Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031726.D
Acq On : 23 Dec 2017 00:25
Operator : SJ/JU
Sample : I7004-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-1-121817

Quant Time: Dec 26 13:41:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	51698	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	210862	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	144607	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	357504	20.00	ng	0.00
75) Chrysene-d12	22.55	240	427964	20.00	ng	-0.02
86) Perylene-d12	26.34	264	463177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	180771	63.69	ng	0.00
7) Phenol-d6	7.92	99	146938	39.87	ng	0.00
23) Nitrobenzene-d5	10.03	82	299180	107.14	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	358114	162.30	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1076813	93.46	ng	0.00
78) Terphenyl-d14	20.73	244	1849685	98.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.94	94	8041	2.161	ng	# 5
20) 3+4-Methylphenols	9.58	107	8542	2.258	ng	96
27) 2,4-Dimethylphenol	10.86	122	7536	2.373	ng	96
31) Naphthalene	11.77	128	1030501	96.836	ng	98
37) 2-Methylnaphthalene	13.33	142	543261	62.973	ng	91
45) 1,1'-Biphenyl	14.30	154	58223	4.714	ng	93

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

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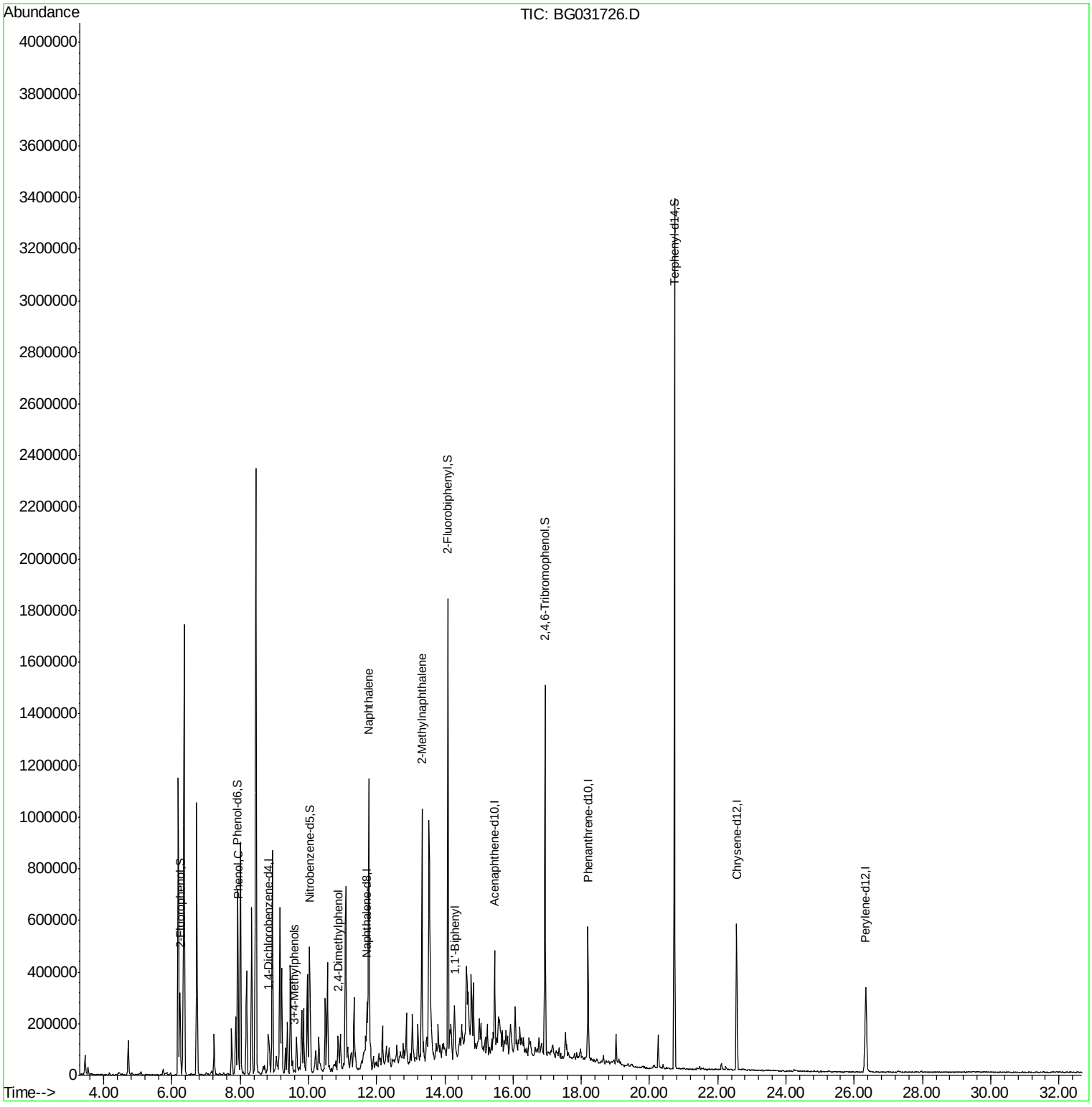
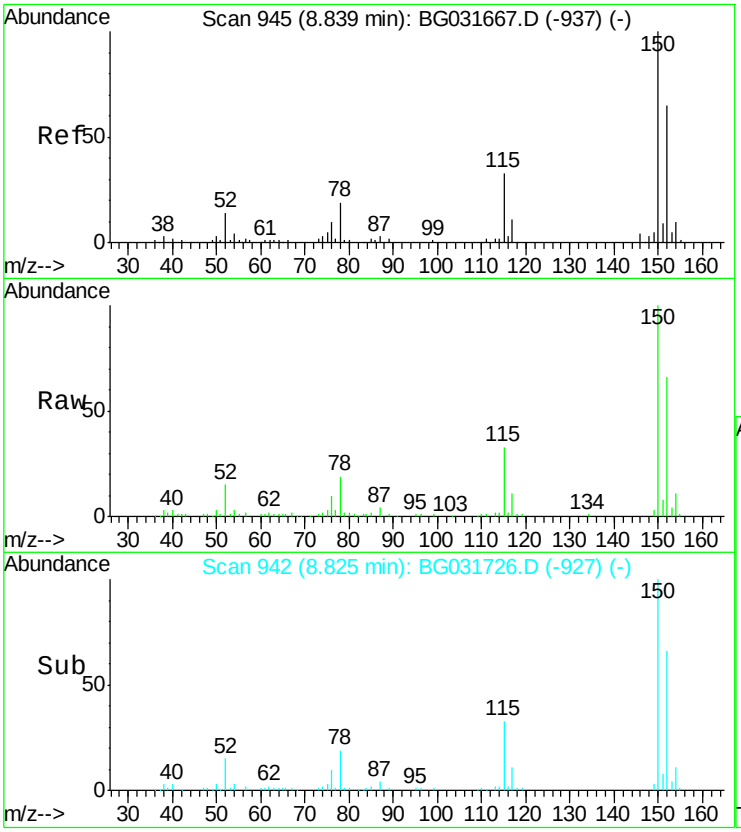


