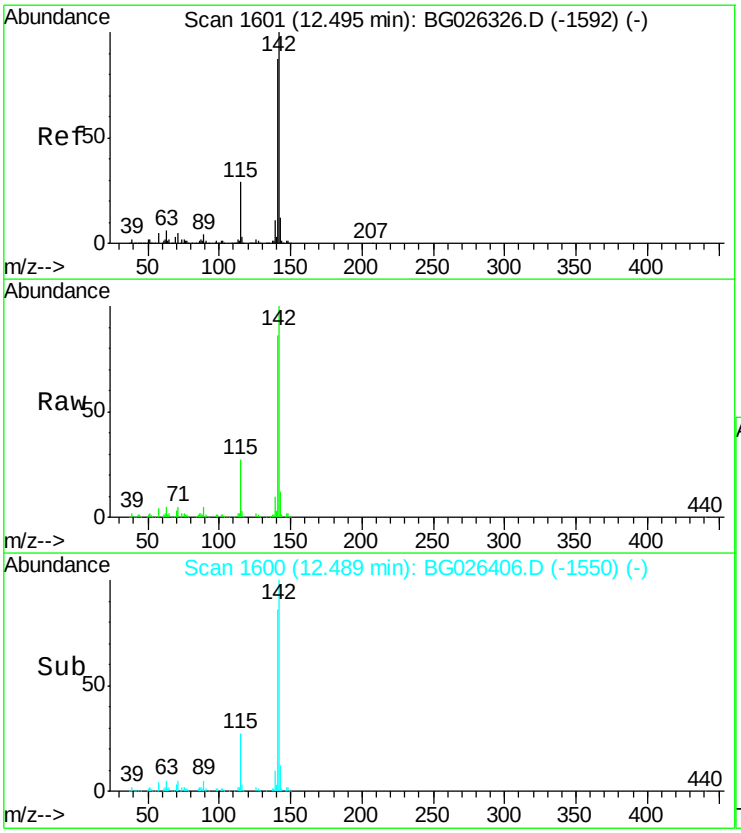
#31
Naphthalene
Concen: 33.34 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:128 Resp: 992119

