Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031727.D
Acq On : 23 Dec 2017 1:03
Operator : SJ/JU
Sample : I7004-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-5-121817

Quant Time: Dec 23 02:55:02 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	47358	20.00	ng		-0.01
21) Naphthalene-d8	11.71	136	200105	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	137014	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	352674	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	416746	20.00	ng		-0.02
86) Perylene-d12	26.34	264	447390	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	148708	57.19	ng		0.00
7) Phenol-d6	7.92	99	119867	35.51	ng		-0.01
23) Nitrobenzene-d5	10.03	82	262691	99.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	341276	163.24	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	988124	90.52	ng		-0.01
78) Terphenyl-d14	20.73	244	1819029	99.72	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	6441	3.169	ng		89
10) Phenol	7.95	94	7508	2.203	ng	#	65
18) Hexachloroethane	9.97	117	36910	31.852	ng	#	1
19) n-Nitroso-di-n-propylamine	10.03	70	34974	15.170	ng	#	71
22) Acetophenone	9.65	105	48755	10.487	ng	#	55
31) Naphthalene	11.77	128	1141781	113.061	ng		99
32) Benzoic acid	10.83	122	4404	8.539	ng	#	10
33) 4-Chloroaniline	11.77	127	167295	37.209	ng	#	33
37) 2-Methylnaphthalene	13.53	142	235937	28.819	ng		92
64) 4,6-Dinitro-2-methylphenol	16.68	198	55	8.332	ng	#	1
66) 4-Bromophenyl-phenylether	16.93	248	27041	5.302	ng	#	1

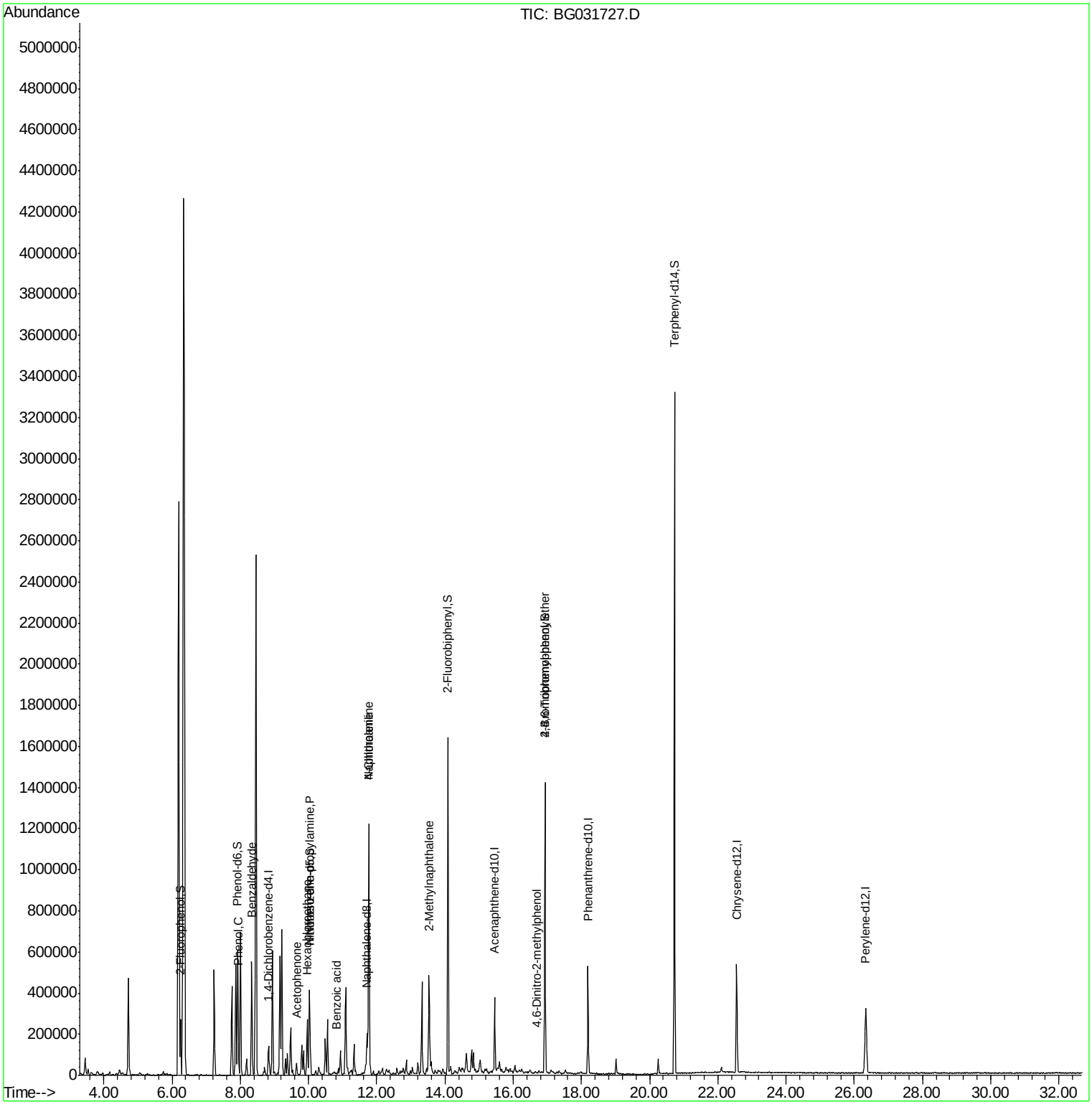
(#) = qualifier out of range (m) = manual integration (+) = signals summed

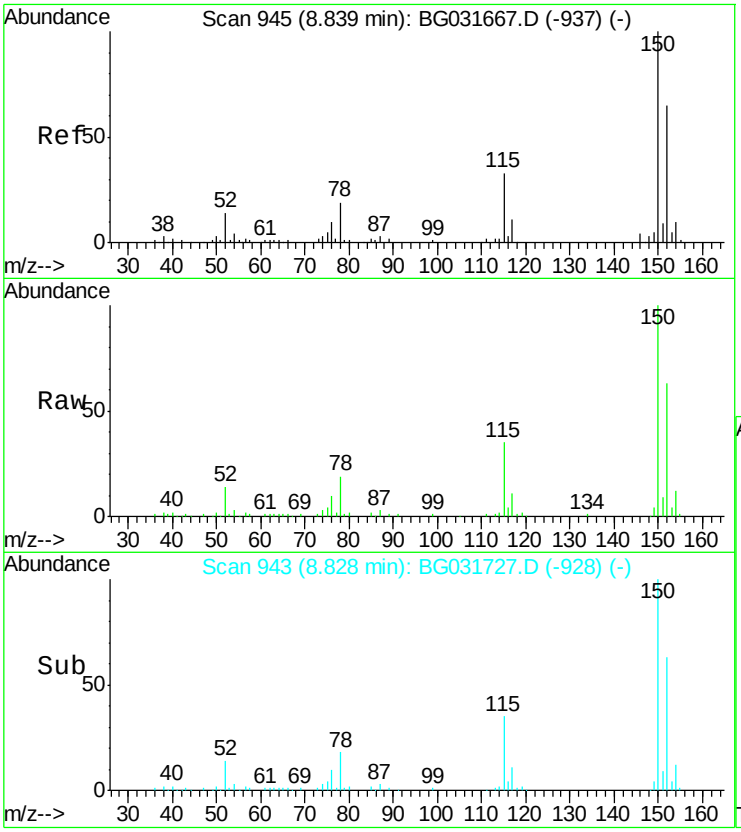
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031727.D
Acq On : 23 Dec 2017 1:03
Operator : SJ/JU
Sample : I7004-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Quant Time: Dec 23 02:55:02 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