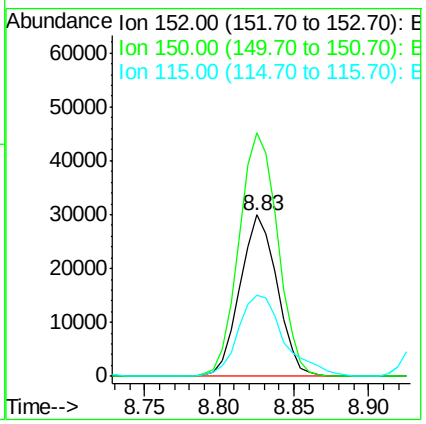


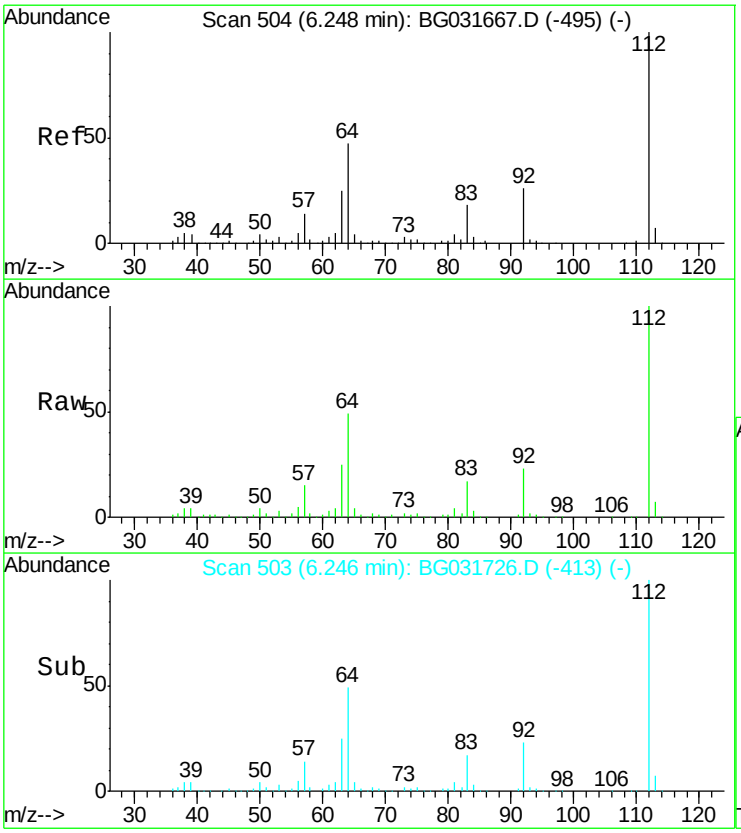
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:152 Resp: 51698

Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.6	189.8
115	50.0	53.0	79.4#

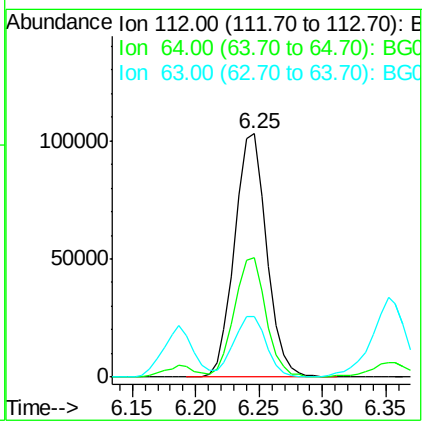


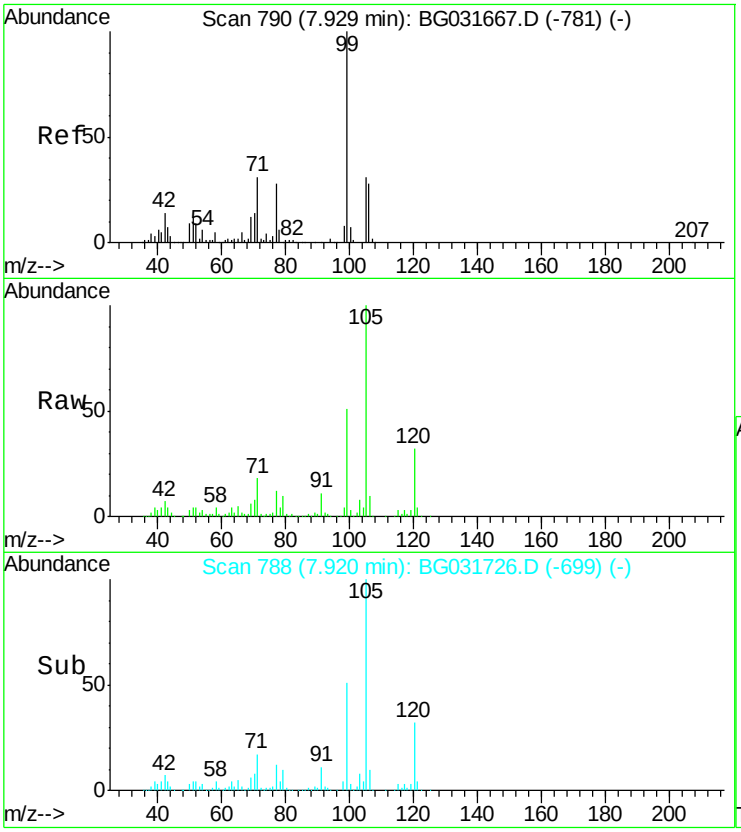


#5
2-Fluorophenol
Concen: 63.688 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:112 Resp: 180771

Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	24.8	30.1	45.1#



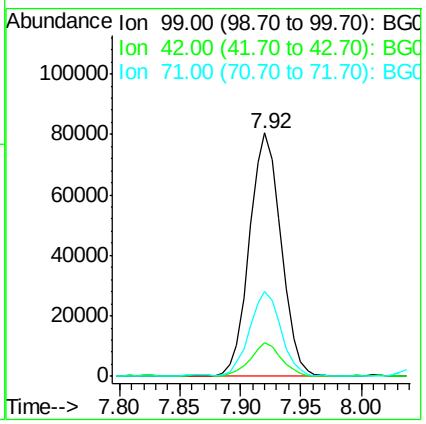


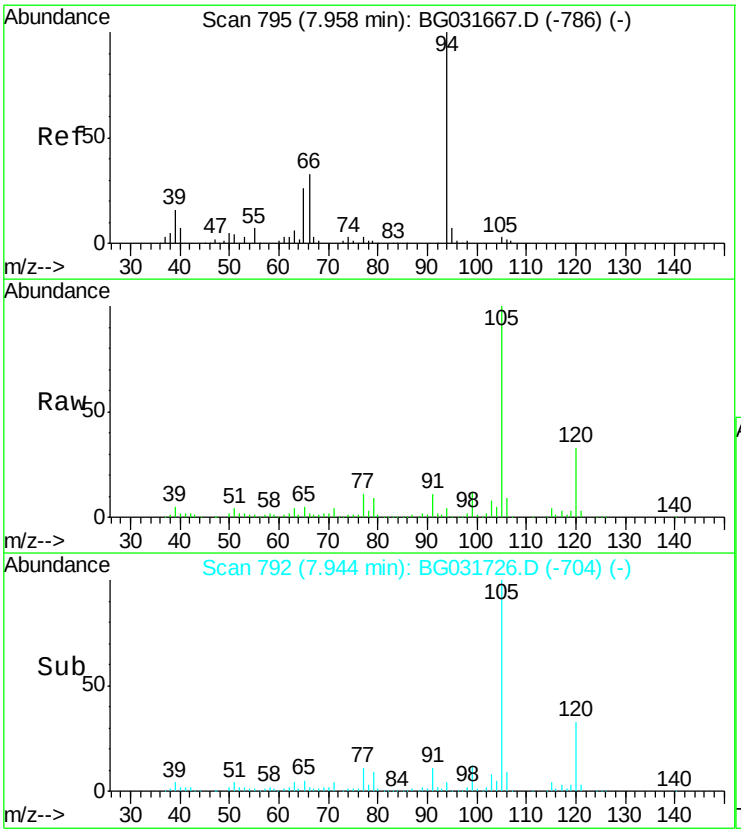
#7
Phenol-d6
Concen: 39.873 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion: 99 Resp: 146938

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1#
71	34.6	26.1	39.1

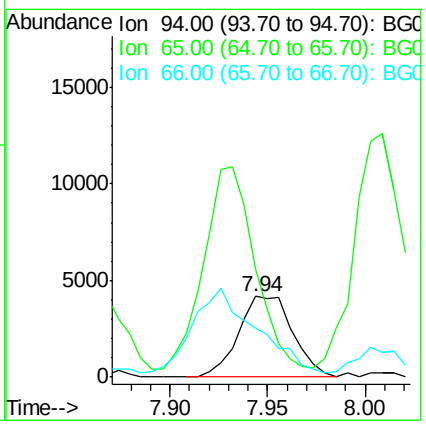


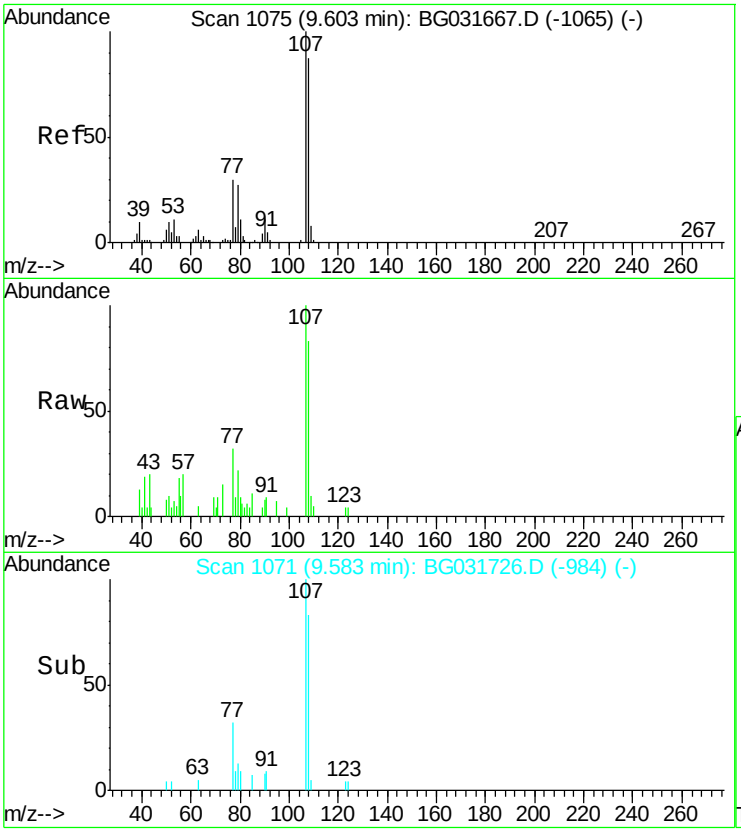


#10
Phenol
Concen: 2.161 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion: 94 Resp: 8041

Ion	Ratio	Lower	Upper
94	100		
65	133.9	11.9	51.9#
66	60.6	22.2	62.2



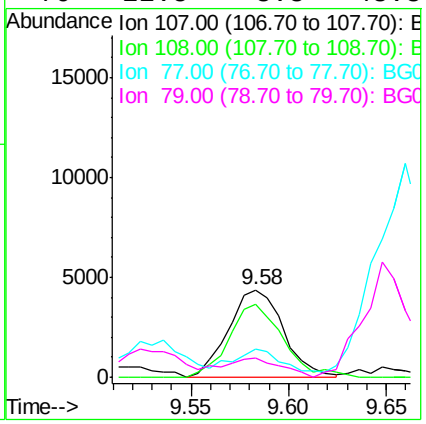


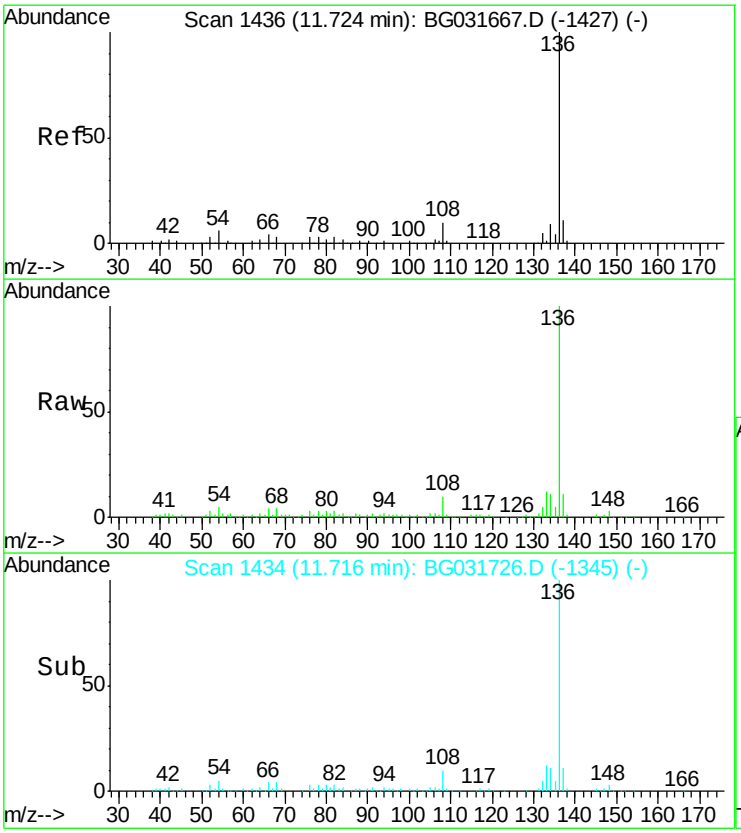
#20
3+4-Methylphenols
Concen: 2.258 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:107 Resp: 8542

