Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032185.D
Acq On : 20 Jan 2018 18:42
Operator : SJ/JU
Sample : J1186-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 22 02:03:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43120	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	162808	20.00	ng		0.00
38) Acenaphthene-d10	15.37	164	105858	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	290613	20.00	ng		0.00
75) Chrysene-d12	22.44	240	411445	20.00	ng		0.00
86) Perylene-d12	26.14	264	425170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	286158	121.37	ng		0.00
7) Phenol-d6	7.85	99	307387	103.52	ng		0.00
23) Nitrobenzene-d5	9.94	82	235125	97.71	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	254156	145.09	ng		0.00
44) 2-Fluorobiphenyl	14.00	172	775617	90.85	ng		0.00
78) Terphenyl-d14	20.64	244	1702082	91.34	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.08	79	4610	2.137	ng	#	33
19) n-Nitroso-di-n-propylamine	9.94	70	32445	17.611	ng	#	79
31) Naphthalene	11.68	128	153691	19.056	ng		99
32) Benzoic acid	10.90	122	55	5.283	ng	#	1
33) 4-Chloroaniline	11.68	127	21644	6.258	ng	#	35
37) 2-Methylnaphthalene	13.23	142	14455	2.258	ng		91
48) Acenaphthylene	15.10	152	24216	2.253	ng		98
50) 2,6-Dinitrotoluene	15.38	165	13985	7.273	ng	#	20
56) 2,4-Dinitrotoluene	15.38	165	13985	5.402	ng	#	18
57) Fluorene	16.41	166	34055	3.916	ng		94
64) 4,6-Dinitro-2-methylphenol	16.85	198	789	5.265	ng	#	70
66) 4-Bromophenyl-phenylether	16.85	248	21066	5.095	ng	#	1
70) Phenanthrene	18.15	178	109422	6.763	ng		98
76) Benzidine	20.27	184	25754	2.503	ng		96

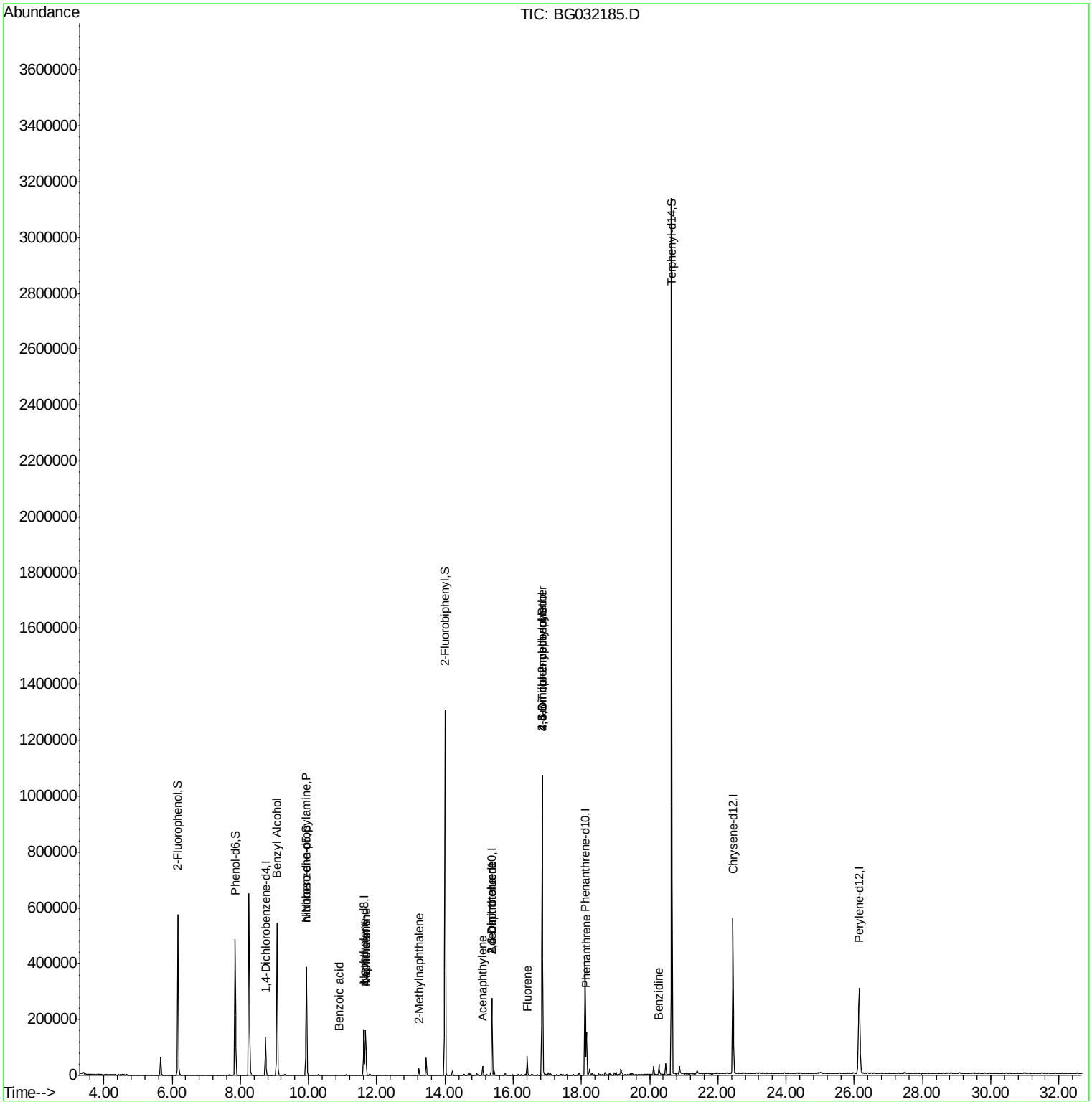
(#) = qualifier out of range (m) = manual integration (+) = signals summed

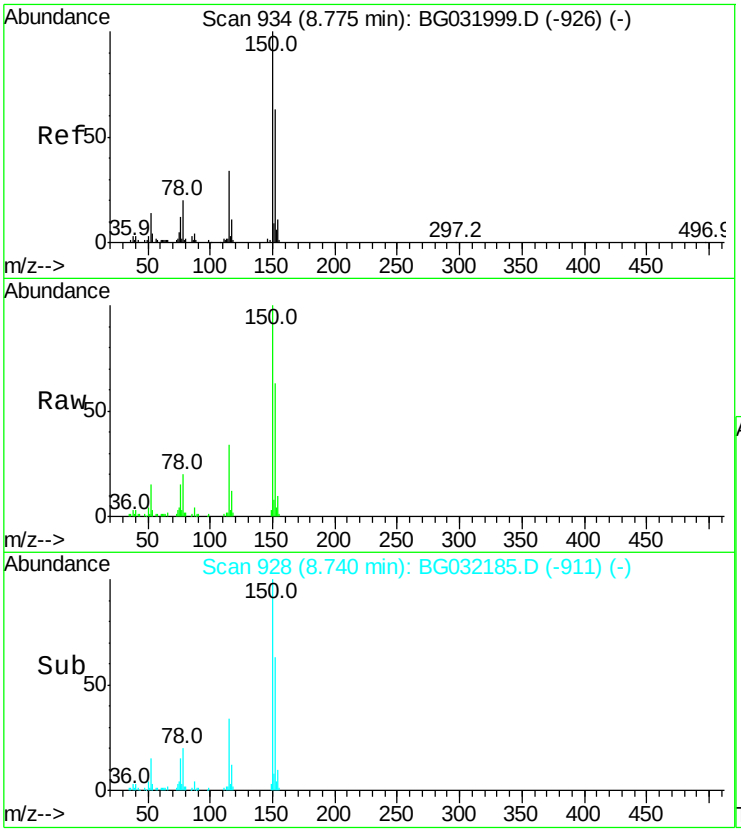
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032185.D
Acq On : 20 Jan 2018 18:42
Operator : SJ/JU
Sample : J1186-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 22 02:03:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration



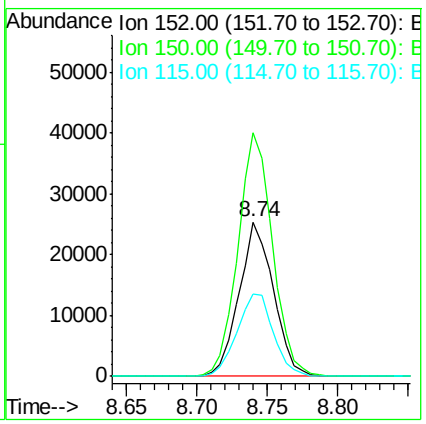


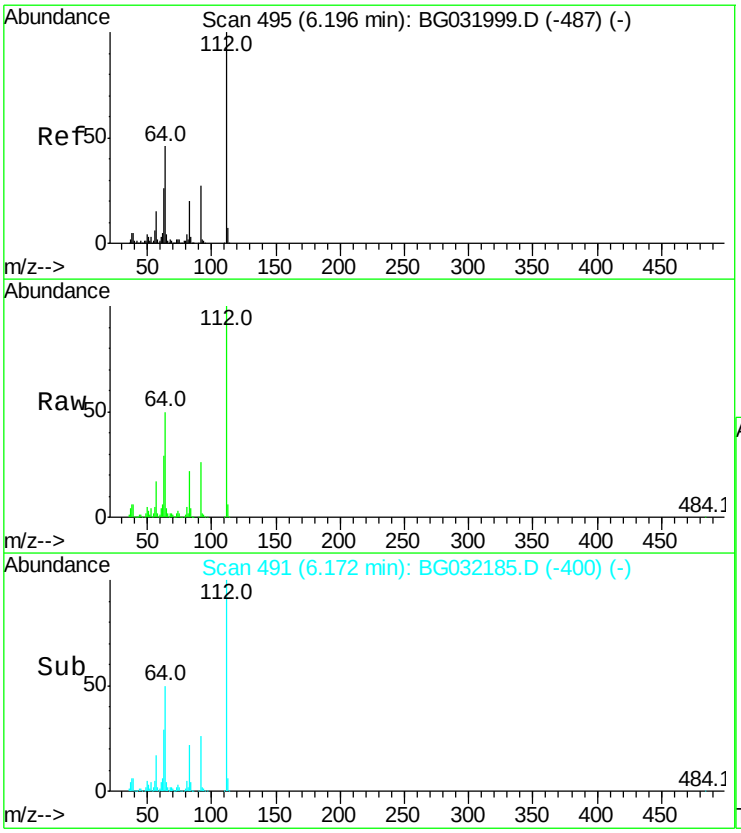
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43120