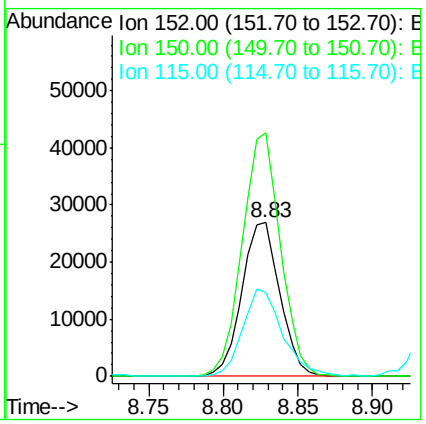


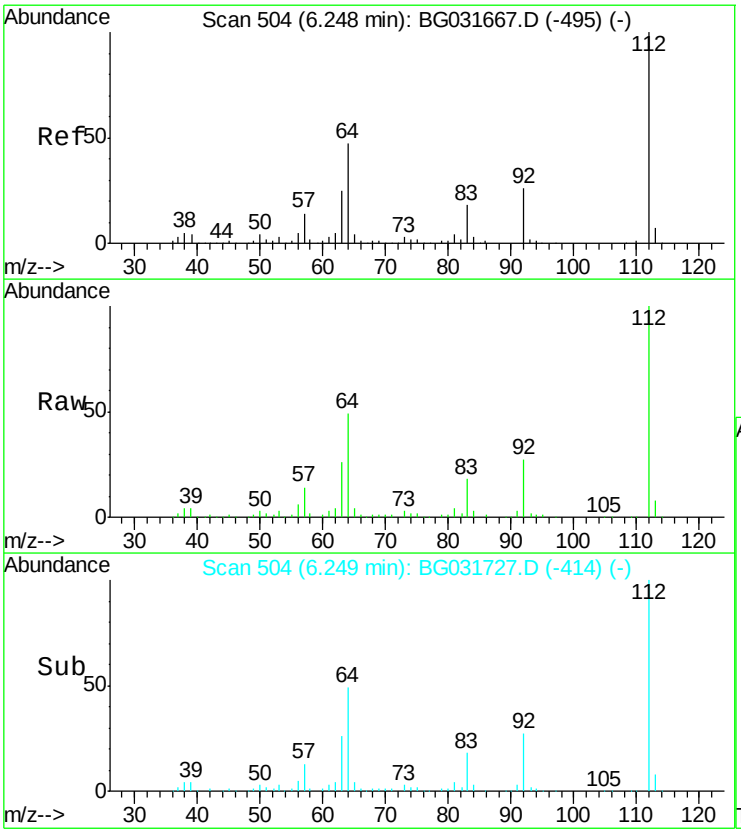
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:152 Resp: 47358

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	54.6	53.0	79.4

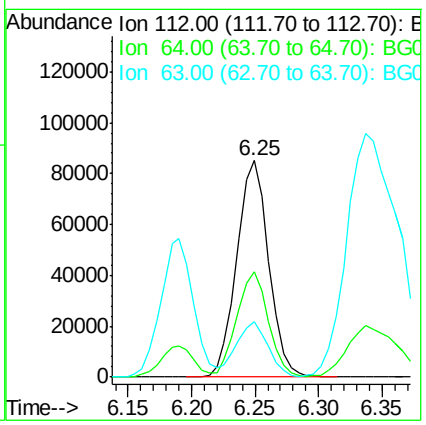


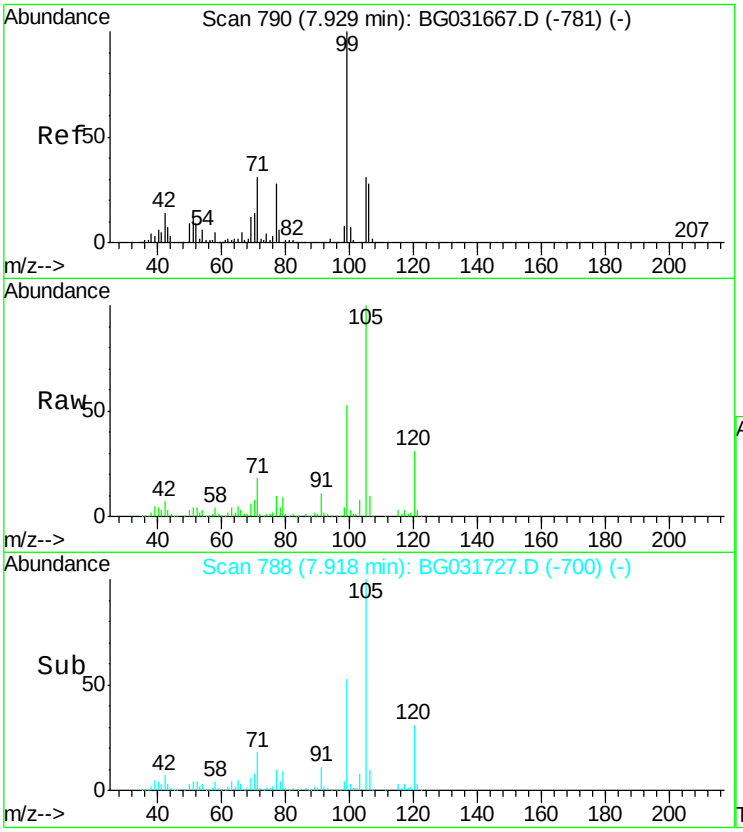


#5
2-Fluorophenol
Concen: 57.193 ng
RT: 6.25 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:112 Resp: 148708

Ion	Ratio	Lower	Upper
112	100		
64	48.8	56.3	84.5#
63	25.5	30.1	45.1#



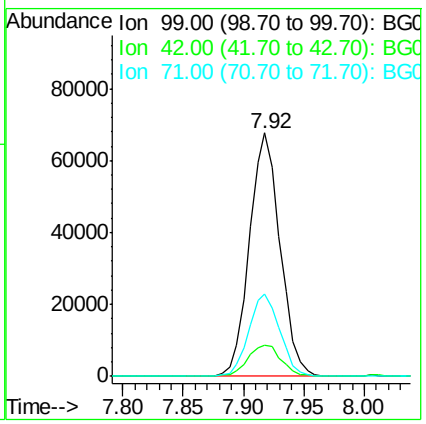


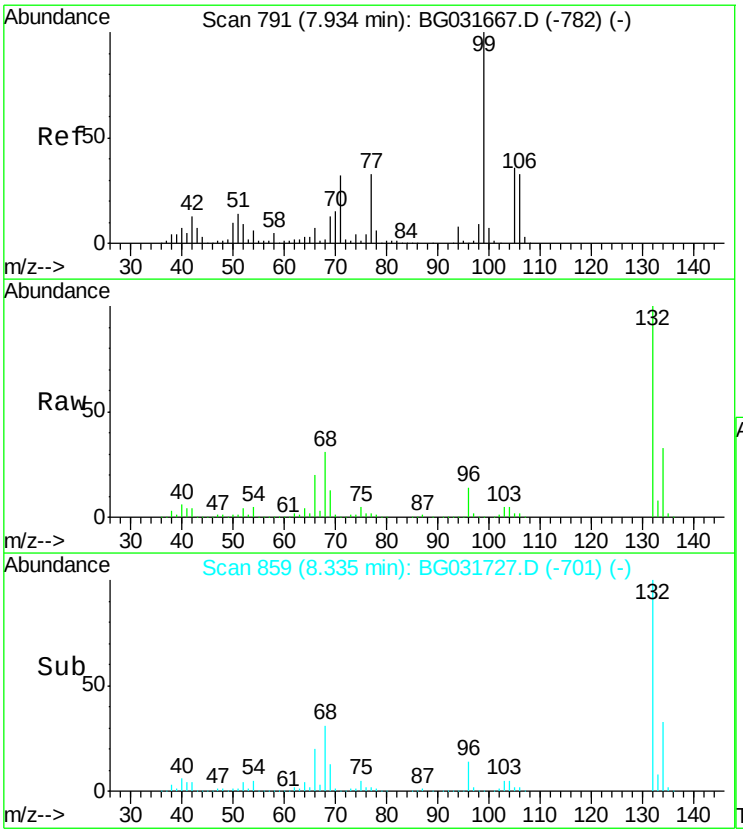
#7
Phenol-d6
Concen: 35.508 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion: 99 Resp: 119867

