Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032689.D
Acq On : 14 Feb 2018 20:08
Operator : SJ/JU
Sample : J1545-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 15 02:54:13 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	8.65	152	21033	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	92086	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	67849	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	223793	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	328337	20.00	ng	-0.02
86) Perylene-d12	25.98	264	343541	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	146173	139.44	ng	-0.01
7) Phenol-d6	7.77	99	198106	138.20	ng	-0.02
23) Nitrobenzene-d5	9.85	82	113417	78.28	ng	-0.03
41) 2,4,6-Tribromophenol	16.77	330	223903	214.32	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	490374	90.38	ng	-0.02
78) Terphenyl-d14	20.58	244	1291286	89.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.81	94	4955	3.55	ng	# 58
15) Benzyl Alcohol	9.00	79	2231	2.08	ng	# 56
19) n-Nitroso-di-n-propylamine	9.85	70	17617	18.28	ng	# 72
49) Dimethylphthalate	14.72	163	34330	5.85	ng	97
50) 2,6-Dinitrotoluene	15.29	165	9215	7.63	ng	# 18
55) 4-Nitrophenol	15.67	139	64	5.56	ng	# 1
56) 2,4-Dinitrotoluene	15.29	165	9215	5.54	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.57	198	65	5.06	ng	# 29
66) 4-Bromophenyl-phenylether	16.77	248	18741	5.85	ng	# 1
76) Benzidine	20.57	184	19761	2.56	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
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Acq On : 14 Feb 2018 20:08
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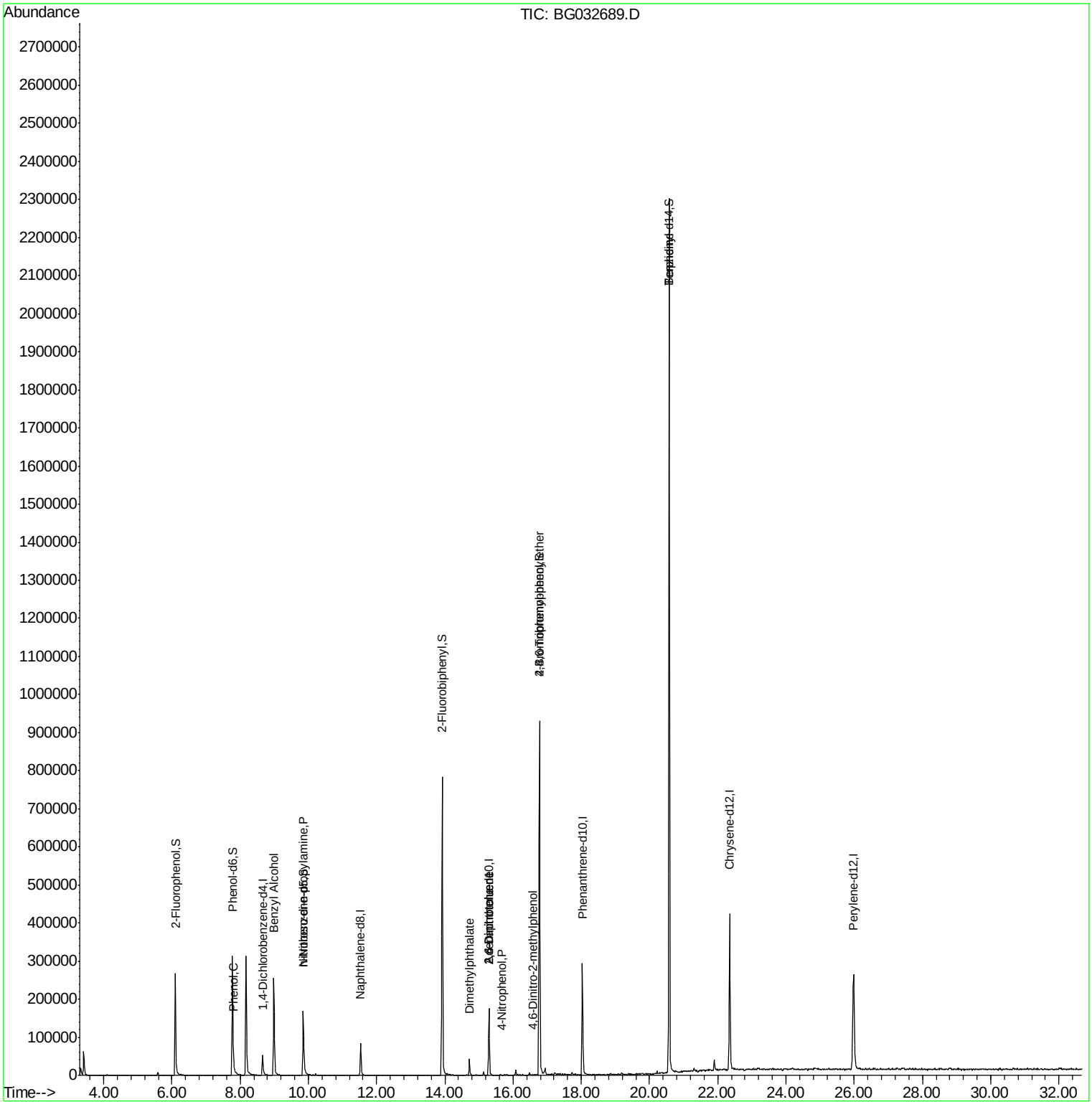
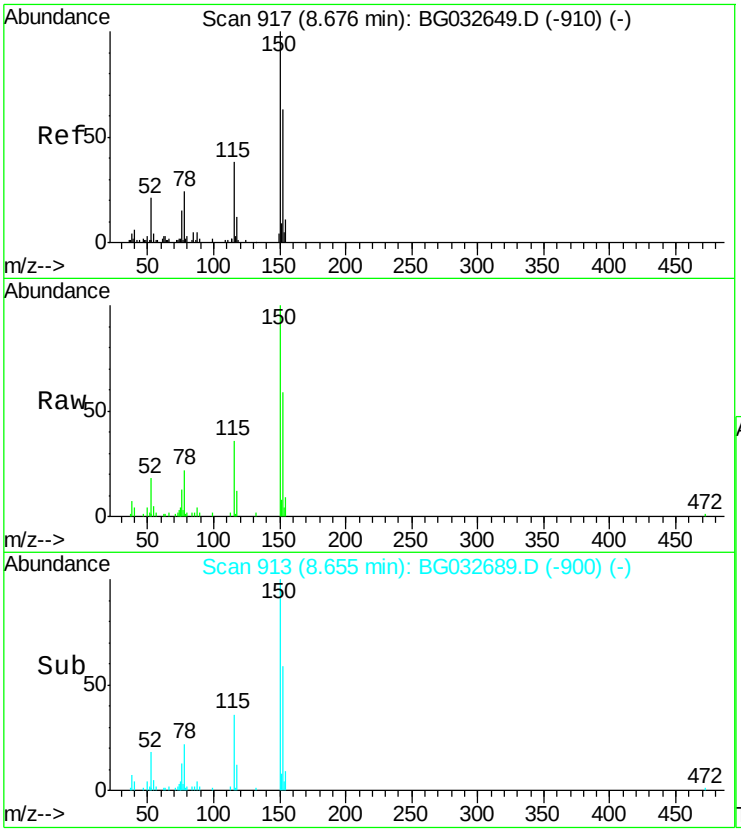
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 15 02:54:13 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