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	53.7	53.0	79.4

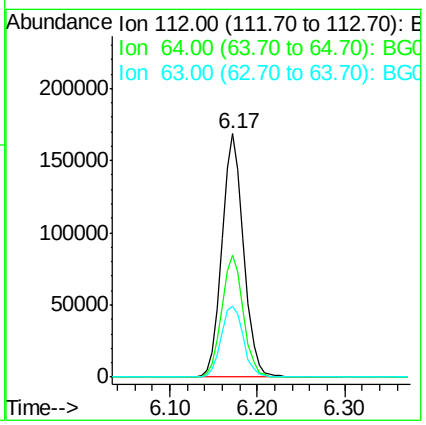


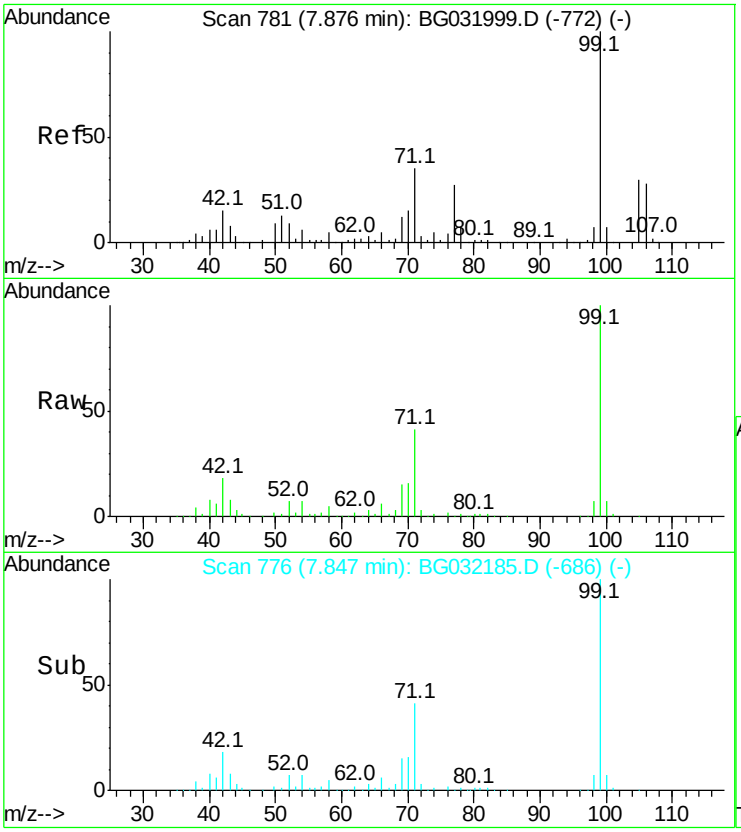


#5
2-Fluorophenol
Concen: 121.374 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:112 Resp: 286158

Ion	Ratio	Lower	Upper
112	100		
64	49.9	56.3	84.5#
63	29.2	30.1	45.1#



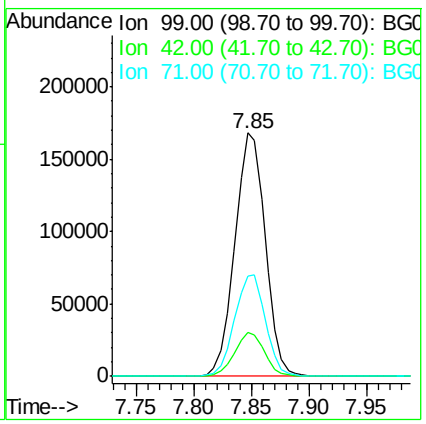


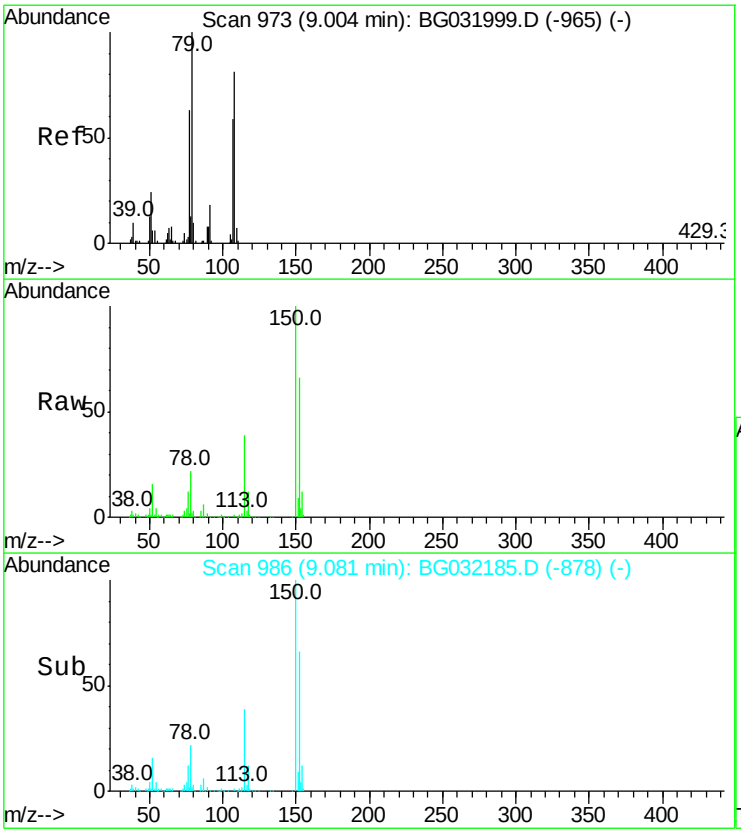
#7
Phenol-d6
Concen: 103.521 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 307387

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	41.2	26.1	39.1#

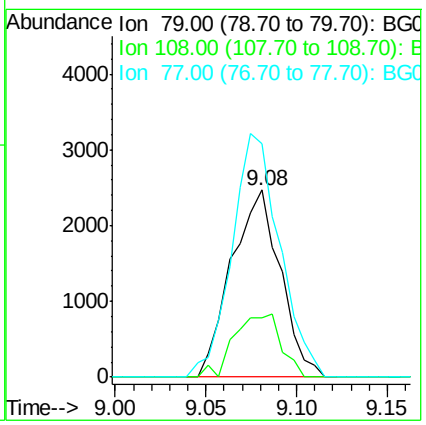


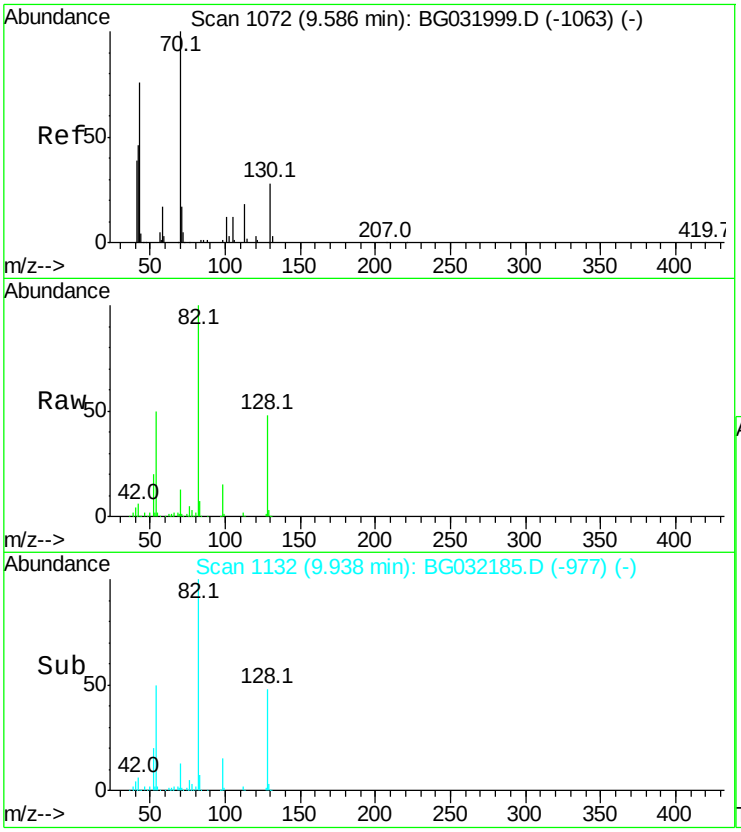


#15
Benzyl Alcohol
Concen: 2.137 ng
RT: 9.08 min Scan# 986
Delta R.T. 0.10 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion: 79 Resp: 4610

