Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032707.D
Acq On : 15 Feb 2018 9:01
Operator : SJ/JU
Sample : J1541-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 15 11:07:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	25202	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	114418	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	82082	20.00	ng	-0.02
63) Phenanthrene-d10	18.02	188	200211	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	295279	20.00	ng	-0.02
86) Perylene-d12	25.99	264	339120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	184434	146.83	ng	0.00
7) Phenol-d6	7.78	99	193129	112.44	ng	-0.01
23) Nitrobenzene-d5	9.85	82	166274	92.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	229599	181.66	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	586558	89.36	ng	-0.01
78) Terphenyl-d14	20.58	244	1218011	94.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	2078	3.955	ng	# 1
15) Benzyl Alcohol	8.99	79	2732	2.122	ng	# 22
19) n-Nitroso-di-n-propylamine	9.86	70	24436	21.162	ng	# 73
50) 2,6-Dinitrotoluene	15.29	165	10902	7.461	ng	# 18
55) 4-Nitrophenol	15.52	139	56	5.540	ng	# 1
56) 2,4-Dinitrotoluene	15.29	165	10902	5.415	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.78	198	634	5.413	ng	# 63
66) 4-Bromophenyl-phenylether	16.77	248	19328	6.746	ng	# 1
76) Benzidine	20.57	184	17452	2.510	ng	# 91

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

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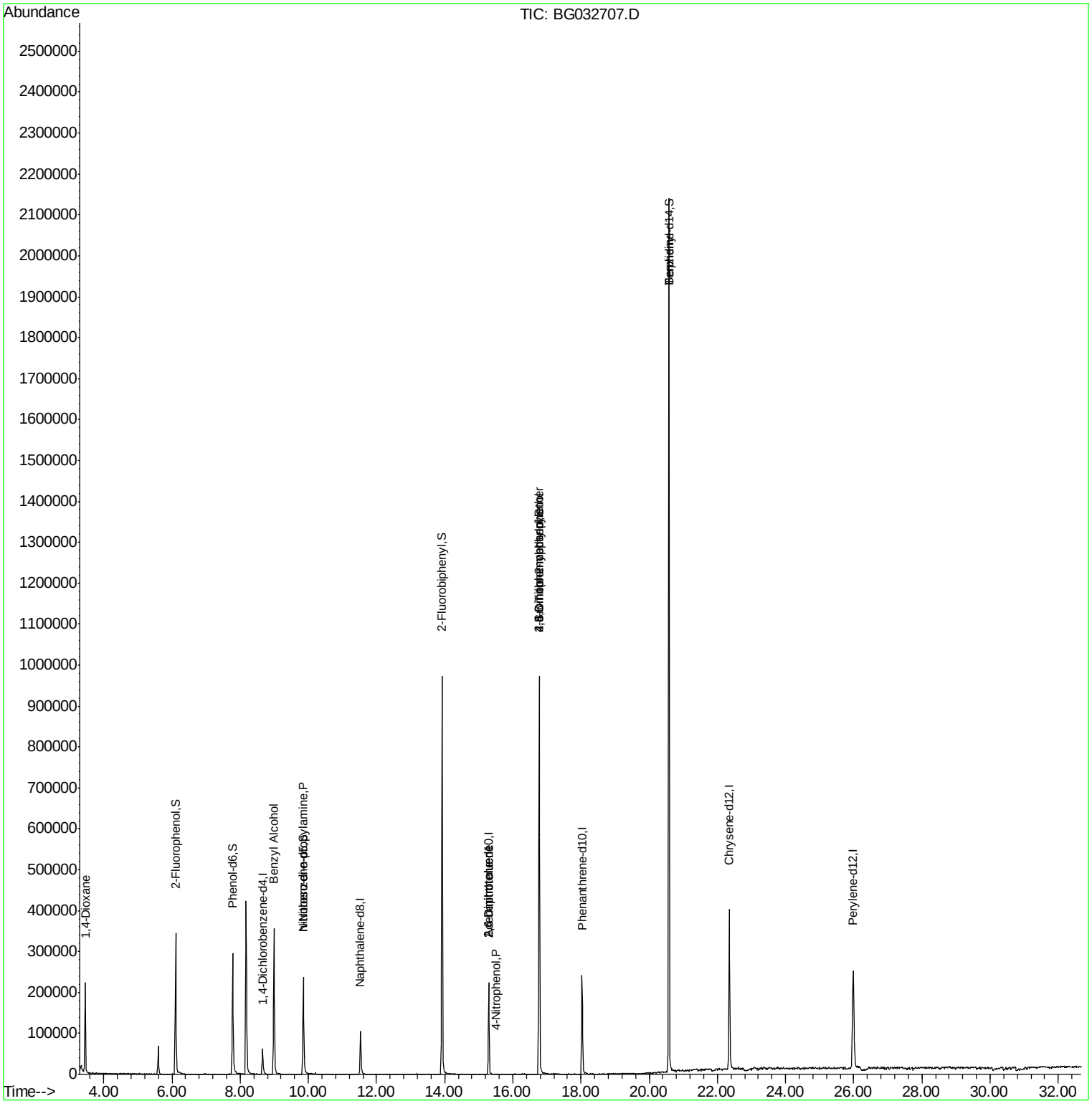
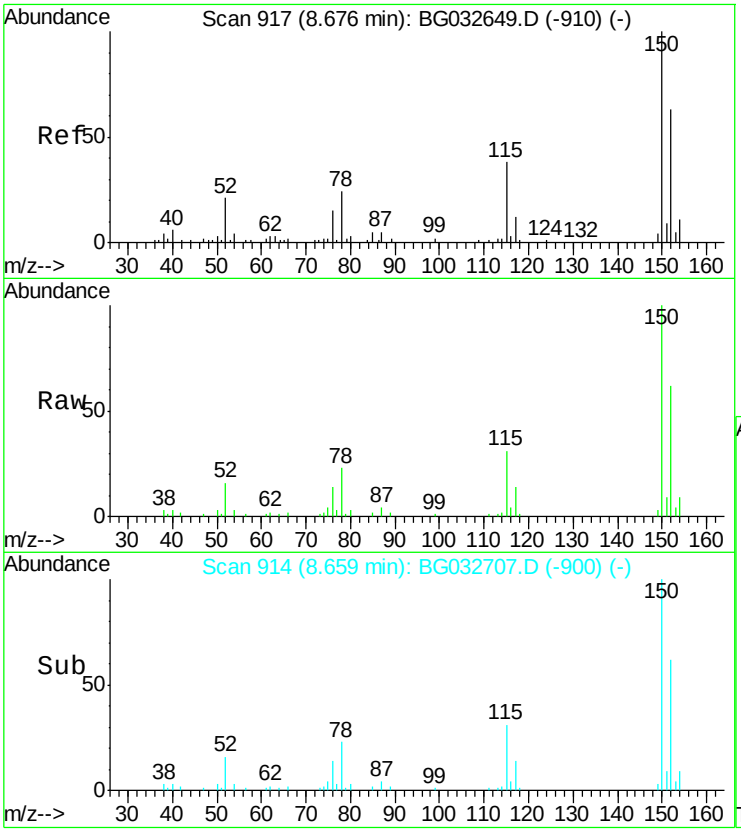