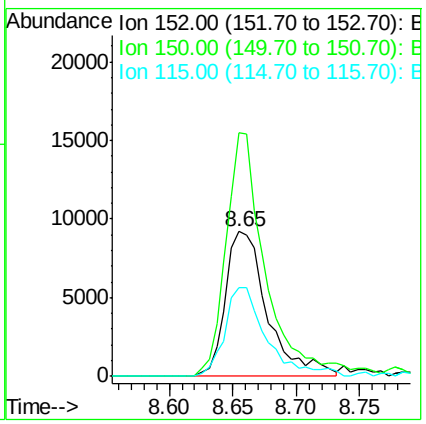


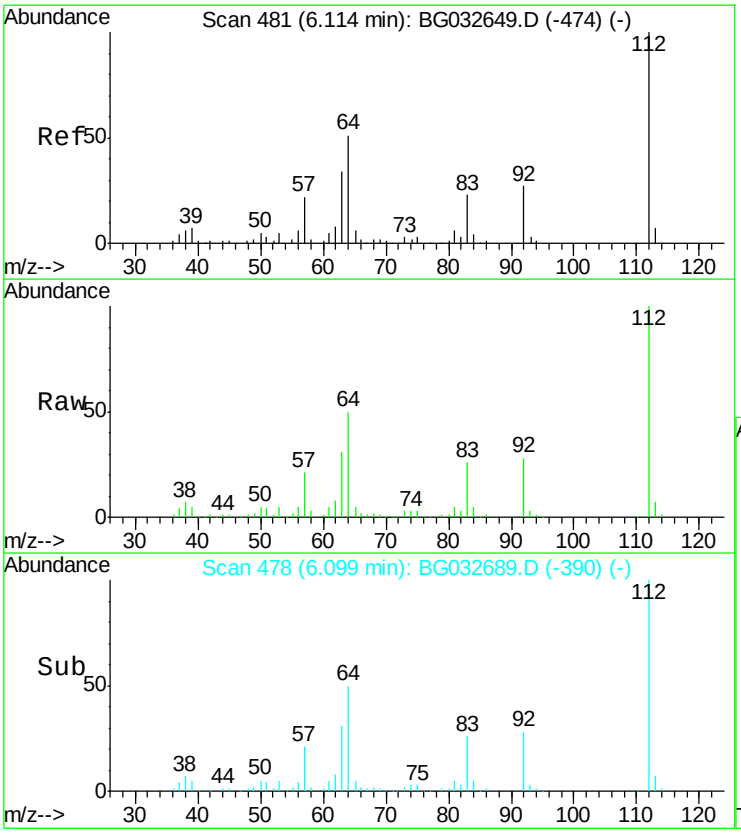
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21033

Ion	Ratio	Lower	Upper
152	100		
150	168.2	126.6	189.8
115	60.9	53.0	79.4

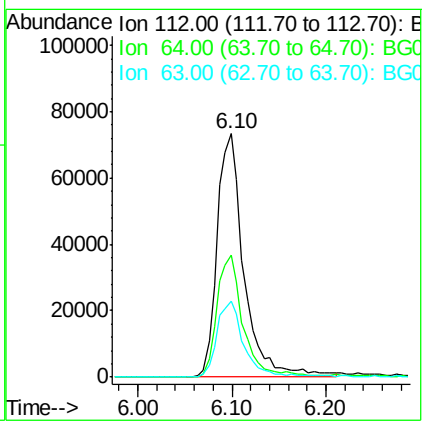


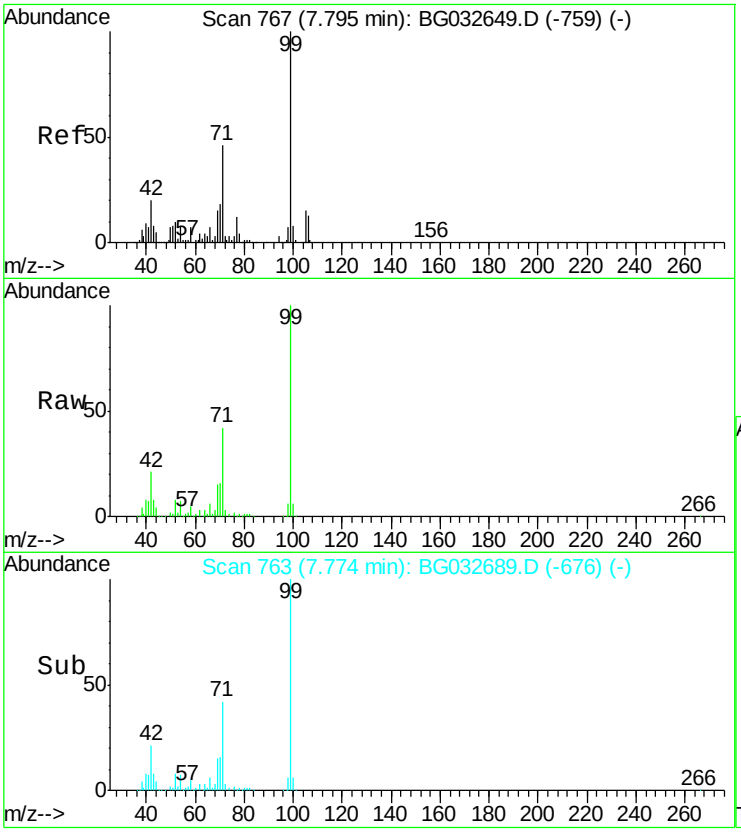


#5
2-Fluorophenol
Concen: 139.44 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:112 Resp: 146173

Ion	Ratio	Lower	Upper
112	100		
64	50.1	56.3	84.5#
63	31.4	30.1	45.1



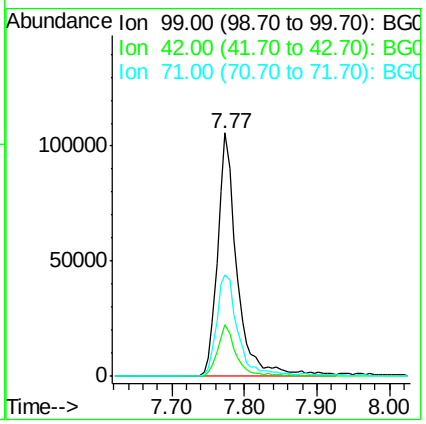


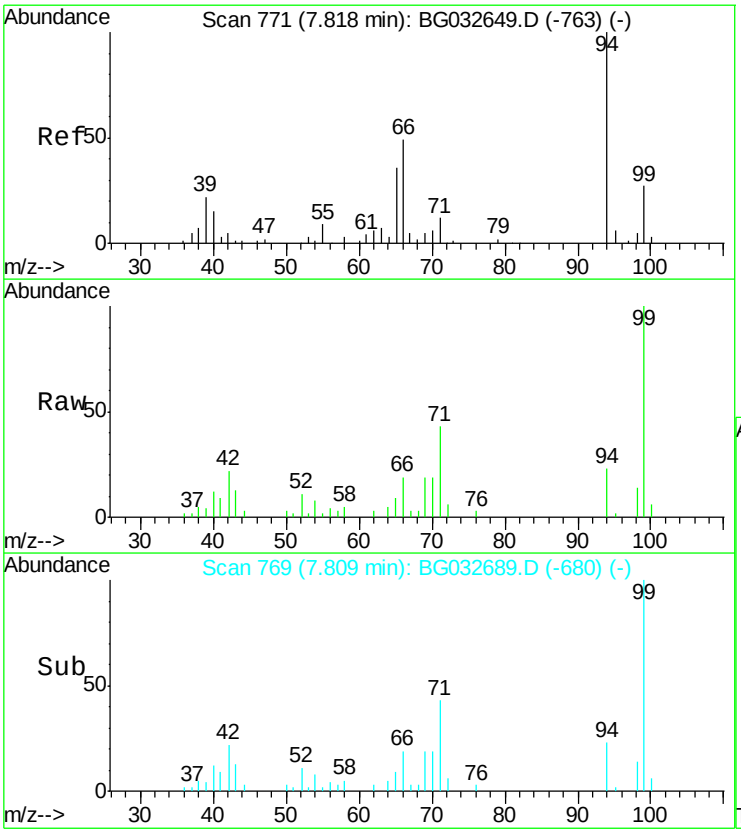
#7
Phenol-d6
Concen: 138.20 ng
RT: 7.77 min Scan# 763
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 198106