Ion	Ratio	Lower	Upper
79	100		
108	31.8	57.2	85.8#
77	125.2	46.1	69.1#



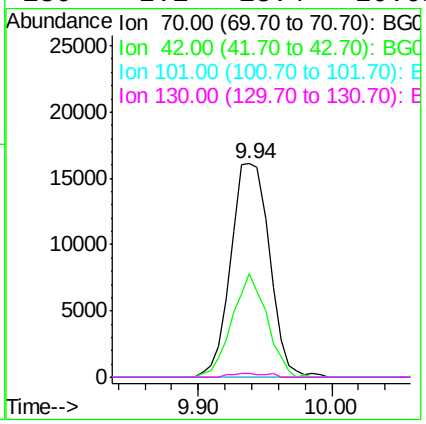


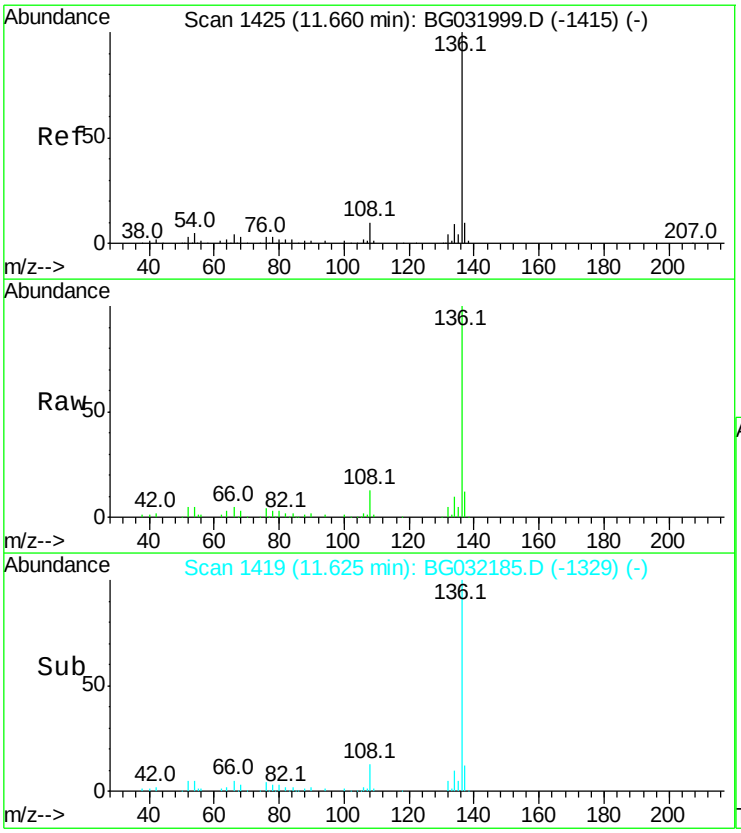
#19
n-Nitroso-di-n-propylamine
Concen: 17.611 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 32445

Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

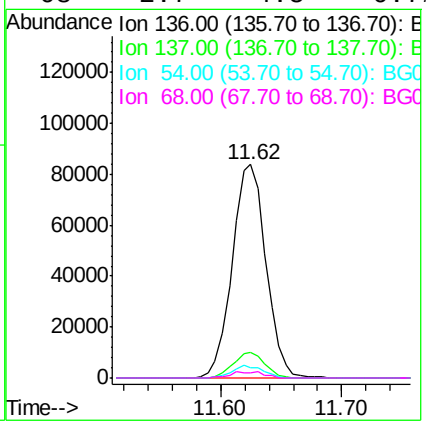


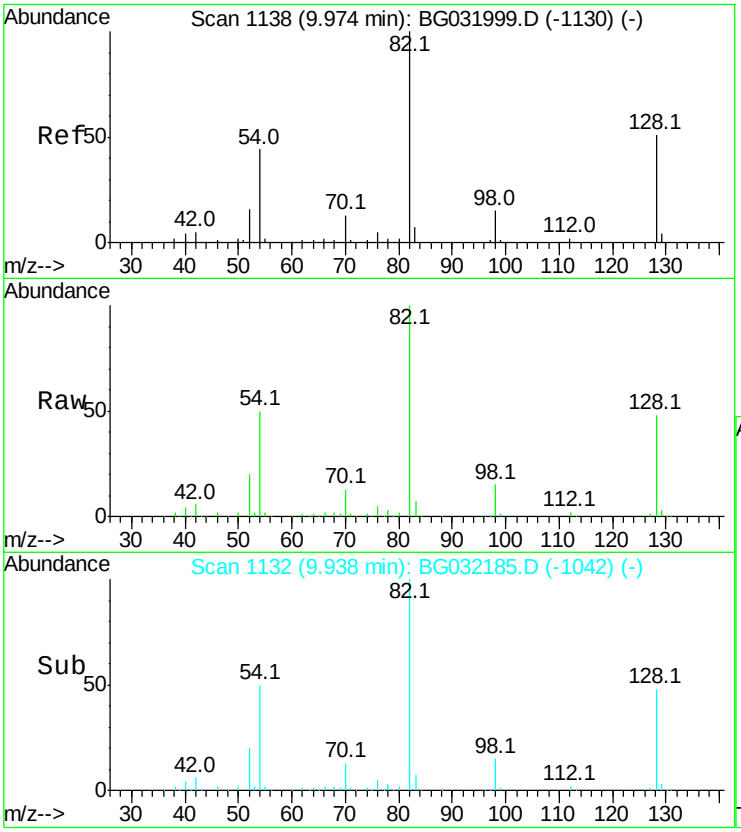


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:136 Resp: 162808

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	5.1	10.3	15.5#
68	2.7	4.5	6.7#



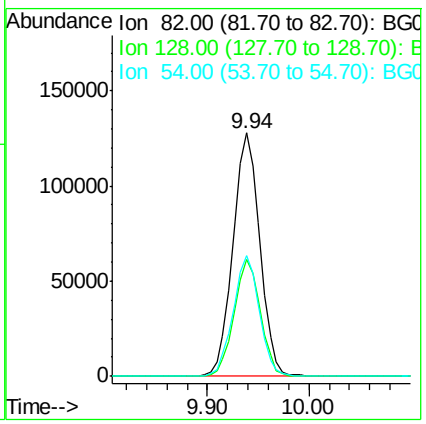


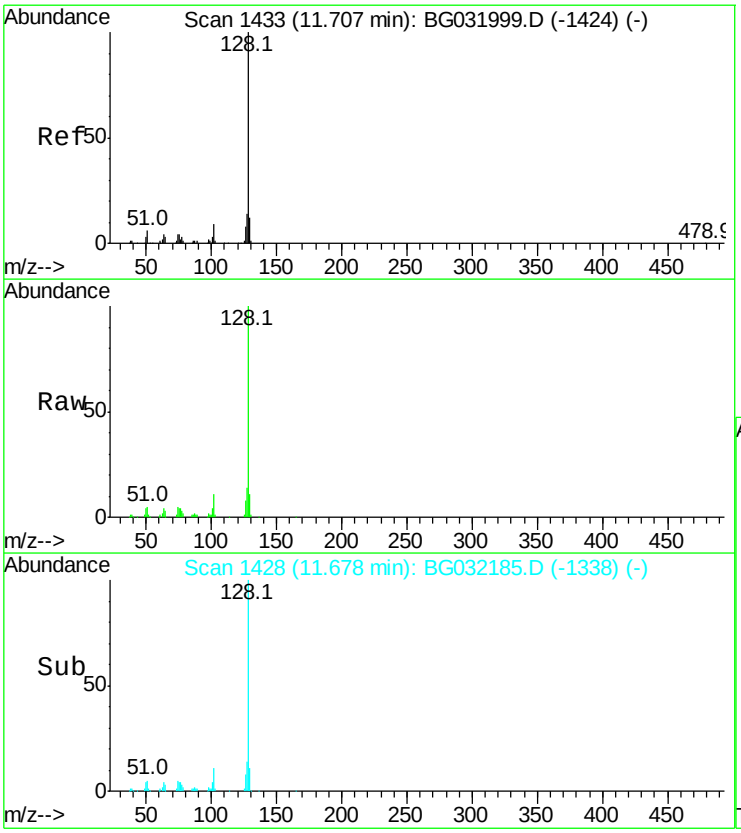
#23
Nitrobenzene-d5
Concen: 97.705 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 235125

Ion	Ratio	Lower	Upper
82	100		
128	48.0	29.7	44.5#
54	49.5	43.1	64.7

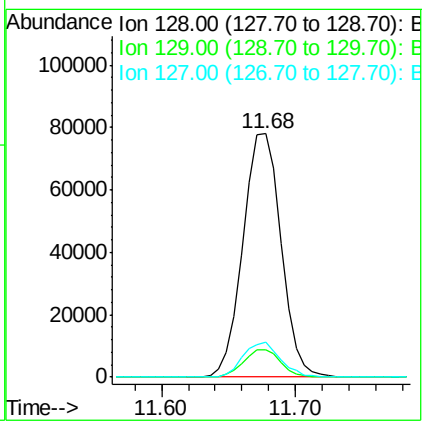


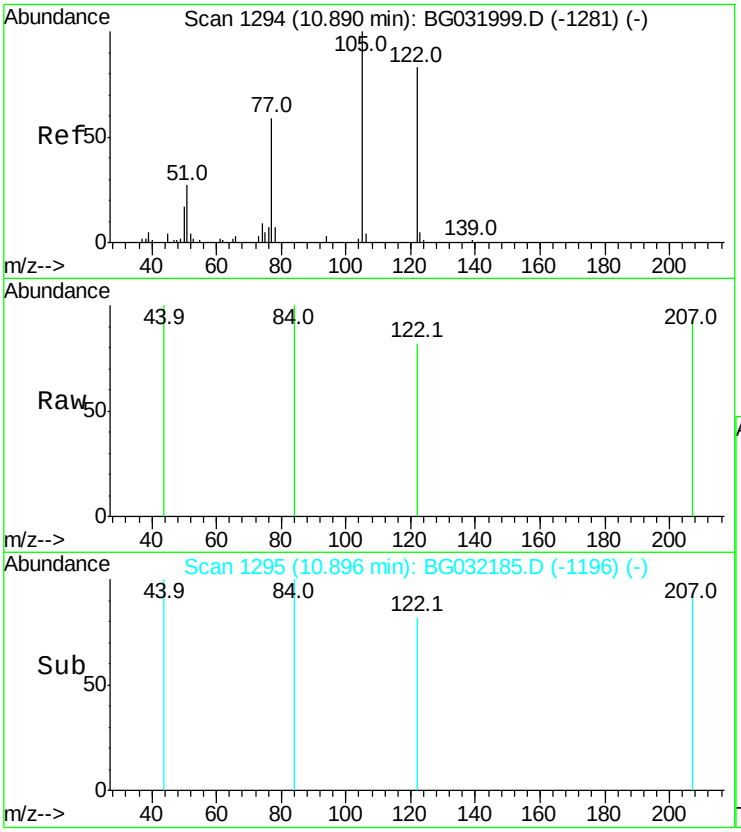


#31
Naphthalene
Concen: 19.056 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:128 Resp: 153691

