Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035557.D
Acq On : 2 Jul 2018 19:00
Operator : JU/SJ
Sample : J3248-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 03 04:48:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	2414	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	8881	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	3607	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	7361	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	4763	20.00	ng	-0.03
86) Perylene-d12	24.92	264	4185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	80498	562.75	ng	0.01
7) Phenol-d6	7.26	99	137528	651.41	ng	0.04
23) Nitrobenzene-d5	9.22	82	25251	135.15	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	5615	121.60	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	19760	71.22	ng	-0.02
78) Terphenyl-d14	20.03	244	43294	190.40	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	4.24	42	1866521	23593.919	ng	# 4
9) Benzaldehyde	7.22	77	780	4.796	ng	# 39
19) n-Nitroso-di-n-propylamine	9.23	70	3260	18.175	ng	# 77
50) 2,6-Dinitrotoluene	14.68	165	550	9.585	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	342	3.858	ng	# 1
79) Butylbenzylphthalate	20.69	149	232	2.035	ng	# 20

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

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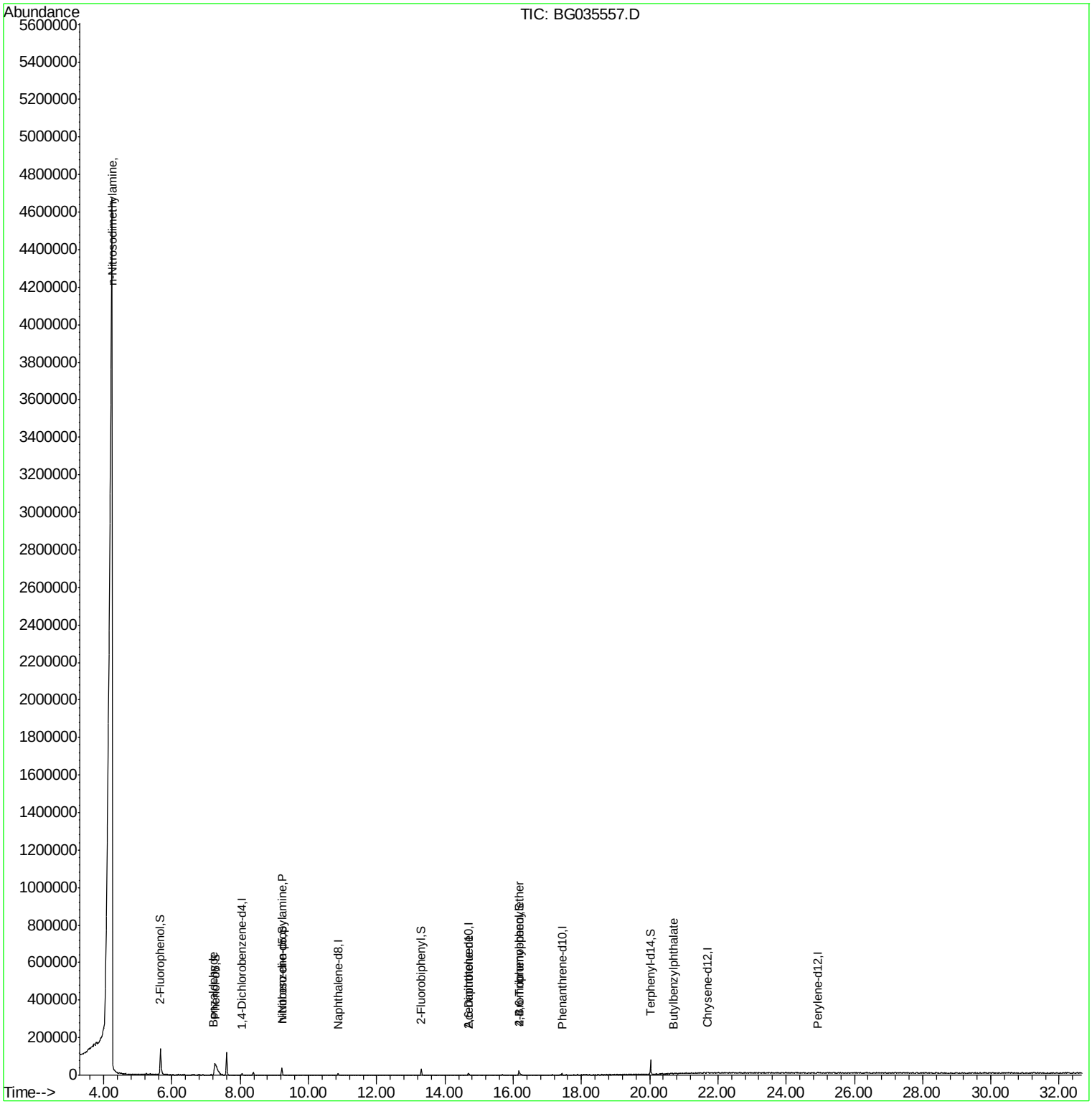
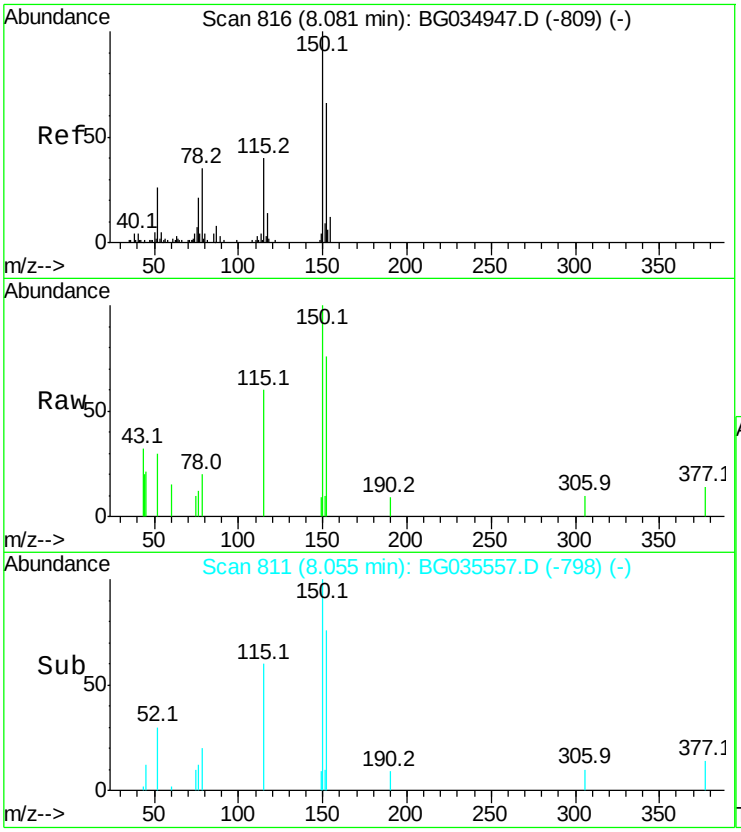
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