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.8	11.4	17.0

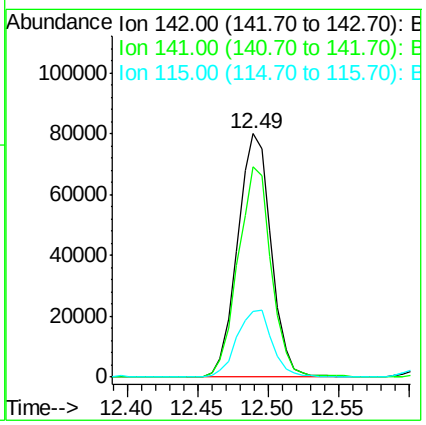


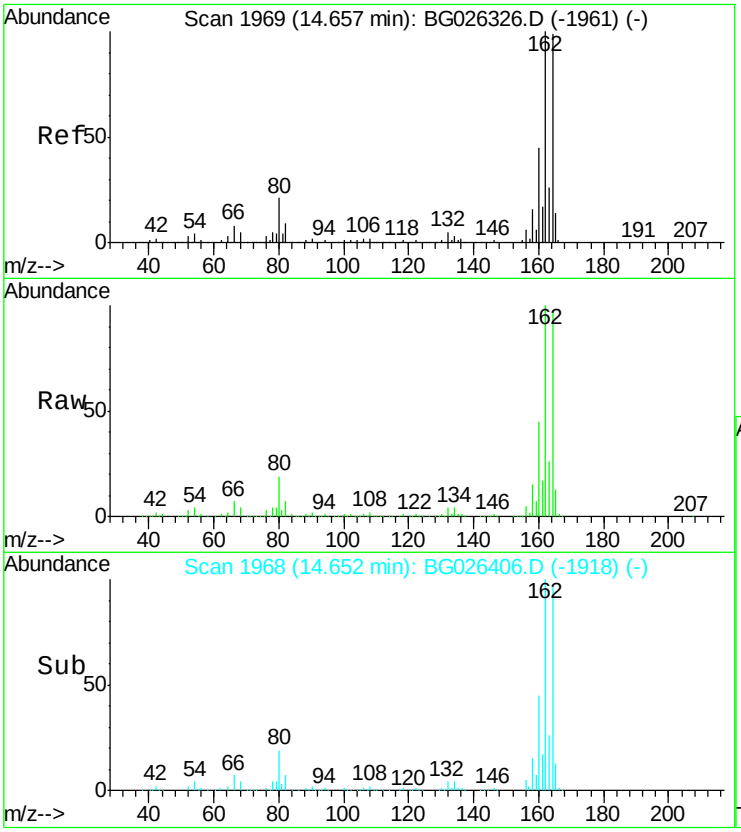


#37
2-Methylnaphthalene
Concen: 6.10 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:142 Resp: 132956

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.4	105.6
115	26.8	35.5	53.3#



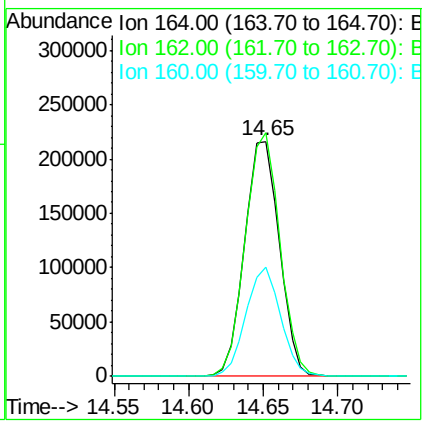


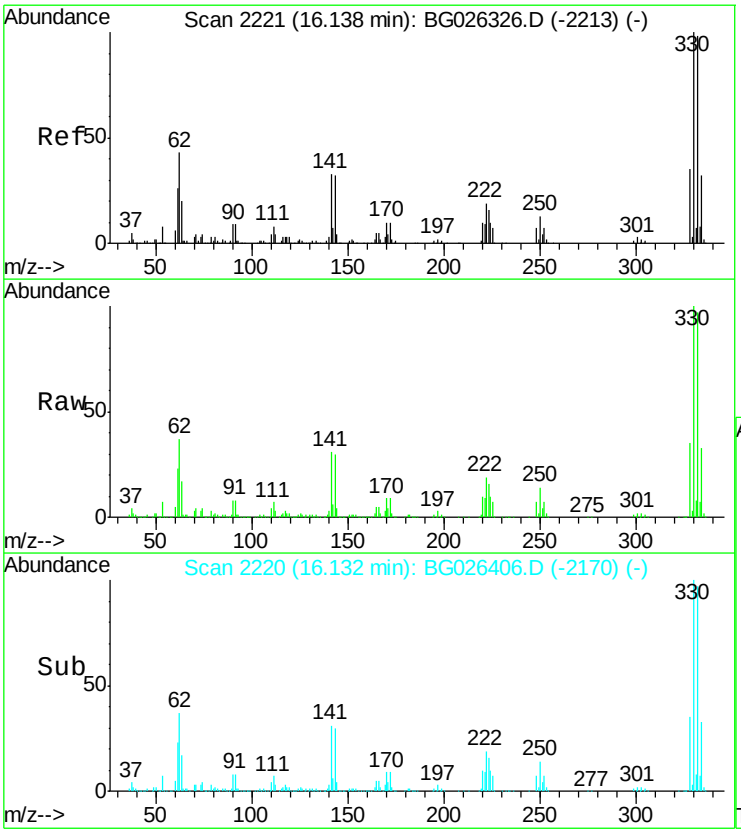
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:164 Resp: 348263