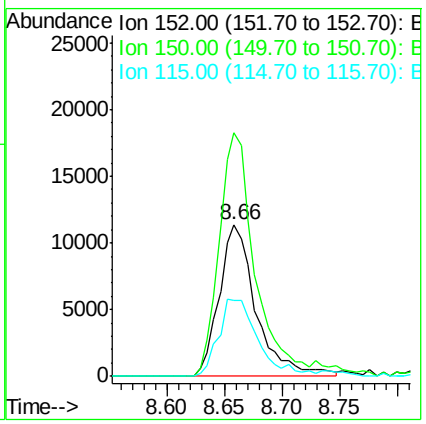


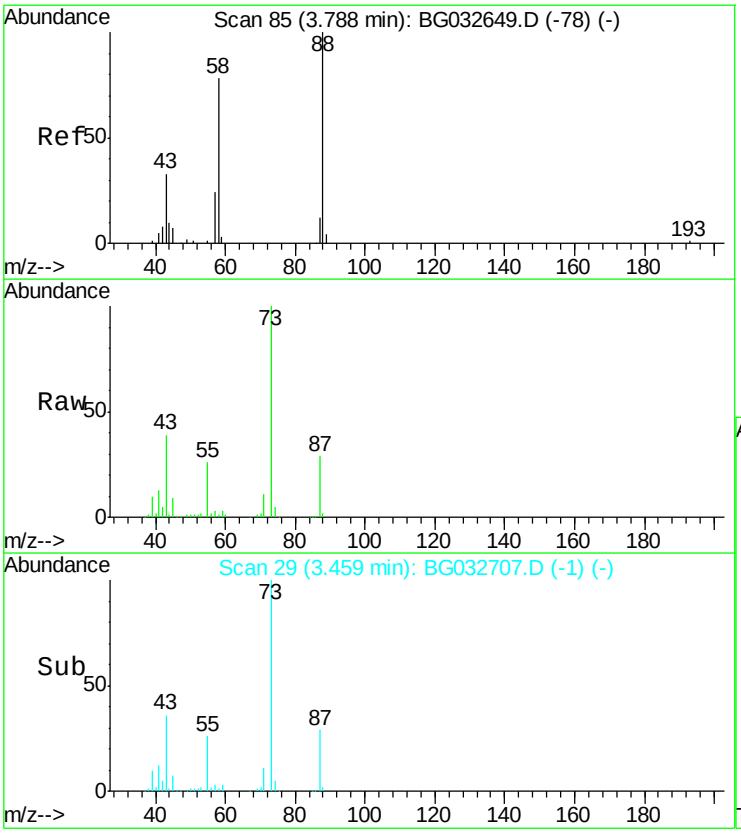
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25202

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	50.3	53.0	79.4#

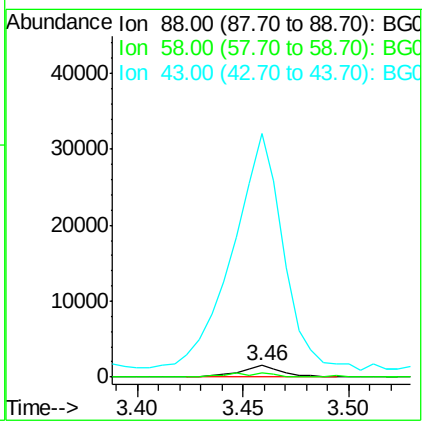


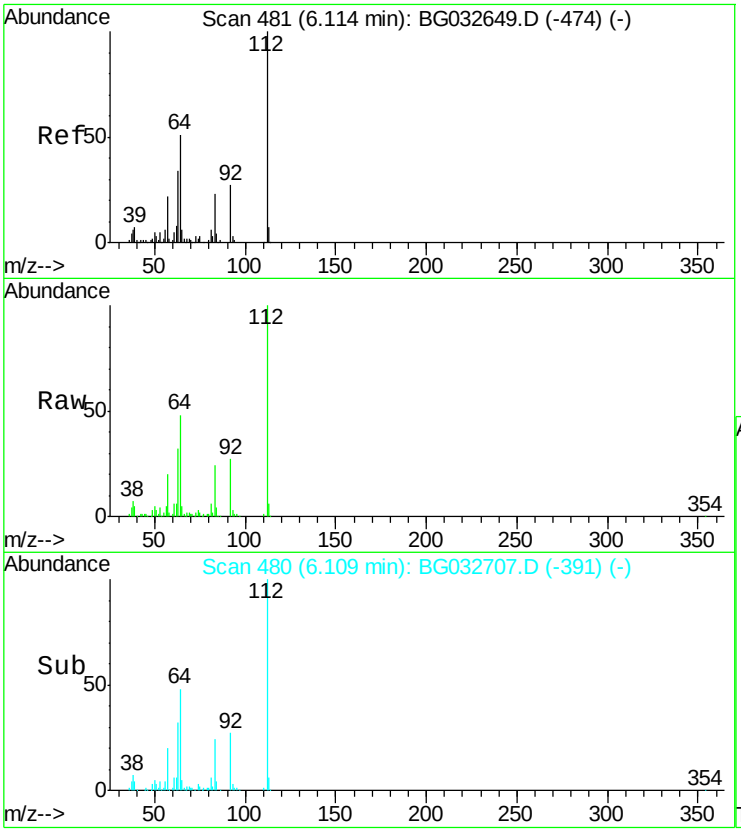


#2
1,4-Dioxane
Concen: 3.955 ng
RT: 3.46 min Scan# 29
Delta R.T. -0.33 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion: 88 Resp: 2078

Ion	Ratio	Lower	Upper
88	100		
58	37.7	79.6	119.4#
43	2517.0	27.4	41.0#



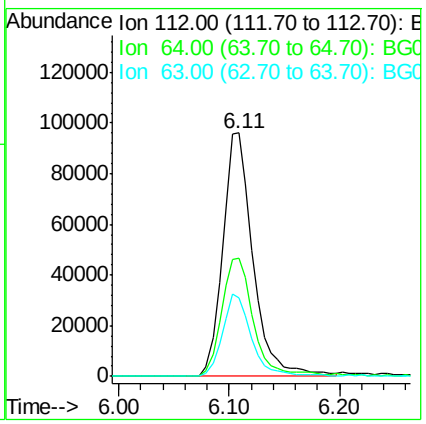


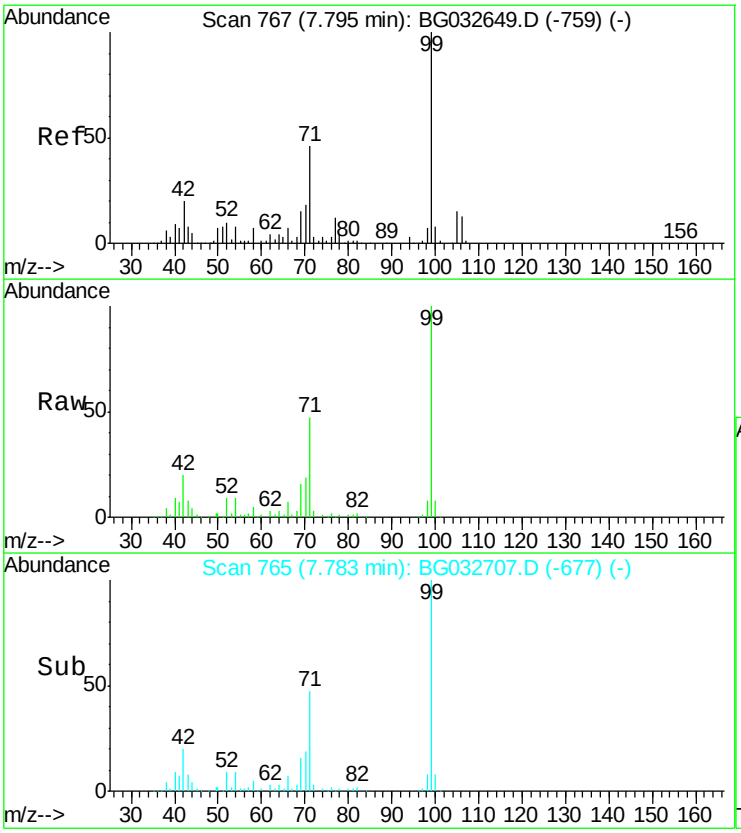
#5
2-Fluorophenol
Concen: 146.829 ng
RT: 6.11 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 184434

Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	32.2	30.1	45.1

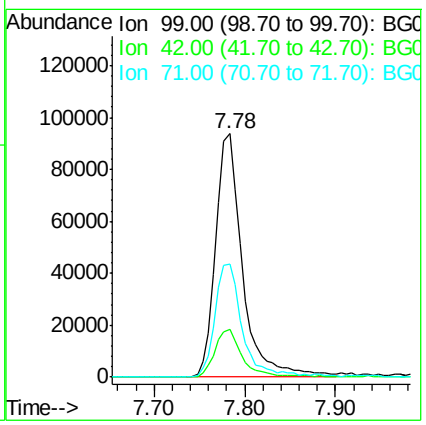


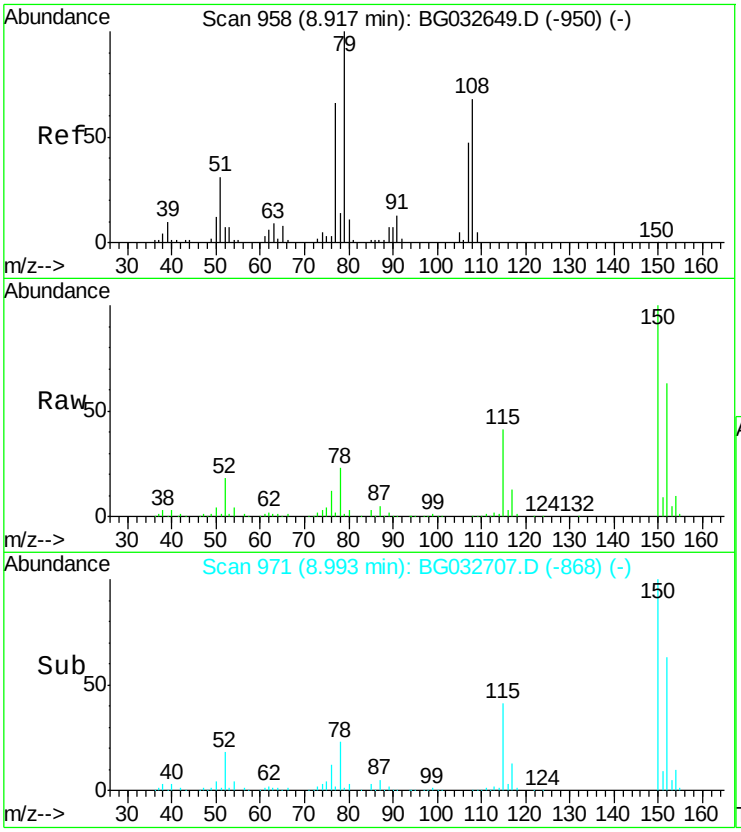


#7
Phenol-d6
Concen: 112.441 ng
RT: 7.78 min Scan# 765
Delta R.T. -0.01 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion: 99 Resp: 193129

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.1	21.1
71	46.5	26.1	39.1#



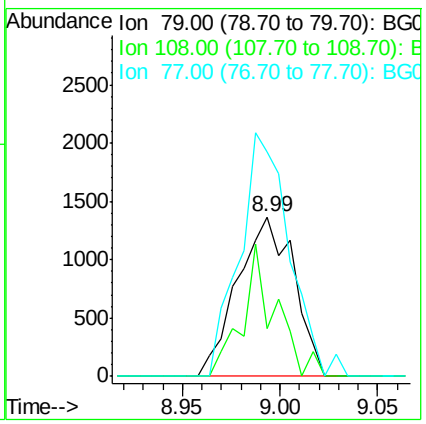


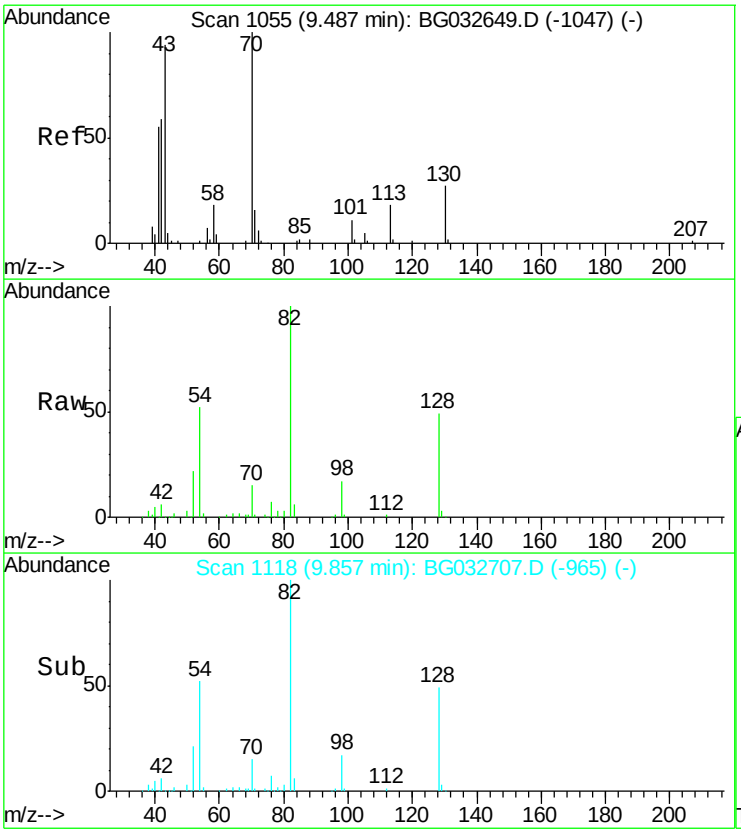
#15
Benzyl Alcohol
Concen: 2.122 ng
RT: 8.99 min Scan# 971
Delta R.T. 0.08 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2732

Ion	Ratio	Lower	Upper
79	100		
108	29.9	57.2	85.8#
77	140.5	46.1	69.1#

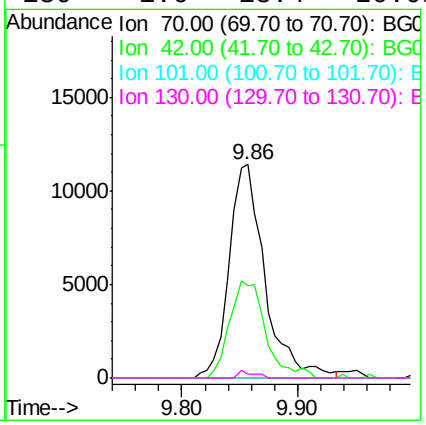


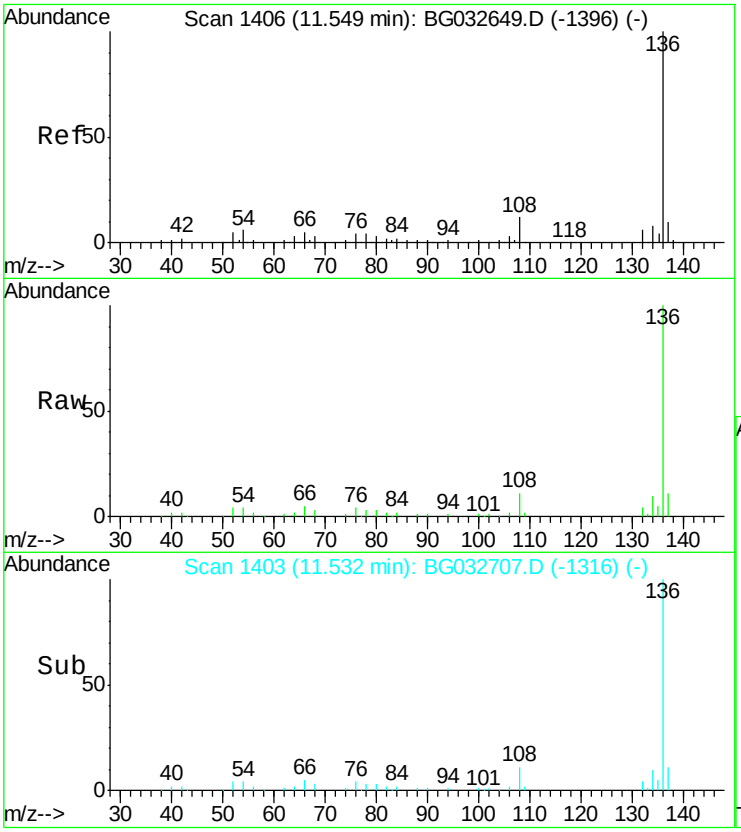


#19
n-Nitroso-di-n-propylamine
Concen: 21.162 ng
RT: 9.86 min Scan# 1118
Delta R.T. 0.37 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion: 70 Resp: 24436

