Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035811.D
Acq On : 21 Jul 2018 9:05
Operator : JU/SJ
Sample : J4062-30
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-9

Quant Time: Jul 23 01:02:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43460	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152457	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	105184	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	291366	20.00	ng	0.00
75) Chrysene-d12	21.66	240	349531	20.00	ng	0.00
86) Perylene-d12	24.86	264	324851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323520	123.59	ng	0.00
7) Phenol-d6	7.19	99	406751	104.15	ng	0.00
23) Nitrobenzene-d5	9.19	82	333204	91.30	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	211773	152.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	762896	97.17	ng	0.00
78) Terphenyl-d14	20.00	244	1558197	98.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	46803	14.231	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	15009	7.998	ng	# 20
53) 2,4-Dinitrophenol	14.85	184	77	6.655	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	15009	5.575	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	16929	5.008	ng	# 1
76) Benzidine	20.00	184	27065	2.945	ng	# 92

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

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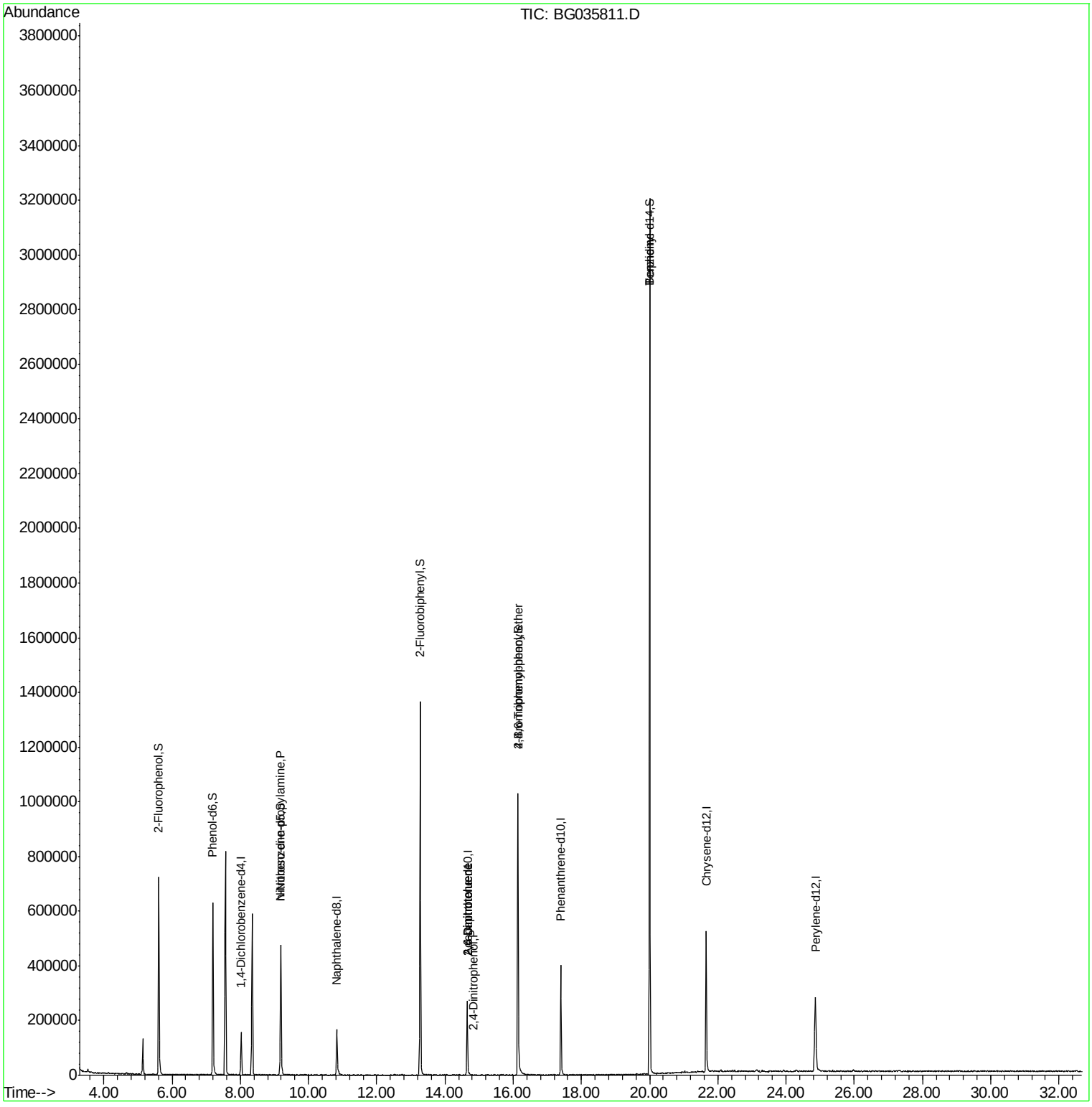
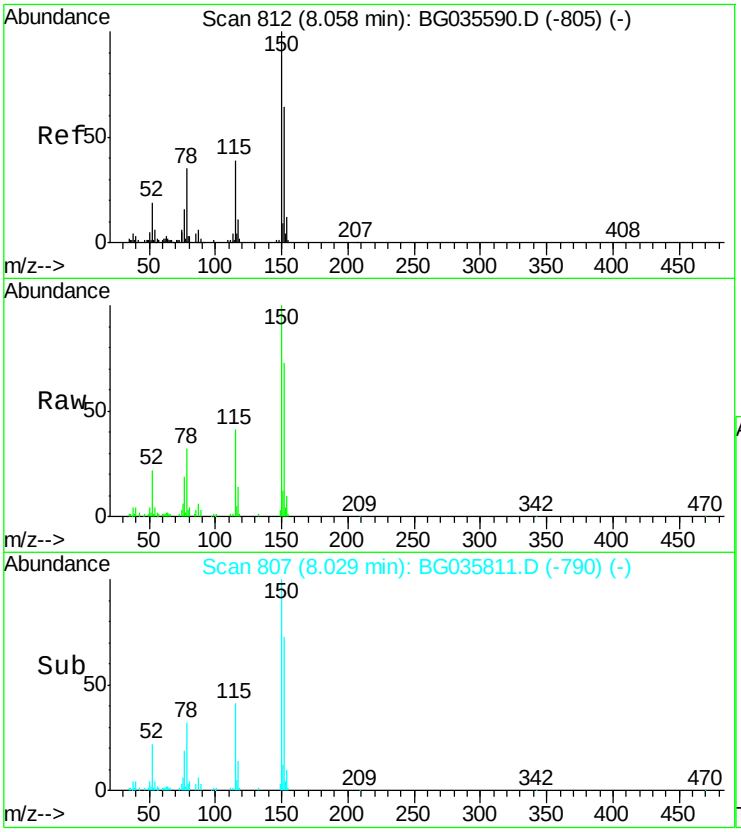