Ion	Ratio	Lower	Upper
107	100		
108	83.3	61.6	101.6
77	31.7	13.9	53.9
79	22.5	8.8	48.8

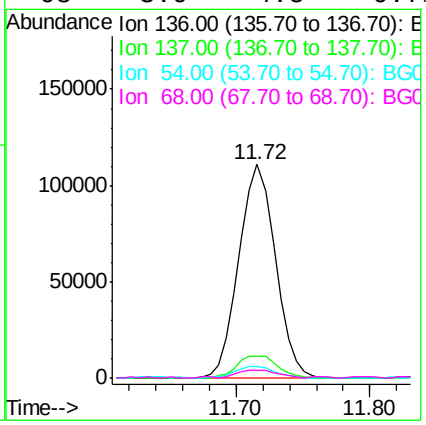


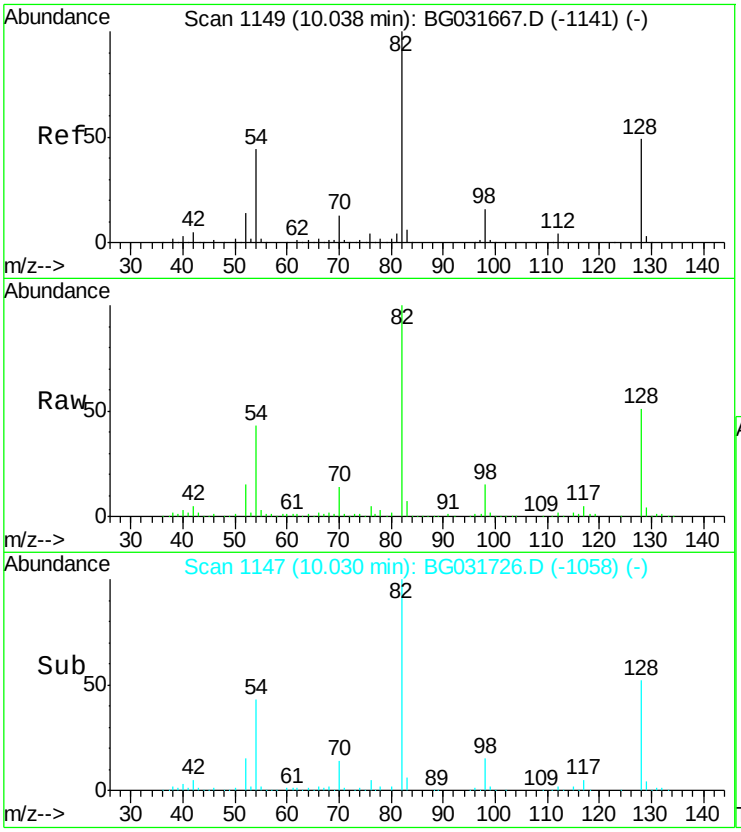


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:136 Resp: 210862

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.3	10.3	15.5#
68	3.9	4.5	6.7#



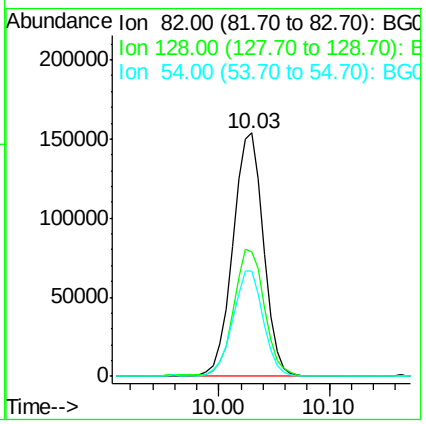


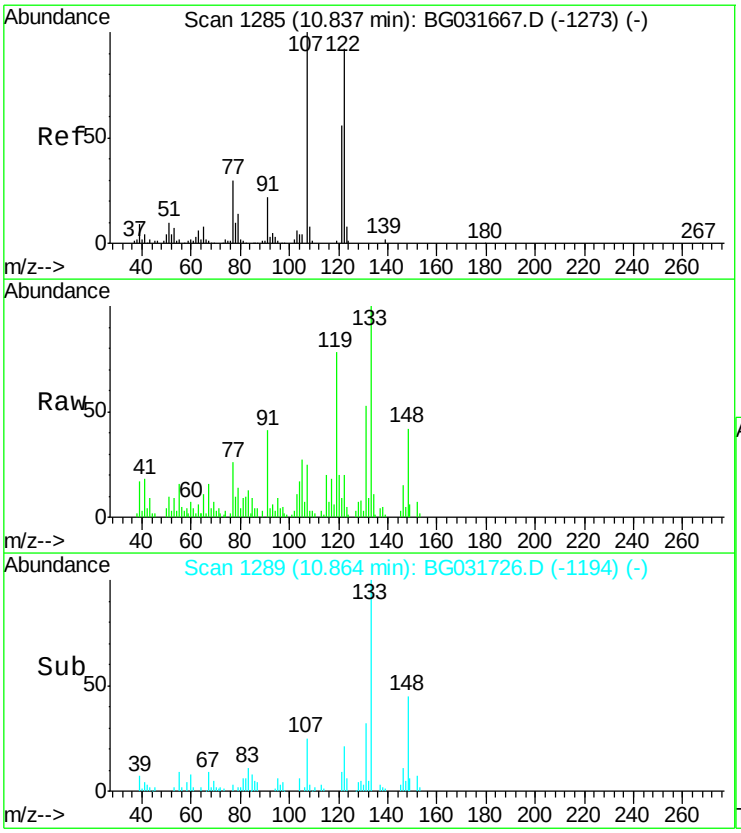
#23
Nitrobenzene-d5
Concen: 107.140 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion: 82 Resp: 299180