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1
71	41.6	26.1	39.1#

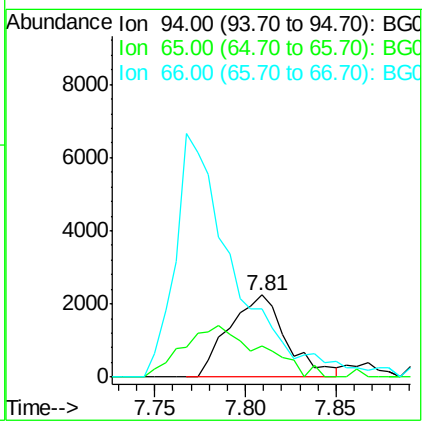


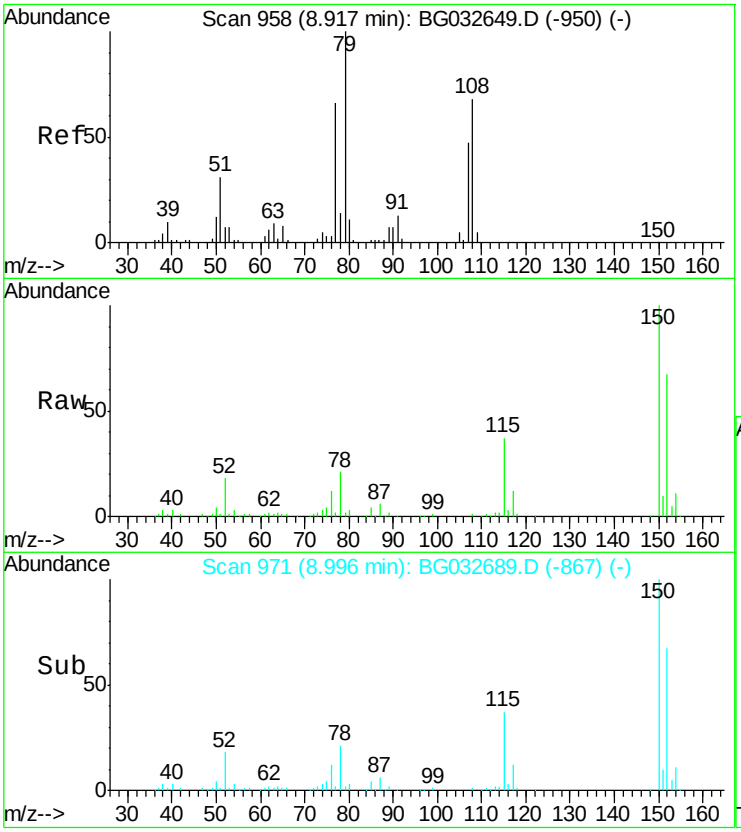


#10
Phenol
Concen: 3.55 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion: 94 Resp: 4955

Ion	Ratio	Lower	Upper
94	100		
65	38.0	11.9	51.9
66	83.3	22.2	62.2#



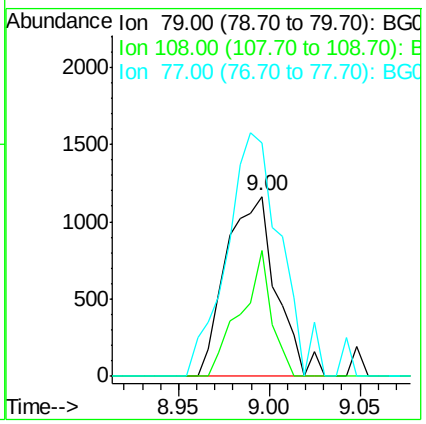


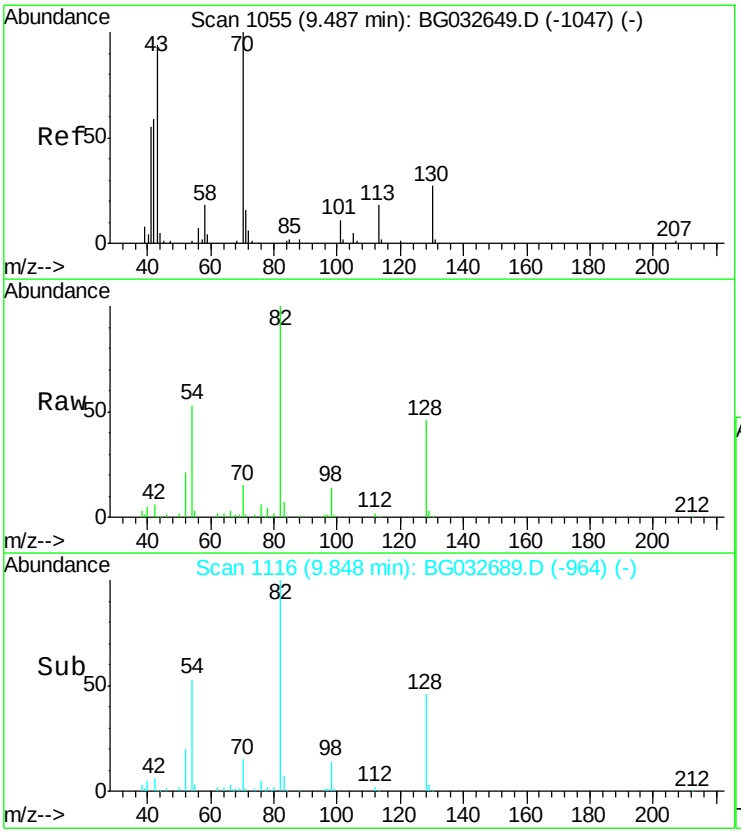
#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 9.00 min Scan# 971
Delta R.T. 0.08 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2231

Ion	Ratio	Lower	Upper
79	100		
108	70.2	57.2	85.8
77	129.5	46.1	69.1#

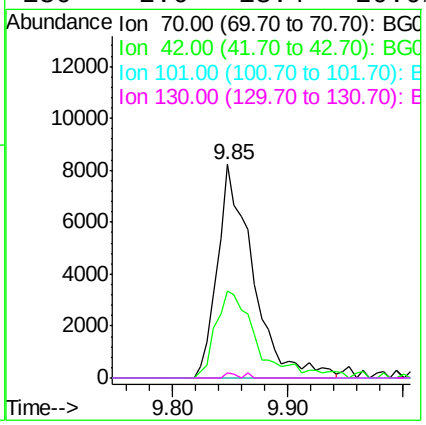


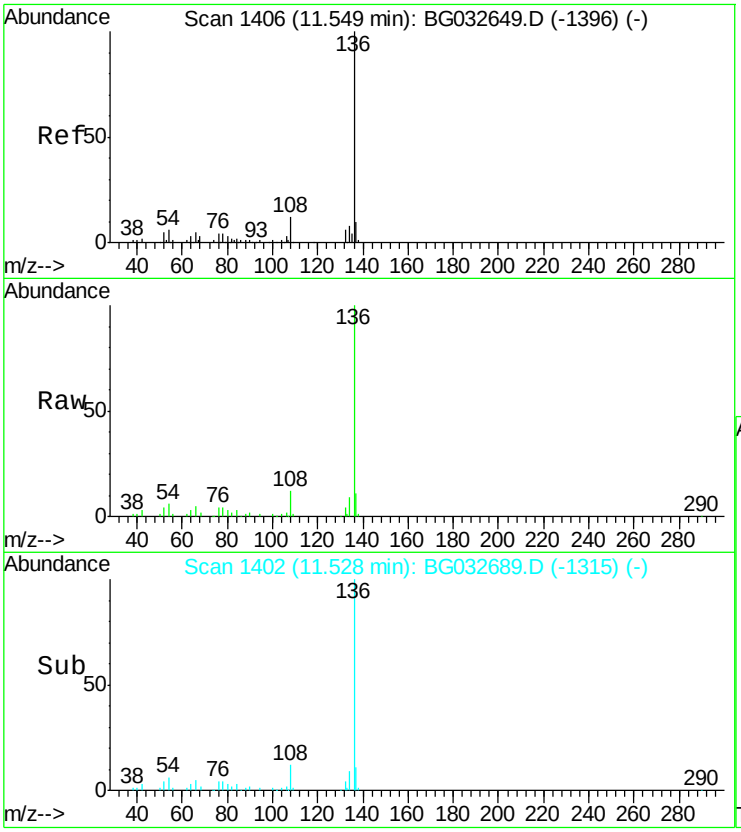


#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 9.85 min Scan# 1116
Delta R.T. 0.36 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion: 70 Resp: 17617

Ion	Ratio	Lower	Upper
70	100		
42	40.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