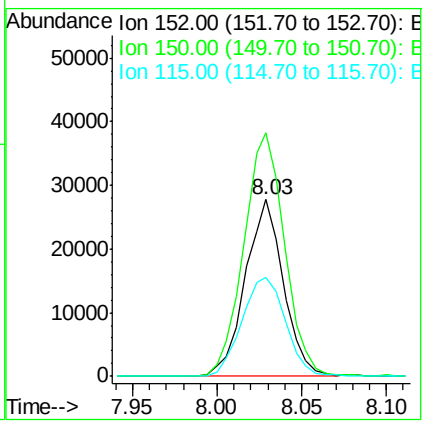


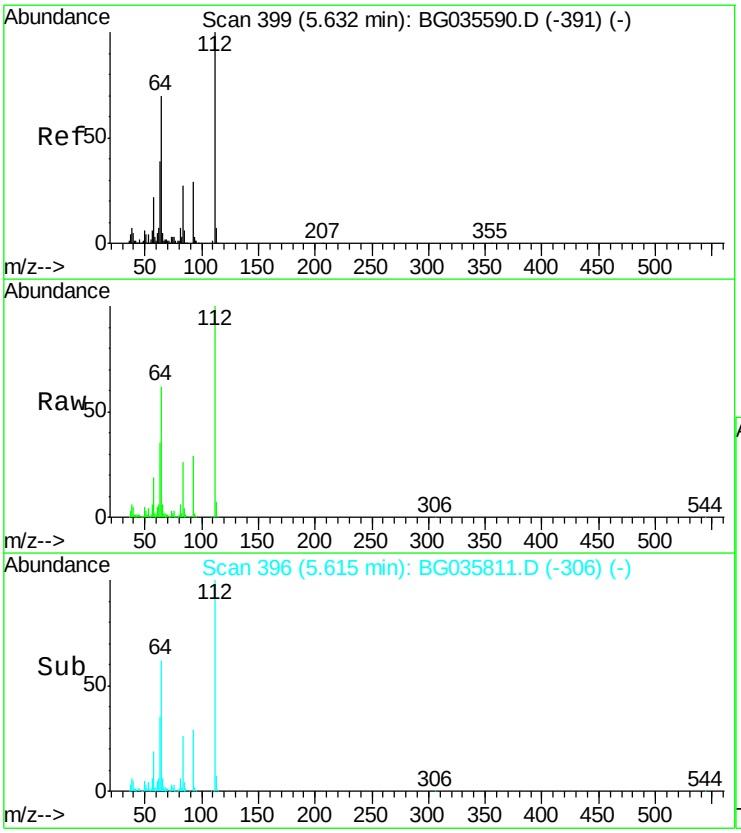
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 43460