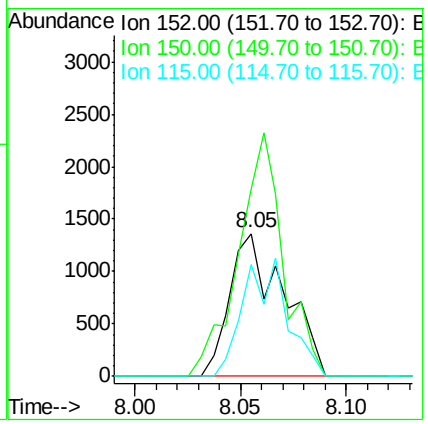


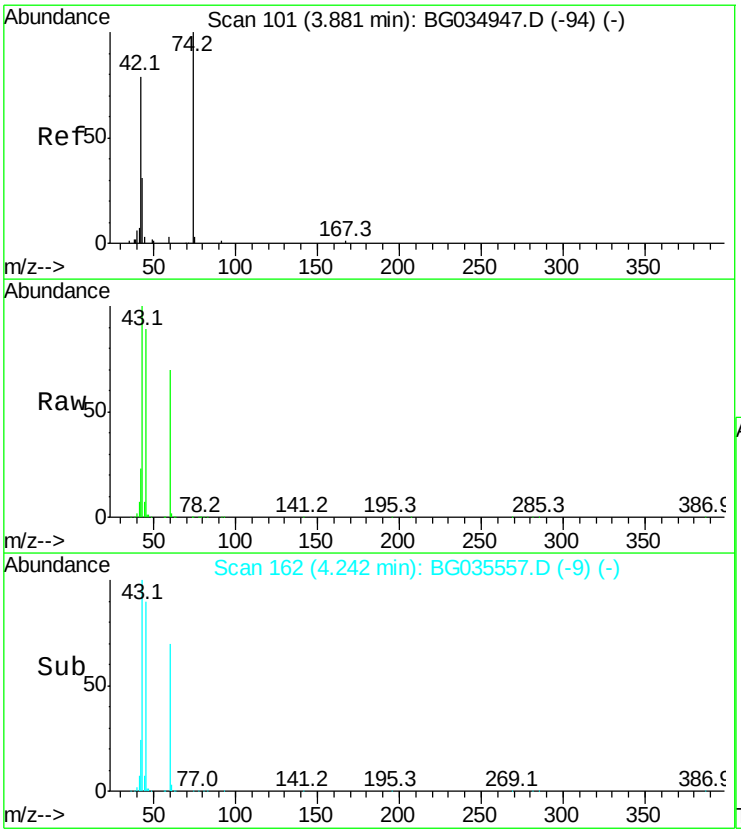
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 2414

Ion	Ratio	Lower	Upper
152	100		
150	131.3	126.6	189.8
115	78.2	53.0	79.4

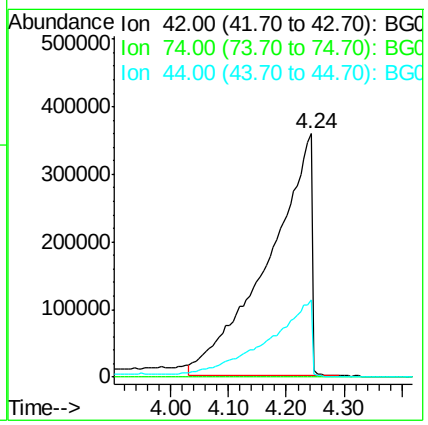


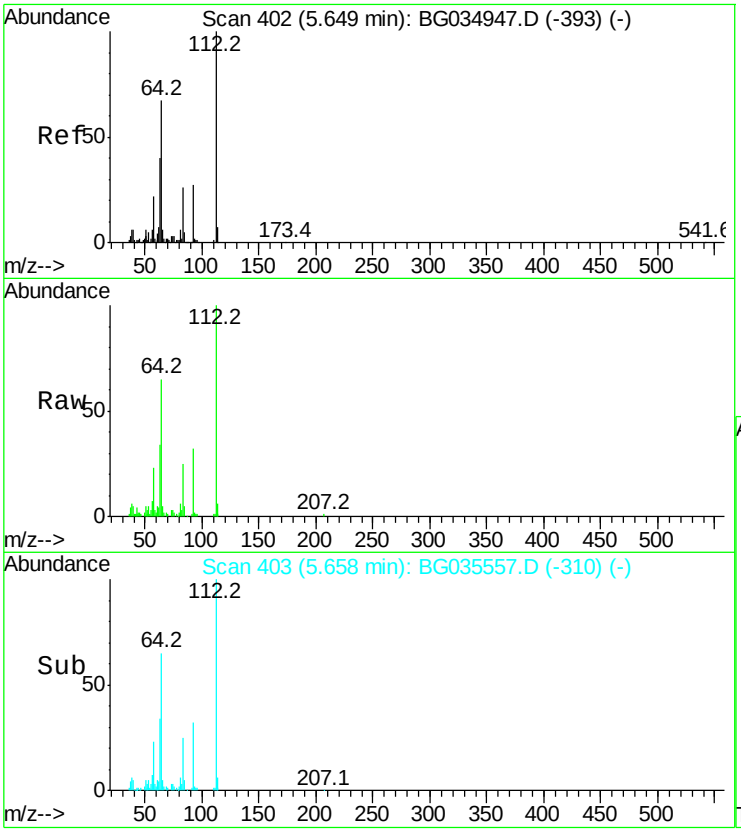


#4
n-Nitrosodimethylamine
Concen: 23593.919 ng
RT: 4.24 min Scan# 162
Delta R.T. 0.37 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion: 42 Resp: 1866521