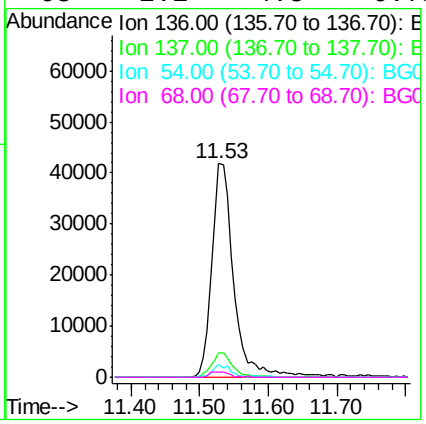


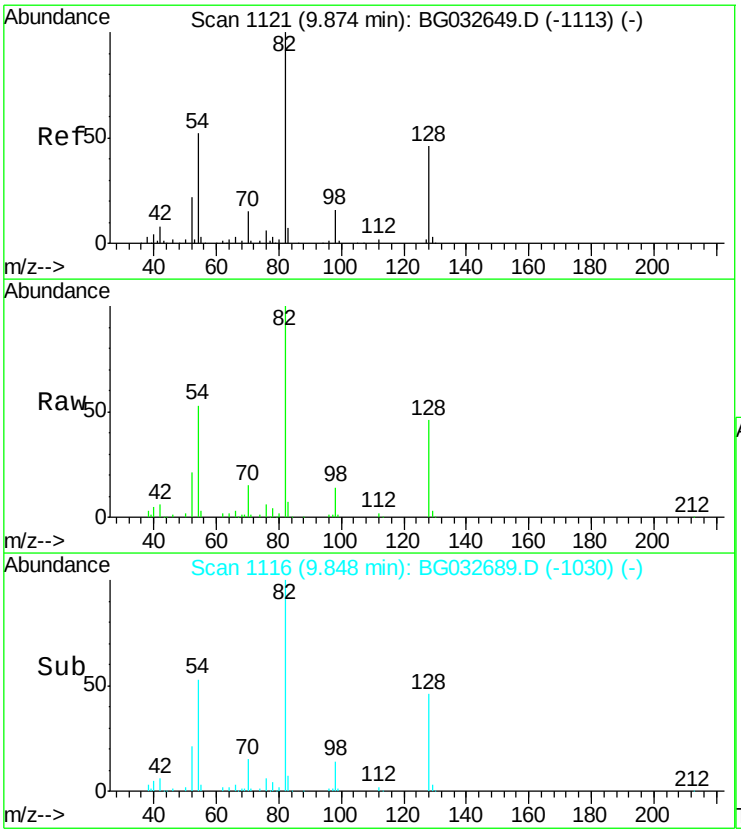
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.53 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 92086

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.0	10.3	15.5#
68	2.2	4.5	6.7#

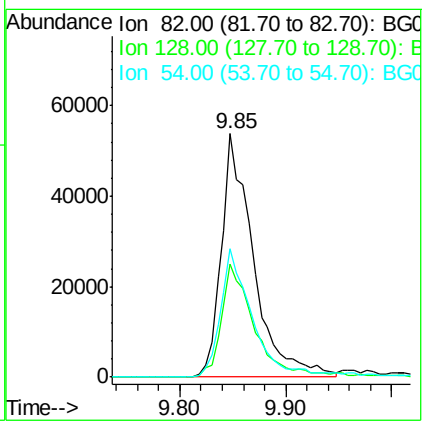


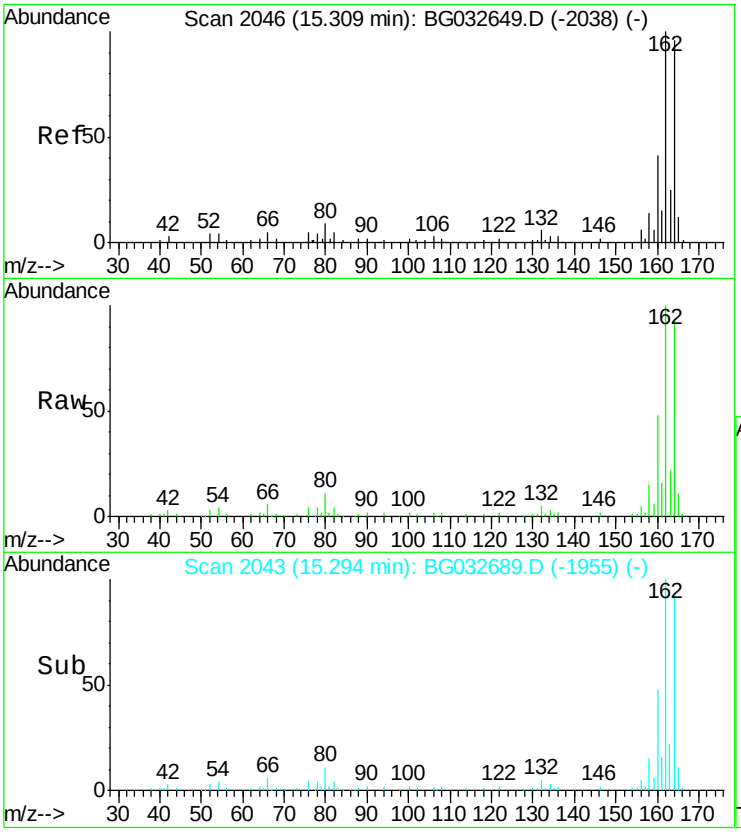


#23
Nitrobenzene-d5
Concen: 78.28 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion: 82 Resp: 113417

Ion	Ratio	Lower	Upper
82	100		
128	46.4	29.7	44.5#
54	52.9	43.1	64.7



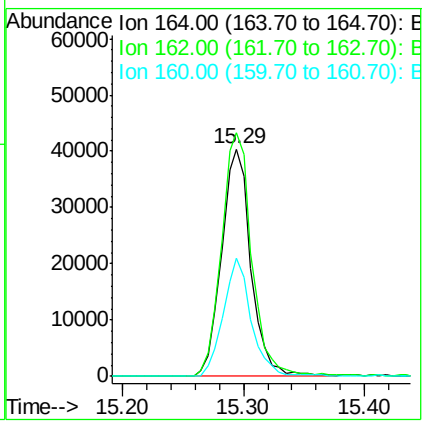


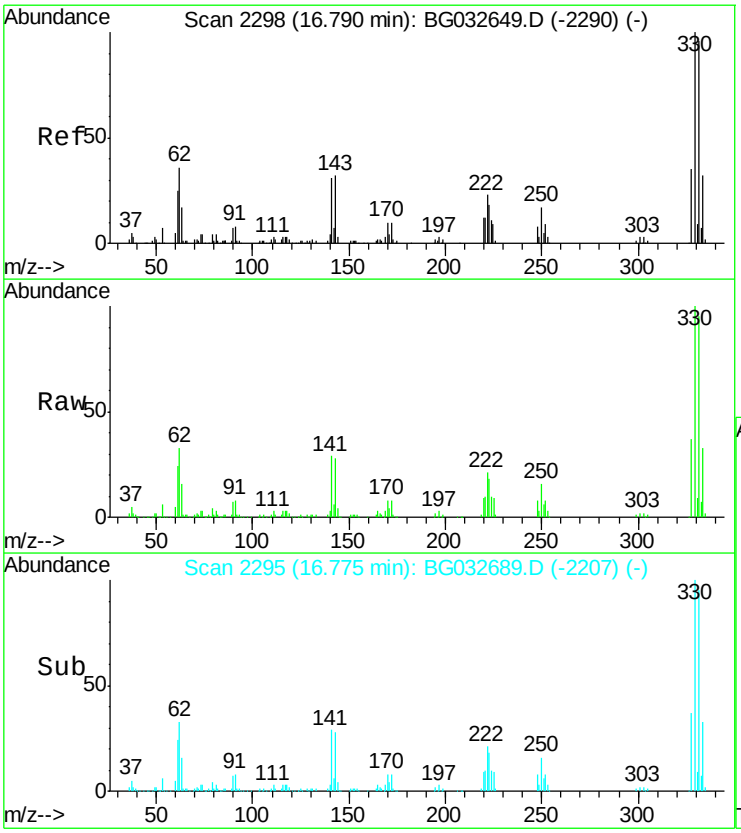
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 67849