Ion	Ratio	Lower	Upper
152	100		
150	137.7	126.6	189.8
115	55.9	53.0	79.4

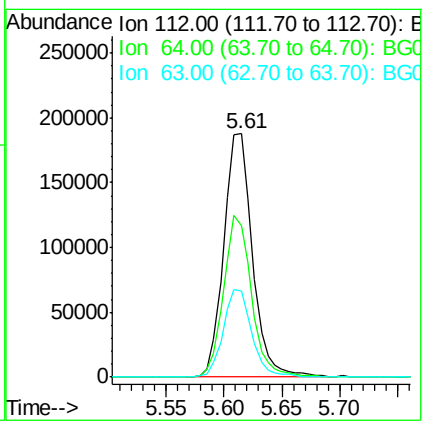


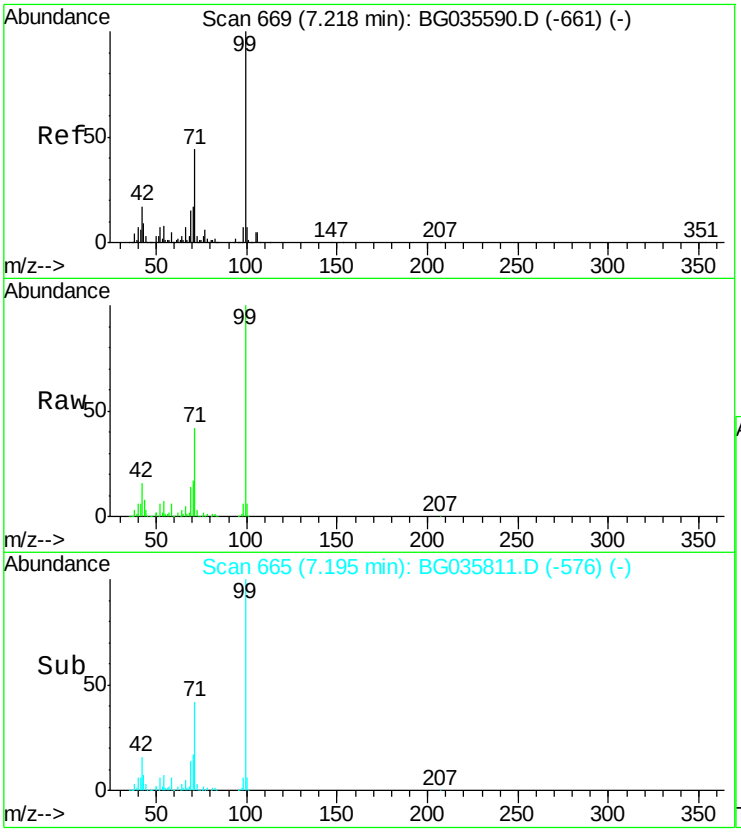


#5
2-Fluorophenol
Concen: 123.589 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:112 Resp: 323520

Ion	Ratio	Lower	Upper
112	100		
64	62.3	56.3	84.5
63	35.2	30.1	45.1



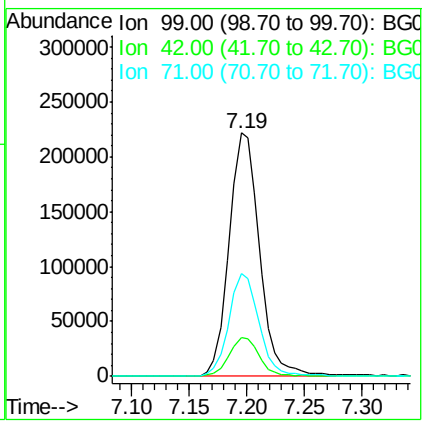


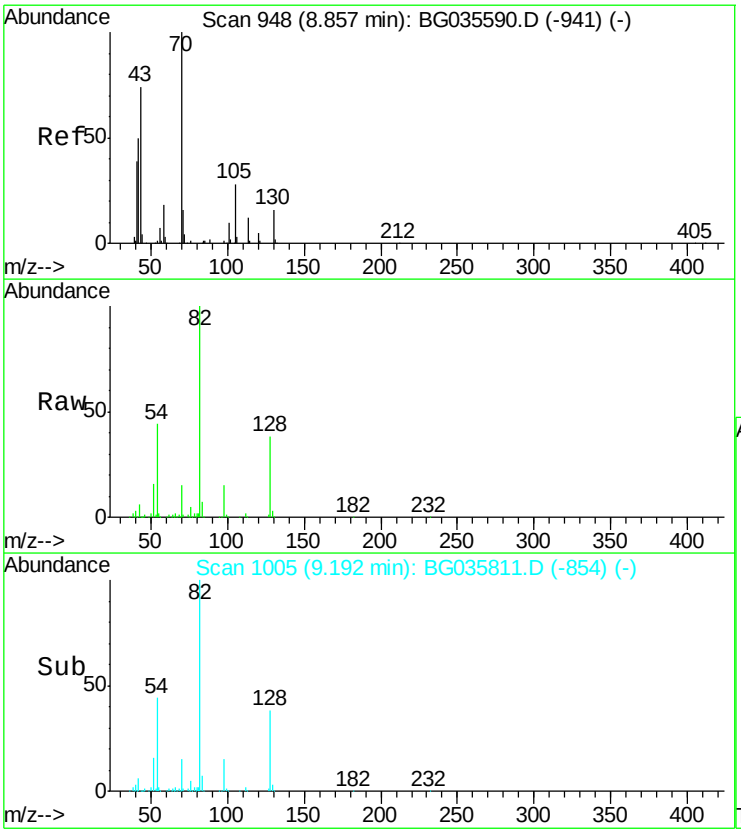
#7
Phenol-d6
Concen: 104.146 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 406751