Ion	Ratio	Lower	Upper
42	100		
74	0.1	102.5	153.7#
44	31.5	18.9	28.3#



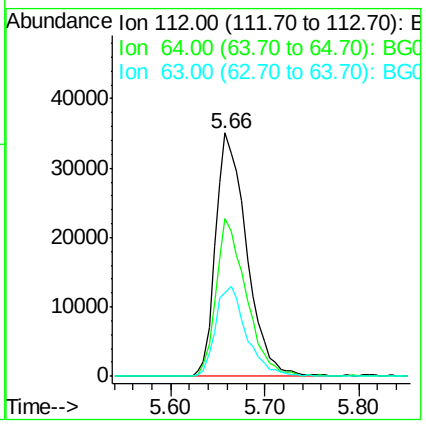


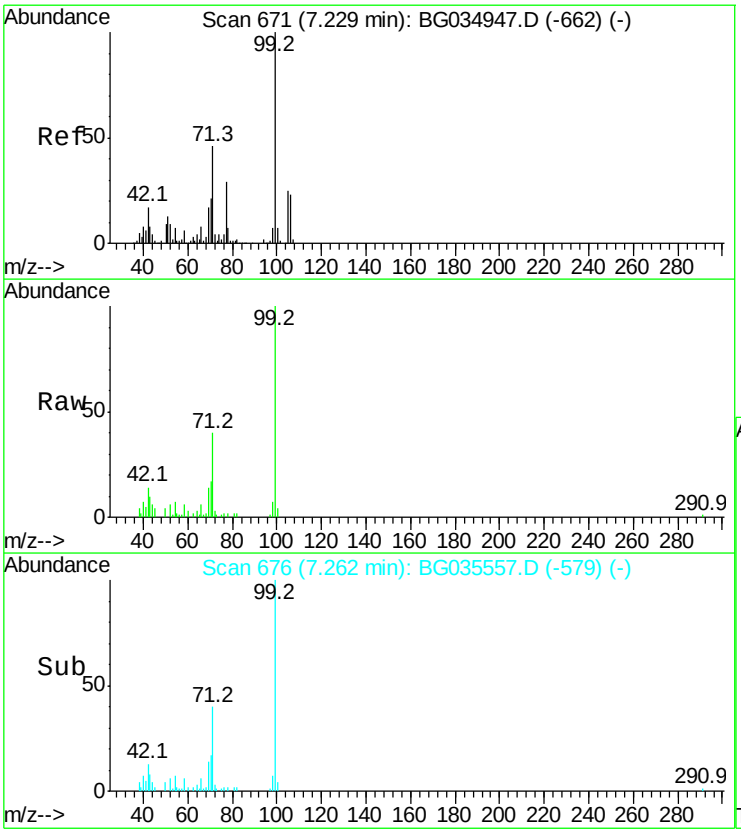
#5
2-Fluorophenol
Concen: 562.755 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 80498

Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	34.4	30.1	45.1

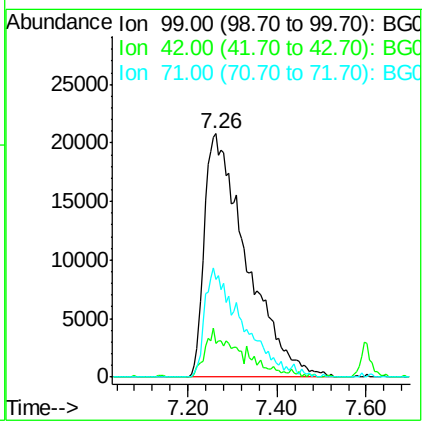


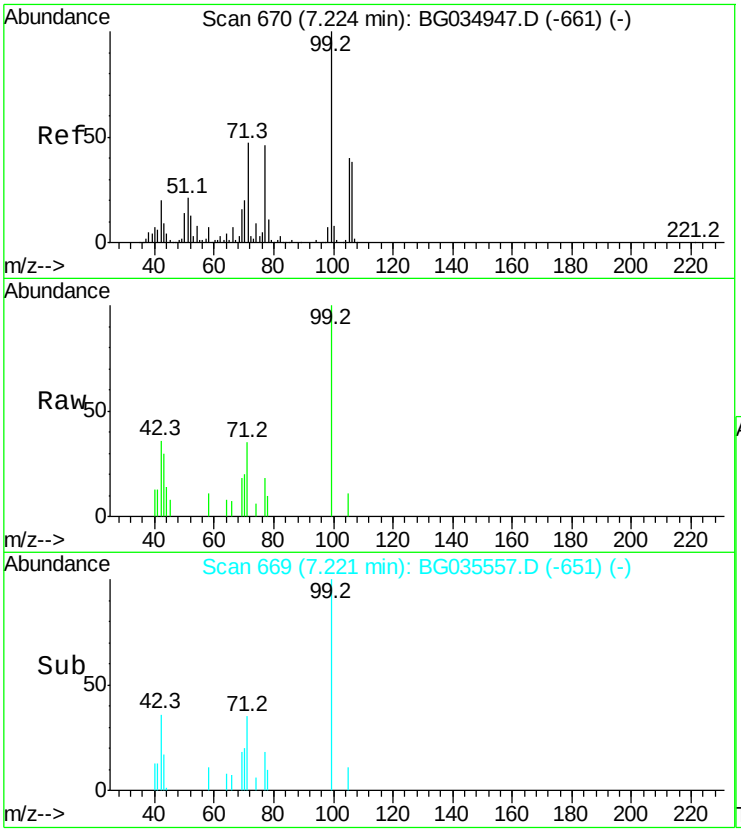


#7
Phenol-d6
Concen: 651.413 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.04 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion: 99 Resp: 137528

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	40.1	26.1	39.1#



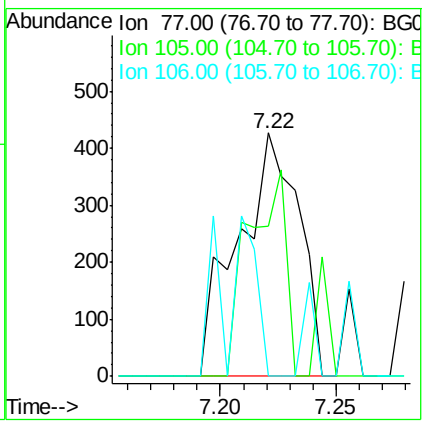


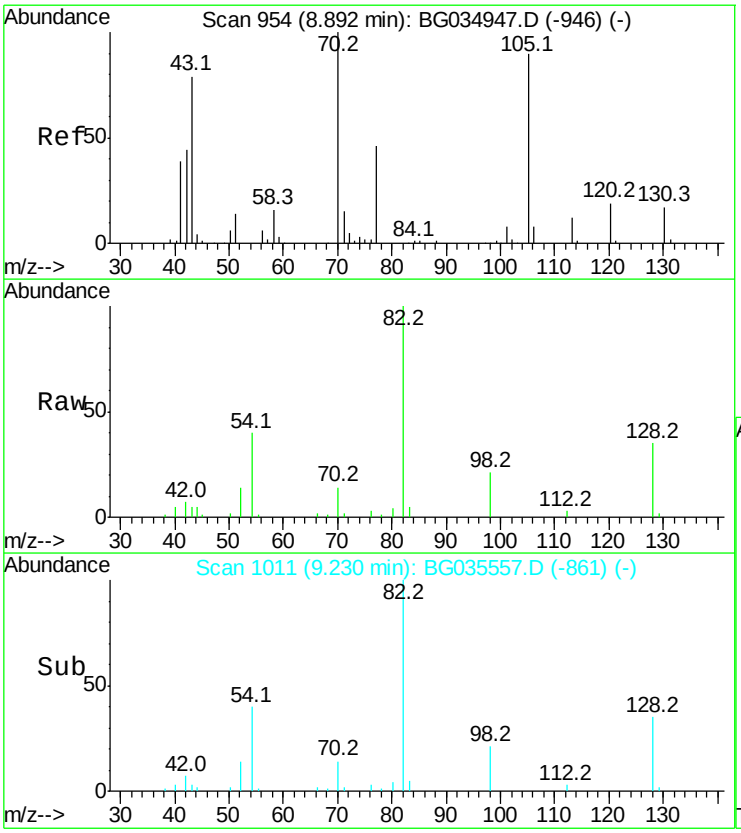
#9
Benzaldehyde
Concen: 4.796 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 780