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.5	11.6	17.4



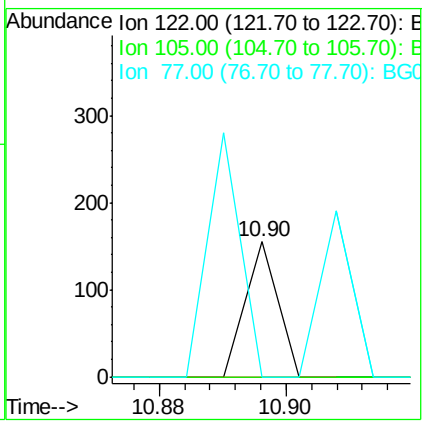


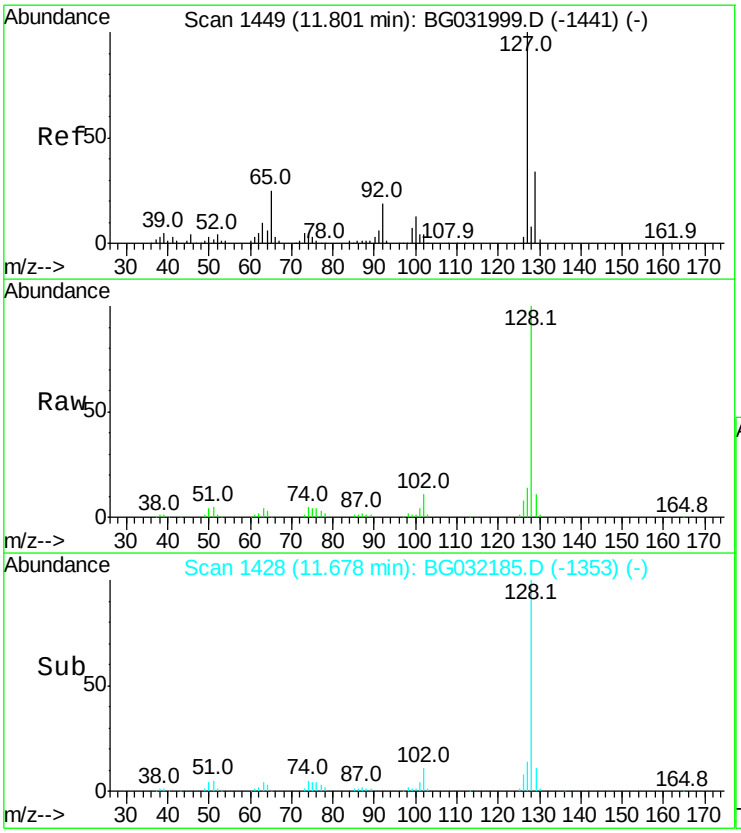
#32
Benzoic acid
Concen: 5.283 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.05 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

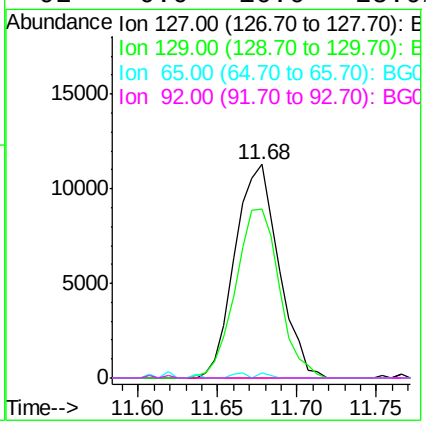


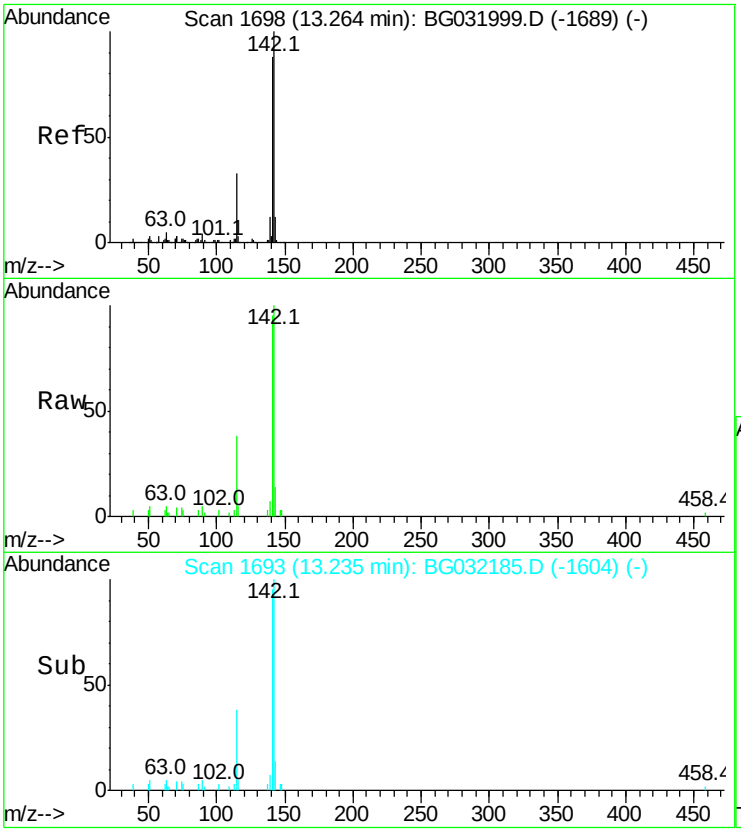


#33
4-Chloroaniline
Concen: 6.258 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.09 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:127 Resp: 21644

Ion	Ratio	Lower	Upper
127	100		
129	79.0	24.0	36.0#
65	2.1	27.0	40.4#
92	0.0	16.6	25.0#



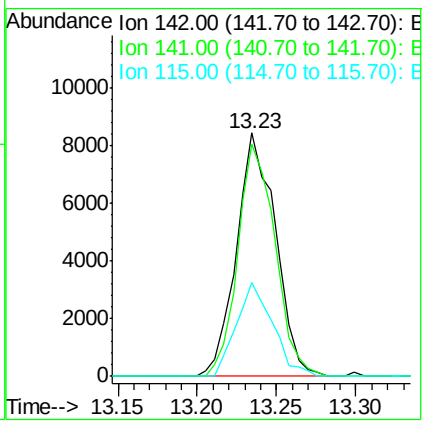


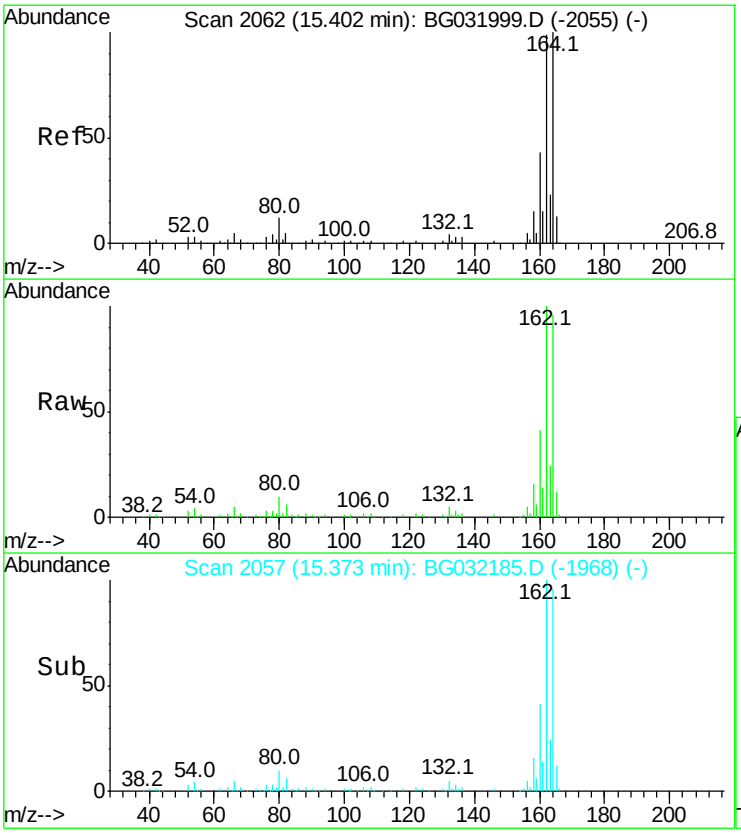
#37
2-Methylnaphthalene
Concen: 2.258 ng
RT: 13.23 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 14455