Ion	Ratio	Lower	Upper
164	100		
162	107.2	78.8	118.2
160	52.0	35.4	53.0

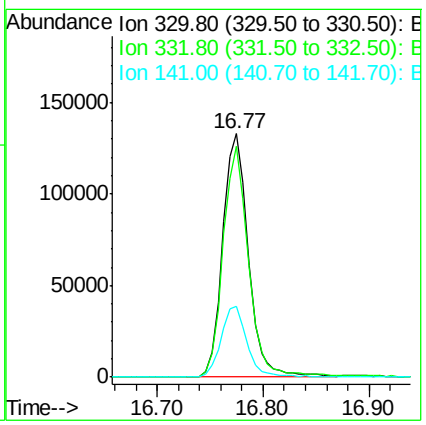


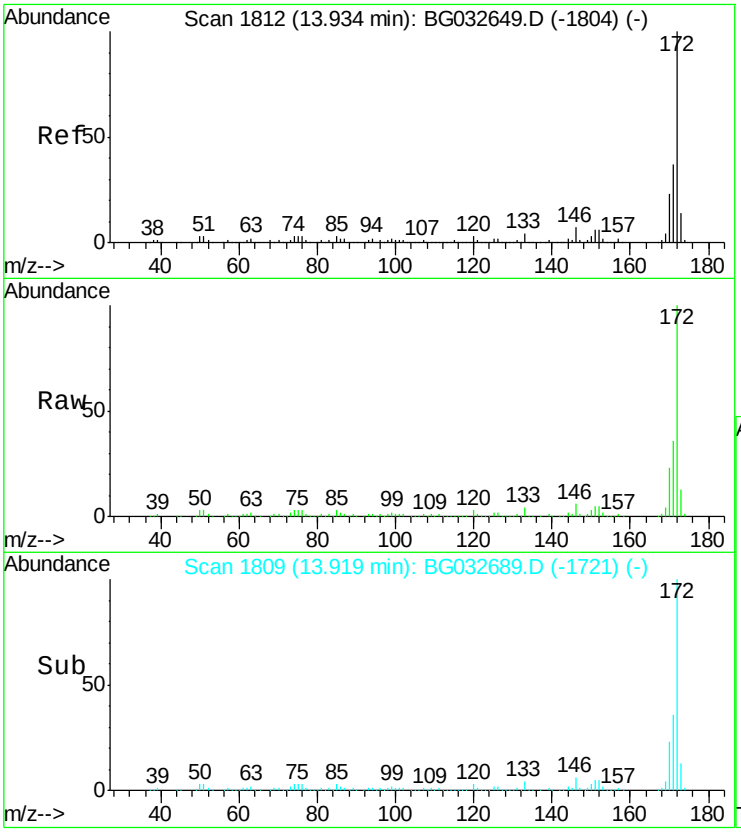


#41
2,4,6-Tribromophenol
Concen: 214.32 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:330 Resp: 223903

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	29.4	25.2	37.8



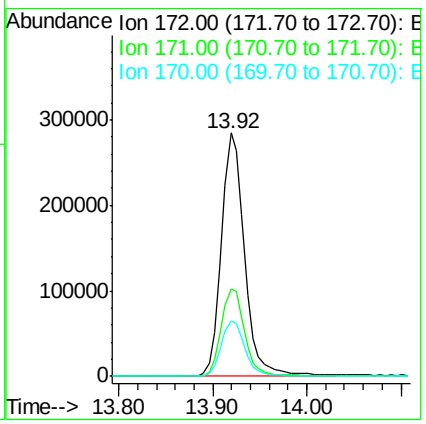


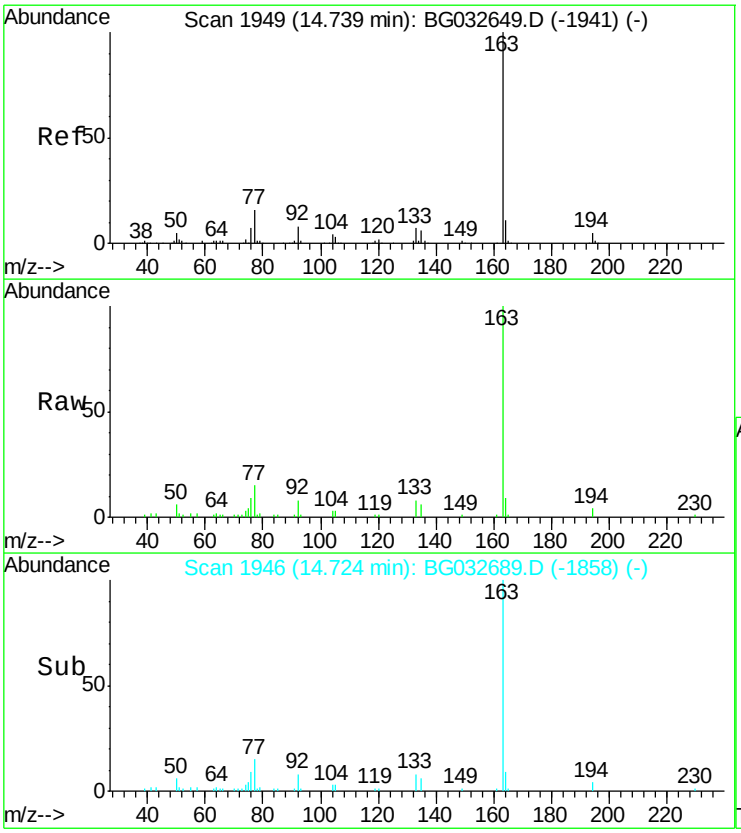
#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 490374

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	22.9	19.5	29.3

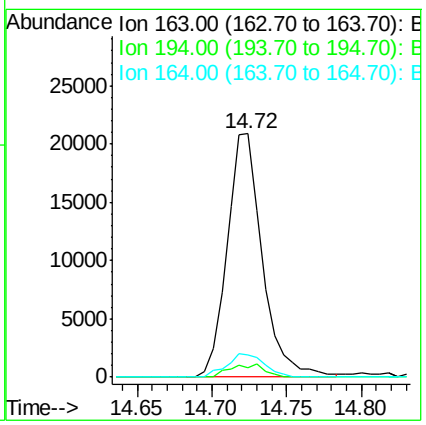


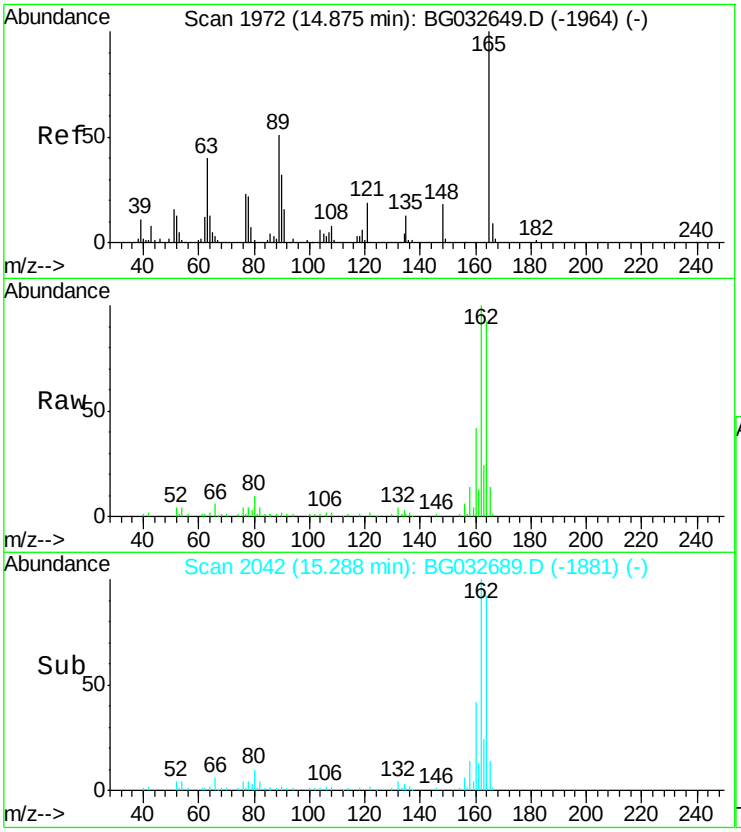


#49
Dimethylphthalate
Concen: 5.85 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:163 Resp: 34330