Ion	Ratio	Lower	Upper
77	100		
105	61.8	71.3	111.3#
106	0.0	64.2	104.2#

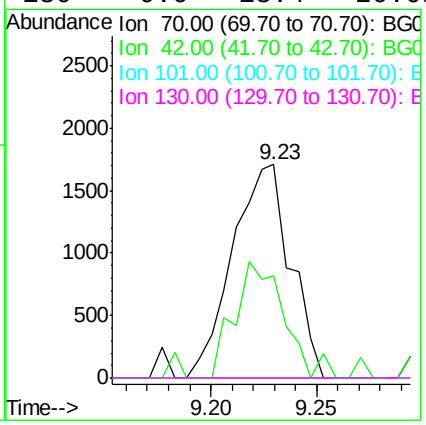


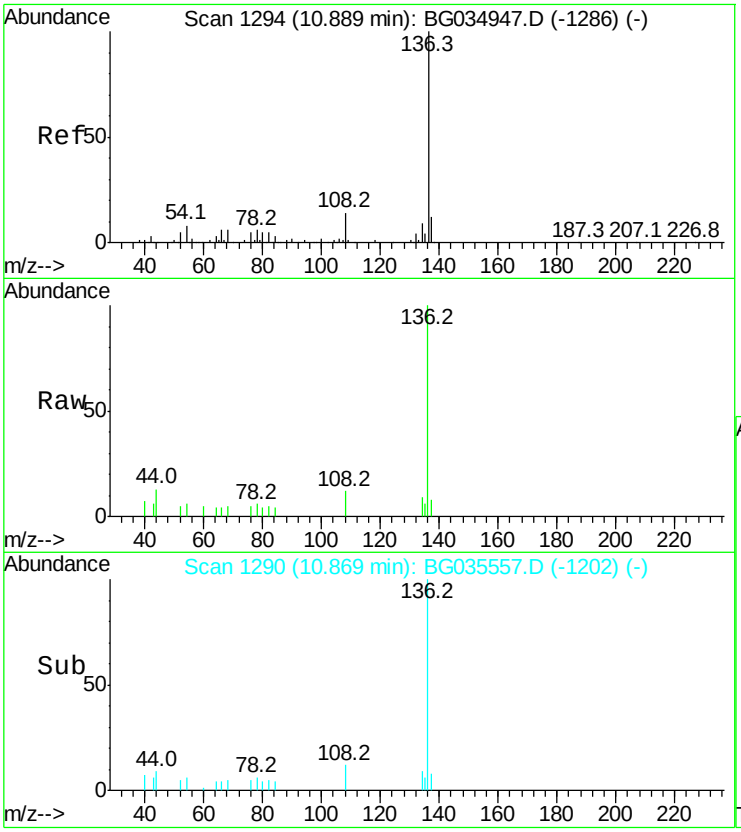


#19
n-Nitroso-di-n-propylamine
Concen: 18.175 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion: 70 Resp: 3260

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



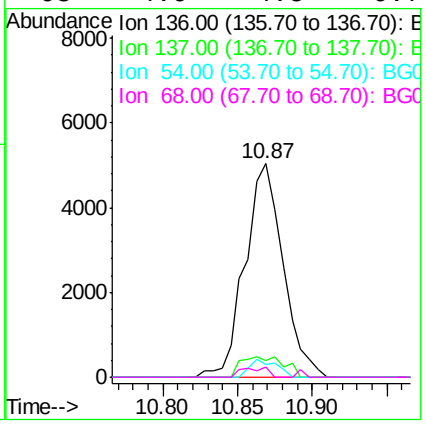


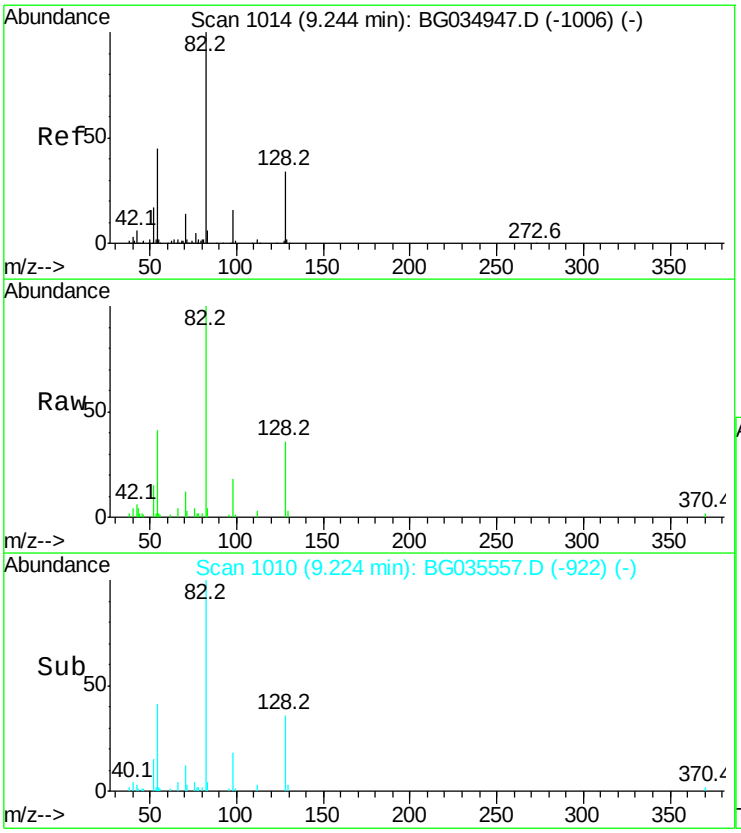
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 8881

Ion	Ratio	Lower	Upper
136	100		
137	7.5	9.2	13.8#
54	6.3	10.3	15.5#
68	4.9	4.5	6.7