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.1	21.1#
71	34.0	26.1	39.1

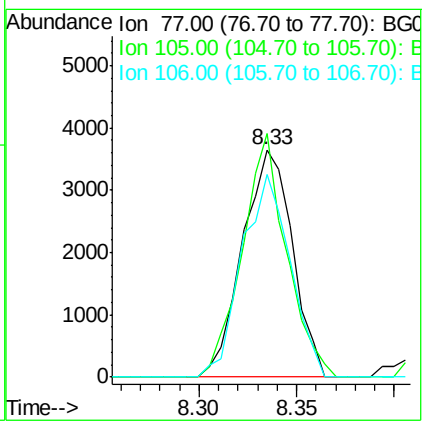


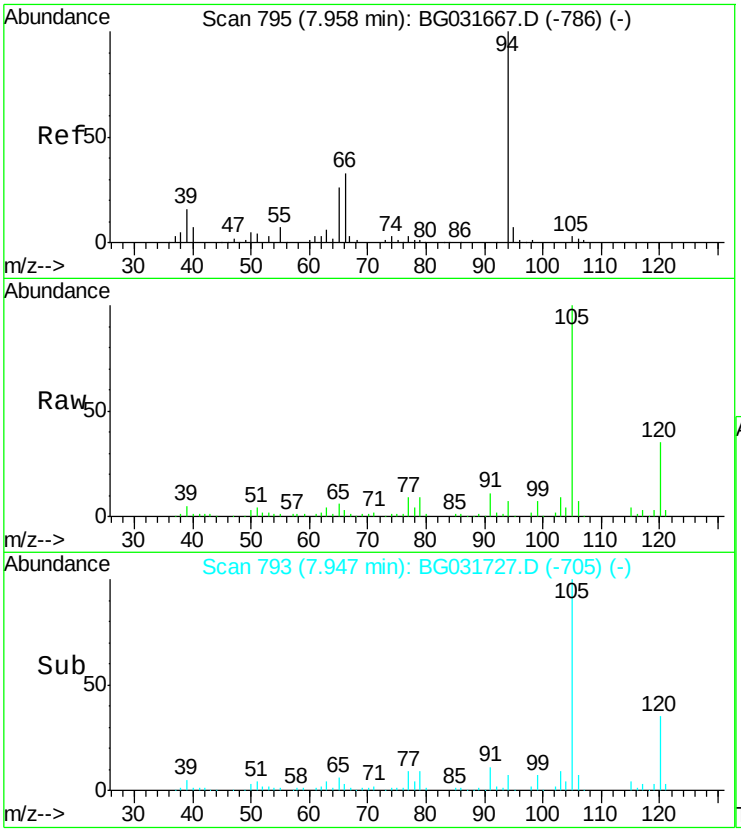


#9
Benzaldehyde
Concen: 3.169 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion: 77 Resp: 6441

Ion	Ratio	Lower	Upper
77	100		
105	107.0	71.3	111.3
106	88.8	64.2	104.2



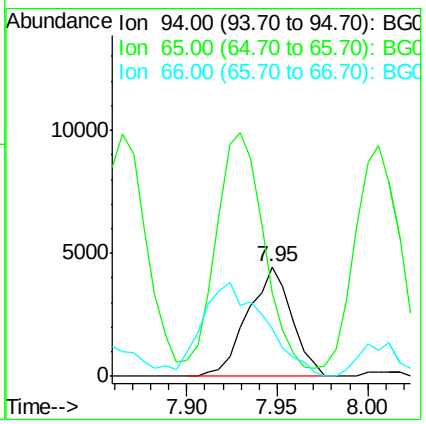


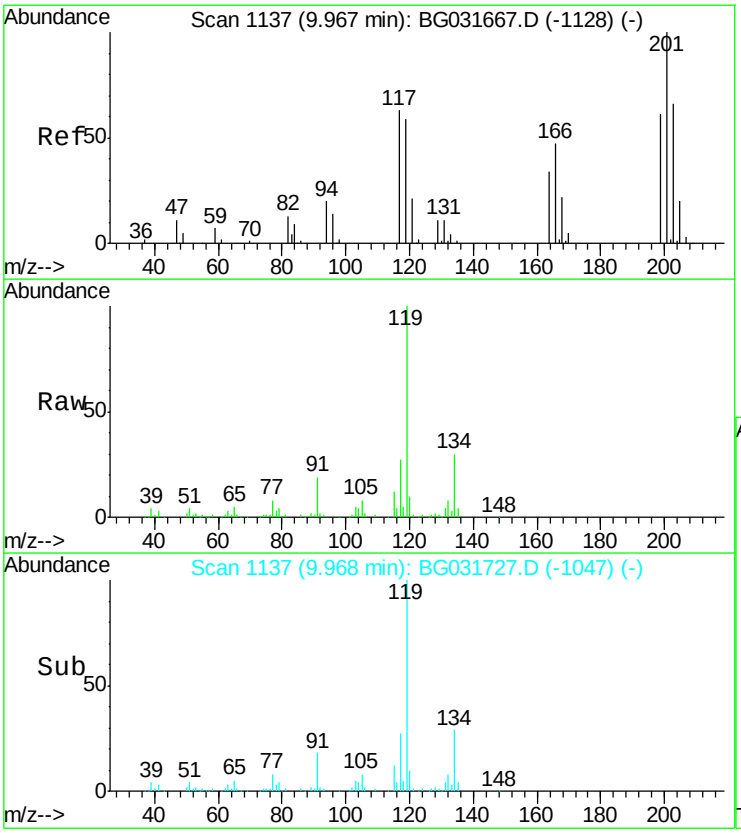
#10
Phenol
Concen: 2.203 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion: 94 Resp: 7508

Ion	Ratio	Lower	Upper
94	100		
65	75.8	11.9	51.9#
66	43.0	22.2	62.2

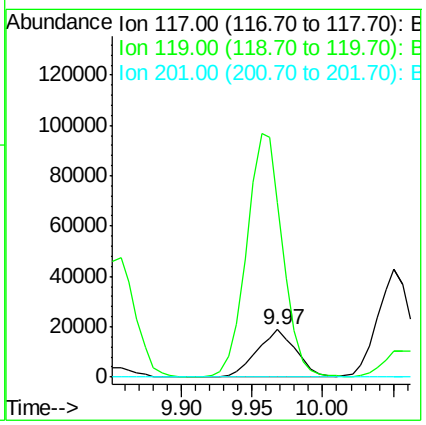


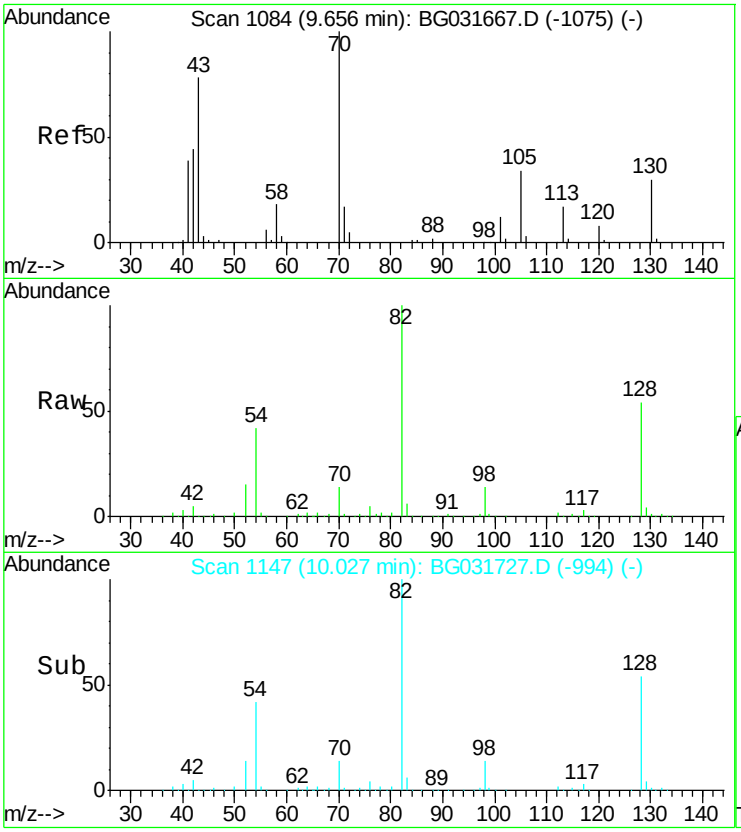


#18
Hexachloroethane
Concen: 31.852 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:117 Resp: 36910

Ion	Ratio	Lower	Upper
117	100		
119	370.1	76.7	115.1#
201	0.0	95.7	143.5#



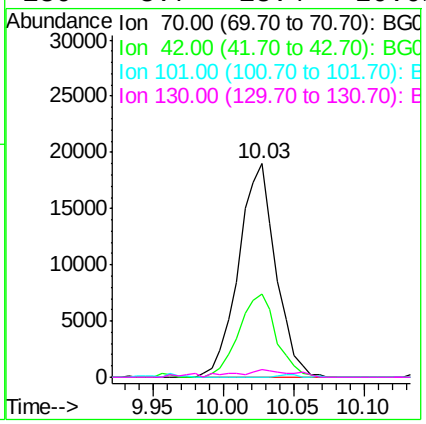


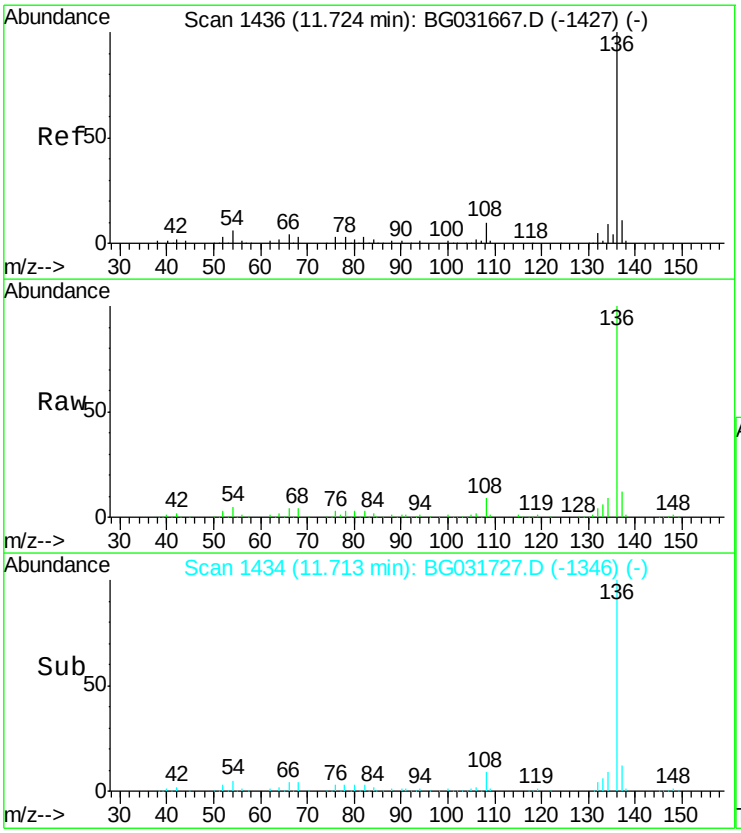
#19
n-Nitroso-di-n-propylamine
Concen: 15.170 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion: 70 Resp: 34974