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	42.3	26.1	39.1#

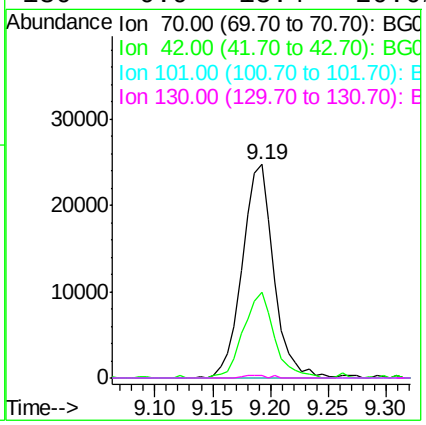


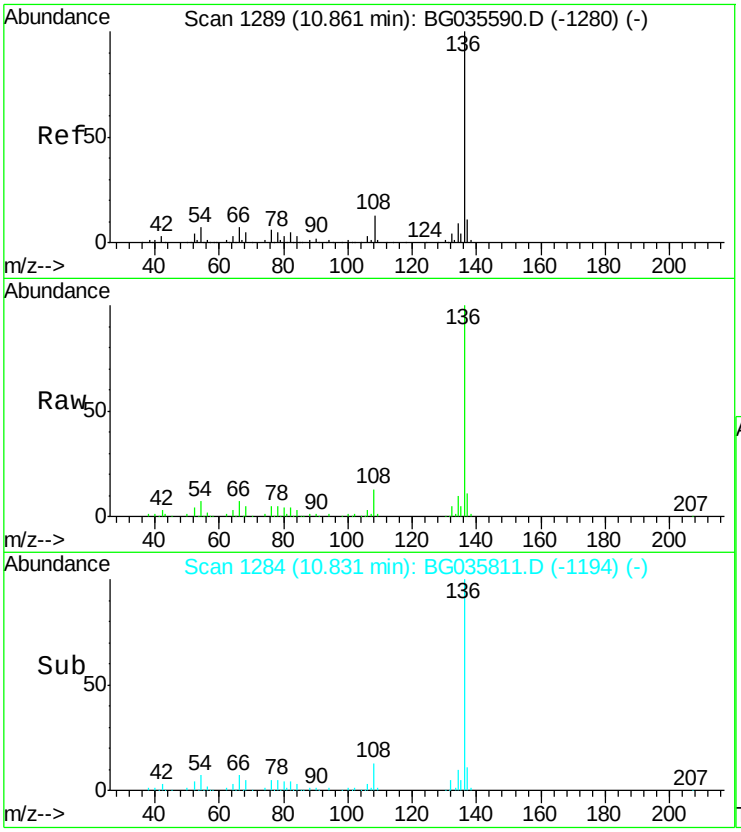


#19
n-Nitroso-di-n-propylamine
Concen: 14.231 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.36 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion: 70 Resp: 46803

Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



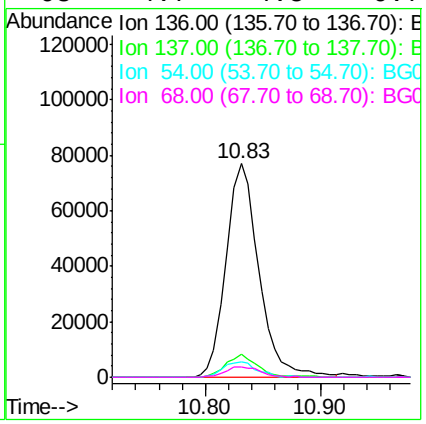


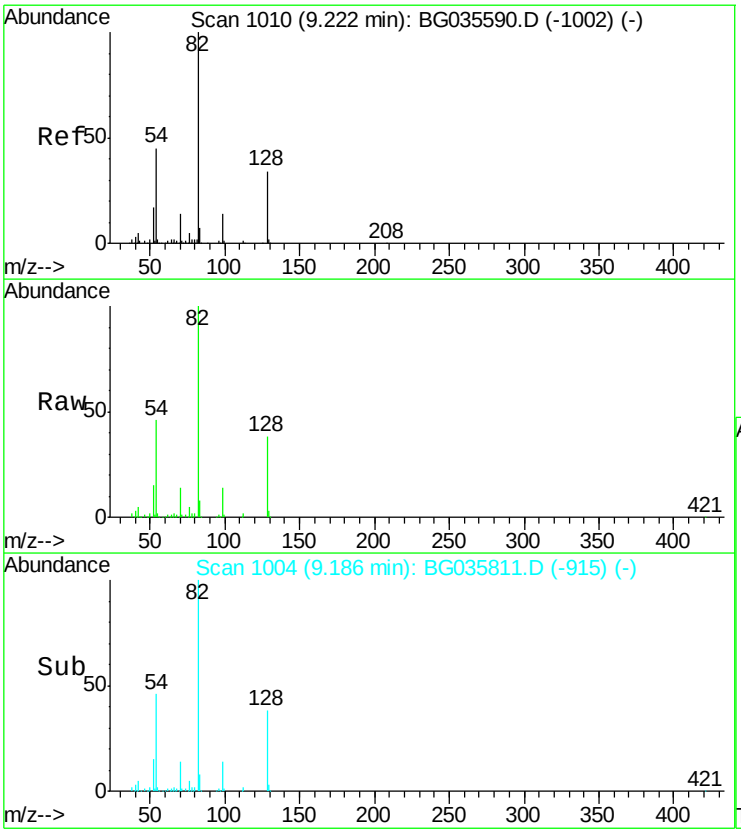
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:136 Resp: 152457