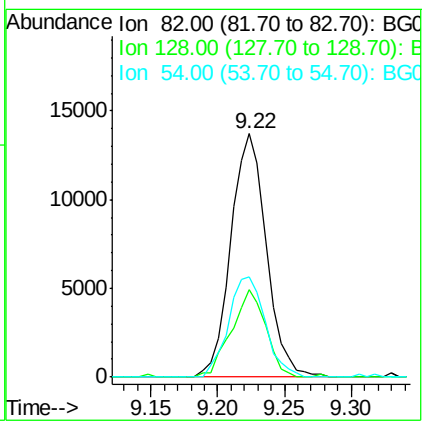


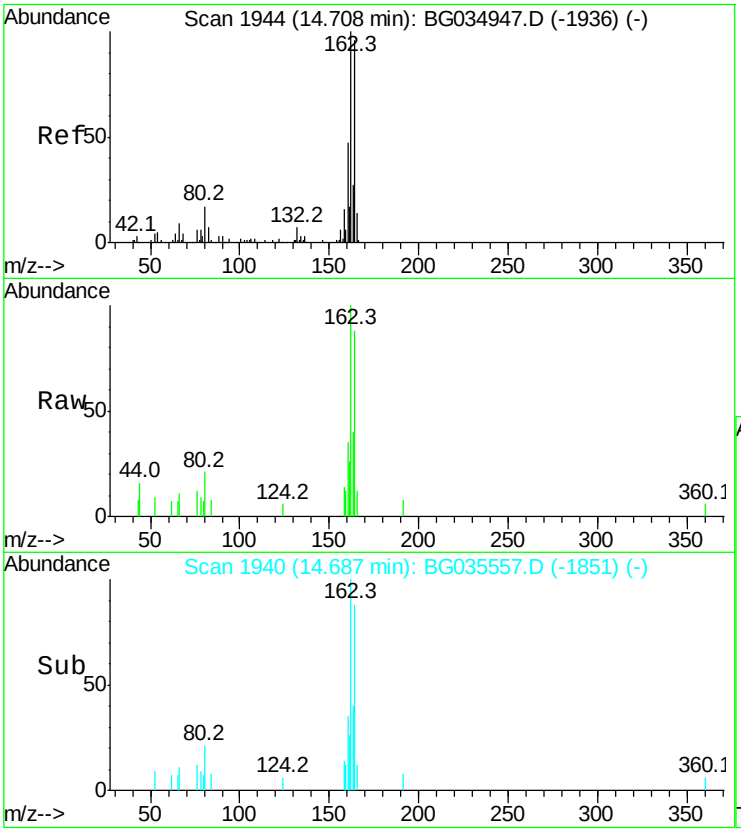


#23
Nitrobenzene-d5
Concen: 135.153 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion: 82 Resp: 25251

Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	41.1	43.1	64.7#



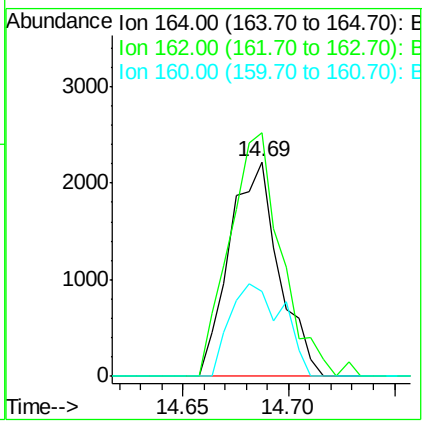


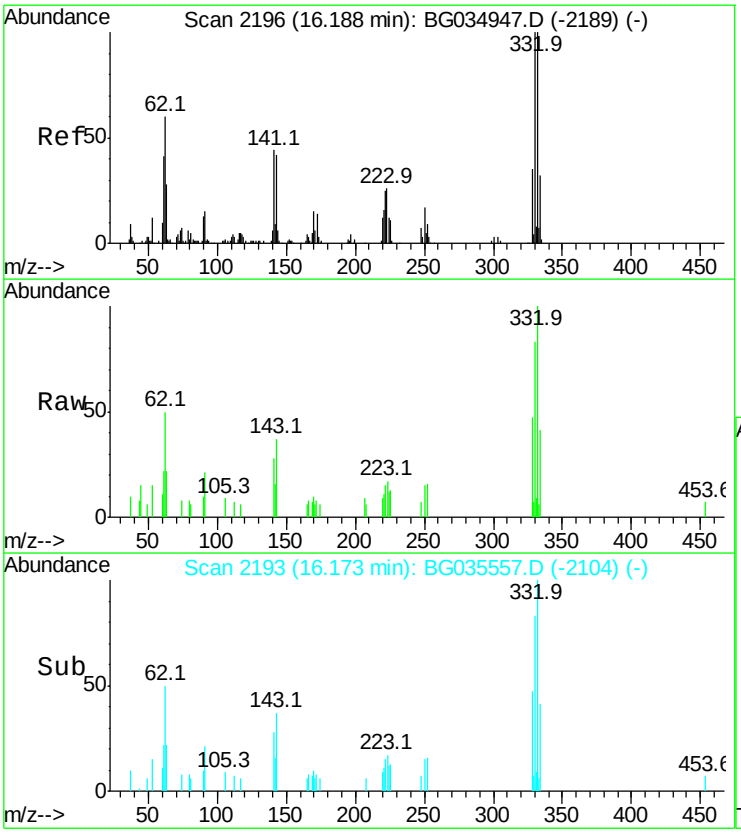
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 3607

Ion	Ratio	Lower	Upper
164	100		
162	113.7	78.8	118.2
160	39.8	35.4	53.0

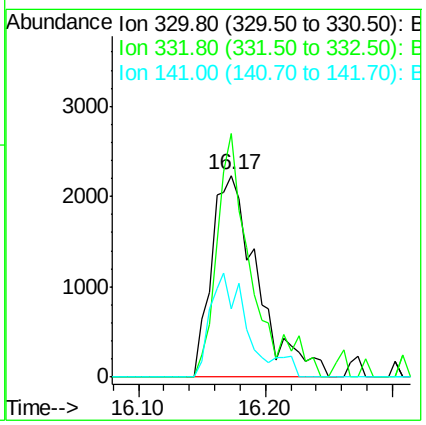


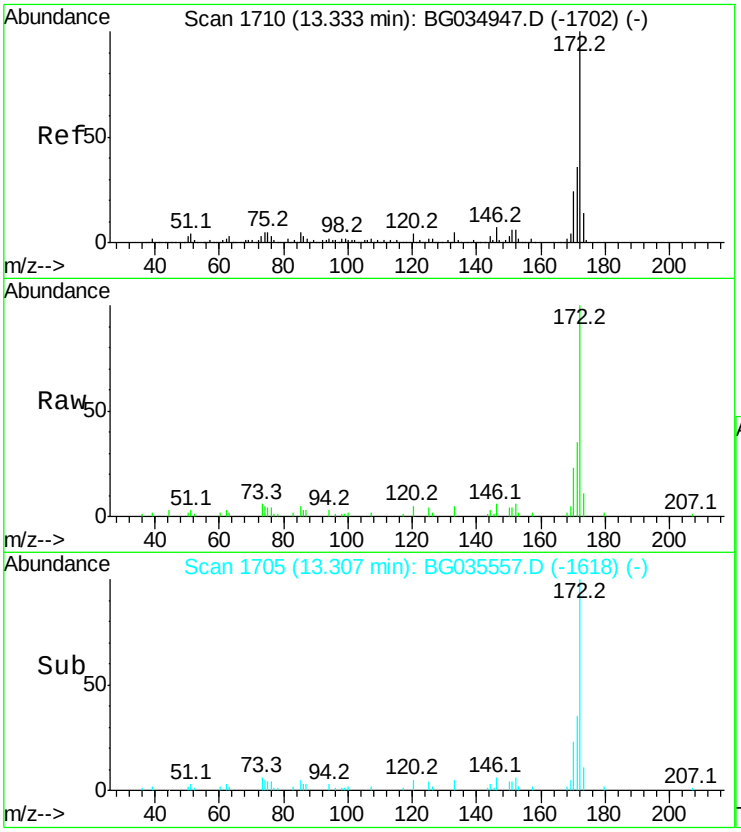


#41
2,4,6-Tribromophenol
Concen: 121.605 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:330 Resp: 5615