Ion	Ratio	Lower	Upper
70	100		
42	43.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



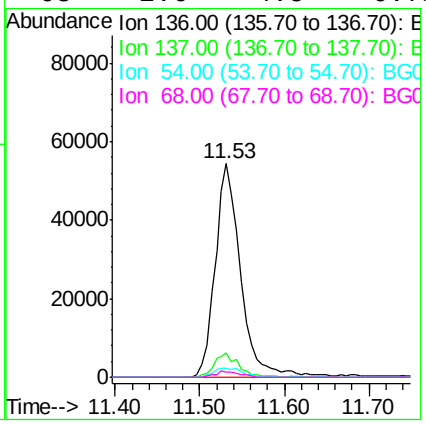


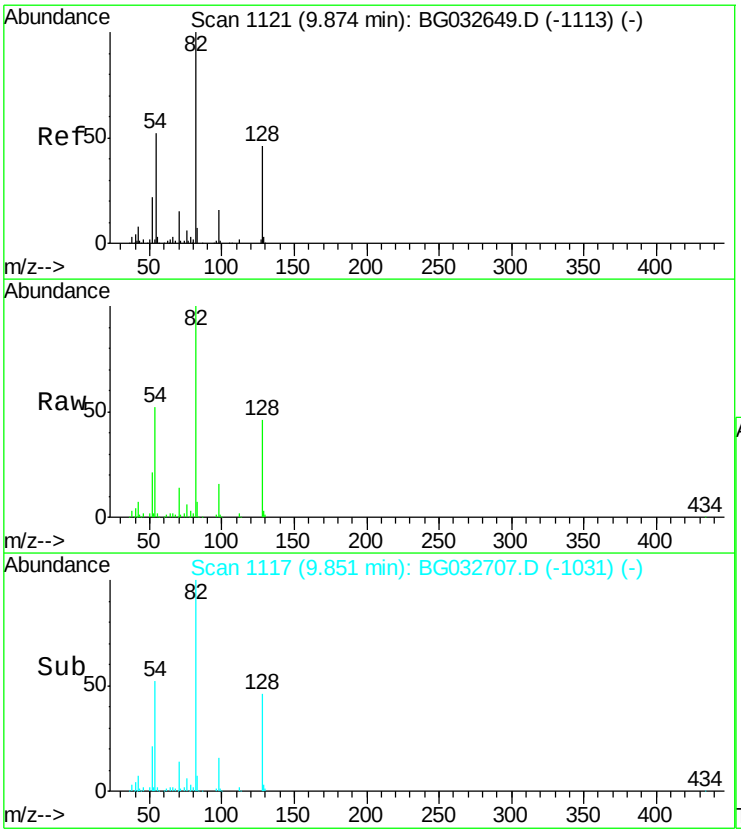
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 114418

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.2	10.3	15.5#
68	2.6	4.5	6.7#

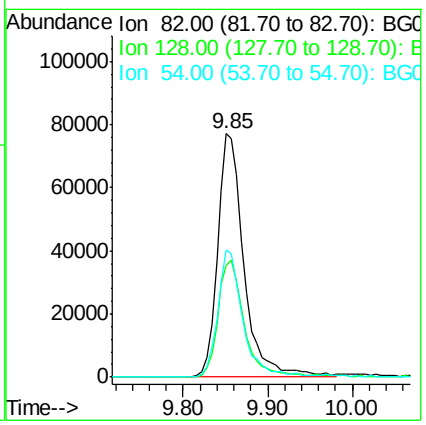


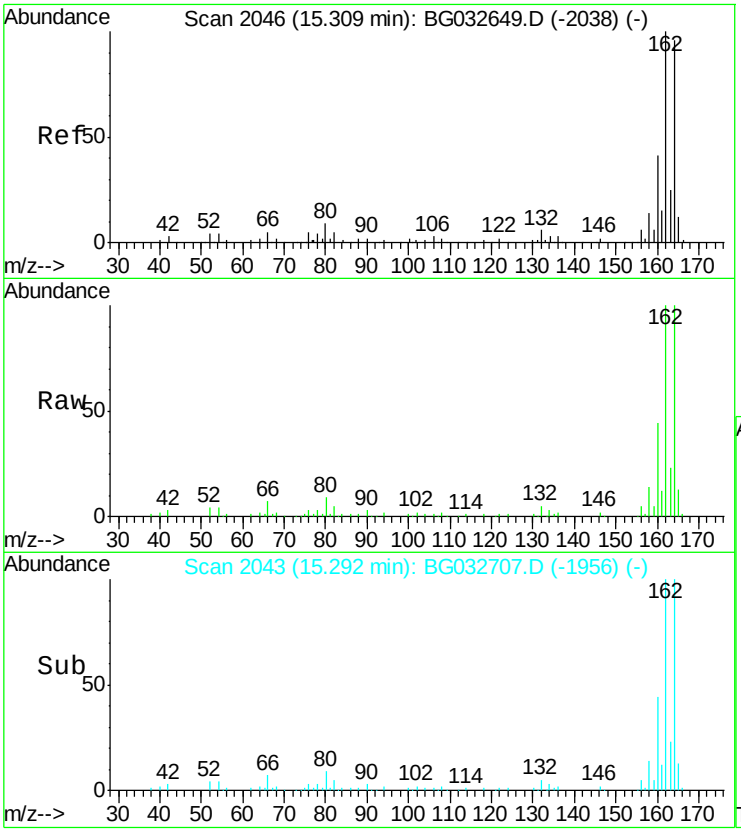


#23
Nitrobenzene-d5
Concen: 92.359 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion: 82 Resp: 166274

Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	52.3	43.1	64.7



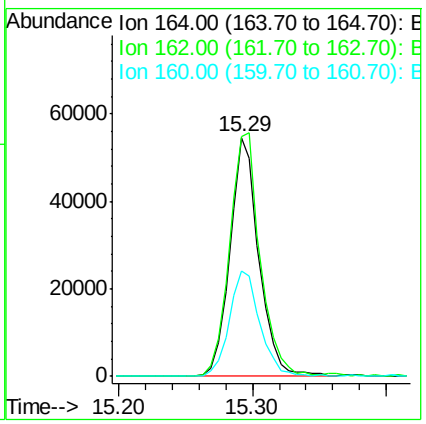


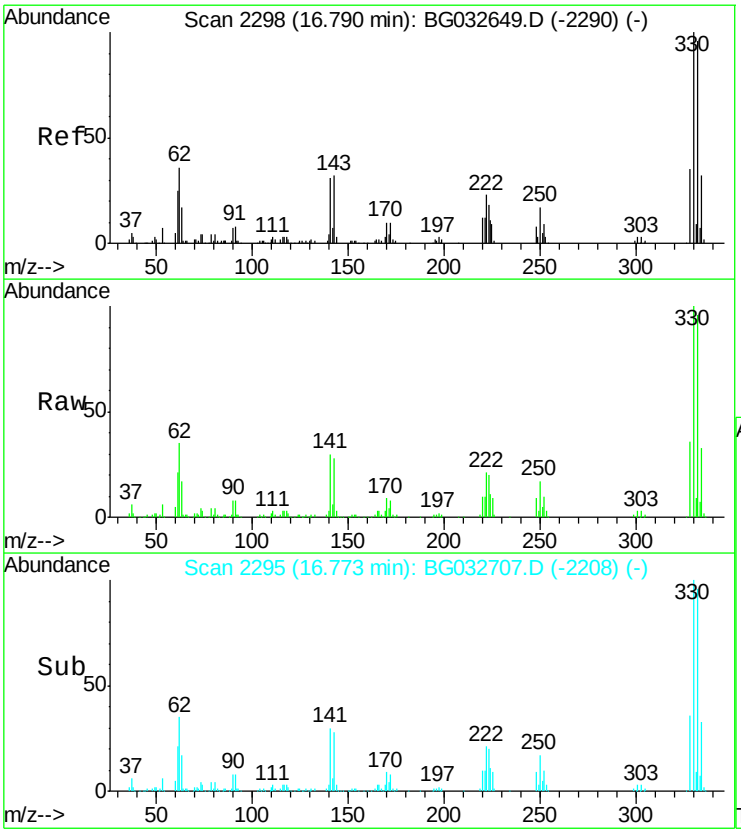
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 82082