Ion	Ratio	Lower	Upper
82	100		
128	51.4	29.7	44.5#
54	43.2	43.1	64.7

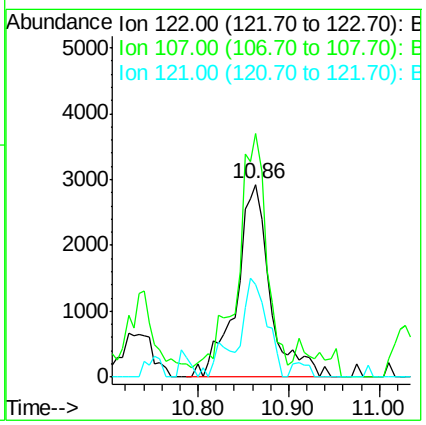


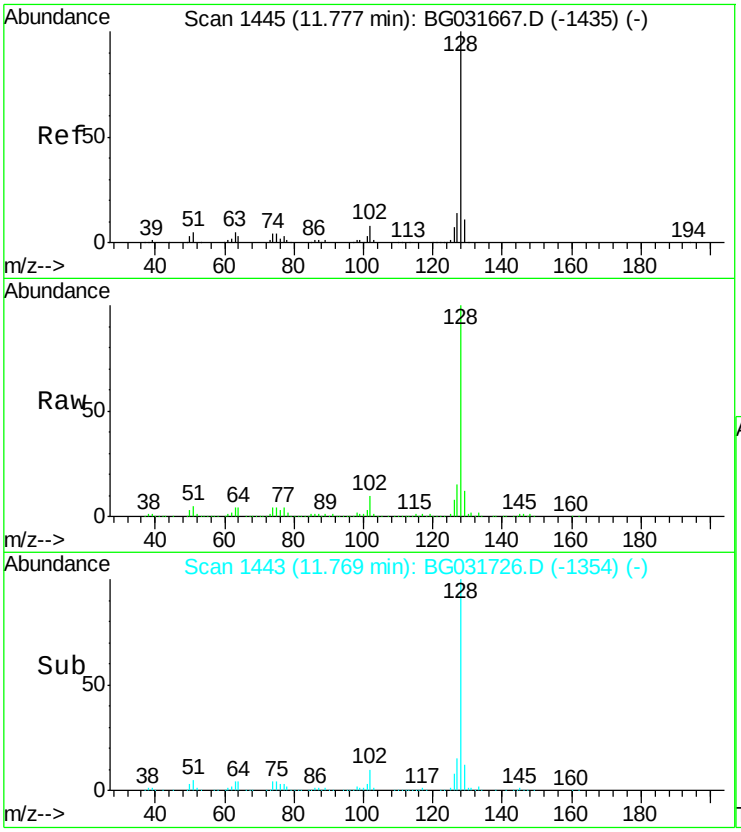


#27
2,4-Dimethylphenol
Concen: 2.373 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.03 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:122 Resp: 7536

Ion	Ratio	Lower	Upper
122	100		
107	126.3	100.2	150.2
121	48.2	44.4	66.6



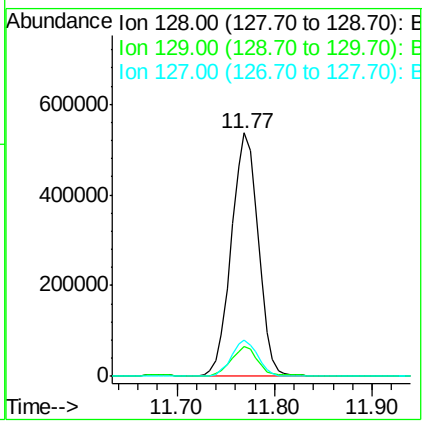


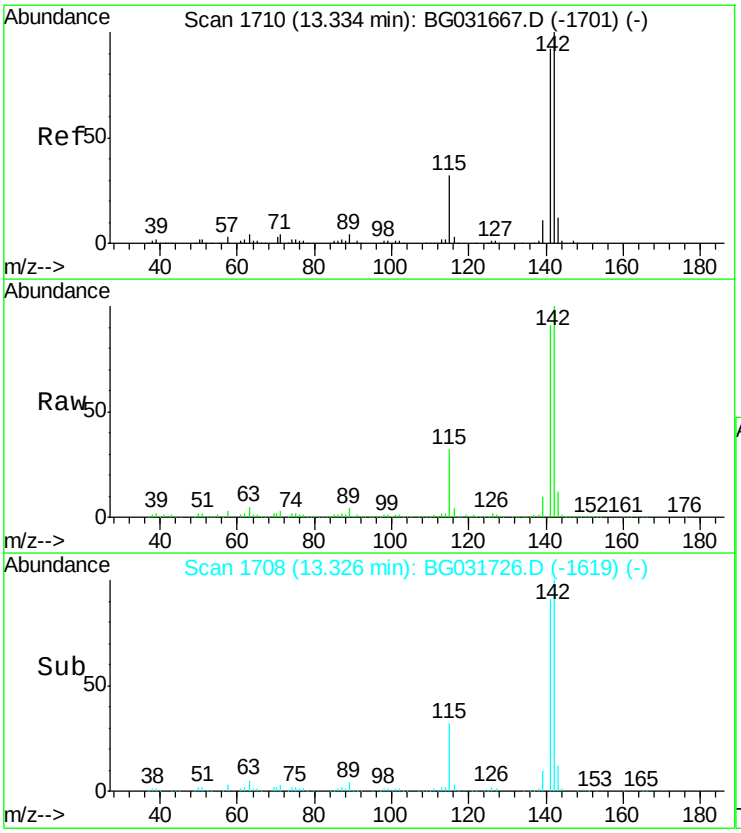
#31
Naphthalene
Concen: 96.836 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:128 Resp: 1030501

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	15.0	11.6	17.4

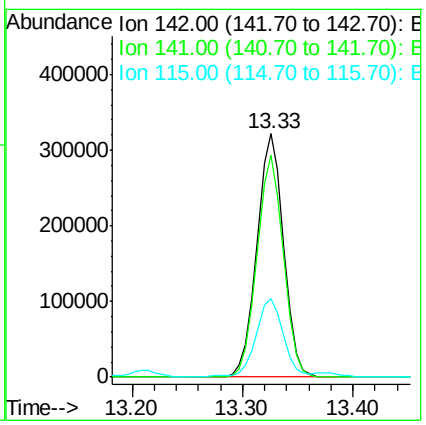


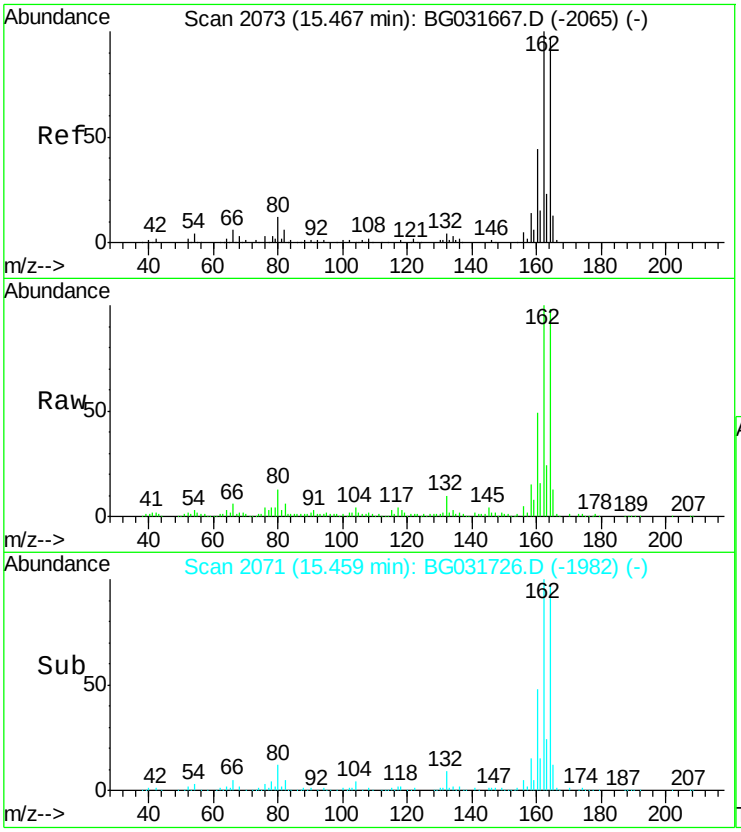


#37
2-Methylnaphthalene
Concen: 62.973 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:142 Resp: 543261

Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	32.2	30.7	46.1



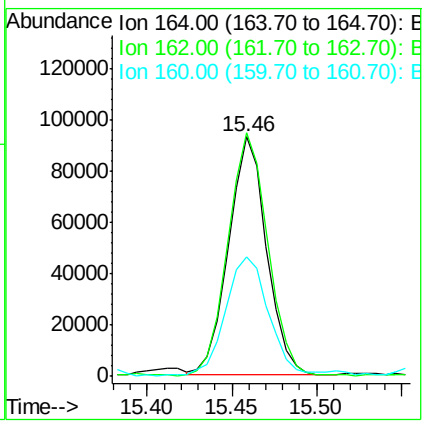


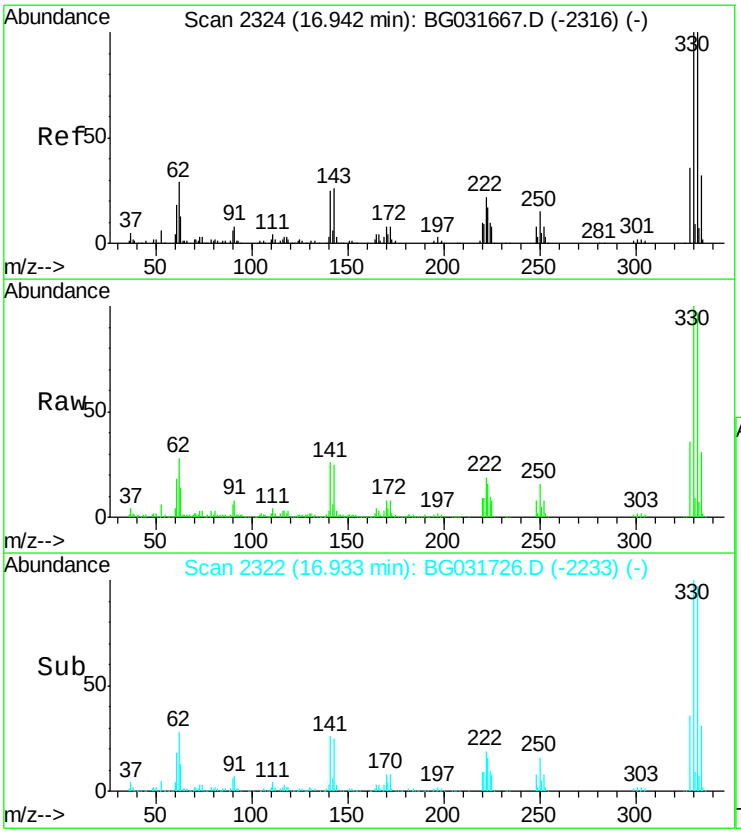
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:164 Resp: 144607

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	49.8	35.4	53.0

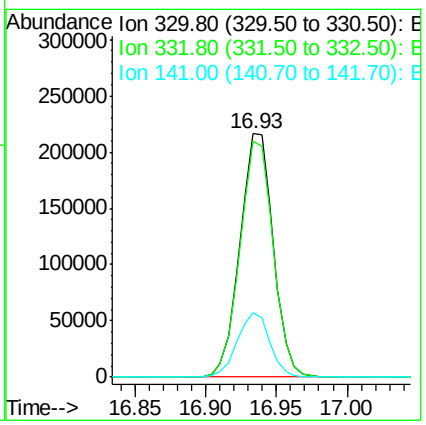


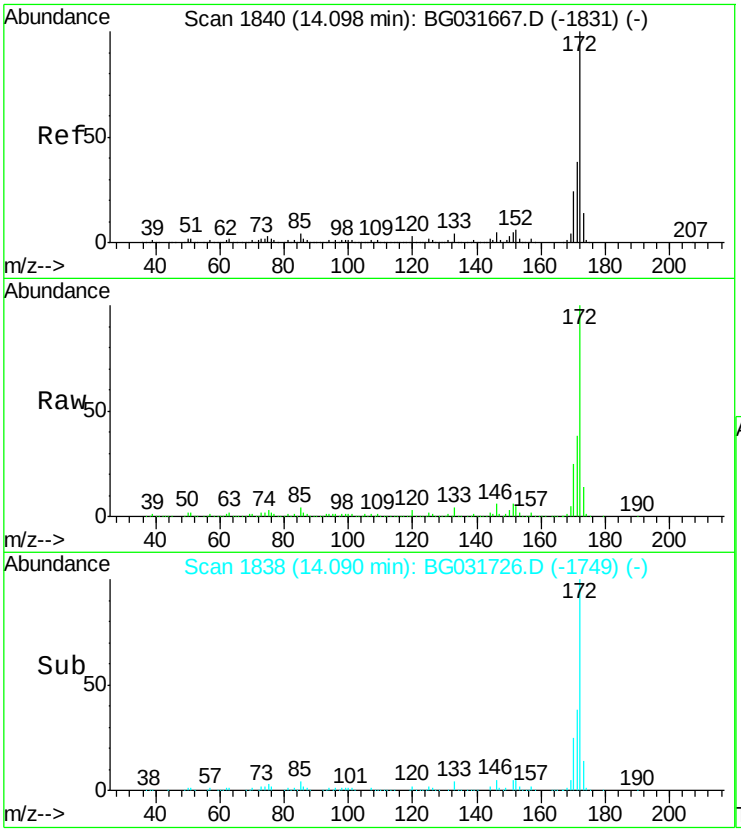


#41
2,4,6-Tribromophenol
Concen: 162.299 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:330 Resp: 358114