Ion	Ratio	Lower	Upper
142	100		
141	95.3	67.1	100.7
115	38.4	30.7	46.1

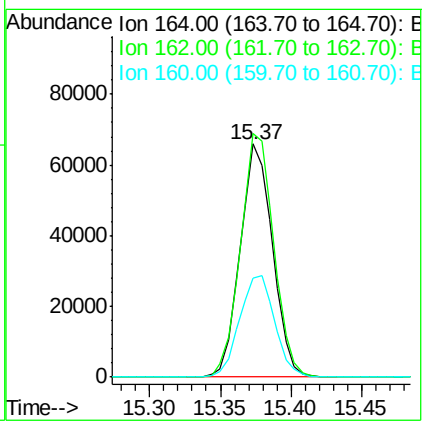


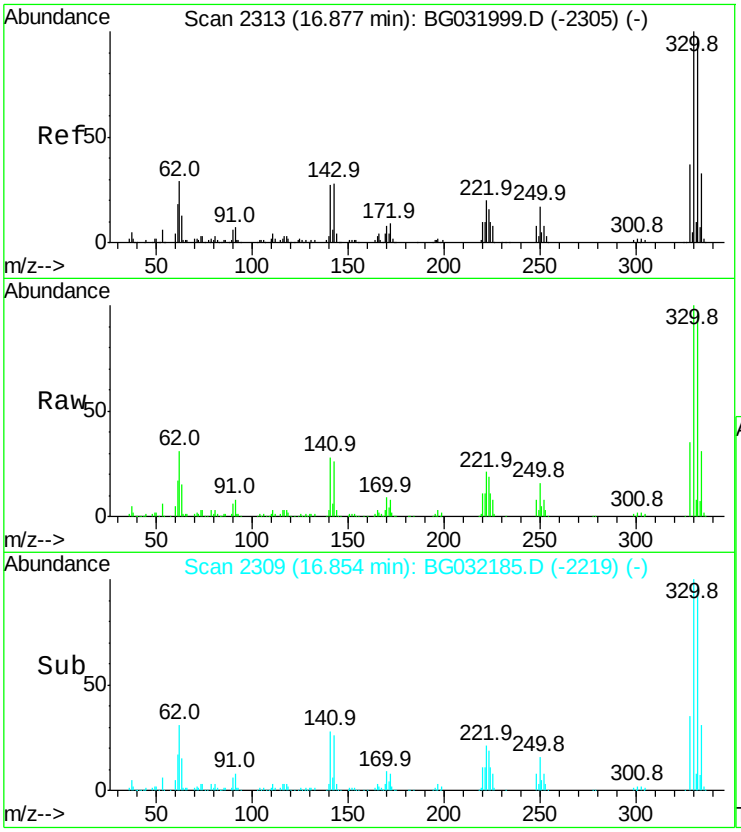


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:164 Resp: 105858

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	42.7	35.4	53.0



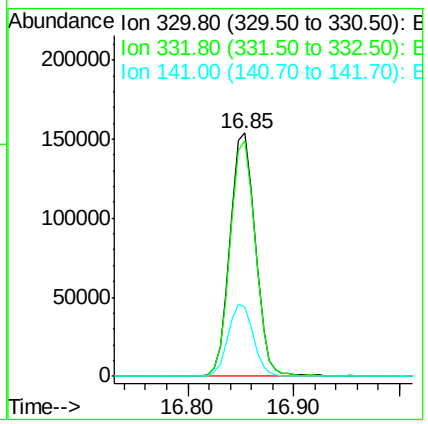


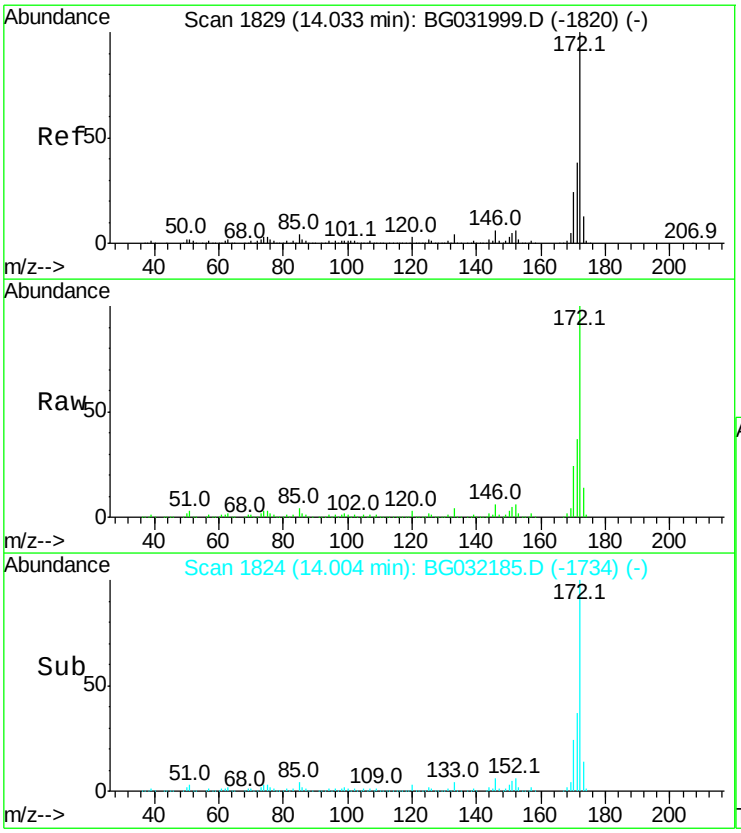
#41
2,4,6-Tribromophenol
Concen: 145.091 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 254156

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.5	25.2	37.8

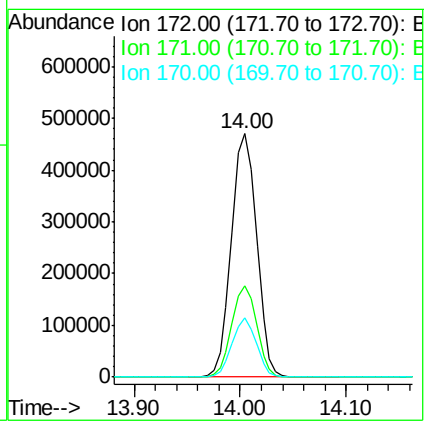


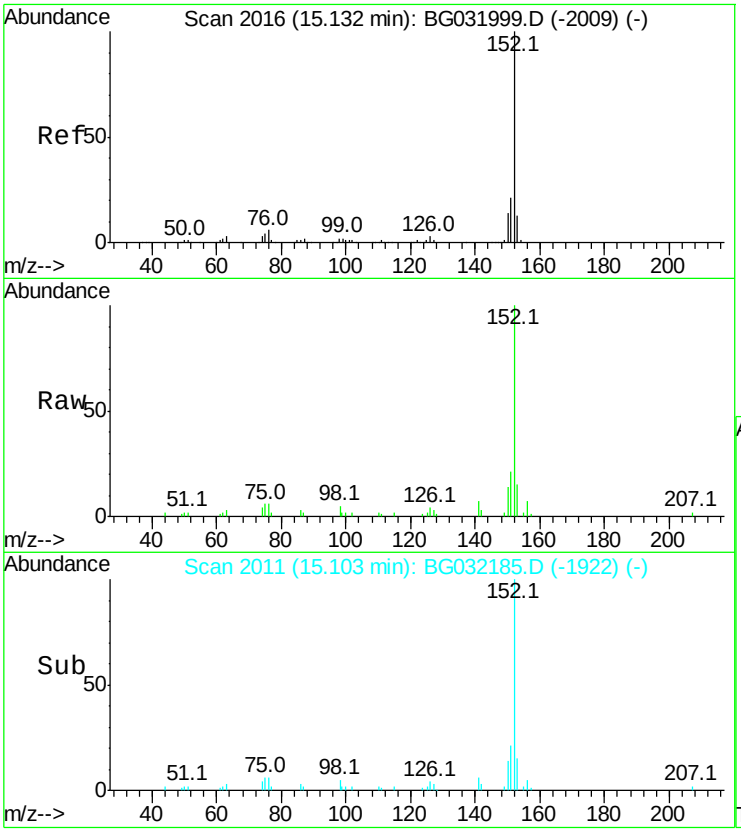


#44
2-Fluorobiphenyl
Concen: 90.851 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:172 Resp: 775617

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3



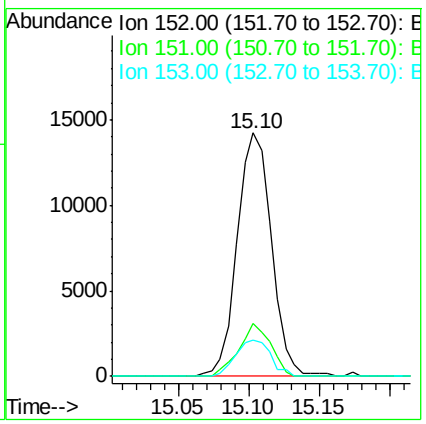


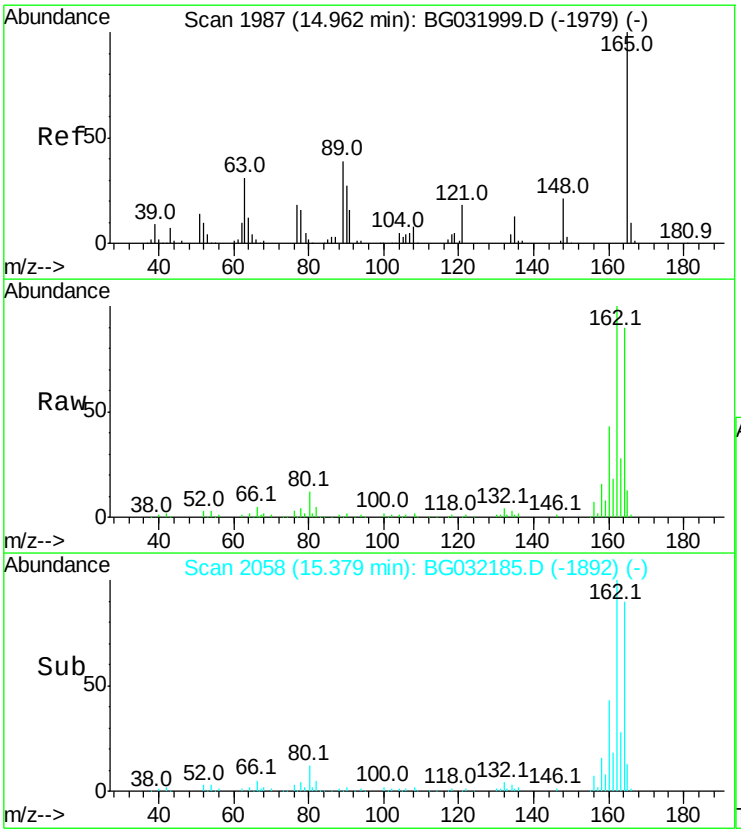
#48
Acenaphthylene
Concen: 2.253 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24216