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.3	35.4	53.0

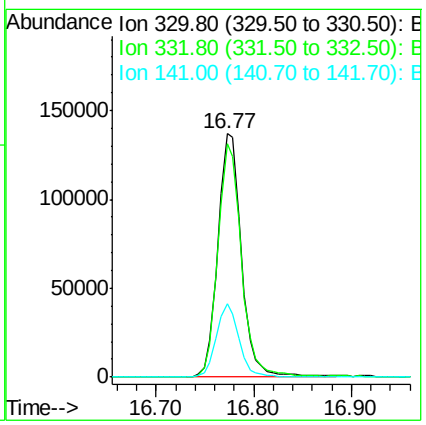


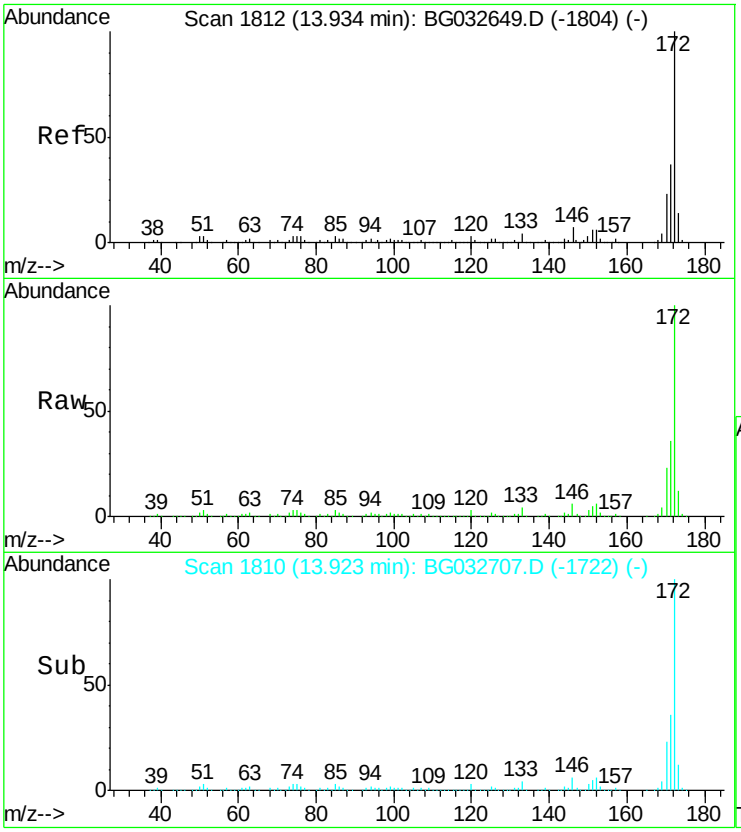


#41
2,4,6-Tribromophenol
Concen: 181.661 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:330 Resp: 229599

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.1	25.2	37.8



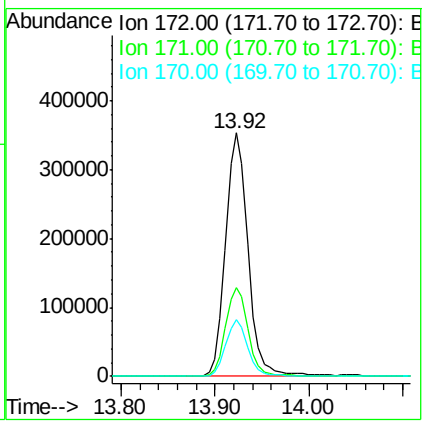


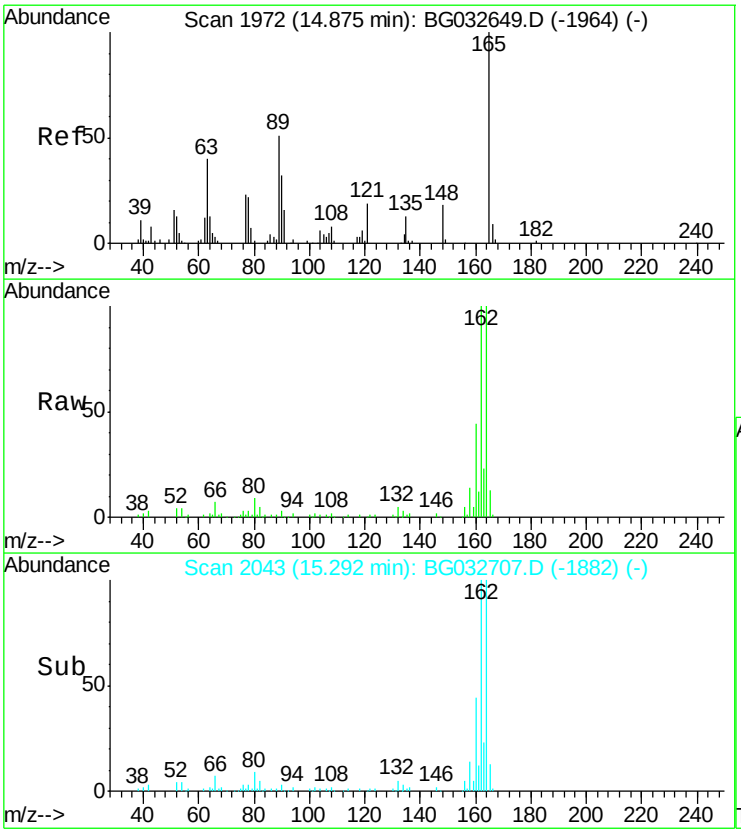
#44
2-Fluorobiphenyl
Concen: 89.363 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 586558