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.1	73.7#
101	0.0	8.5	12.7#
130	3.7	13.4	20.0#

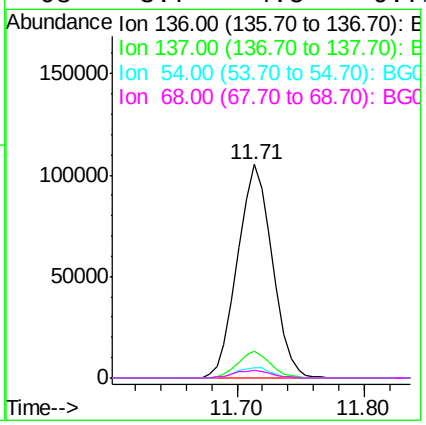


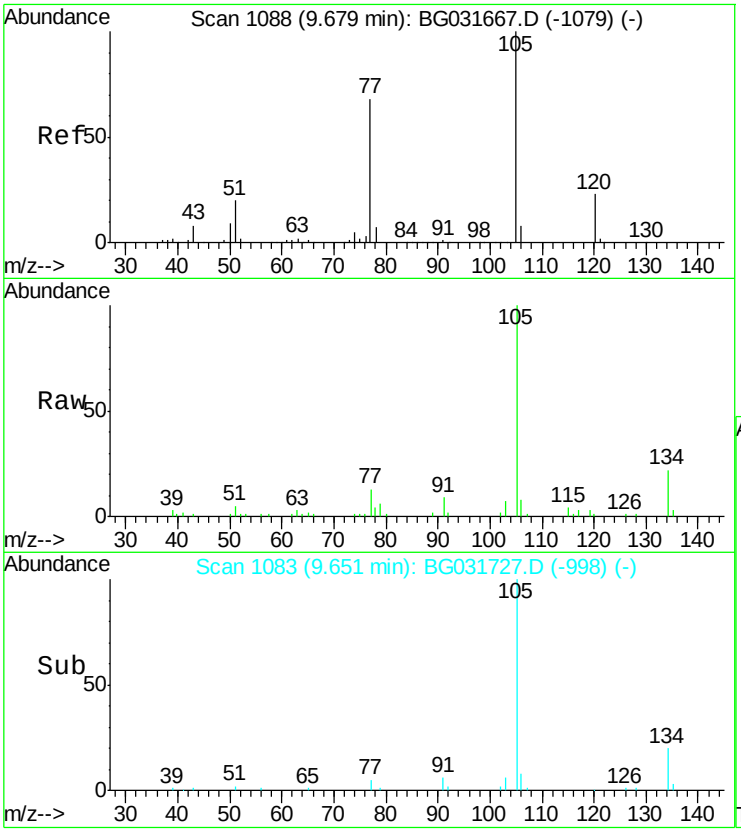


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:136 Resp: 200105

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	4.6	10.3	15.5#
68	3.7	4.5	6.7#



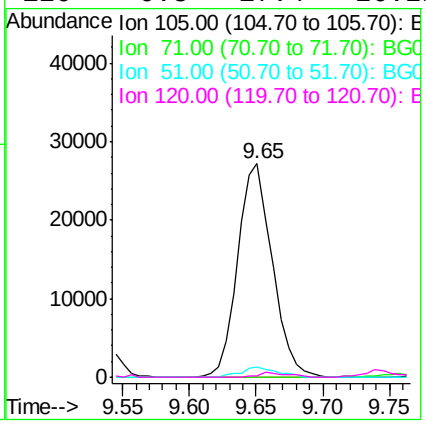


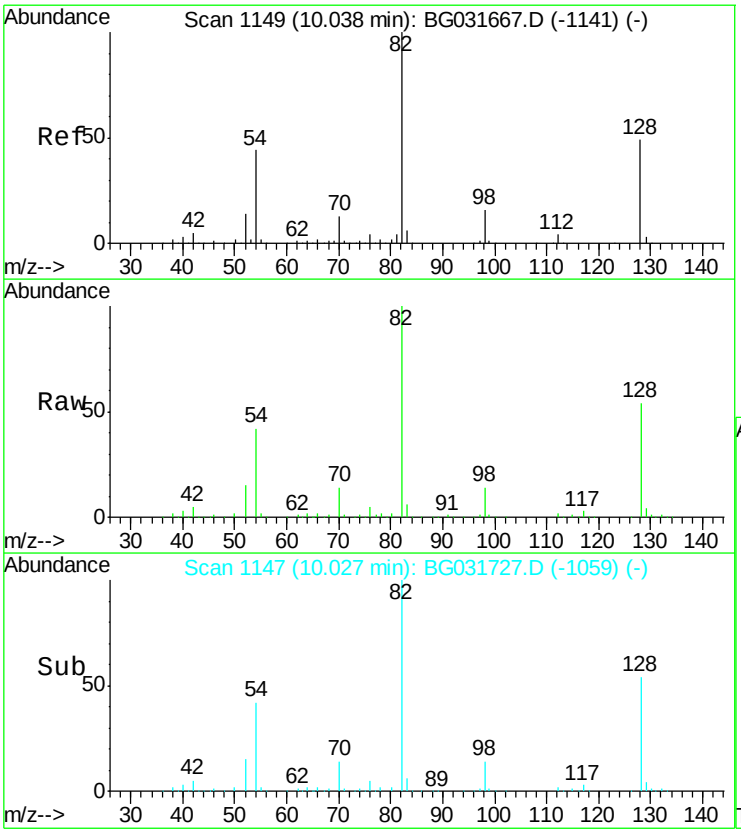
#22
Acetophenone
Concen: 10.487 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:105 Resp: 48755

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	4.8	26.1	39.1#
120	0.8	17.4	26.2#

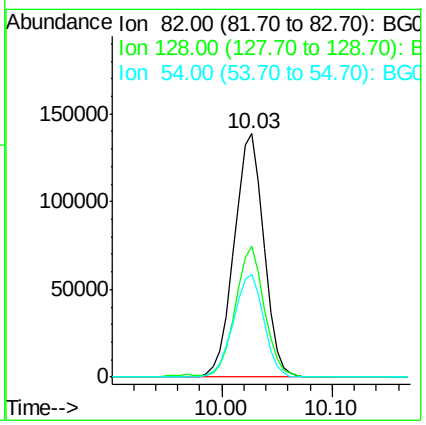


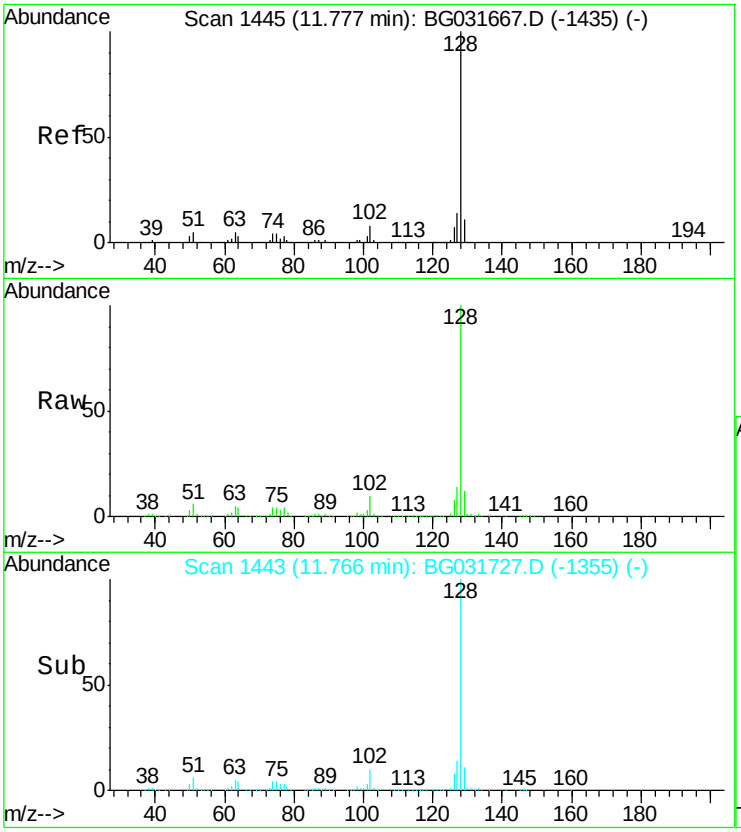


#23
Nitrobenzene-d5
Concen: 99.130 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion: 82 Resp: 262691