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.0	10.3	15.5#
68	4.7	4.5	6.7

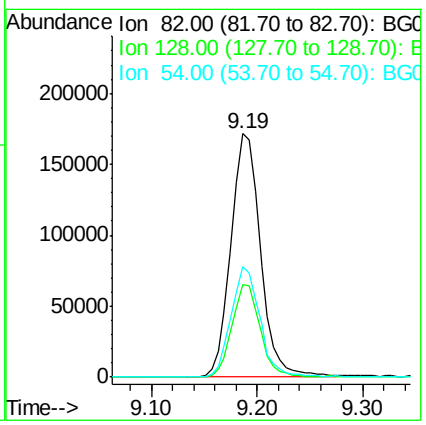


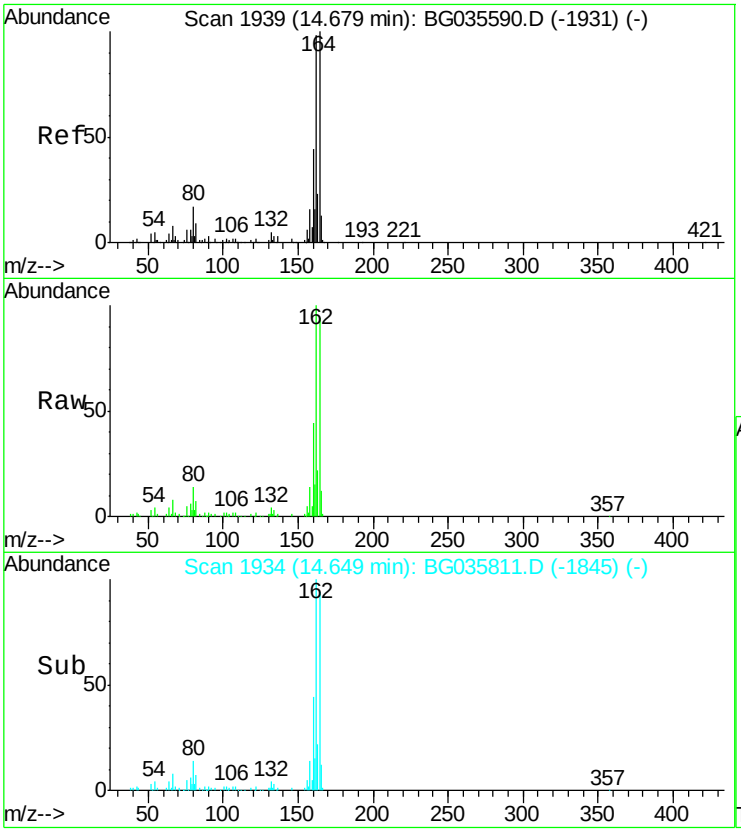


#23
Nitrobenzene-d5
Concen: 91.301 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion: 82 Resp: 333204

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	45.6	43.1	64.7



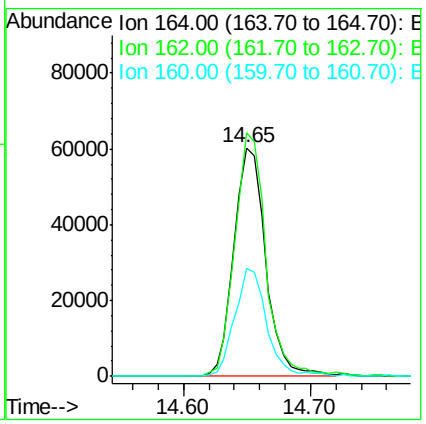


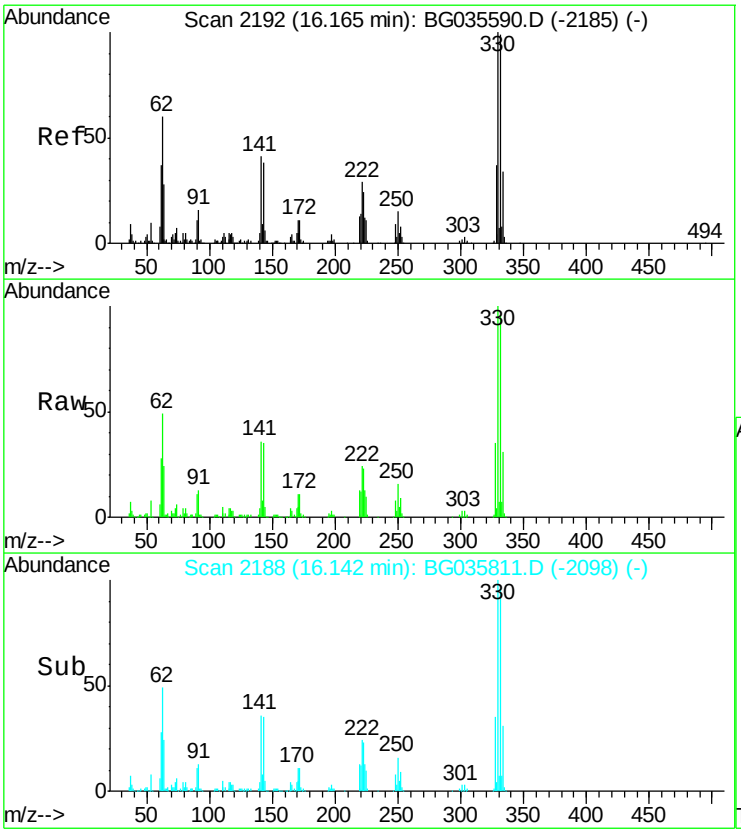
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:164 Resp: 105184

Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	46.9	35.4	53.0

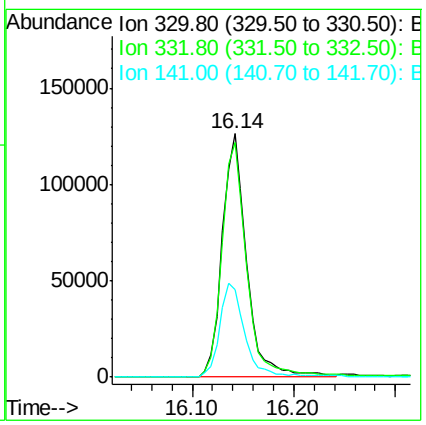


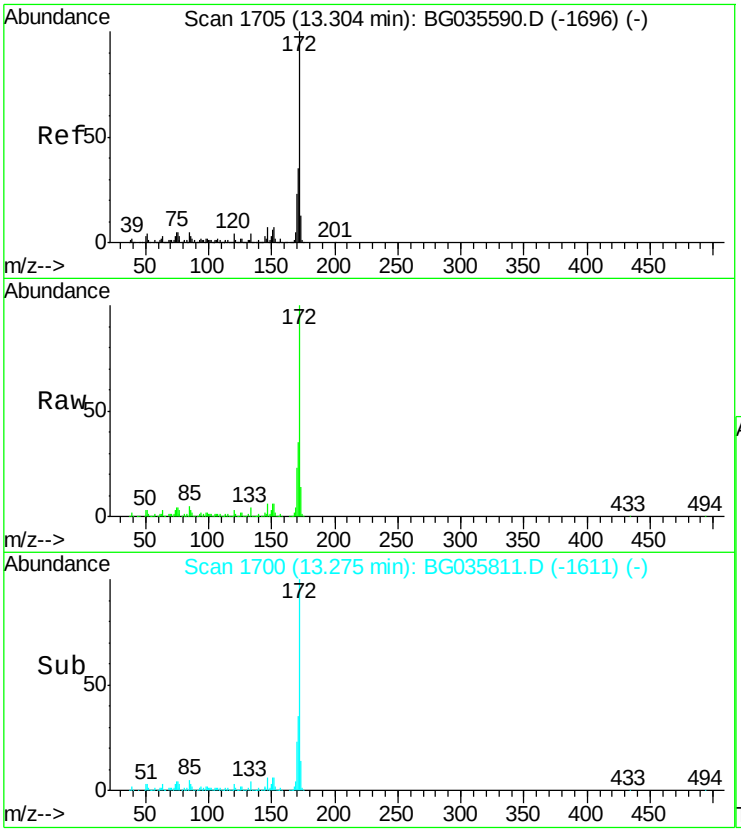


#41
2,4,6-Tribromophenol
Concen: 152.751 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:330 Resp: 211773