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	25.4	25.2	37.8



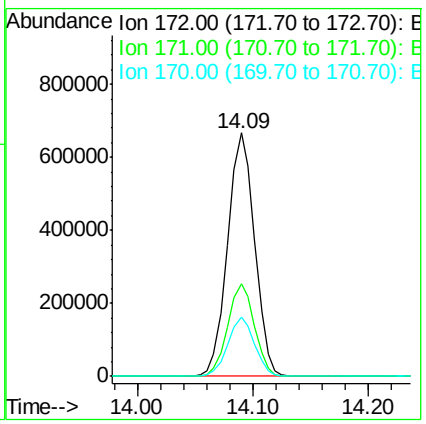


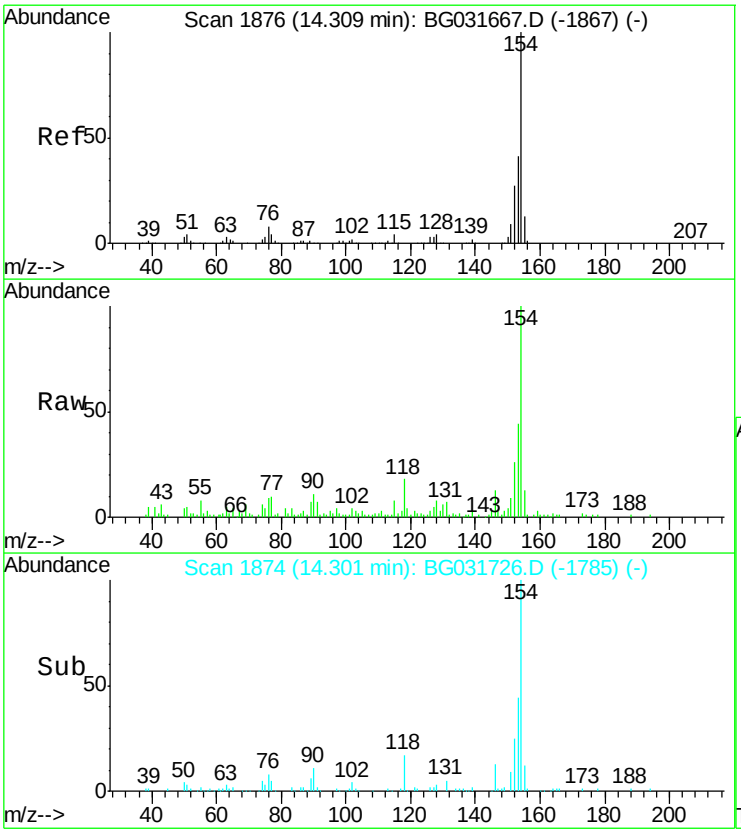
#44
2-Fluorobiphenyl
Concen: 93.463 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:172 Resp: 1076813

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.5	19.5	29.3

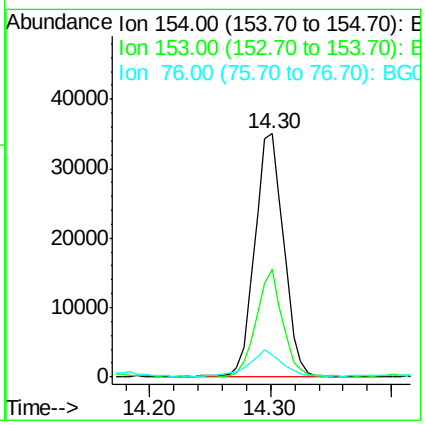


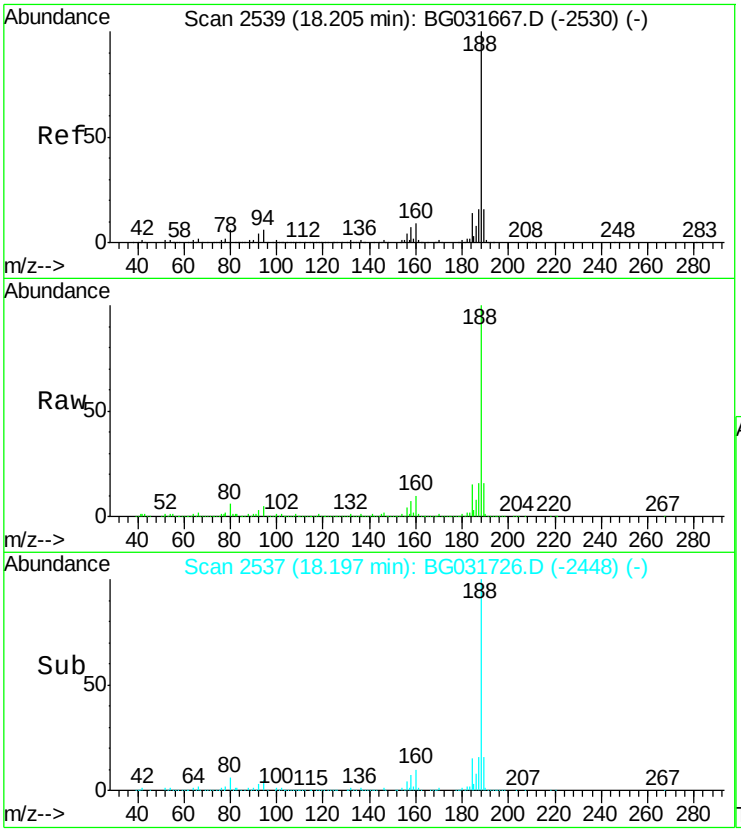


#45
1,1'-Biphenyl
Concen: 4.714 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:154 Resp: 58223