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.1	8.2	12.4



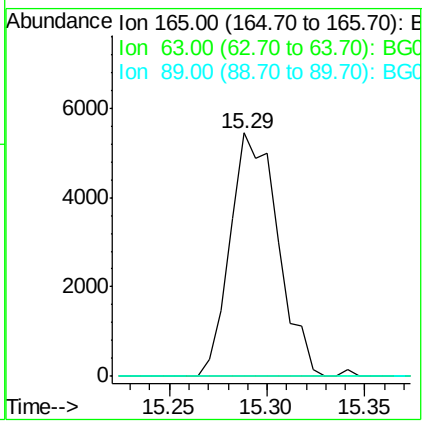


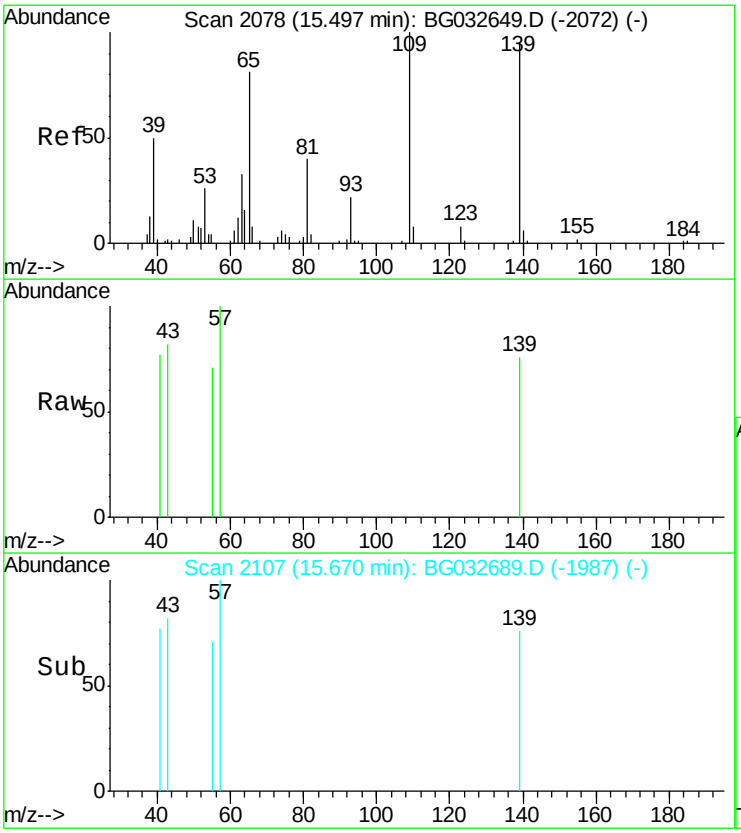
#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 15.29 min Scan# 2042
Delta R.T. 0.41 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9215

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

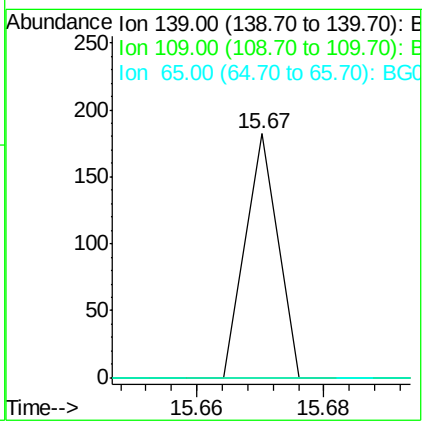


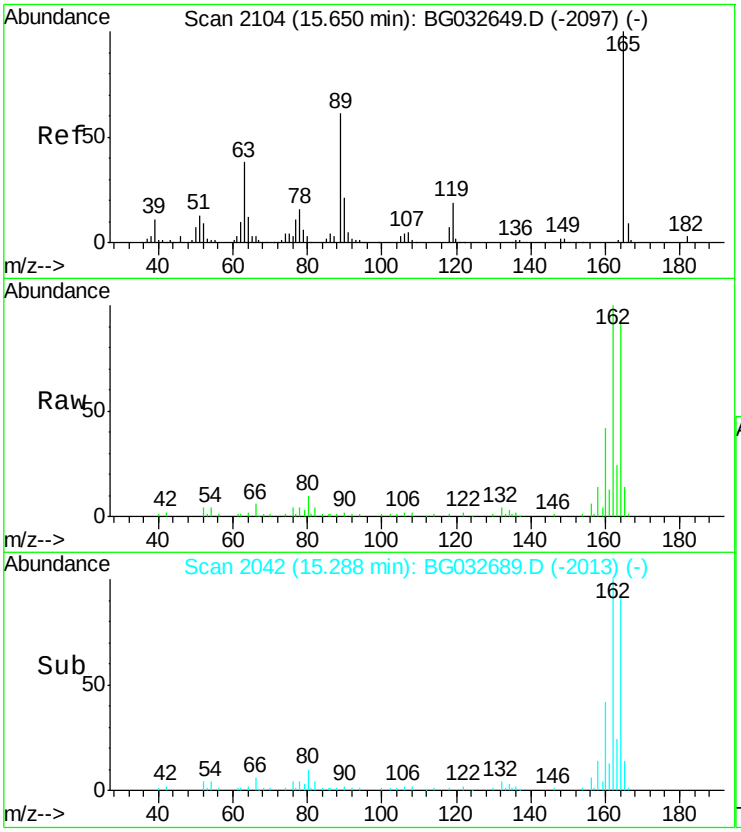


#55
4-Nitrophenol
Concen: 5.56 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.17 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:139 Resp: 64

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



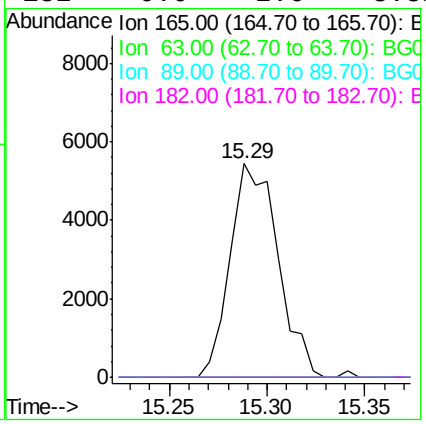


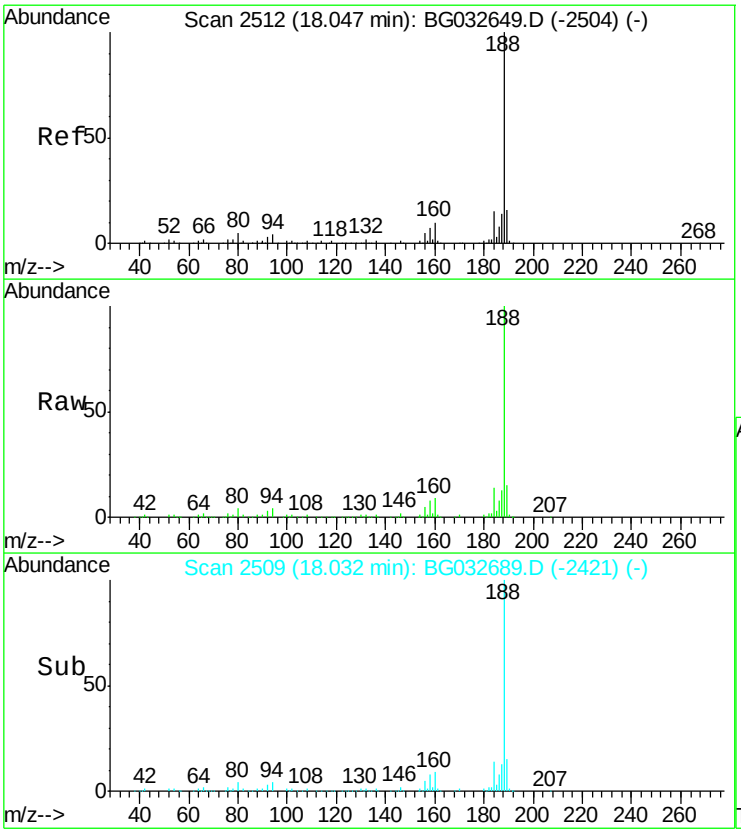
#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 15.29 min Scan# 2042
Delta R.T. -0.36 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9215