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	15.0	10.2	15.4

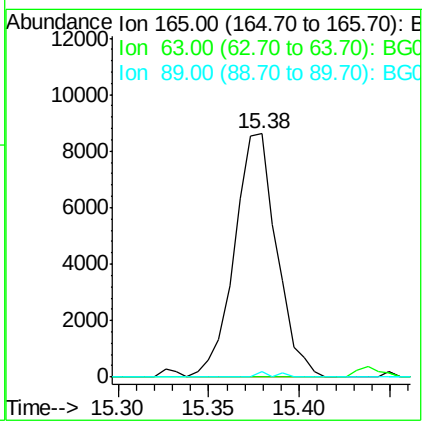


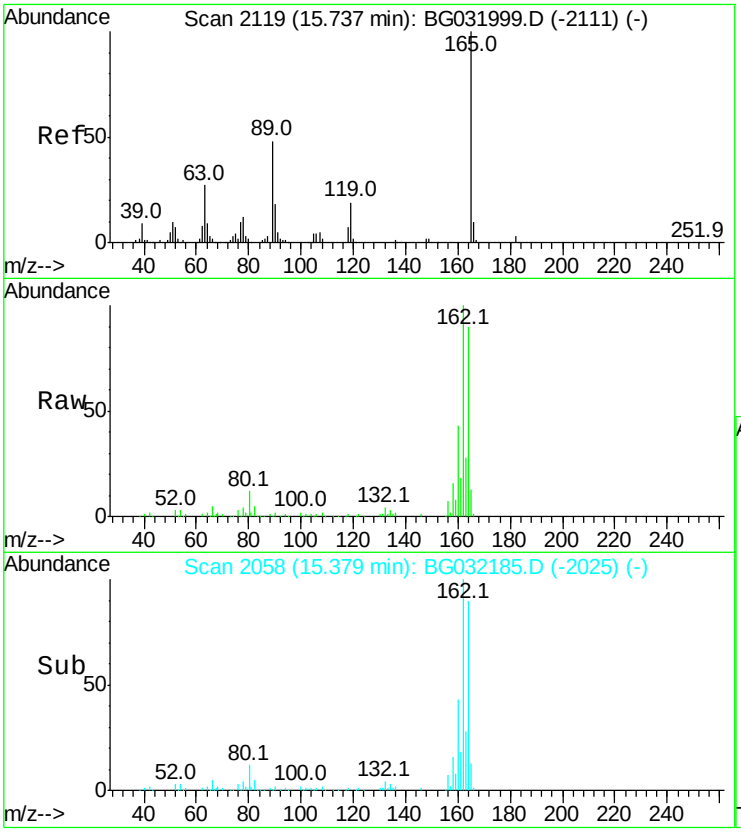


#50
2,6-Dinitrotoluene
Concen: 7.273 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.44 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:165 Resp: 13985

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.4	49.2	73.8#



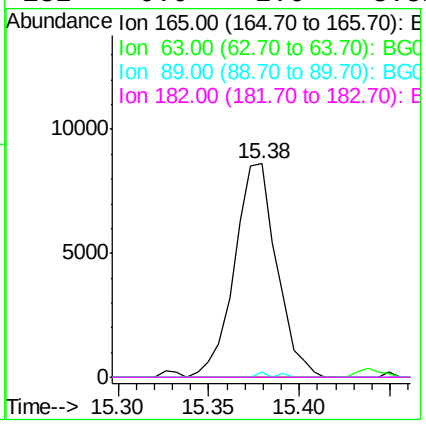


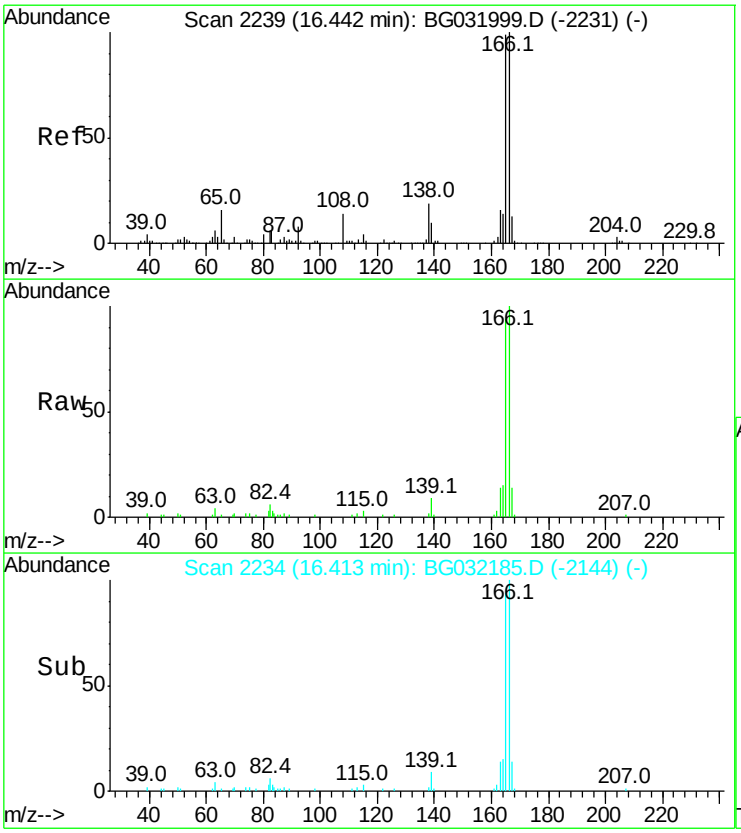
#56
2,4-Dinitrotoluene
Concen: 5.402 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.34 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13985

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#

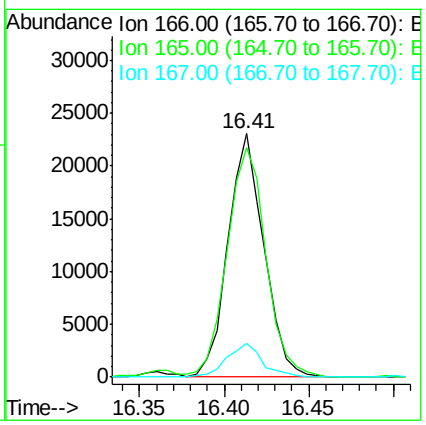


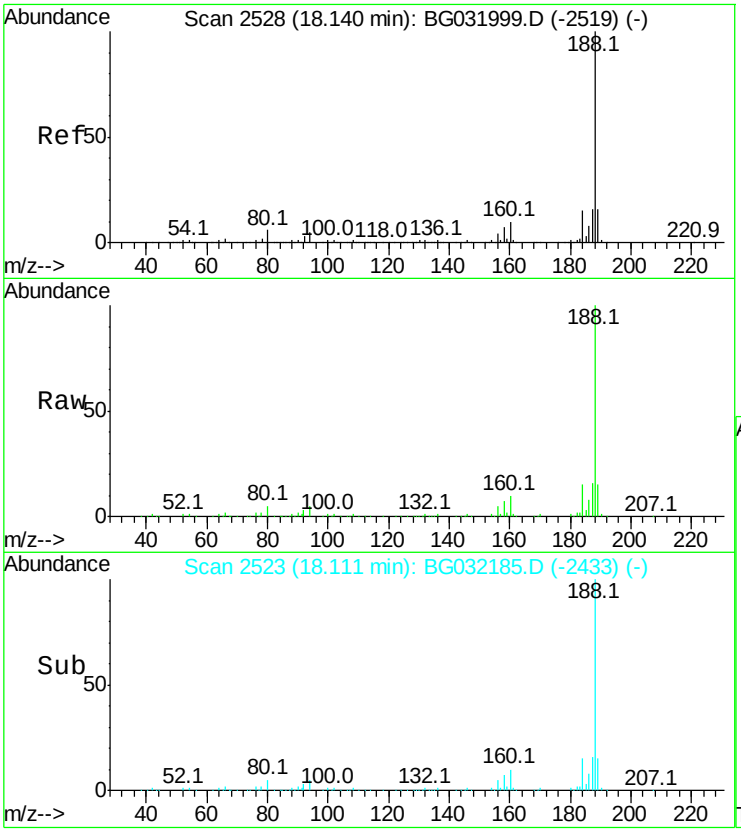


#57
Fluorene
Concen: 3.916 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:166 Resp: 34055