Ion	Ratio	Lower	Upper
154	100		
153	44.1	19.8	59.8
76	8.8	0.0	31.9



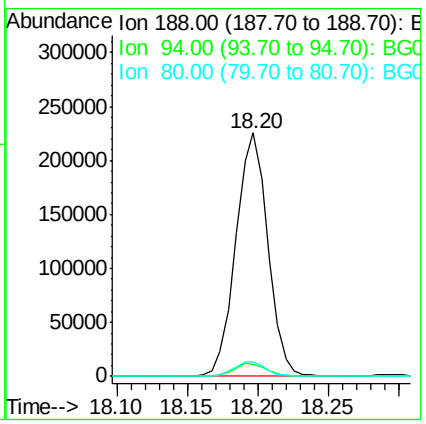


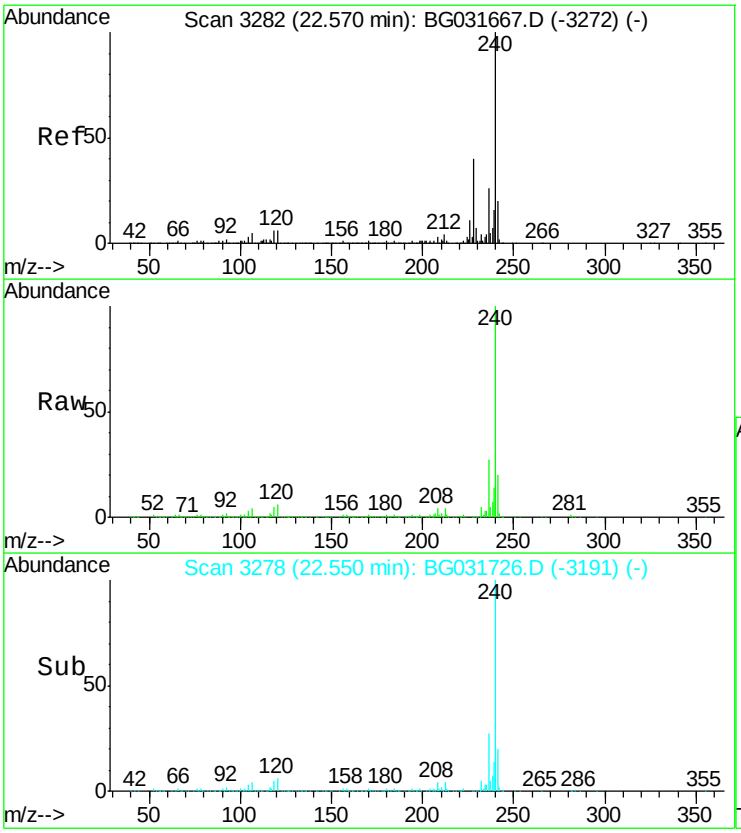
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:188 Resp: 357504

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	6.0	7.7	11.5#

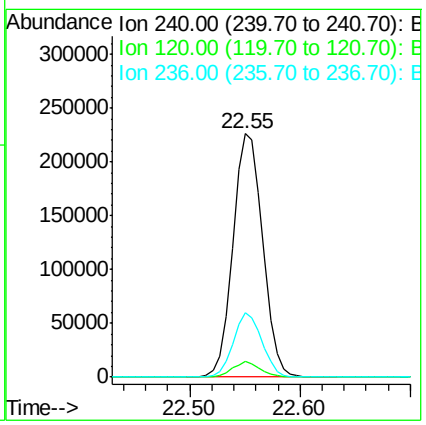


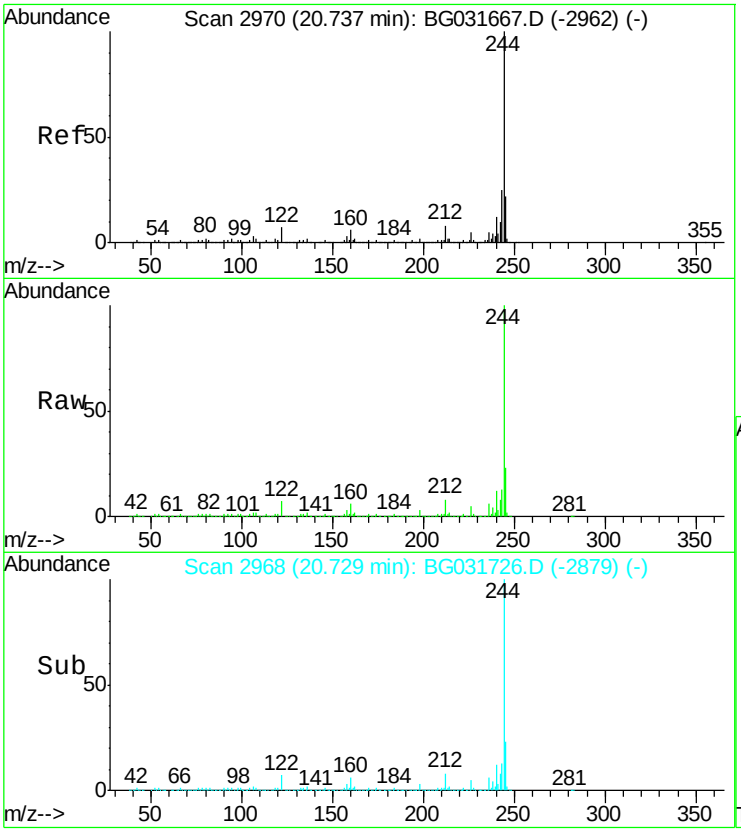


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:240 Resp: 427964

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.6	20.9	31.3



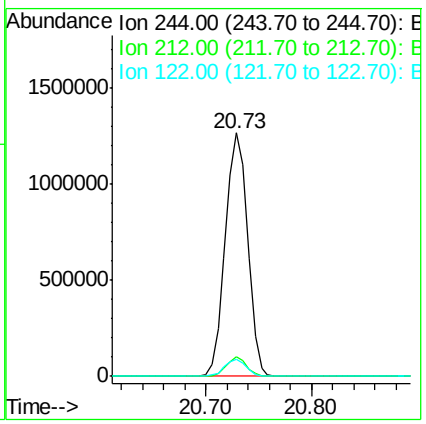


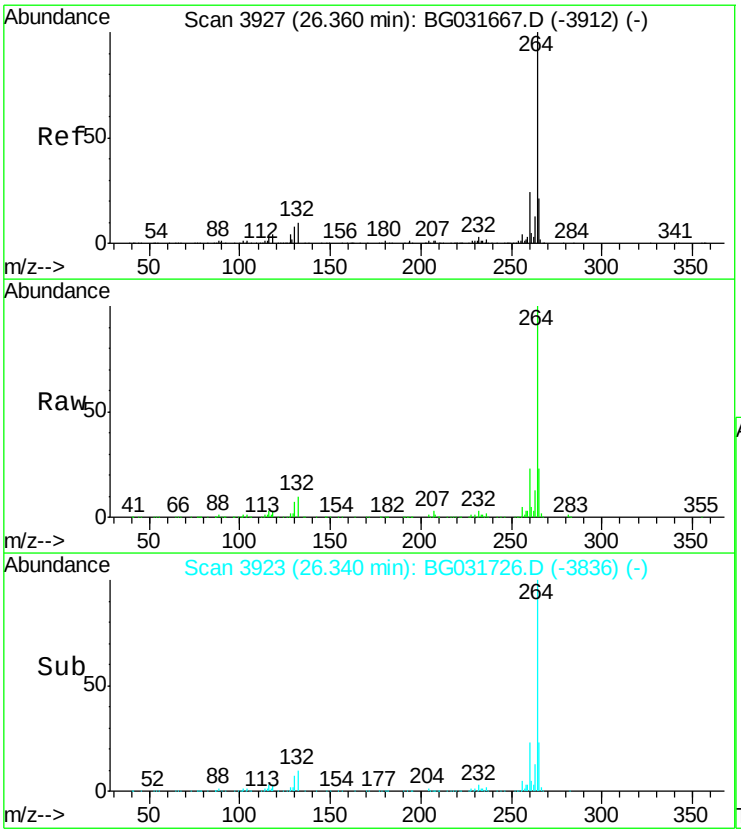
#78
Terphenyl-d14
Concen: 98.744 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:244 Resp: 1849685

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031726.D
Acq: 23 Dec 2017 00:25

Tgt Ion:264 Resp: 463177

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.7	17.7	26.5