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	39.2	25.2	37.8#



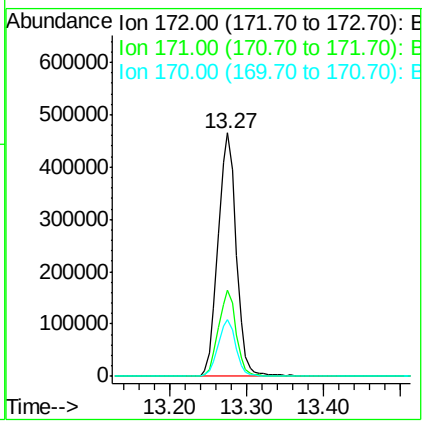


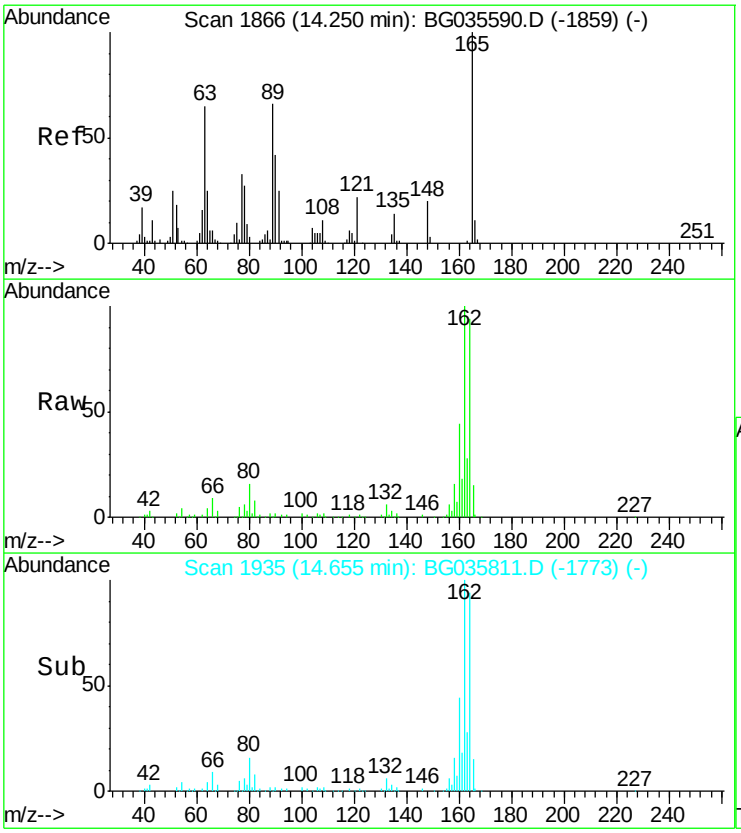
#44
2-Fluorobiphenyl
Concen: 97.171 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:172 Resp: 762896