Ion	Ratio	Lower	Upper
82	100		
128	53.9	29.7	44.5#
54	42.3	43.1	64.7#



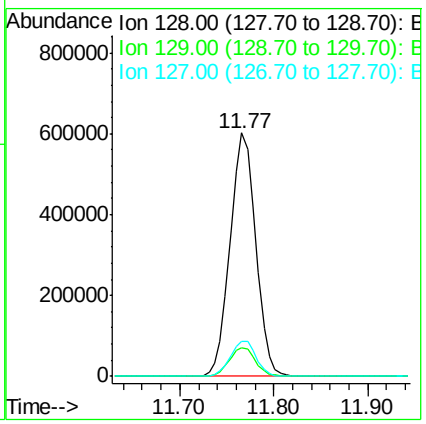


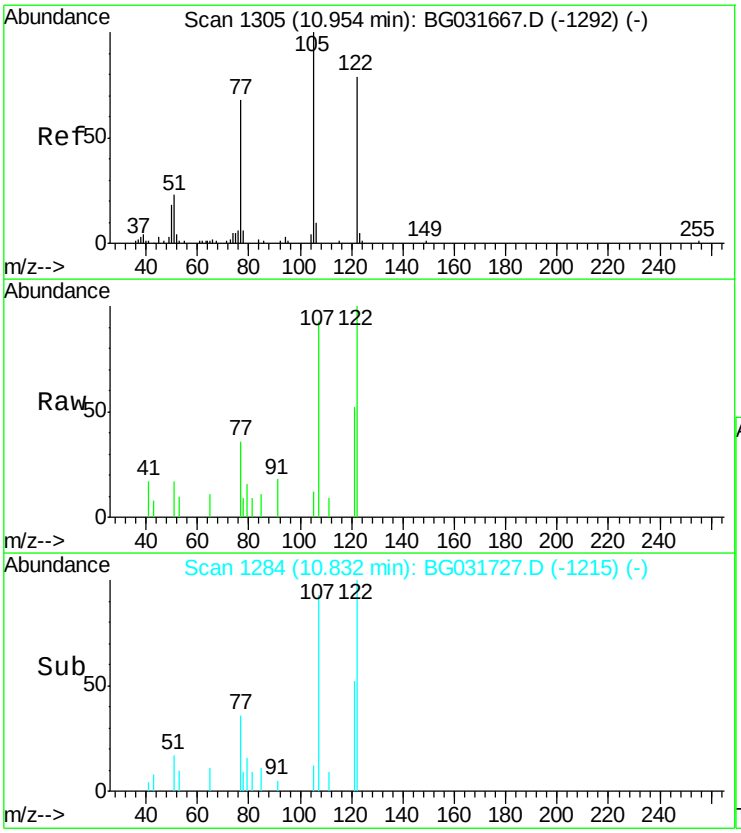
#31
Naphthalene
Concen: 113.061 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:128 Resp: 1141781

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.5	11.6	17.4

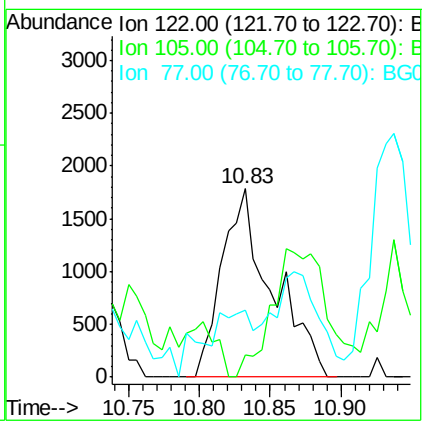


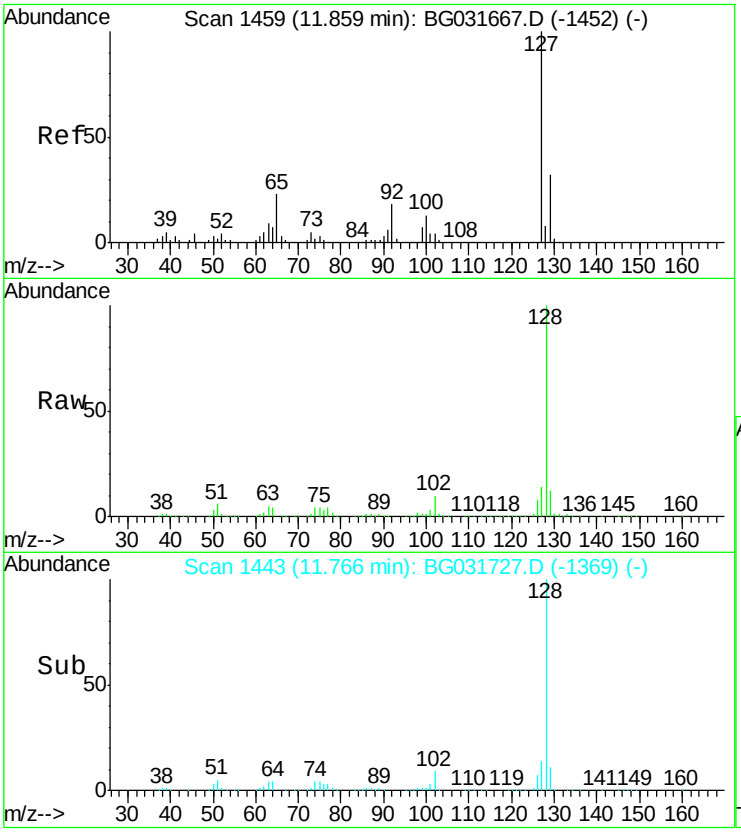


#32
Benzoic acid
Concen: 8.539 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.12 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:122 Resp: 4404

Ion	Ratio	Lower	Upper
122	100		
105	12.1	123.5	163.5#
77	35.8	85.7	125.7#



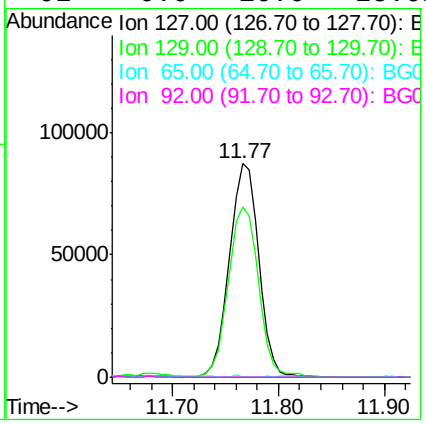


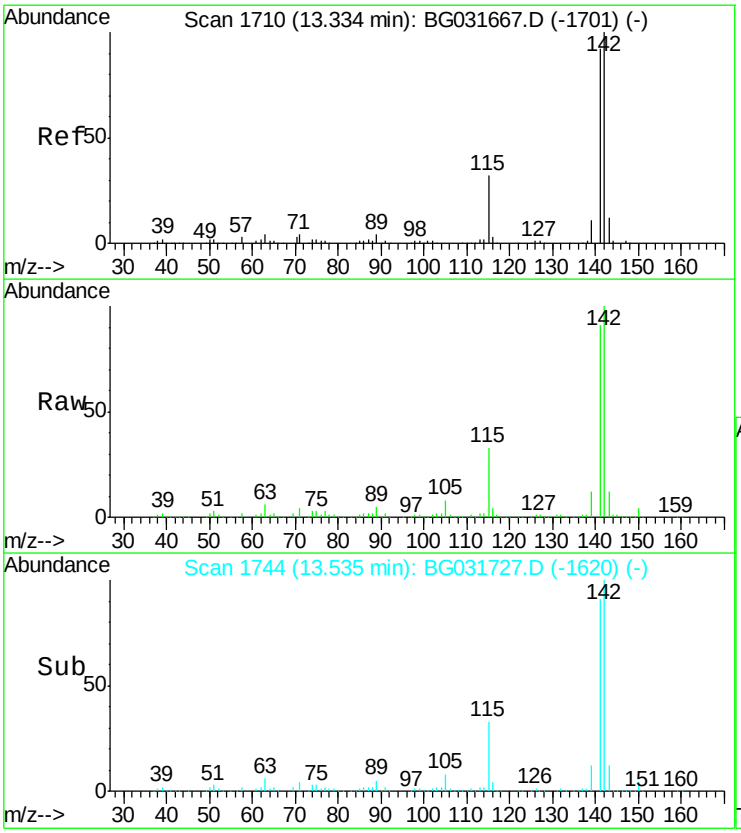
#33
4-Chloroaniline
Concen: 37.209 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.09 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:127 Resp: 167295