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.0	19.5	29.3

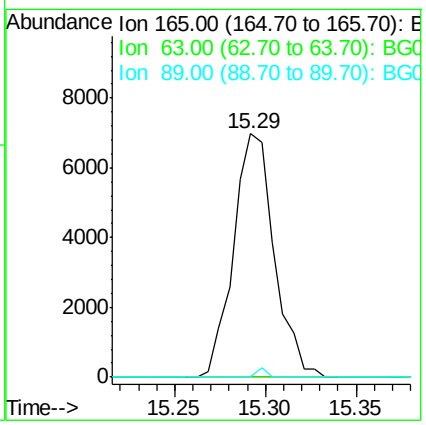


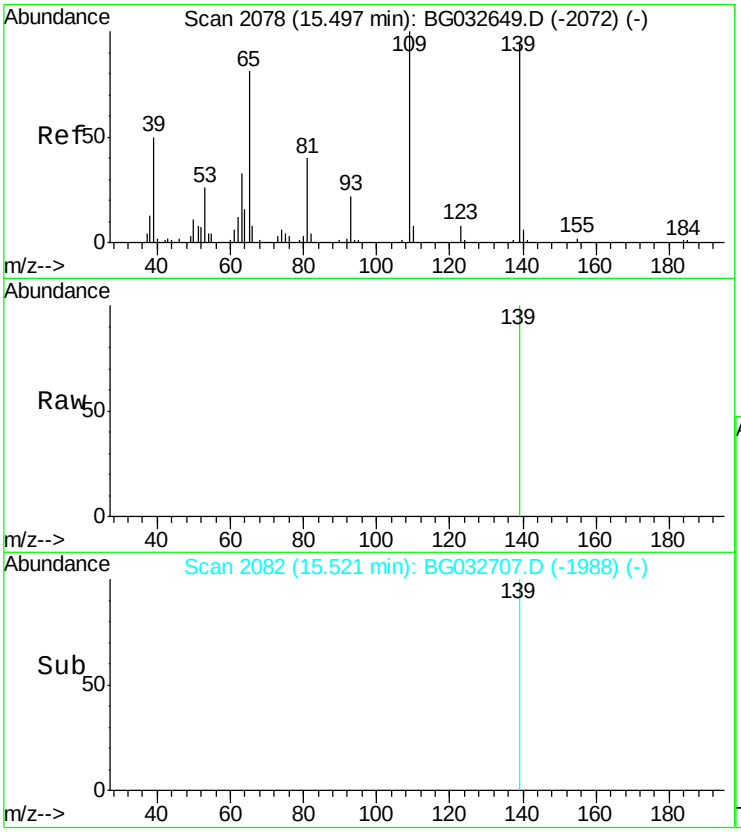


#50
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 15.29 min Scan# 2043
Delta R.T. 0.42 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:165 Resp: 10902

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



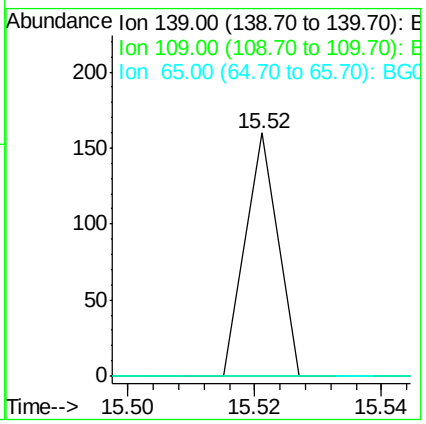


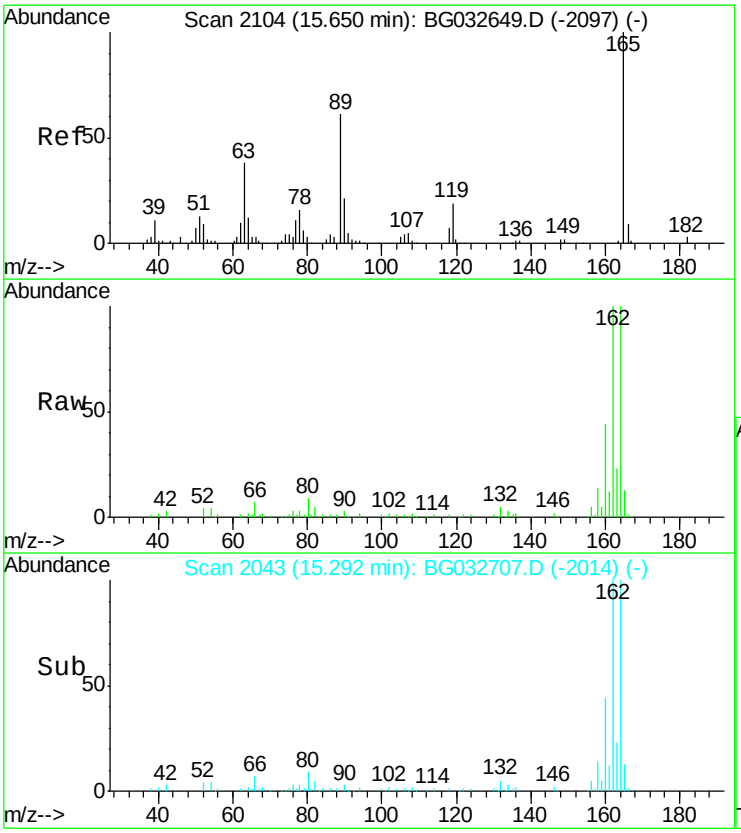
#55
4-Nitrophenol
Concen: 5.540 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 56

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

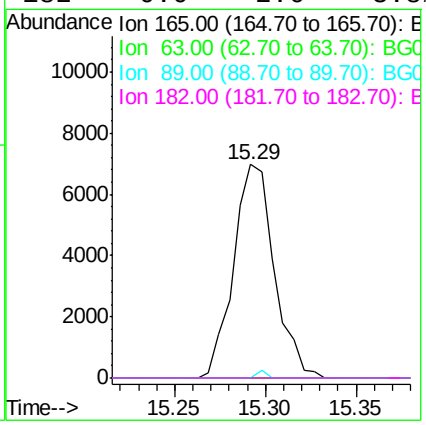


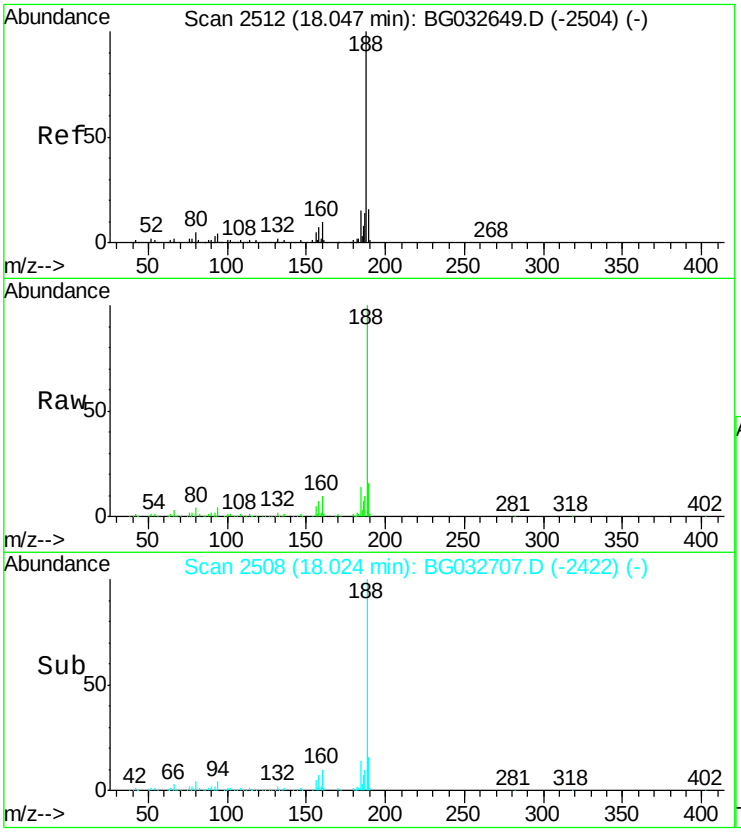


#56
2,4-Dinitrotoluene
Concen: 5.415 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.36 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:165 Resp: 10902