Ion	Ratio	Lower	Upper
166	100		
165	94.5	80.6	121.0
167	13.7	10.4	15.6



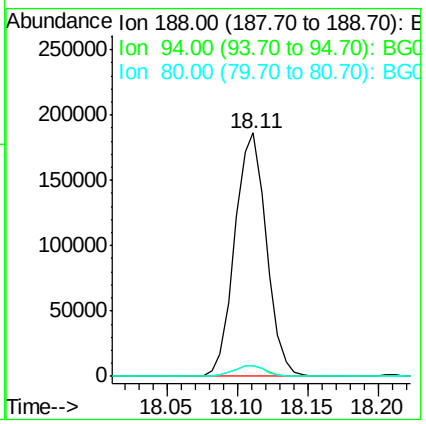


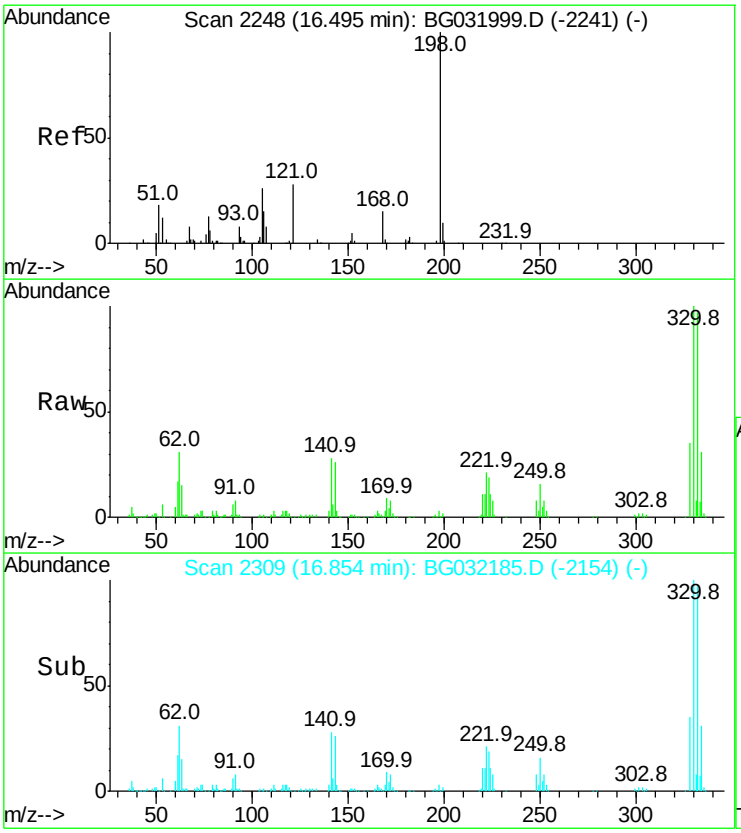
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 290613

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.6	7.7	11.5#

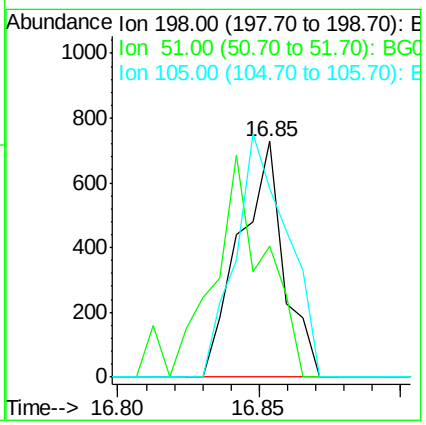


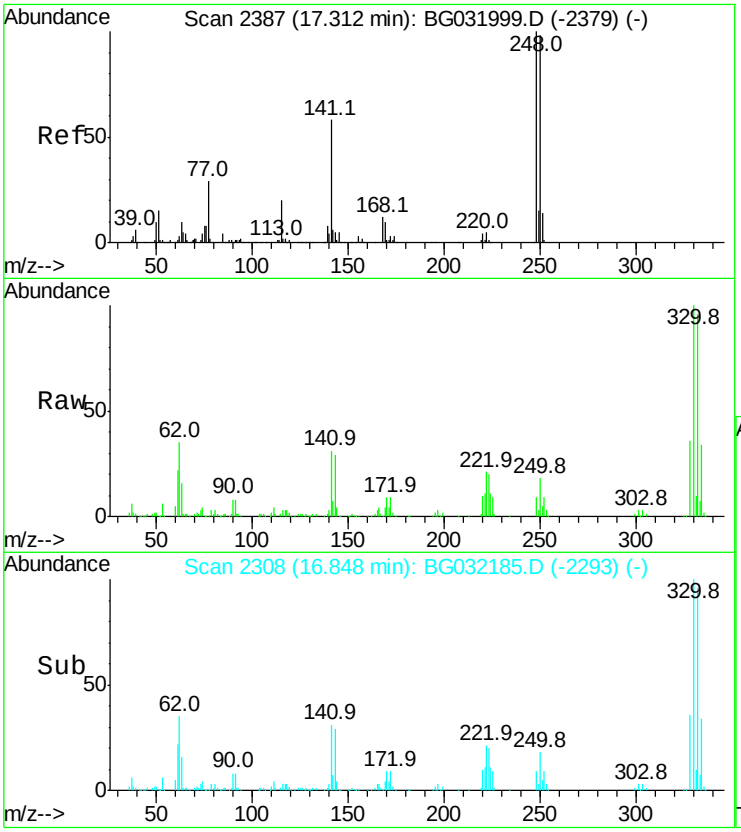


#64
4,6-Dinitro-2-methylphenol
Concen: 5.265 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:198 Resp: 789

Ion	Ratio	Lower	Upper
198	100		
51	55.4	30.6	70.6
105	79.9	23.8	63.8#



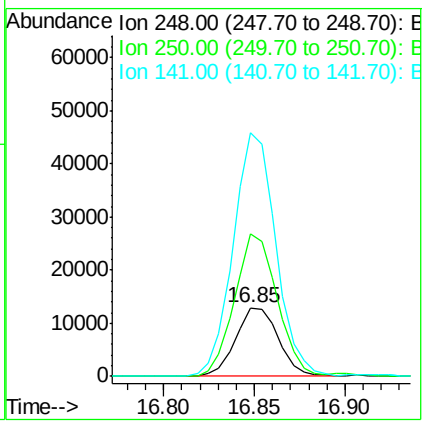


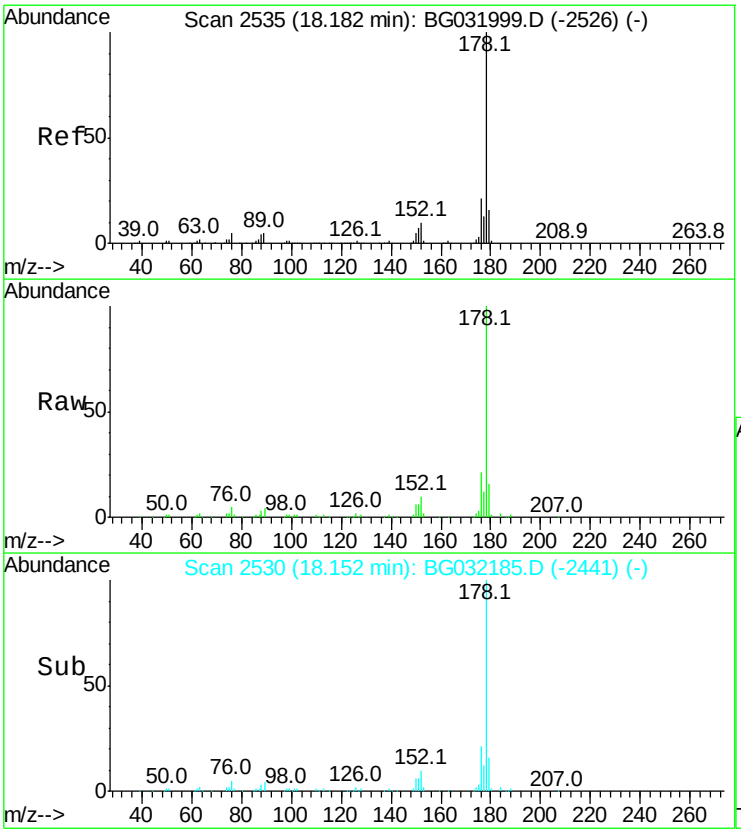
#66
4-Bromophenyl-phenylether
Concen: 5.095 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21066

Ion	Ratio	Lower	Upper
248	100		
250	208.2	77.1	115.7#
141	356.9	50.8	76.2#

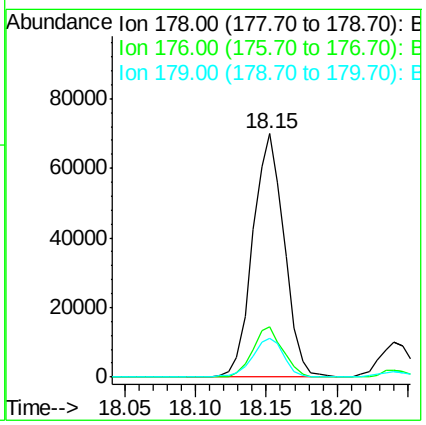


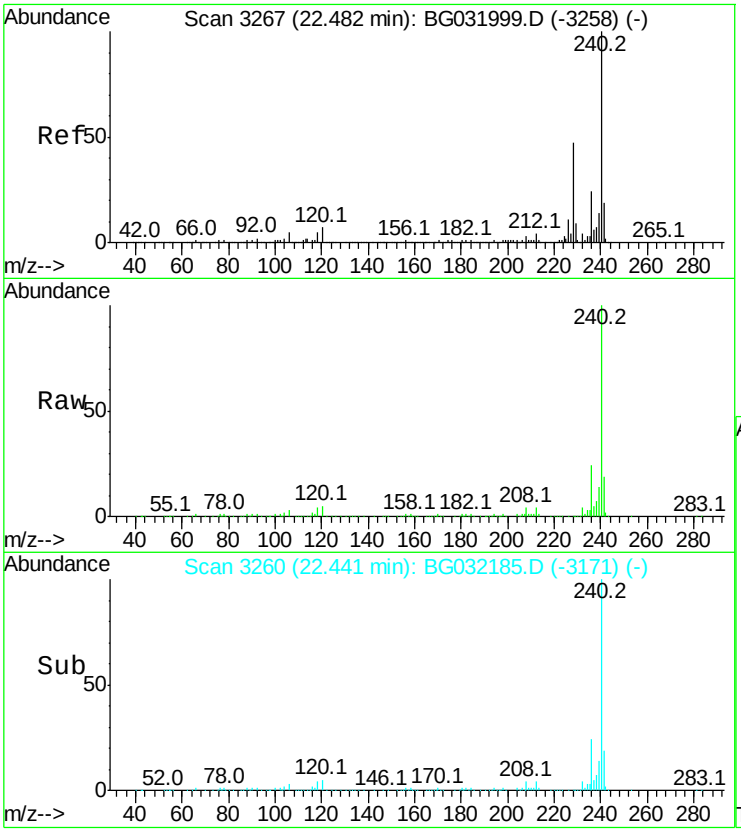


#70
Phenanthrene
Concen: 6.763 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:178 Resp: 109422