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.2	34.7	52.1

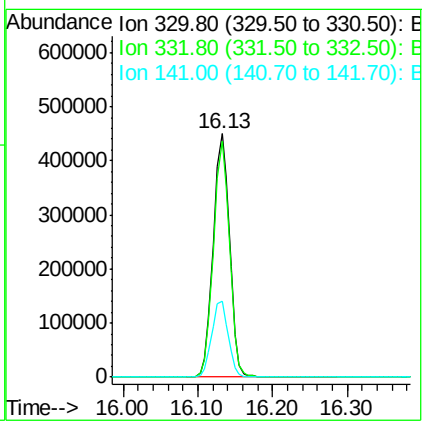


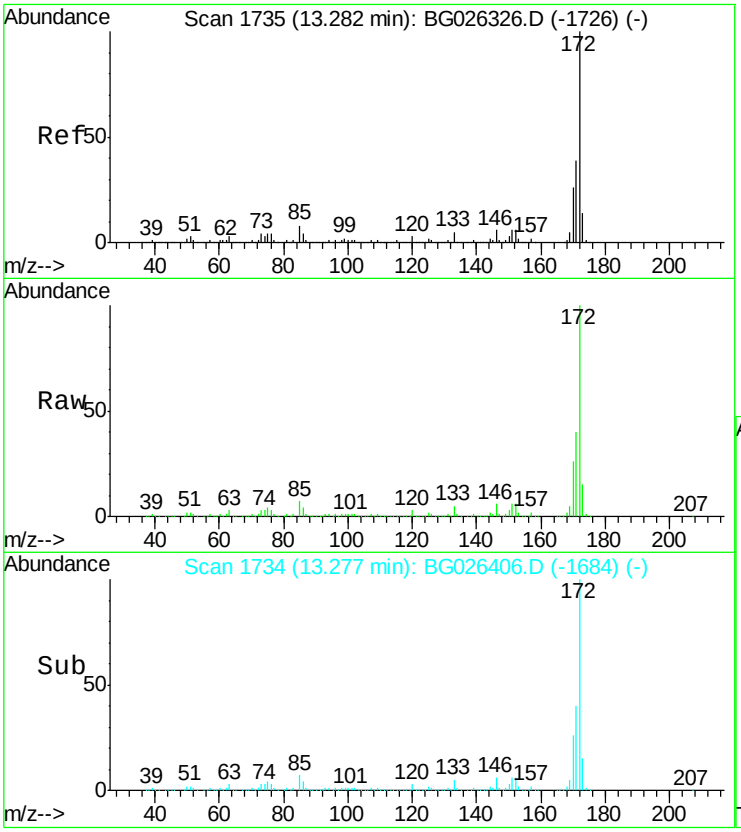


#41
2,4,6-Tribromophenol
Concen: 171.06 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:330 Resp: 682218

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	31.2	32.1	48.1#



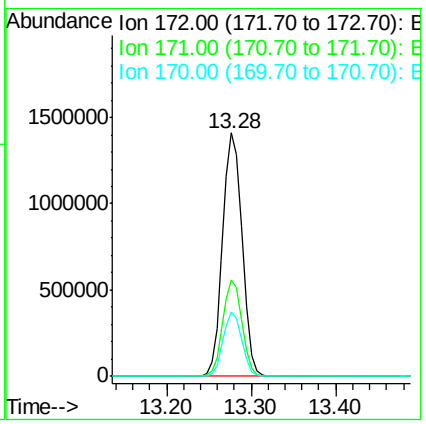


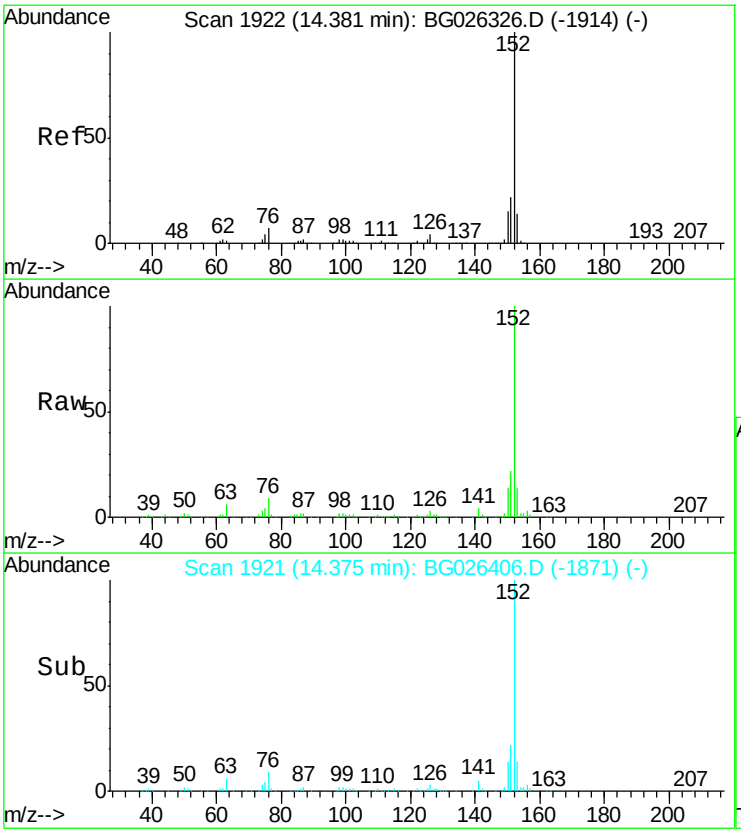
#44
2-Fluorobiphenyl
Concen: 90.17 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:172 Resp: 2239390

Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.2	48.2
170	26.3	21.8	32.6

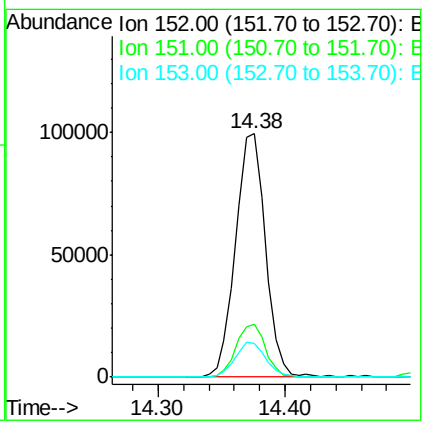


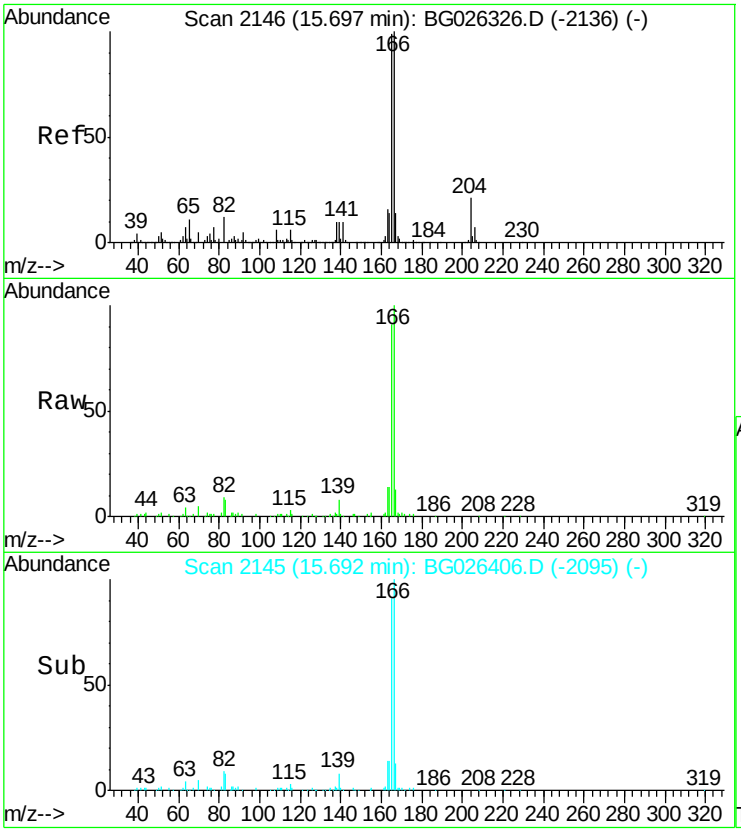


#48
Acenaphthylene
Concen: 4.44 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:152 Resp: 162959

Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	14.0	11.3	16.9



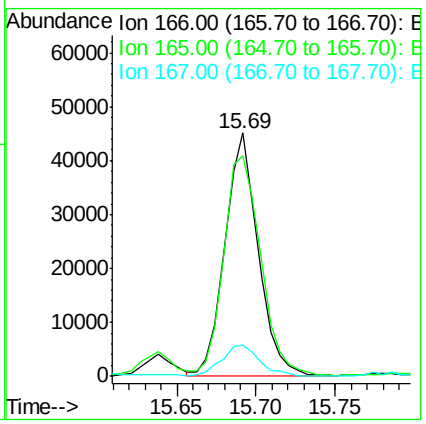


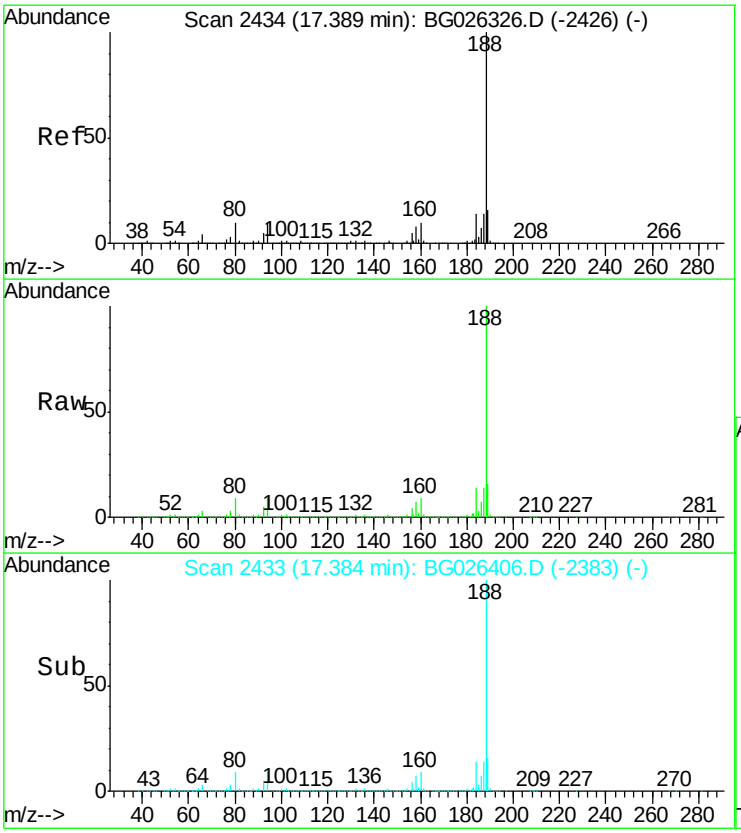
#57
Fluorene
Concen: 2.30 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:166 Resp: 65170