Ion	Ratio	Lower	Upper
127	100		
129	79.7	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

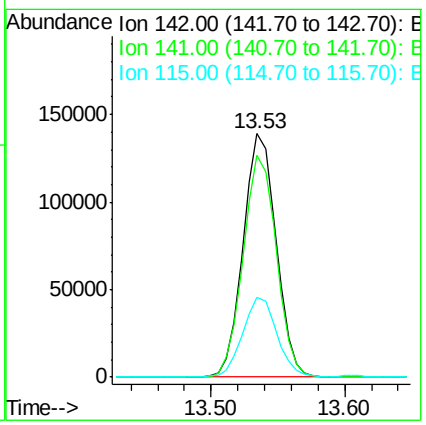


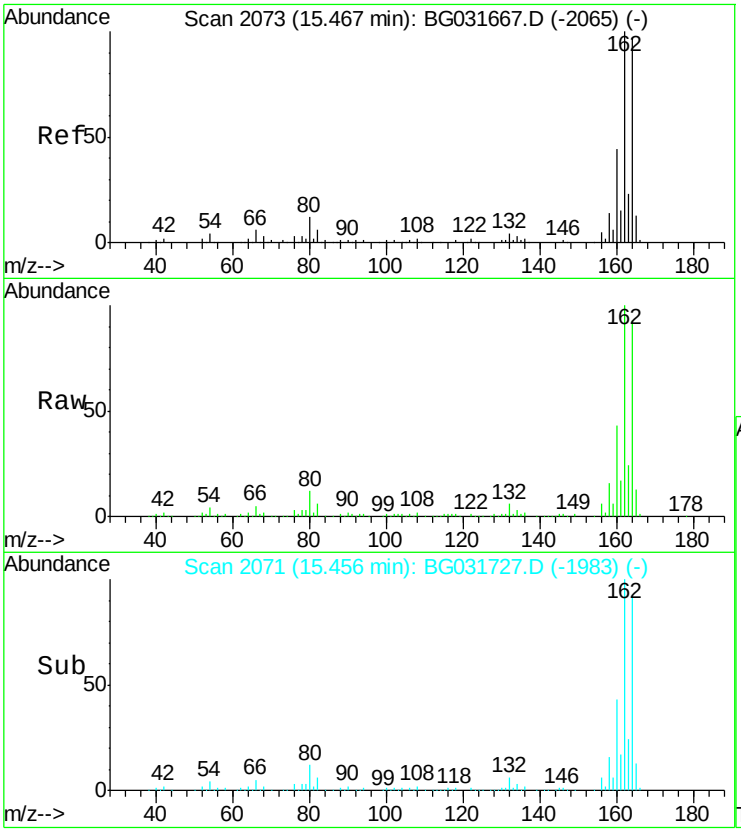


#37
2-Methylnaphthalene
Concen: 28.819 ng
RT: 13.53 min Scan# 1744
Delta R.T. 0.20 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:142 Resp: 235937

Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	32.9	30.7	46.1



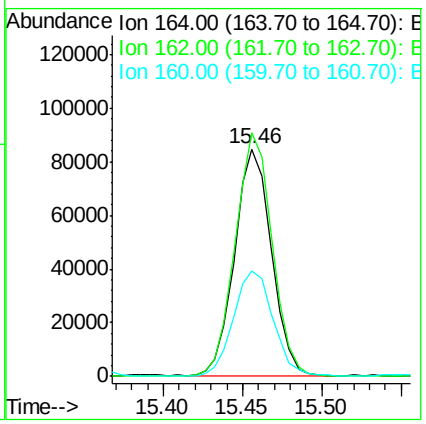


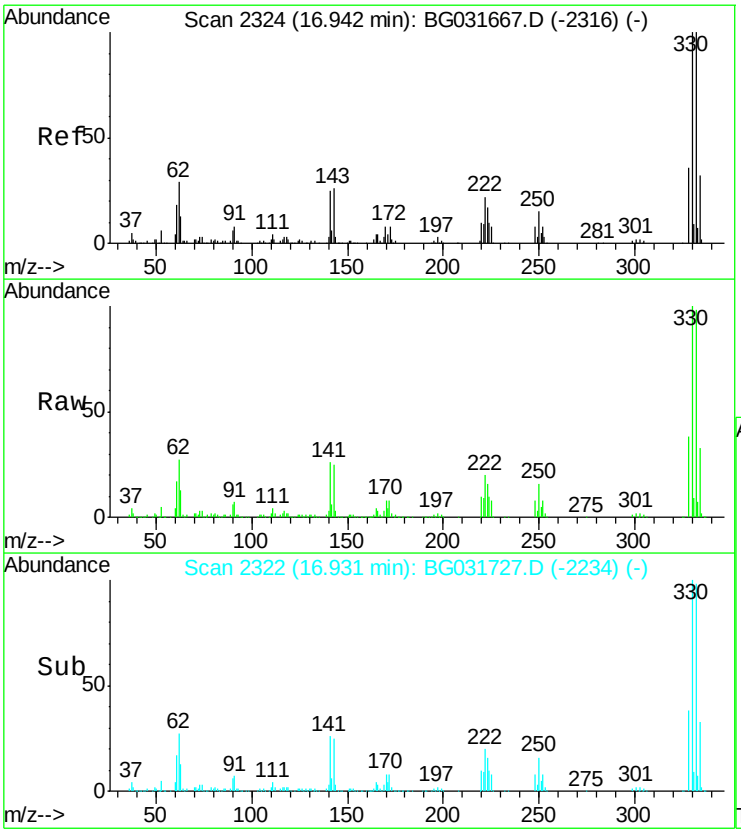
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:164 Resp: 137014

Ion	Ratio	Lower	Upper
164	100		
162	107.2	78.8	118.2
160	46.5	35.4	53.0

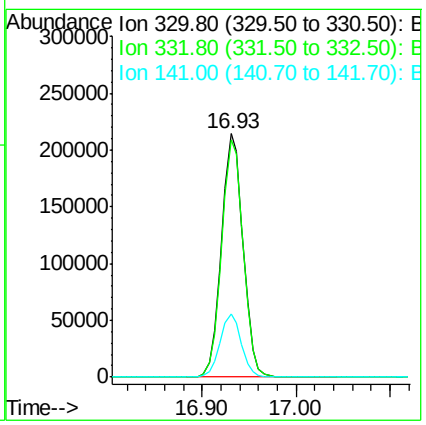


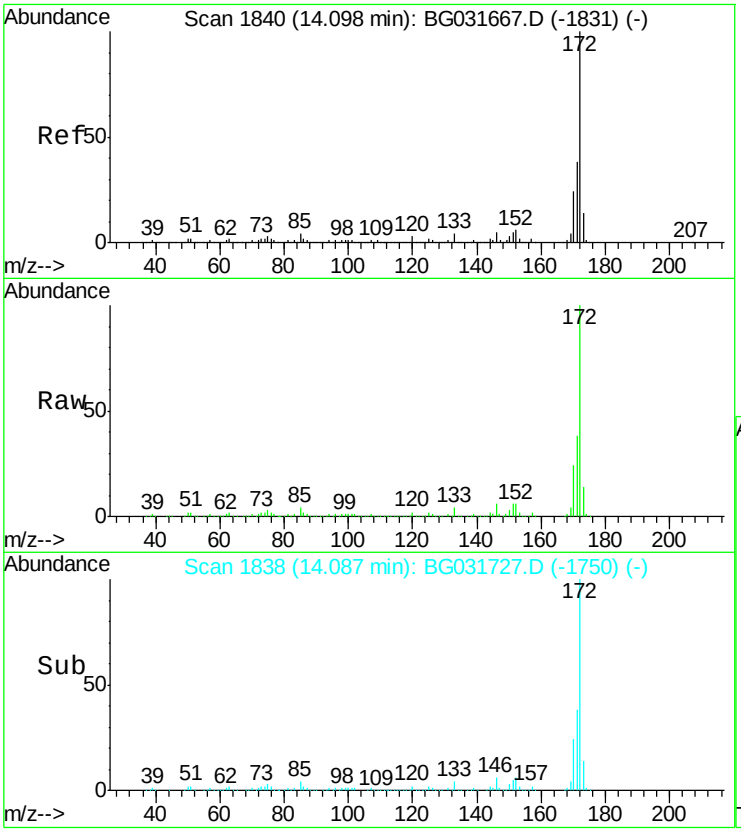


#41
2,4,6-Tribromophenol
Concen: 163.240 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:330 Resp: 341276