Ion	Ratio	Lower	Upper
330	100		
332	81.2	77.0	115.6
141	38.2	25.2	37.8#



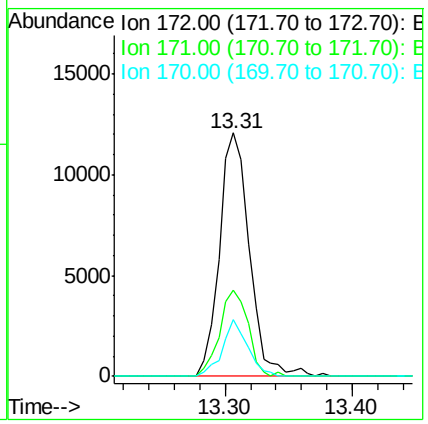


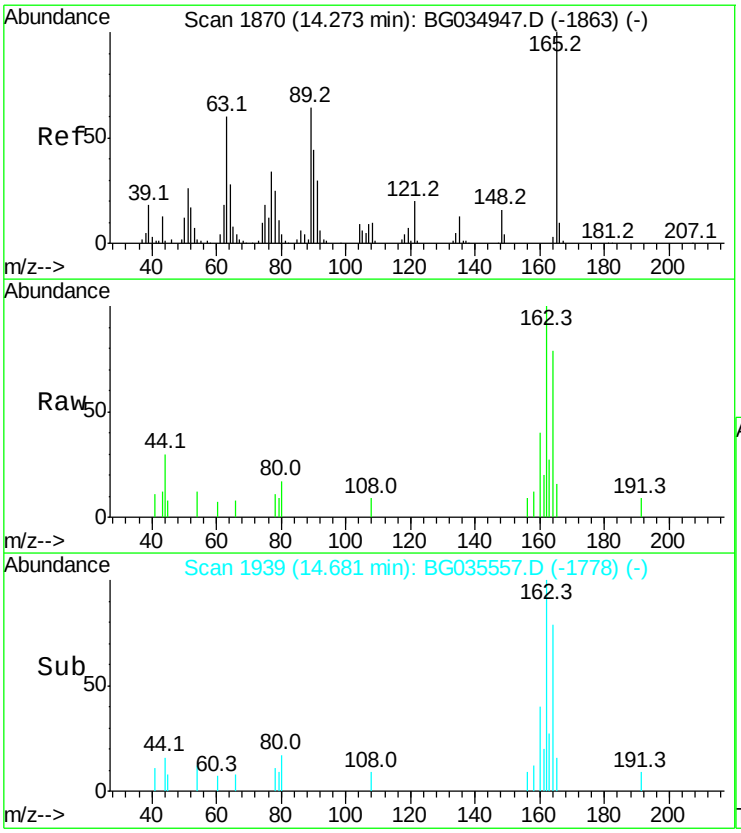
#44
2-Fluorobiphenyl
Concen: 71.217 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 19760

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.1	19.5	29.3

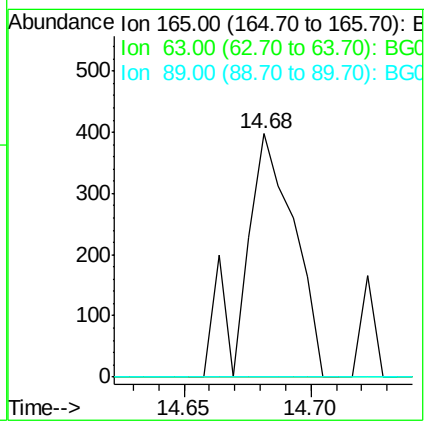


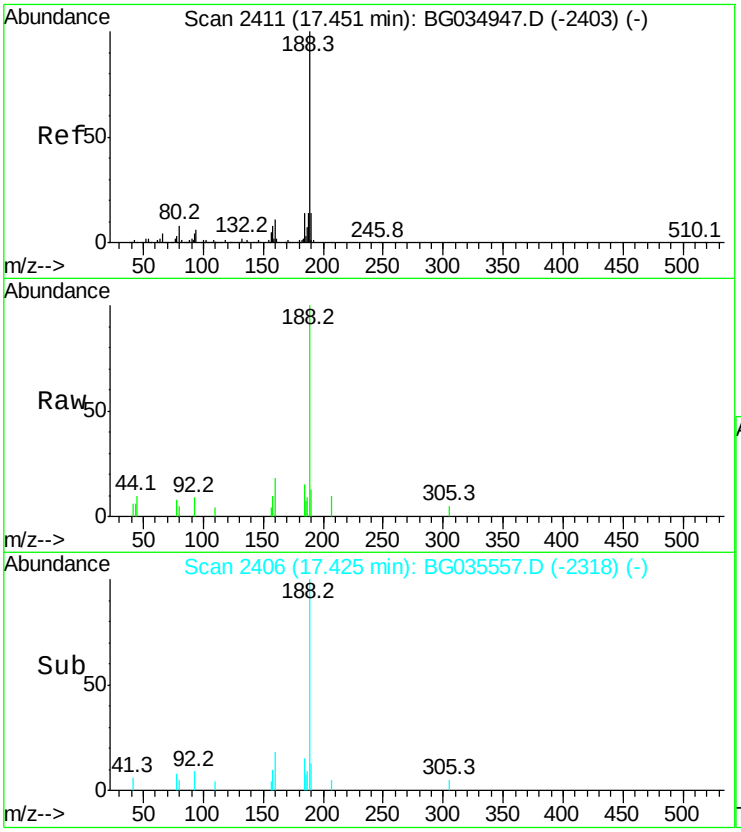


#50
2,6-Dinitrotoluene
Concen: 9.585 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:165 Resp: 550