Ion	Ratio	Lower	Upper
166	100		
165	90.8	78.6	117.8
167	13.0	11.6	17.4

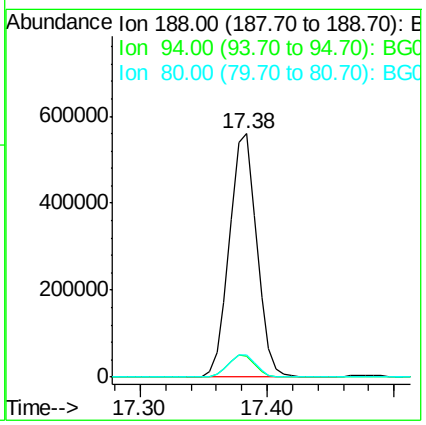


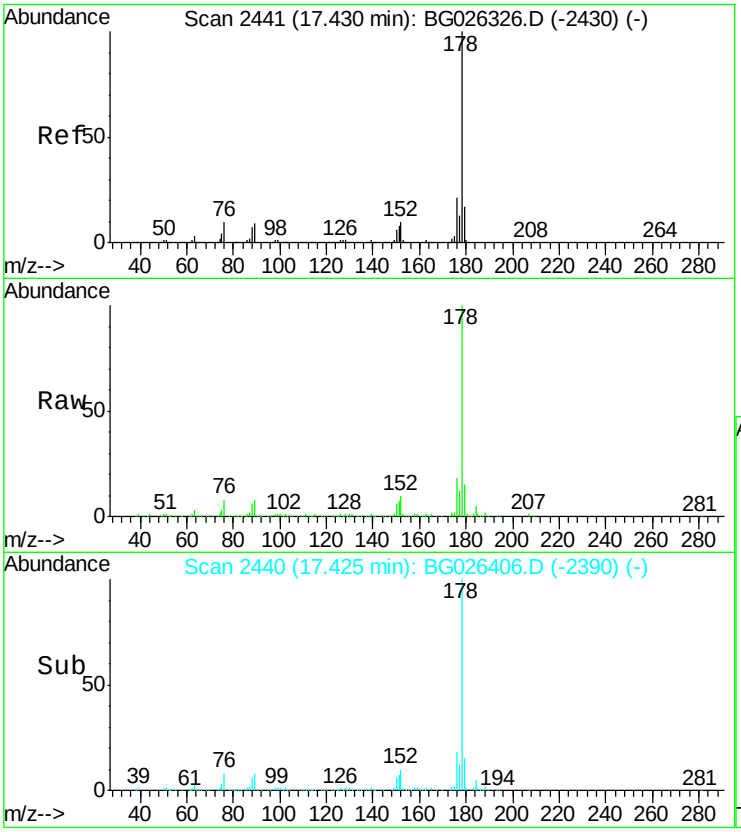


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:188 Resp: 832576

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.8#
80	9.1	7.5	11.3



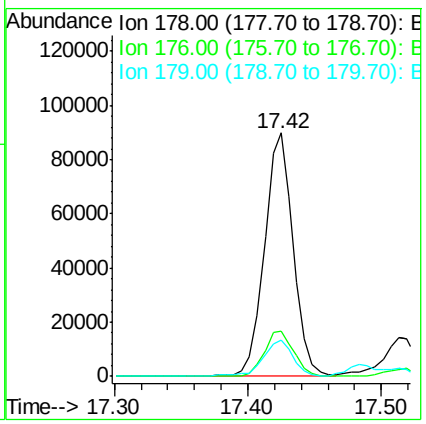


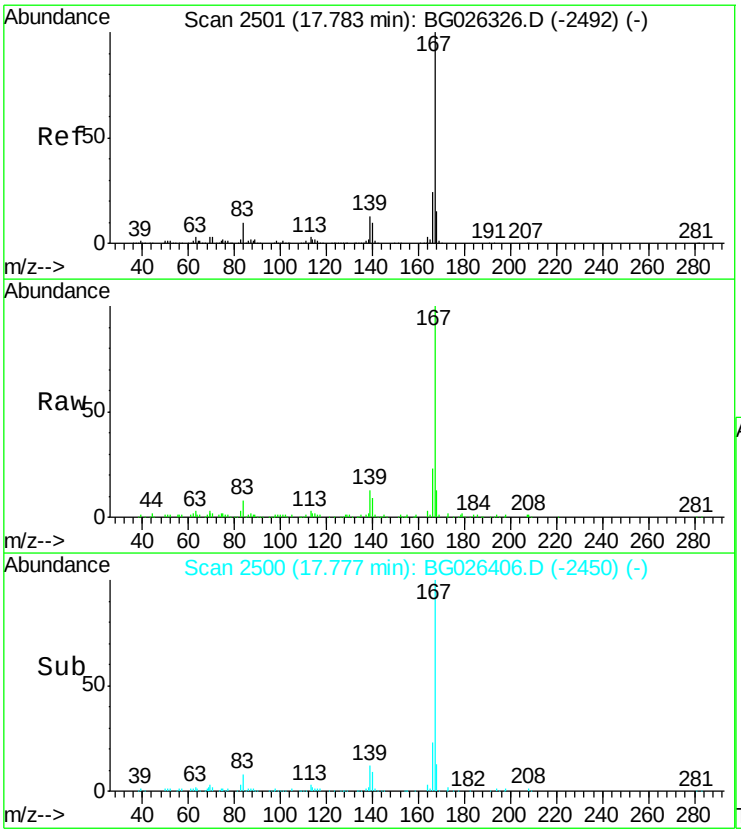
#70
Phenanthrene
Concen: 3.00 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:178 Resp: 134114

Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.7	26.5
179	15.0	15.0	22.6#

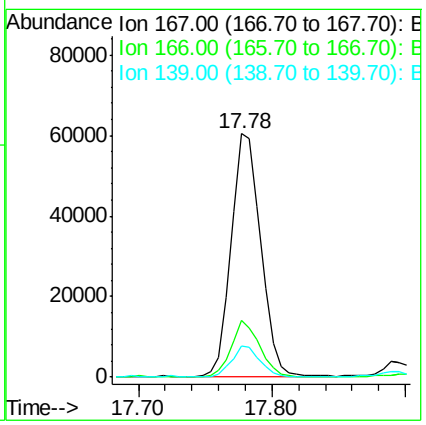


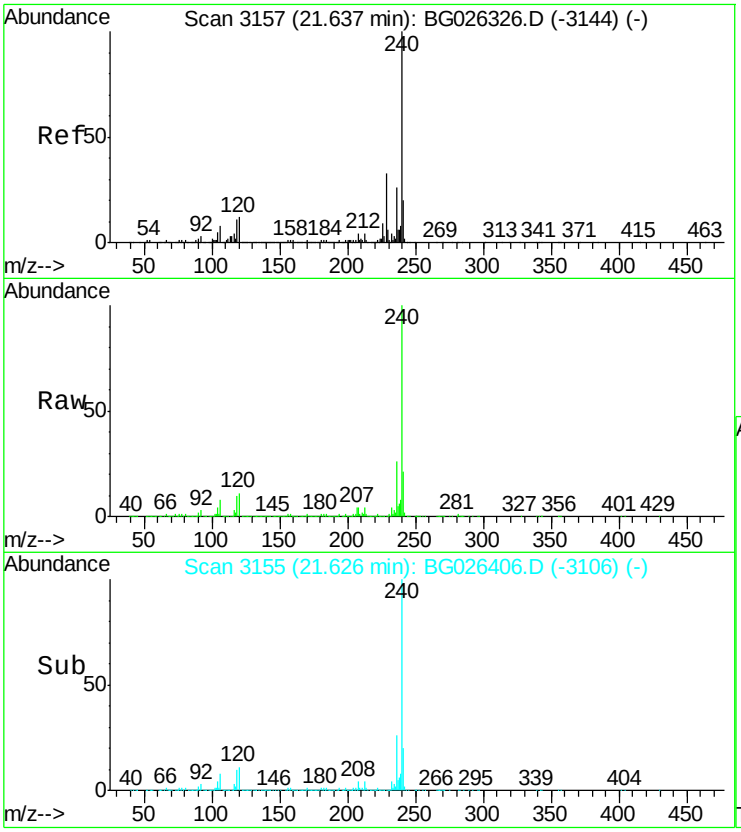


#72
Carbazole
Concen: 2.00 ng
RT: 17.78 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:167 Resp: 94071

Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	12.5	12.8	19.2#



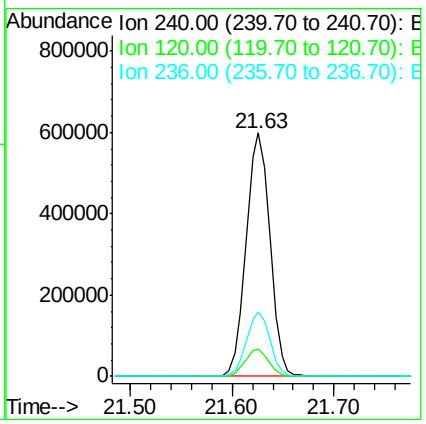


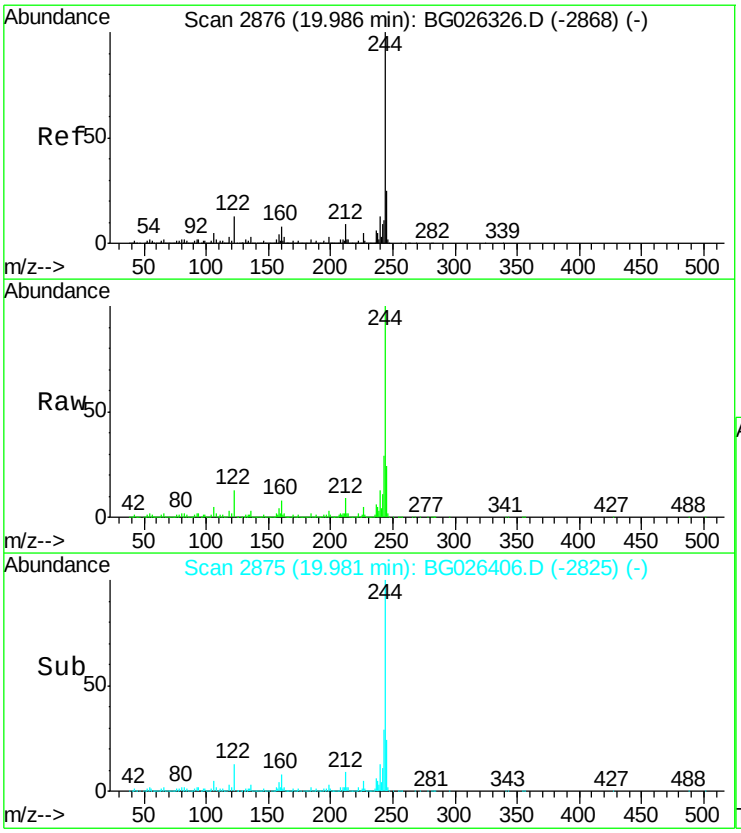
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:240 Resp: 978847

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.7	8.5#
236	26.4	22.2	33.4

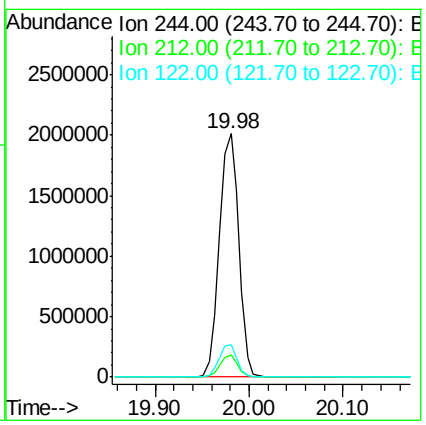


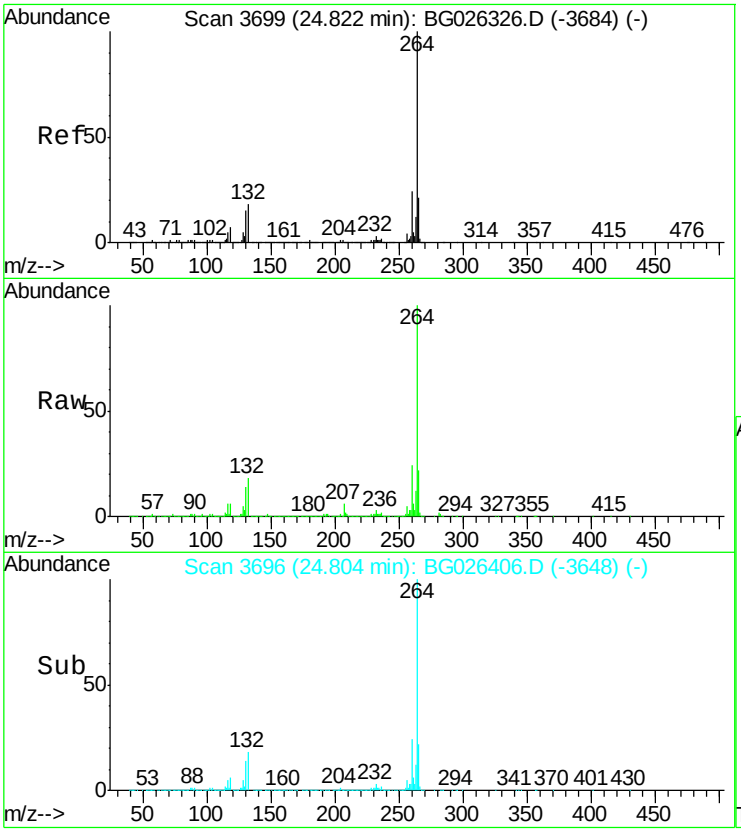


#78
Terphenyl-d14
Concen: 72.13 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Tgt Ion:244 Resp: 2907165

Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.3	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026406.D
Acq: 23 Mar 2017 17:14

Instrument :
BNA_G
ClientSampleId :
WC-COMP-10

Tgt Ion:264 Resp: 946958

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.1	18.2	27.4