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	25.7	25.2	37.8



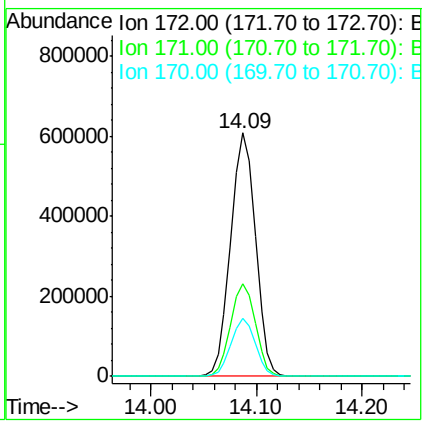


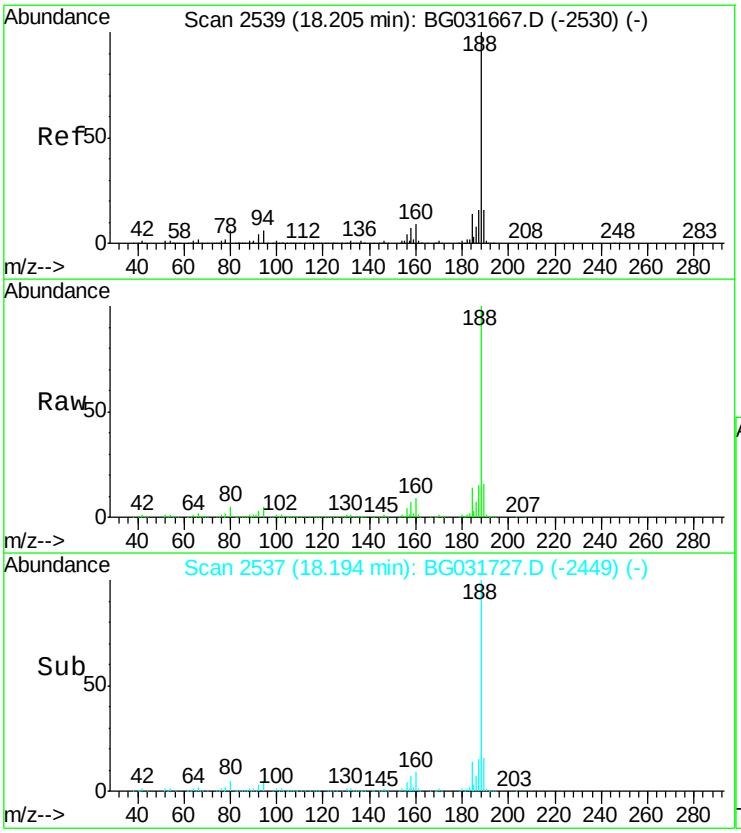
#44
2-Fluorobiphenyl
Concen: 90.518 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:172 Resp: 988124

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.6	19.5	29.3

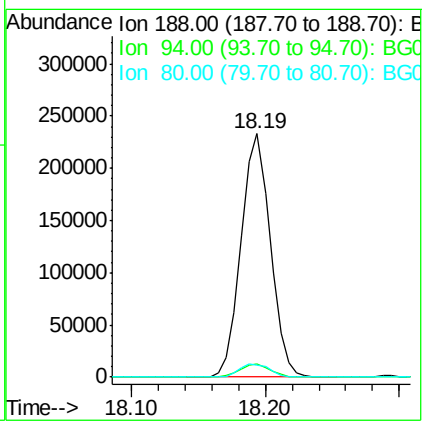


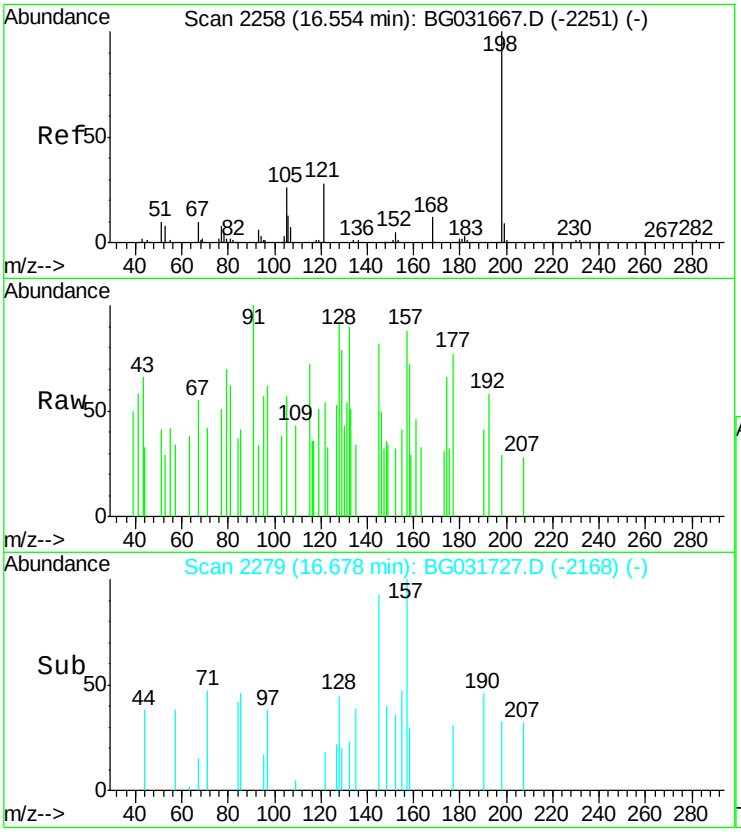


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:188 Resp: 352674

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.1	7.7	11.5#



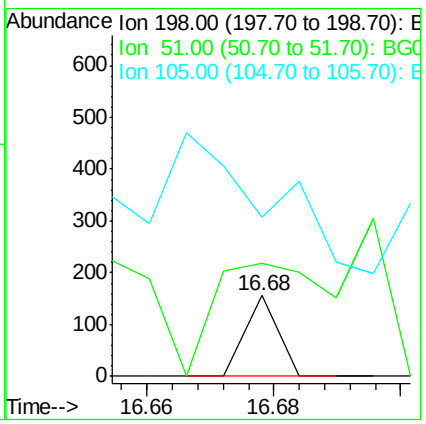


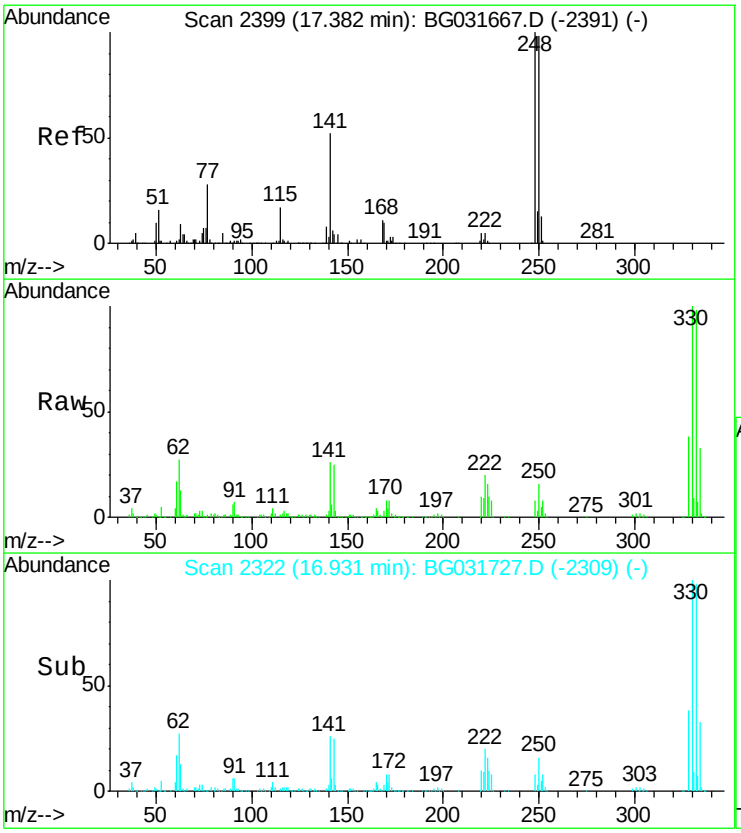
#64
4,6-Dinitro-2-methylphenol
Concen: 8.332 ng
RT: 16.68 min Scan# 2279
Delta R.T. 0.13 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:198 Resp: 55