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



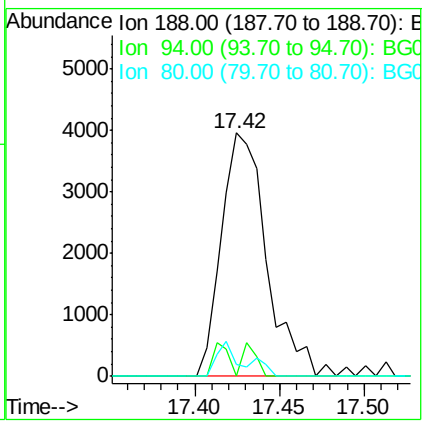


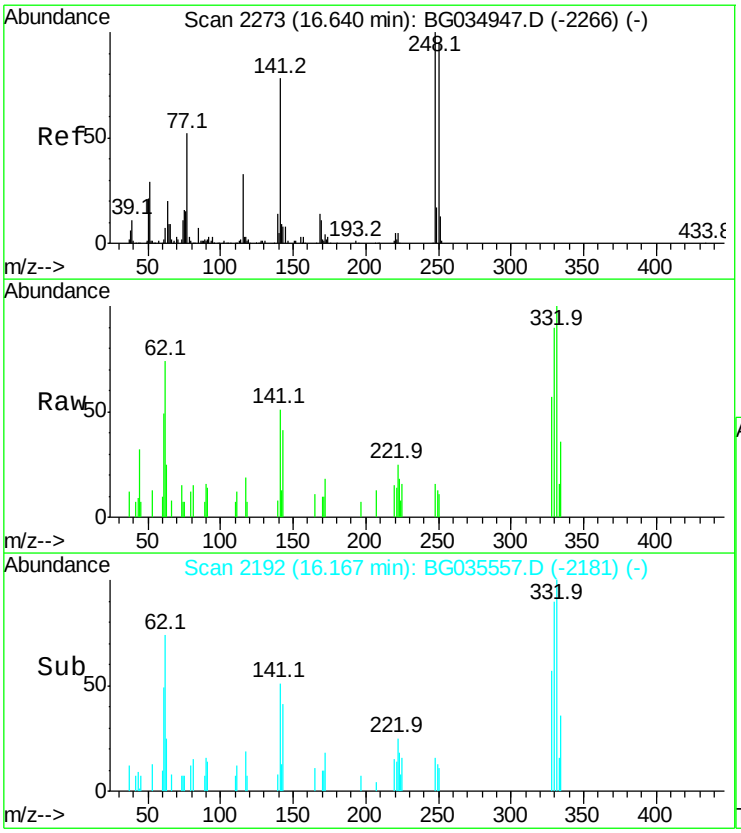
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 7361

Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.9	10.3#
80	5.1	7.7	11.5#

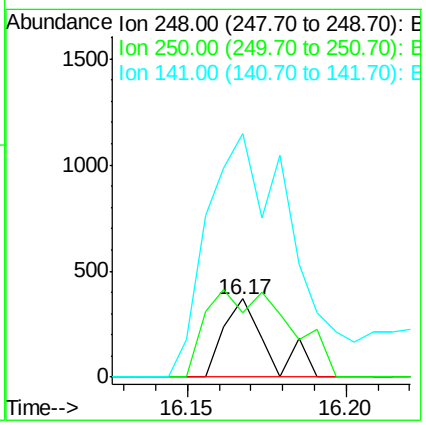


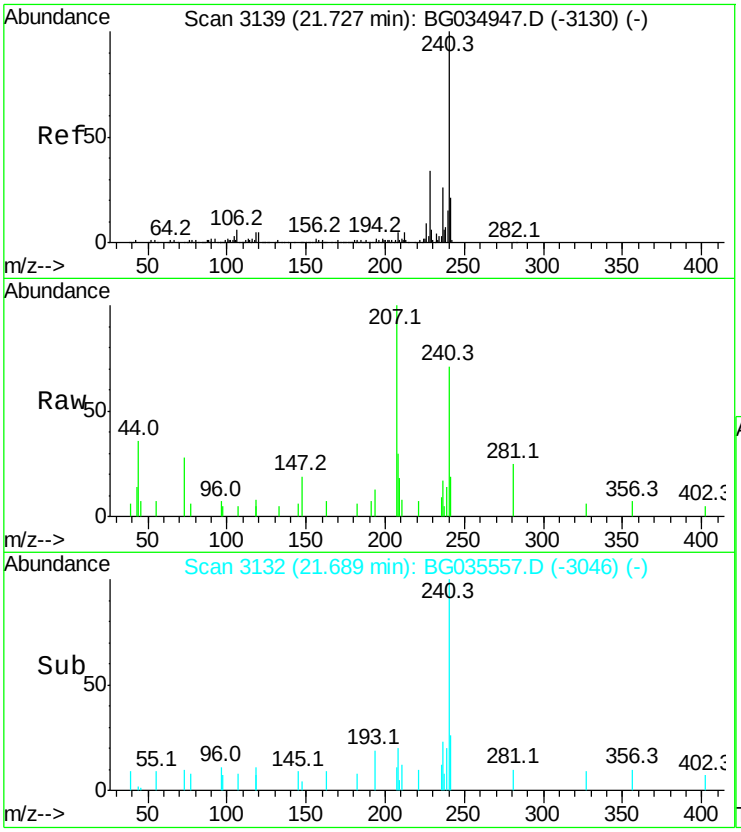


#66
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:248 Resp: 342

Ion	Ratio	Lower	Upper
248	100		
250	82.1	77.1	115.7
141	312.0	50.8	76.2#



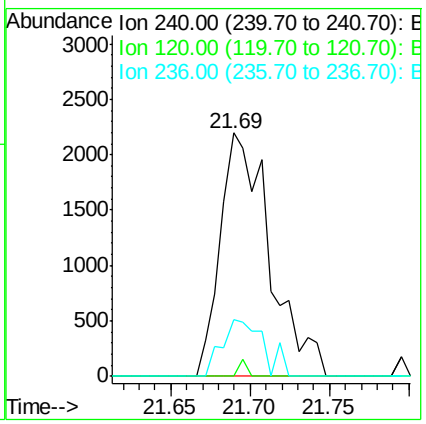


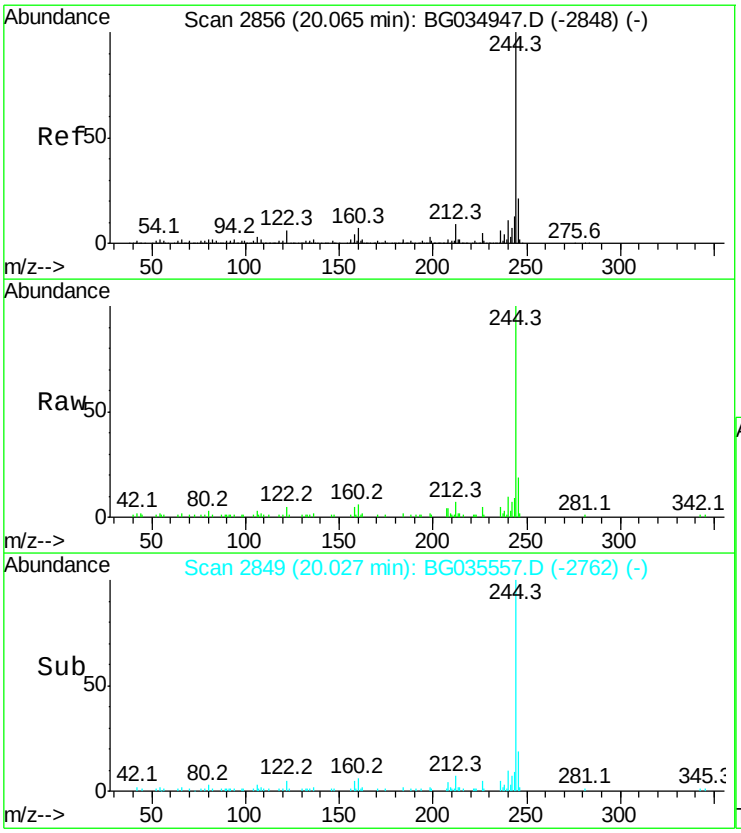
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 4763

Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.8	10.2#
236	23.4	20.9	31.3

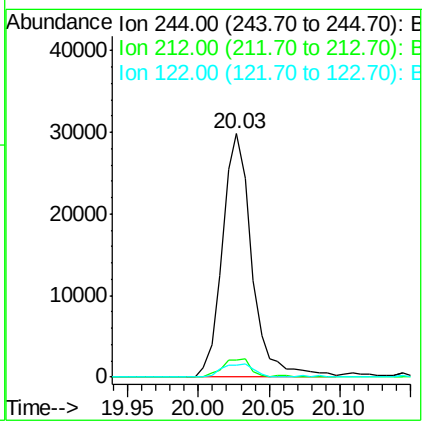


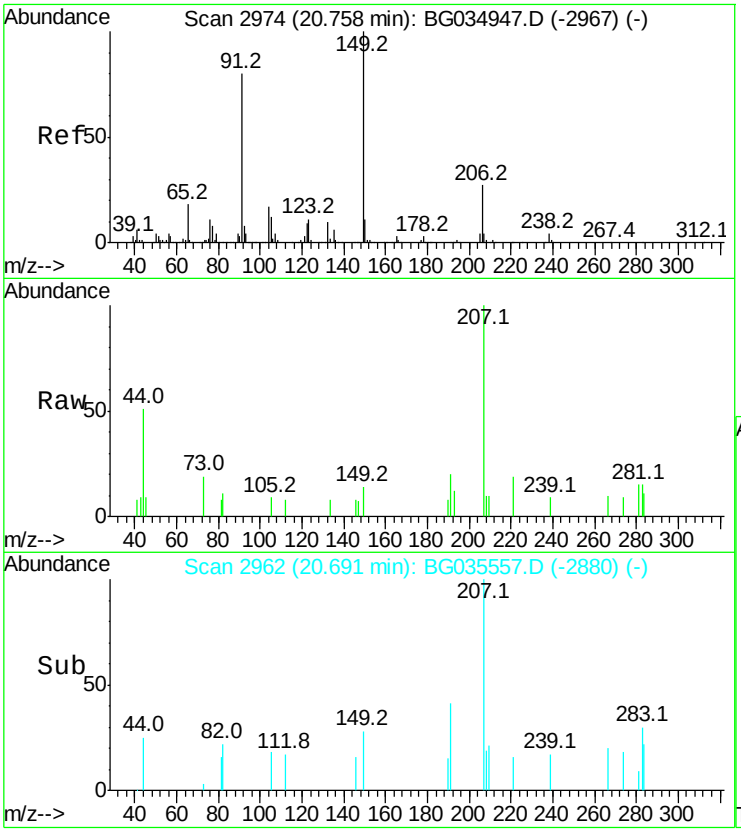


#78
Terphenyl-d14
Concen: 190.399 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:244 Resp: 43294

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	4.8	7.0	10.4#



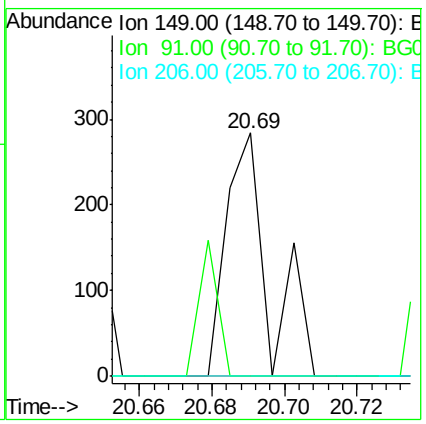


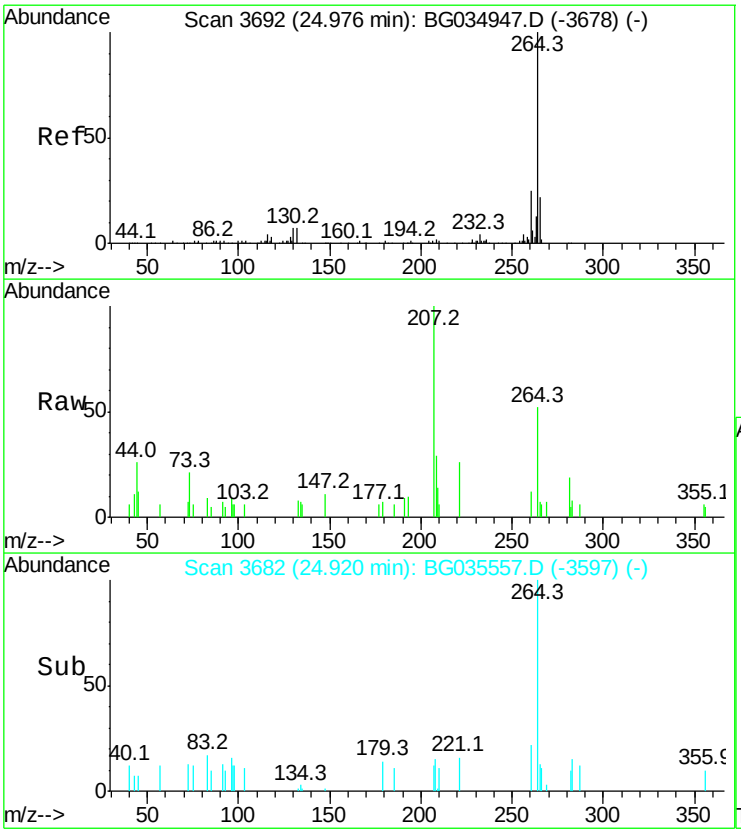
#79
Butylbenzylphthalate
Concen: 2.035 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.05 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 232

Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:264 Resp: 4185

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	12.8	17.7	26.5#