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#

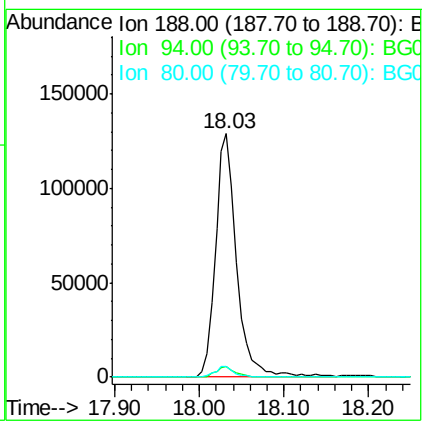


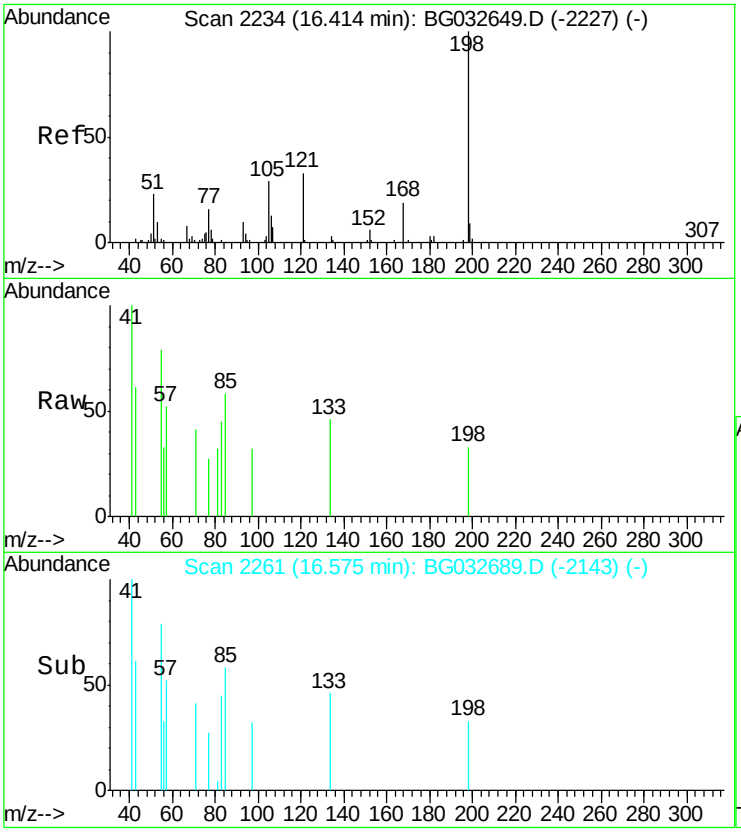


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:188 Resp: 223793

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.2	7.7	11.5#



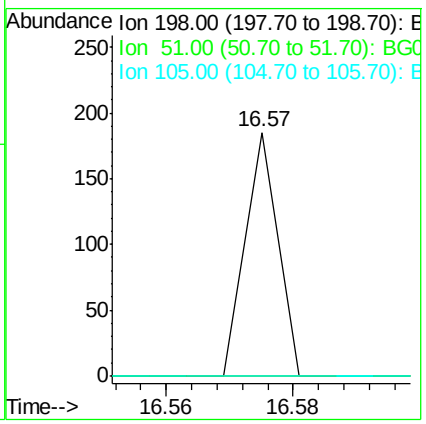


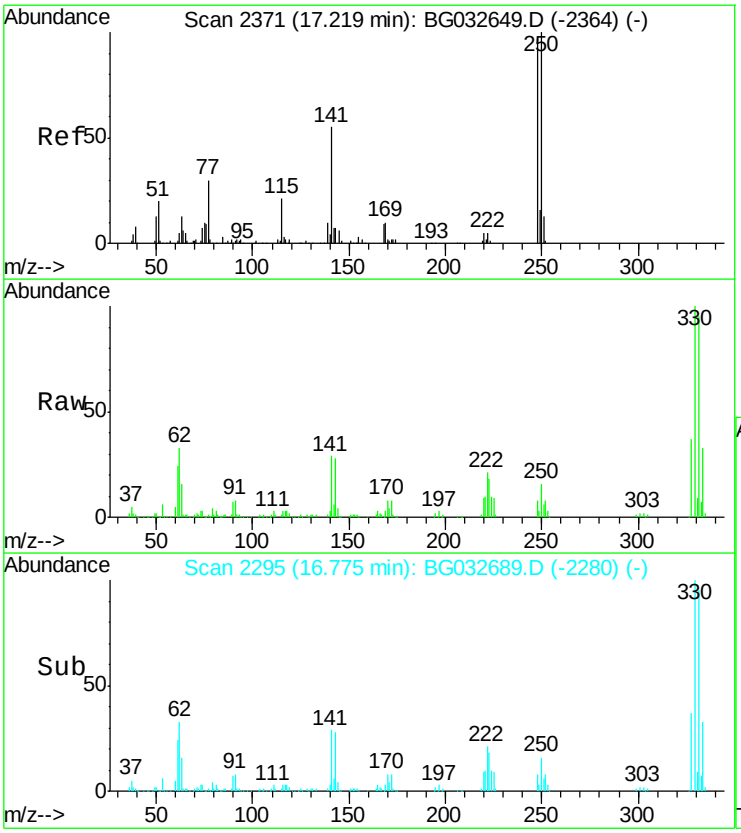
#64
4,6-Dinitro-2-methylphenol
Concen: 5.06 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.16 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 65

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

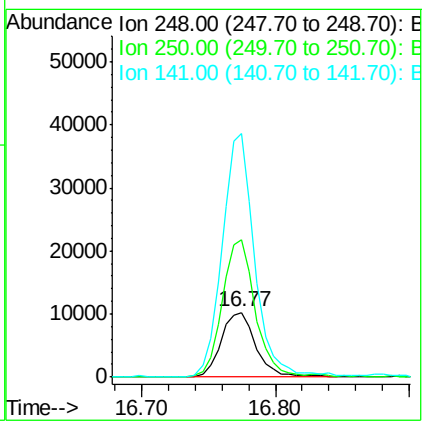


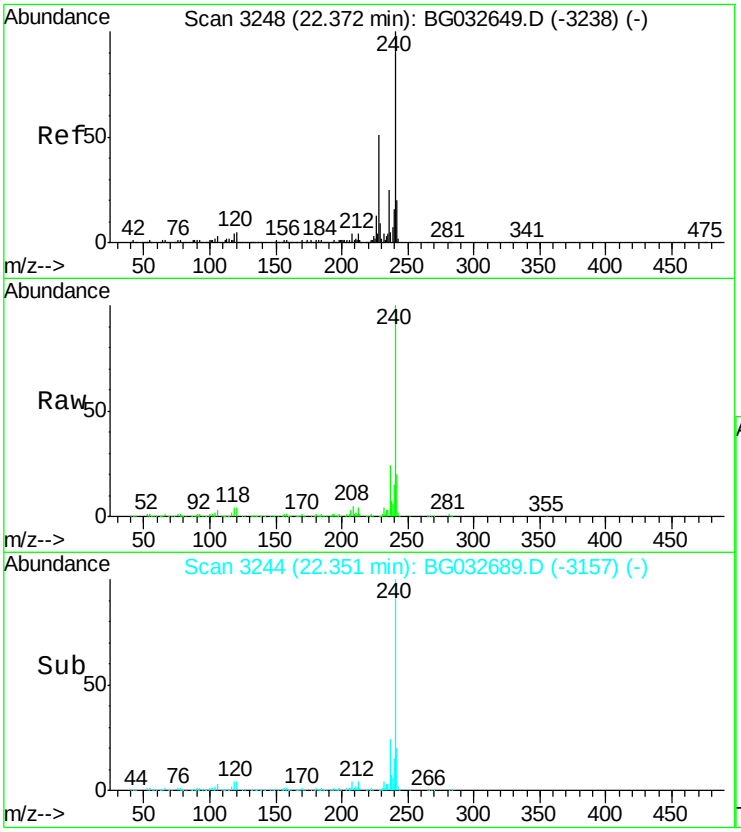


#66
4-Bromophenyl-phenylether
Concen: 5.85 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.44 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:248 Resp: 18741