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	15.8	12.5	18.7



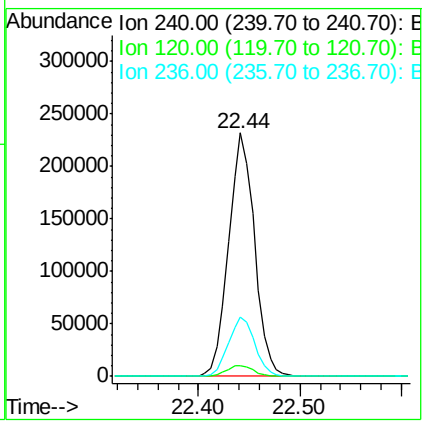


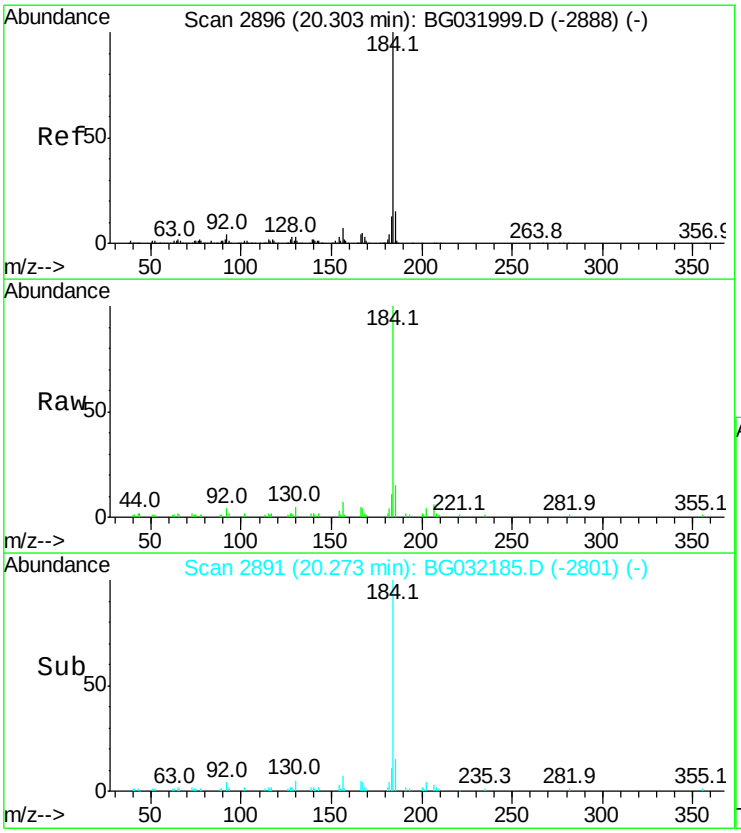
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 411445

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.5	20.9	31.3

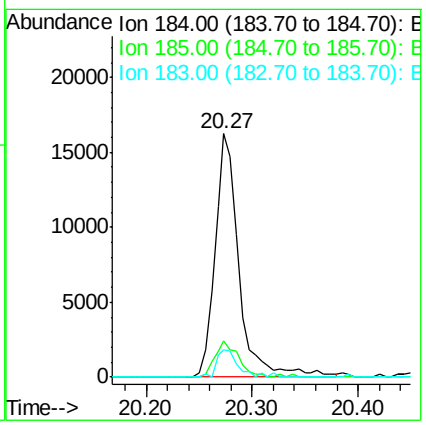


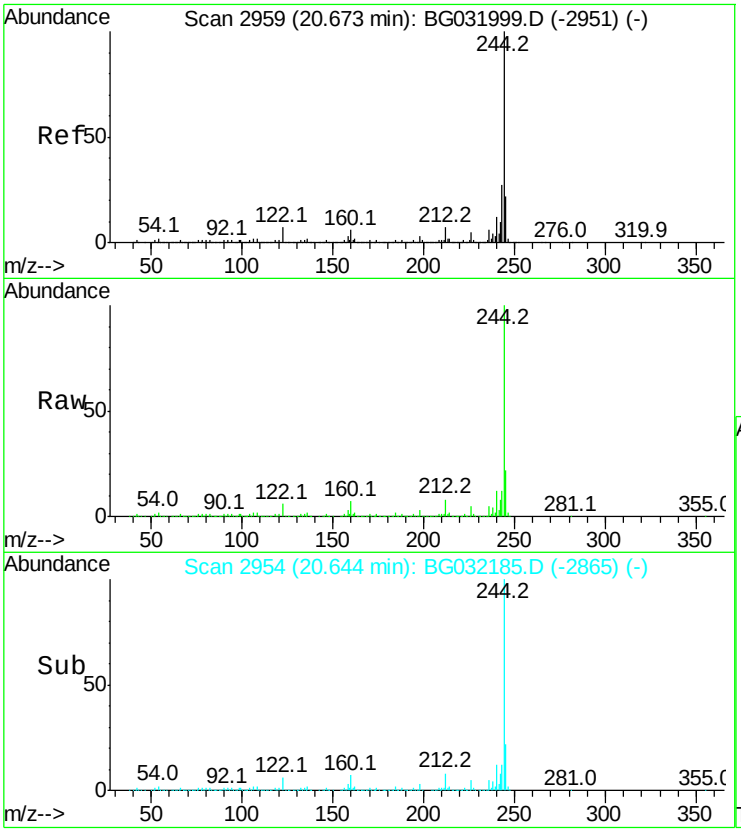


#76
Benzidine
Concen: 2.503 ng
RT: 20.27 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:184 Resp: 25754

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	11.4	10.6	16.0



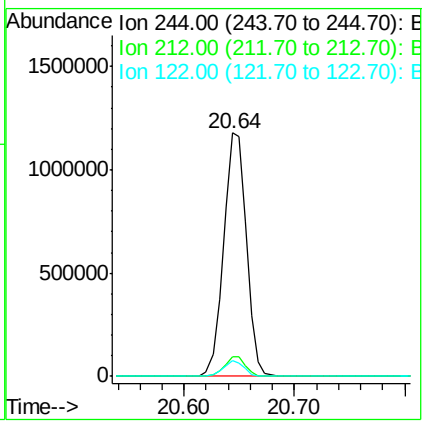


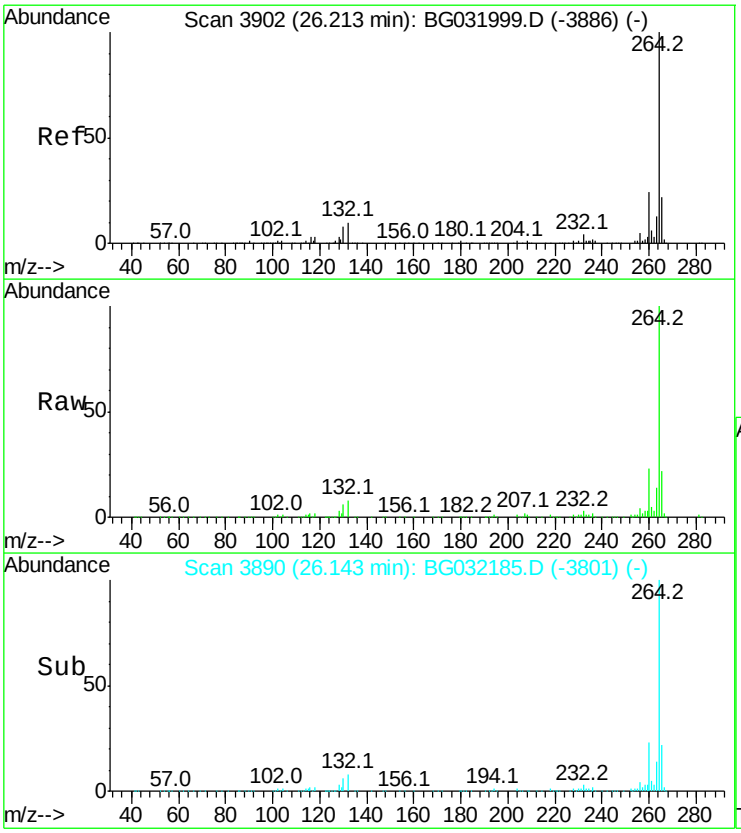
#78
Terphenyl-d14
Concen: 91.343 ng
RT: 20.64 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1702082

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:264 Resp: 425170

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.7	17.7	26.5