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



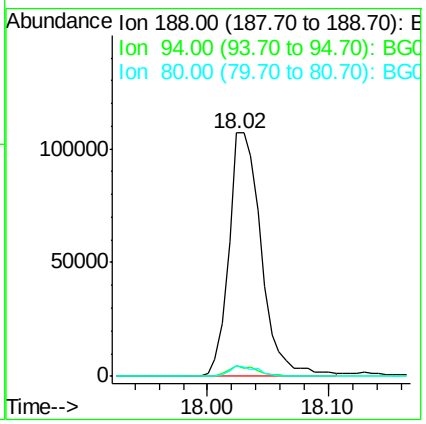


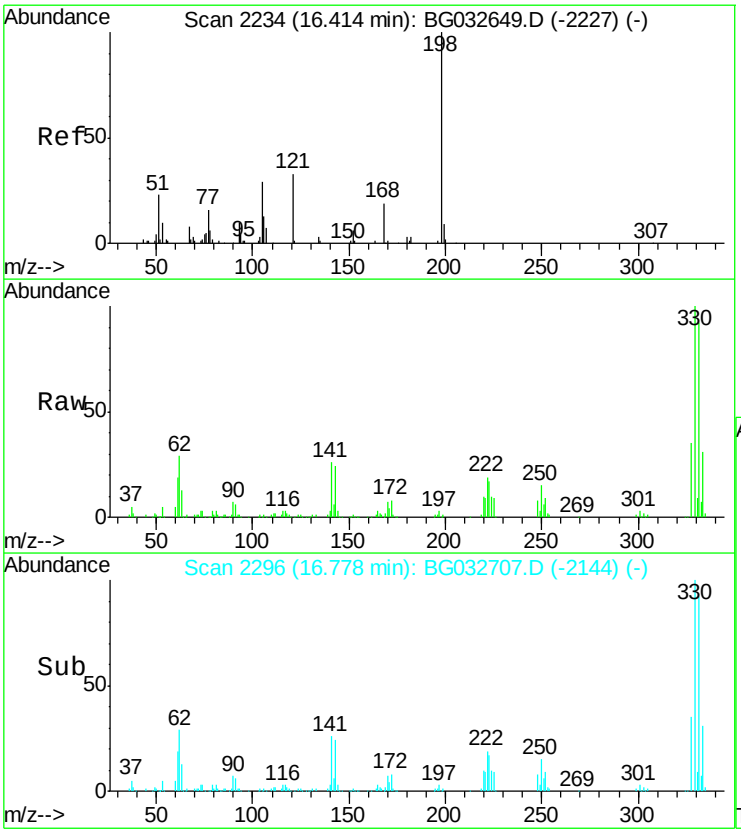
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.02 min Scan# 2508
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 200211

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.2	7.7	11.5#

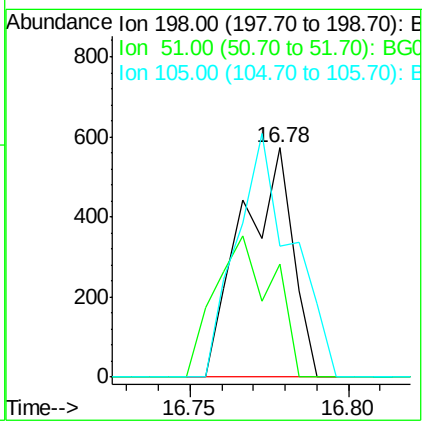


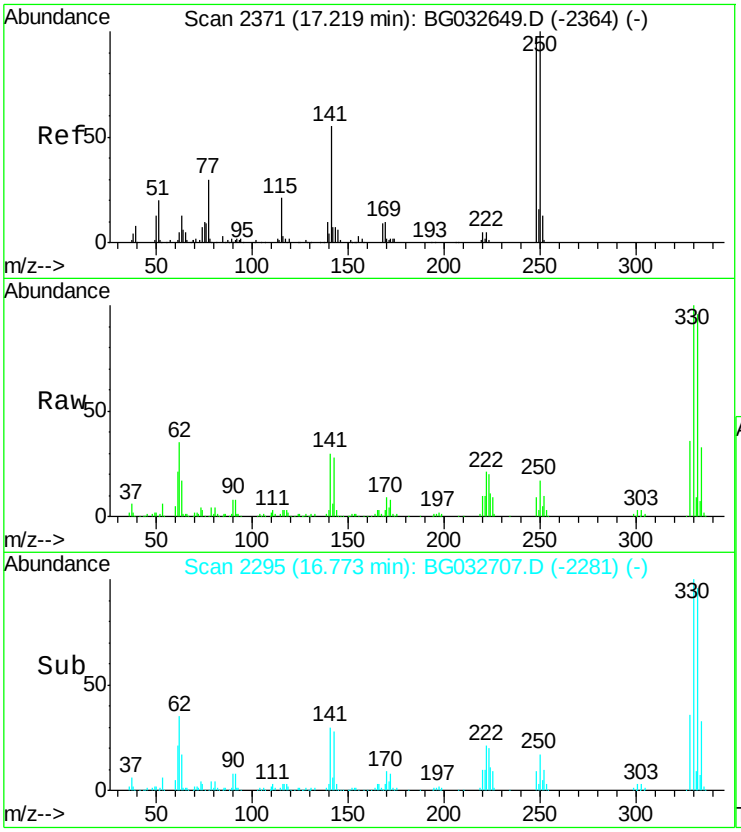


#64
4,6-Dinitro-2-methylphenol
Concen: 5.413 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.37 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:198 Resp: 634

Ion	Ratio	Lower	Upper
198	100		
51	85.3	30.6	70.6#
105	57.3	23.8	63.8



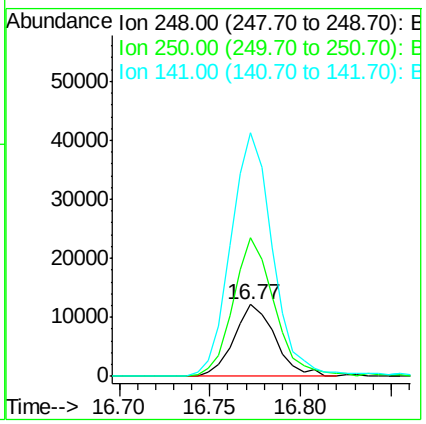


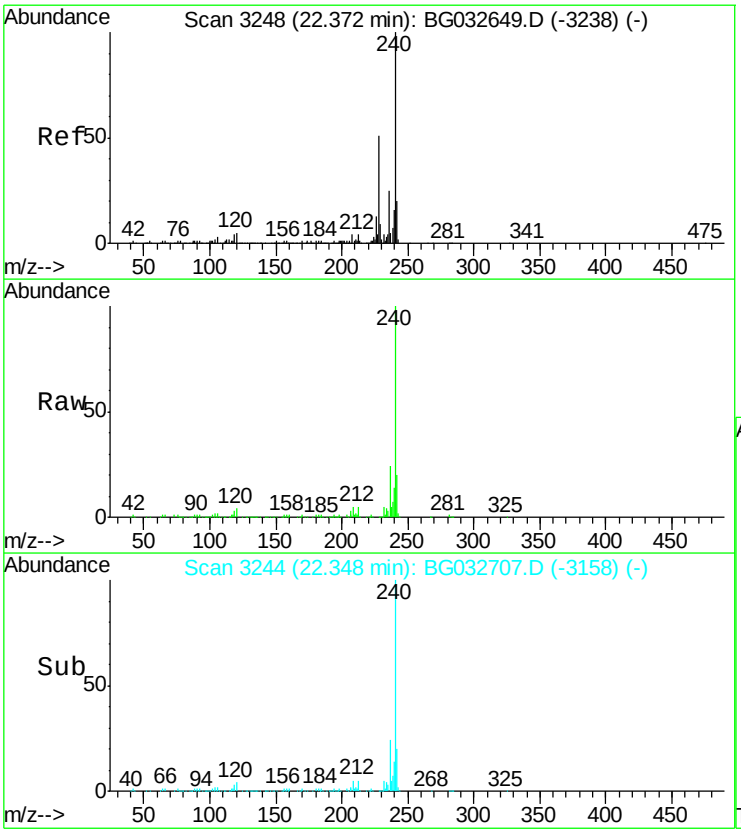
#66
4-Bromophenyl-phenylether
Concen: 6.746 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.45 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19328

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.1	115.7#
141	340.2	50.8	76.2#