Ion	Ratio	Lower	Upper
248	100		
250	211.3	77.1	115.7#
141	375.9	50.8	76.2#



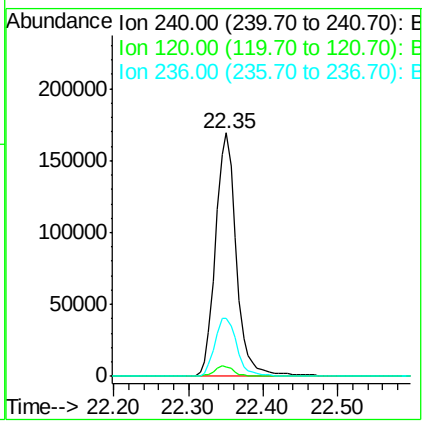


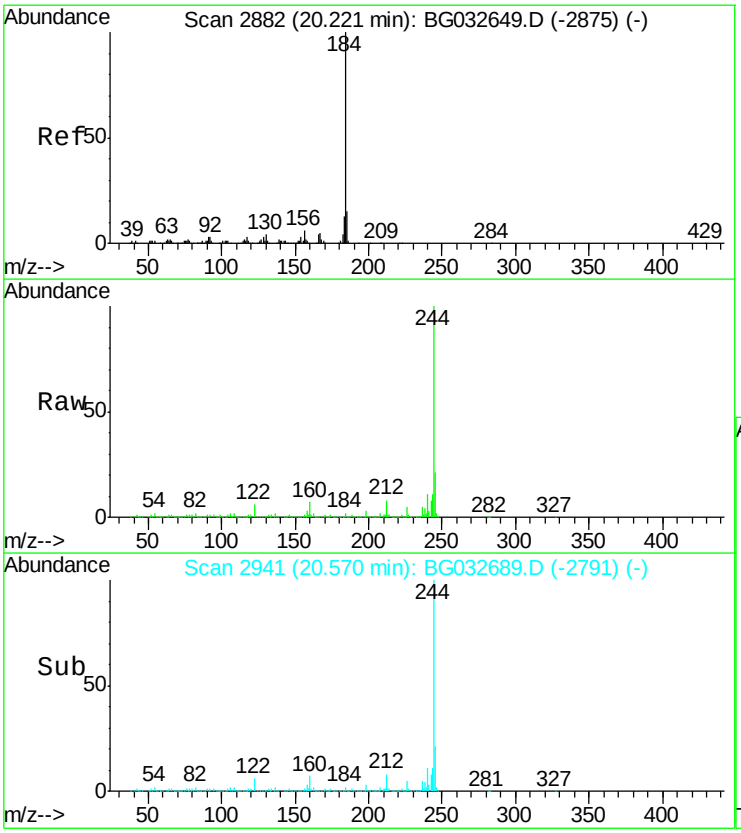
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 328337

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	24.1	20.9	31.3

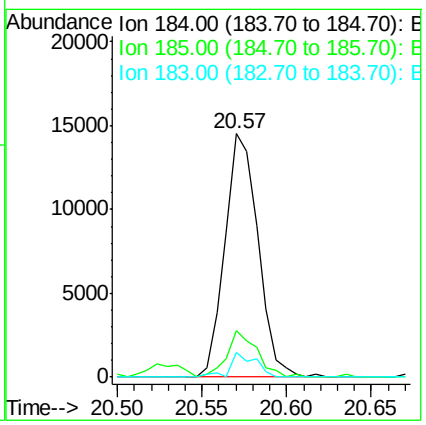


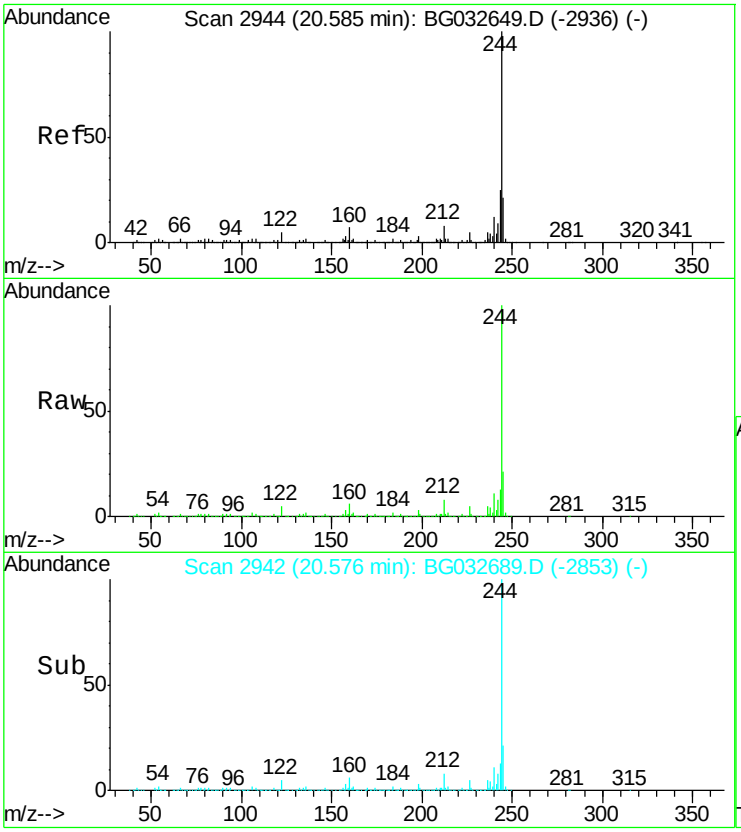


#76
Benzidine
Concen: 2.56 ng
RT: 20.57 min Scan# 2941
Delta R.T. 0.35 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:184 Resp: 19761

Ion	Ratio	Lower	Upper
184	100		
185	18.9	11.1	16.7#
183	10.4	10.6	16.0#



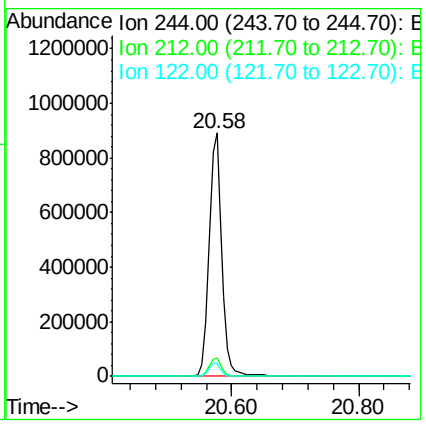


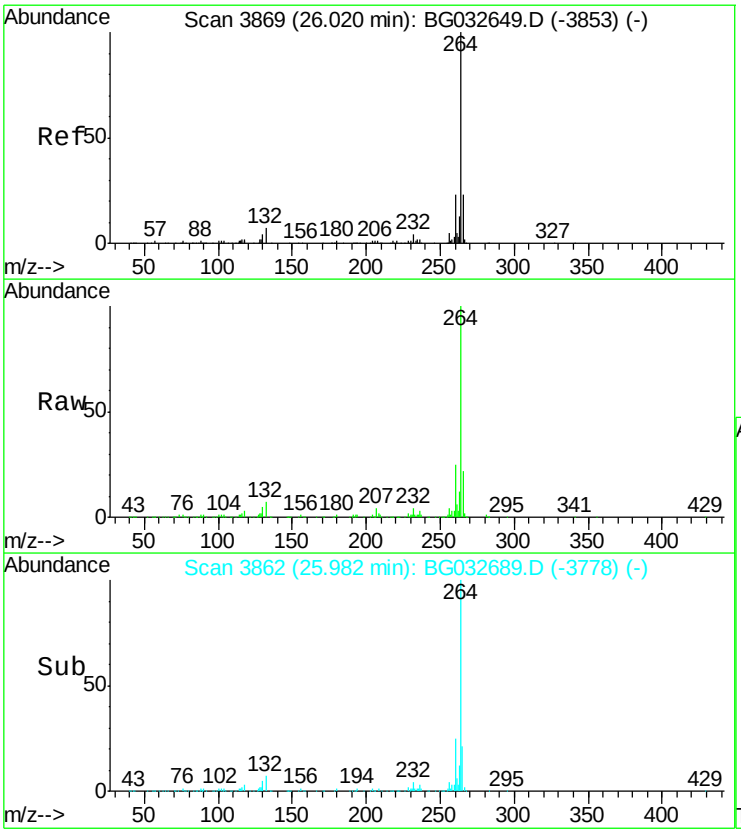
#78
Terphenyl-d14
Concen: 89.64 ng
RT: 20.58 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1291286

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3862
Delta R.T. -0.04 min
Lab File: BG032689.D
Acq: 14 Feb 2018 20:08

Tgt Ion:264 Resp: 343541

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.8	17.7	26.5