Ion	Ratio	Lower	Upper
198	100		
51	139.7	30.6	70.6#
105	196.8	23.8	63.8#

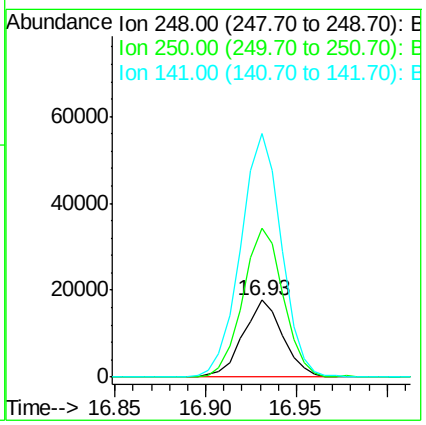


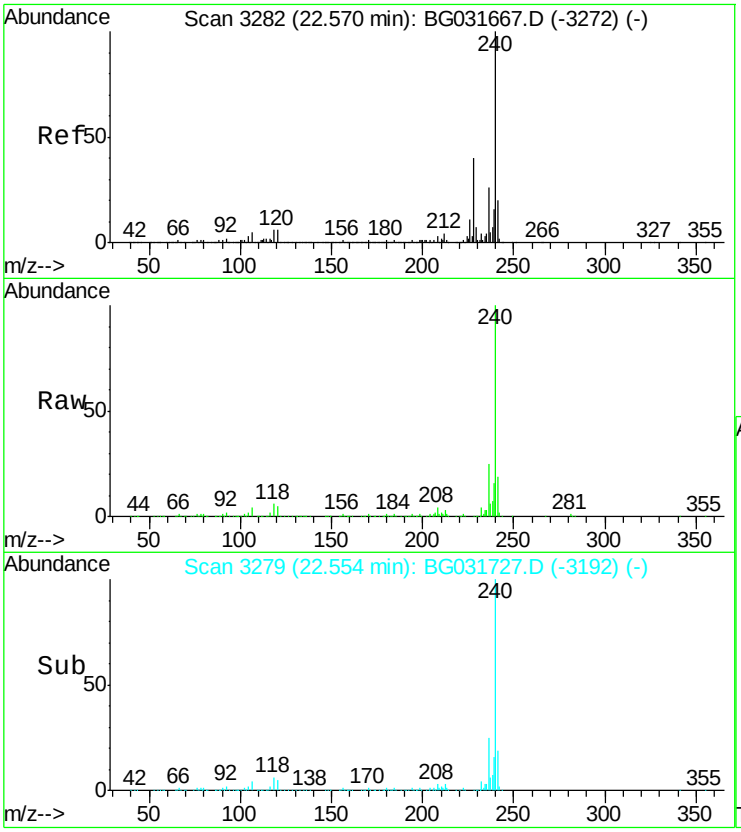


#66
4-Bromophenyl-phenylether
Concen: 5.302 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:248 Resp: 27041

Ion	Ratio	Lower	Upper
248	100		
250	193.6	77.1	115.7#
141	315.6	50.8	76.2#



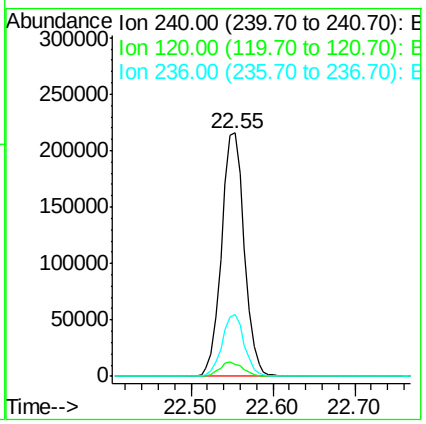


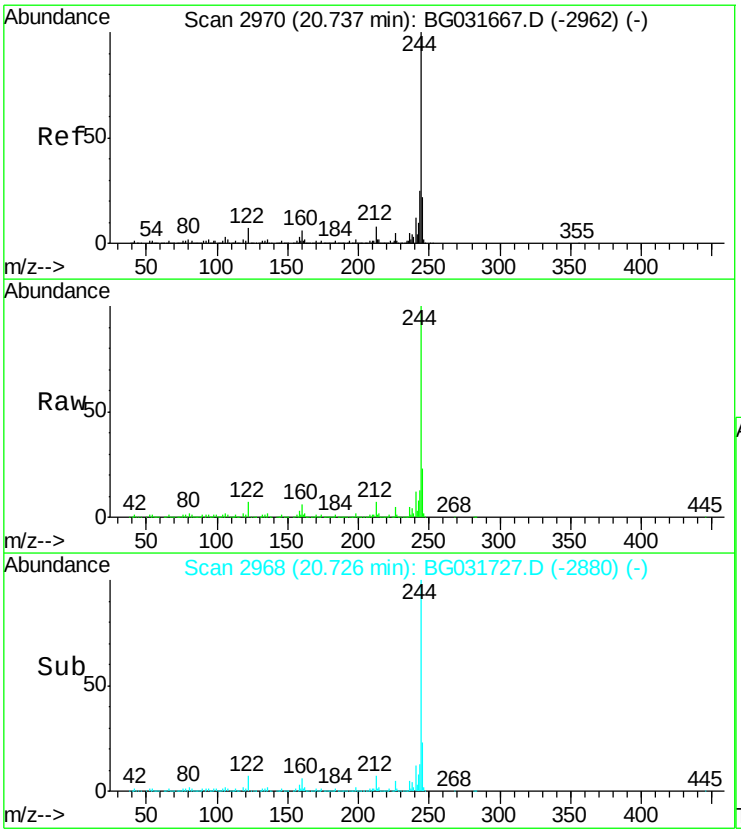
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:240 Resp: 416746

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.4	20.9	31.3

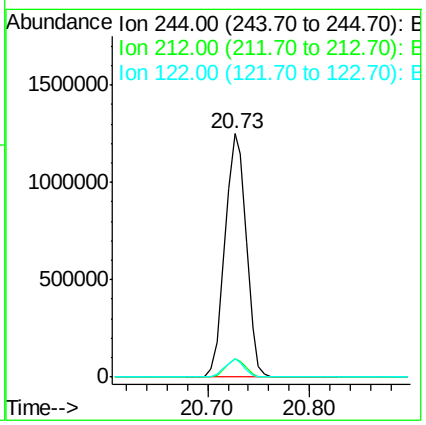


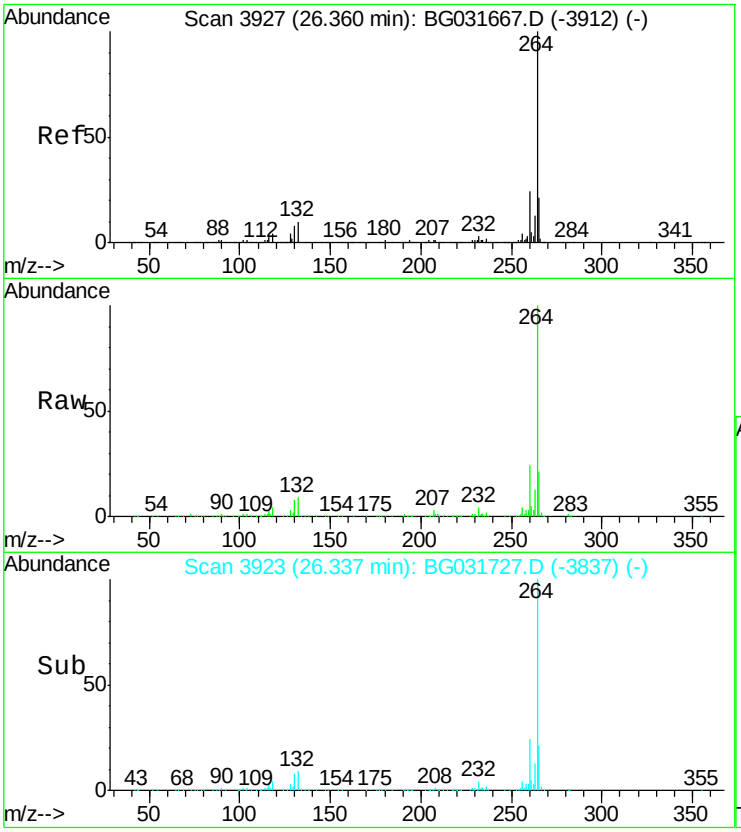


#78
Terphenyl-d14
Concen: 99.721 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031727.D
Acq: 23 Dec 2017 1:03

Tgt Ion:244 Resp: 1819029

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.4	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: BG031727.D
Acq: 23 Dec 2017 1:03

Instrument :
BNA_G
ClientSampleId :
PR-MW-5-121817

Tgt Ion:264 Resp: 447390

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.0	17.7	26.5