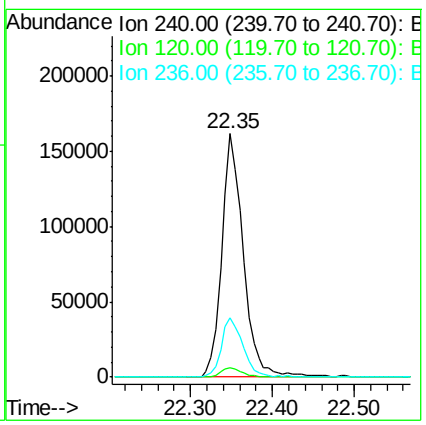


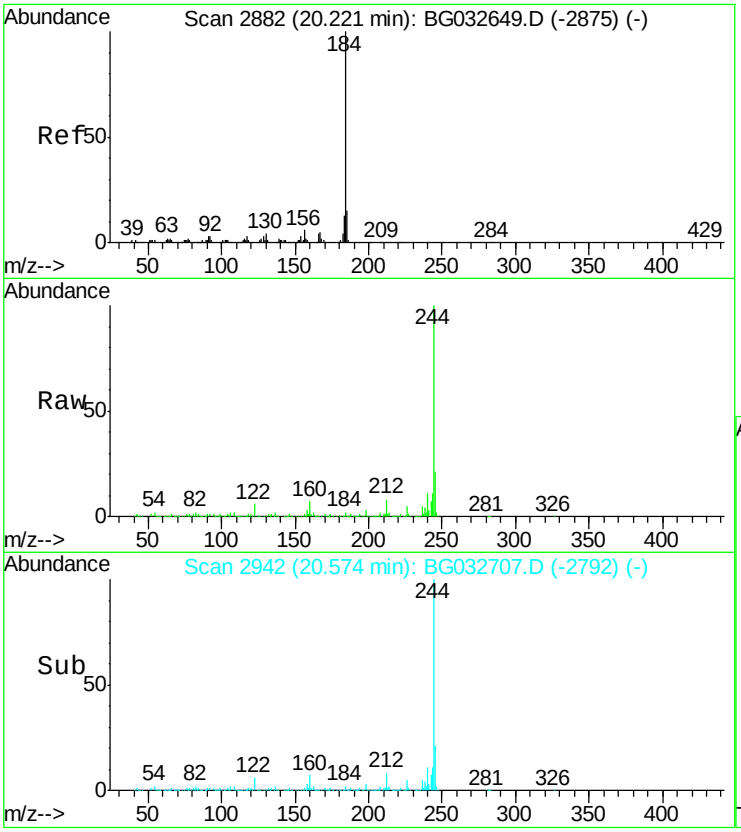


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:240 Resp: 295279

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	24.2	20.9	31.3



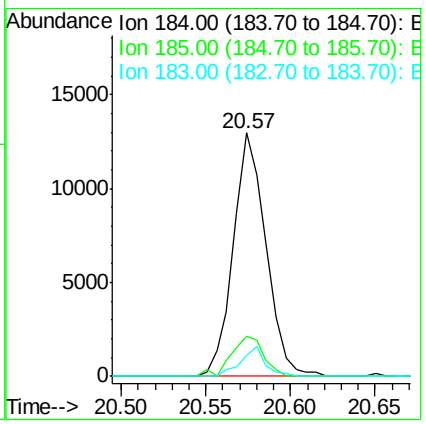


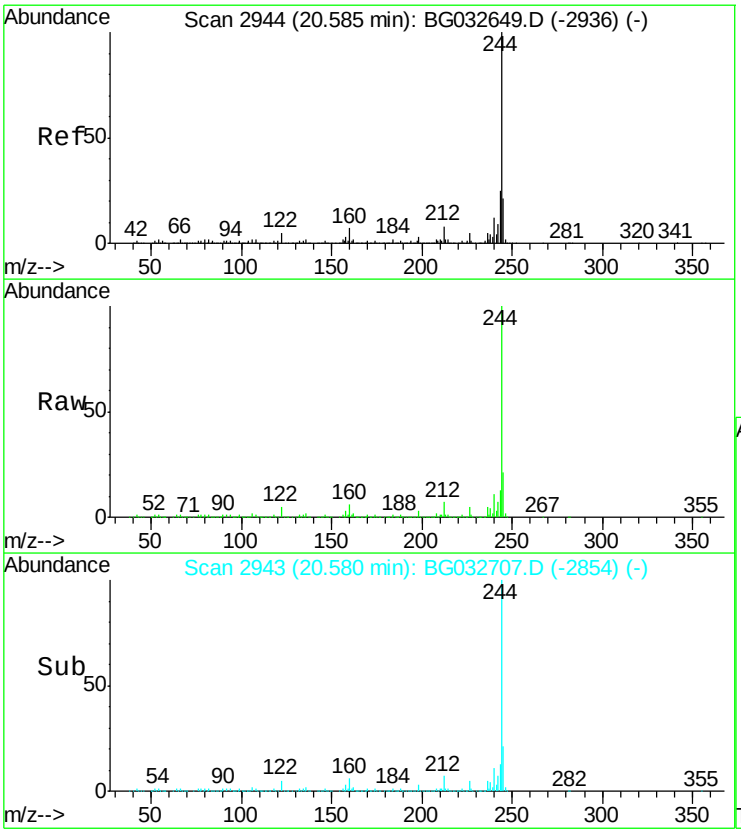
#76
Benzidine
Concen: 2.510 ng
RT: 20.57 min Scan# 2942
Delta R.T. 0.35 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17452

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	8.4	10.6	16.0#

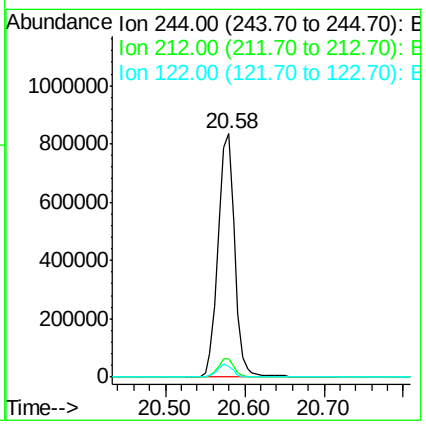


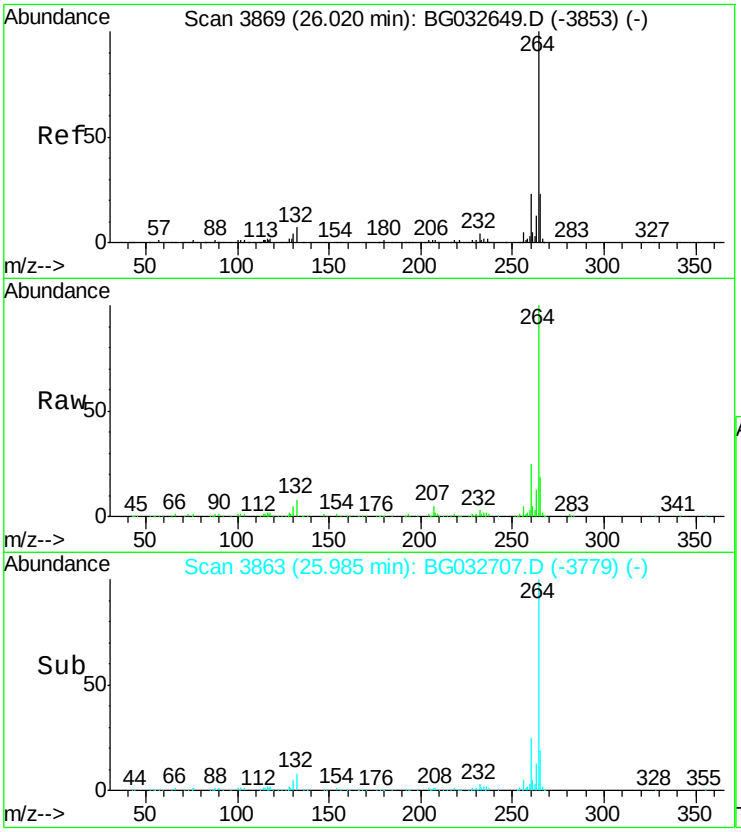


#78
Terphenyl-d14
Concen: 94.016 ng
RT: 20.58 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Tgt Ion:244 Resp: 1218011

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	4.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3863
Delta R.T. -0.04 min
Lab File: BG032707.D
Acq: 15 Feb 2018 9:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 339120

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	19.3	17.7	26.5