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.3	19.5	29.3

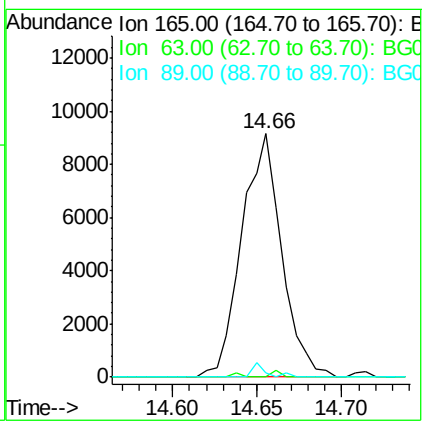


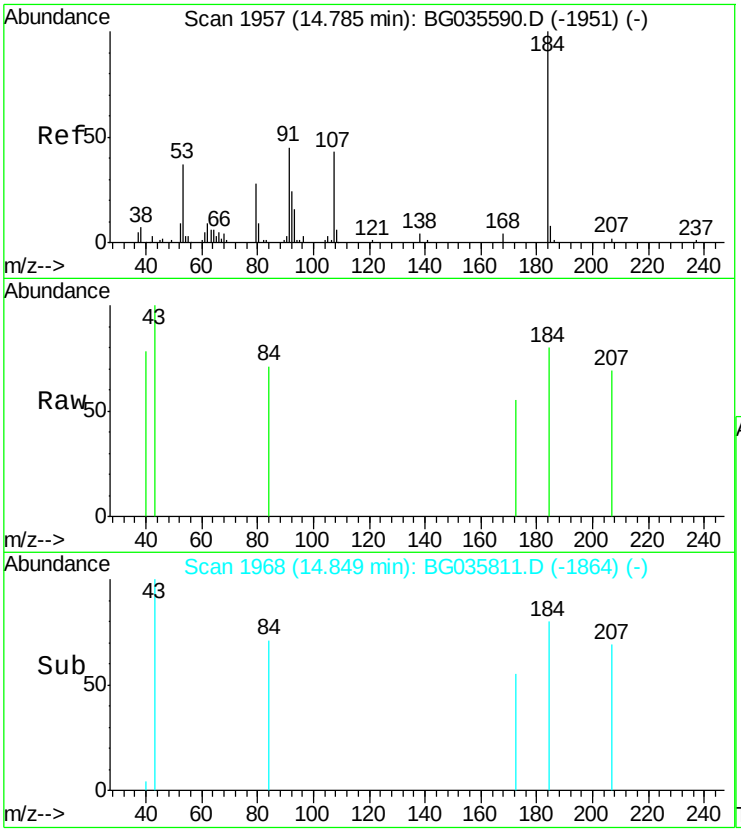


#50
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:165 Resp: 15009

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#



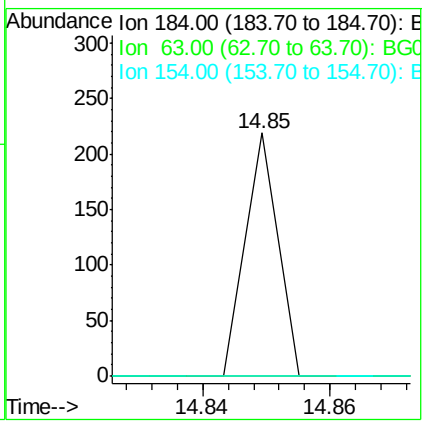


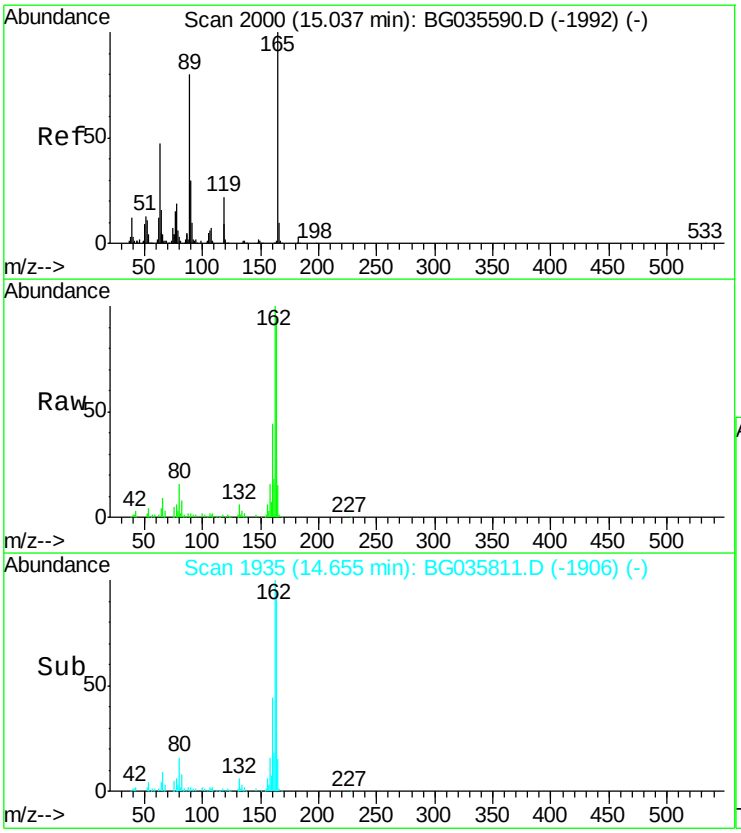
#53
2,4-Dinitrophenol
Concen: 6.655 ng
RT: 14.85 min Scan# 1968
Delta R.T. 0.08 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:184 Resp: 77

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

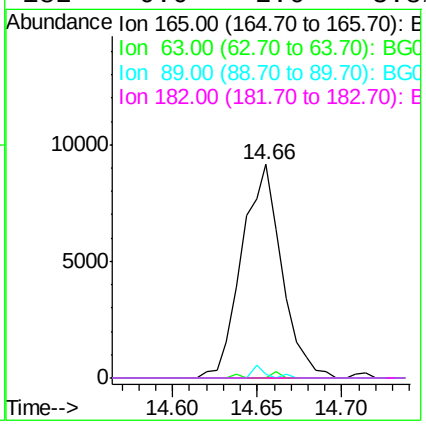


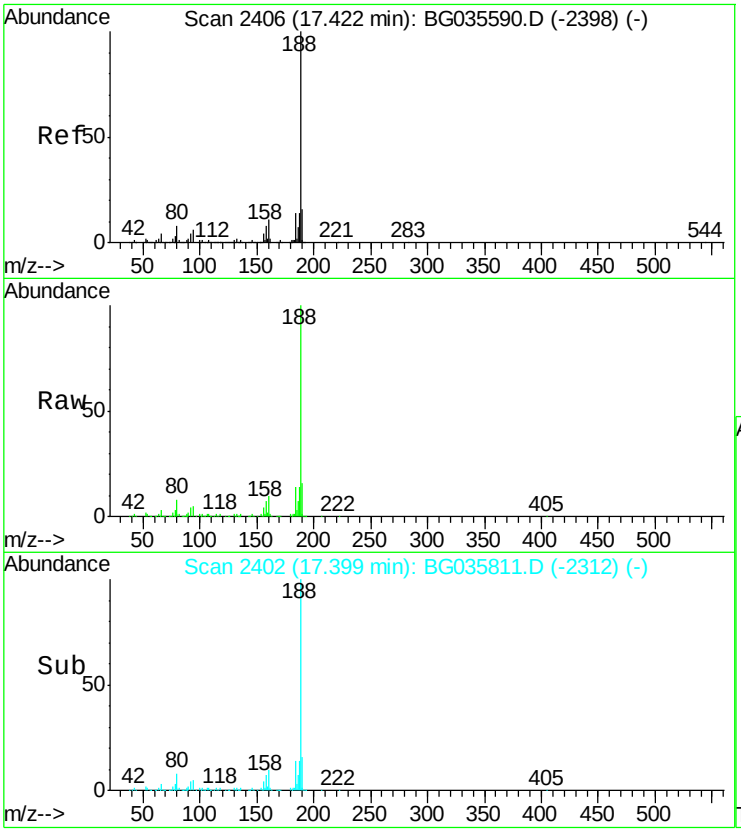


#56
2,4-Dinitrotoluene
Concen: 5.575 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:165 Resp: 15009

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



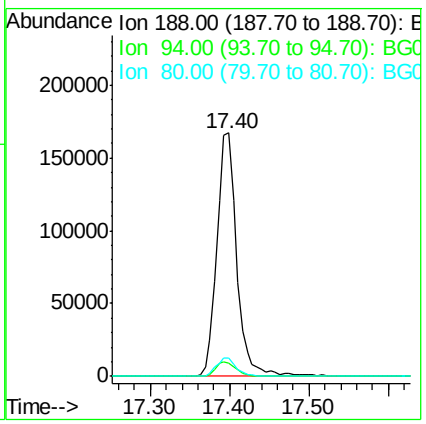


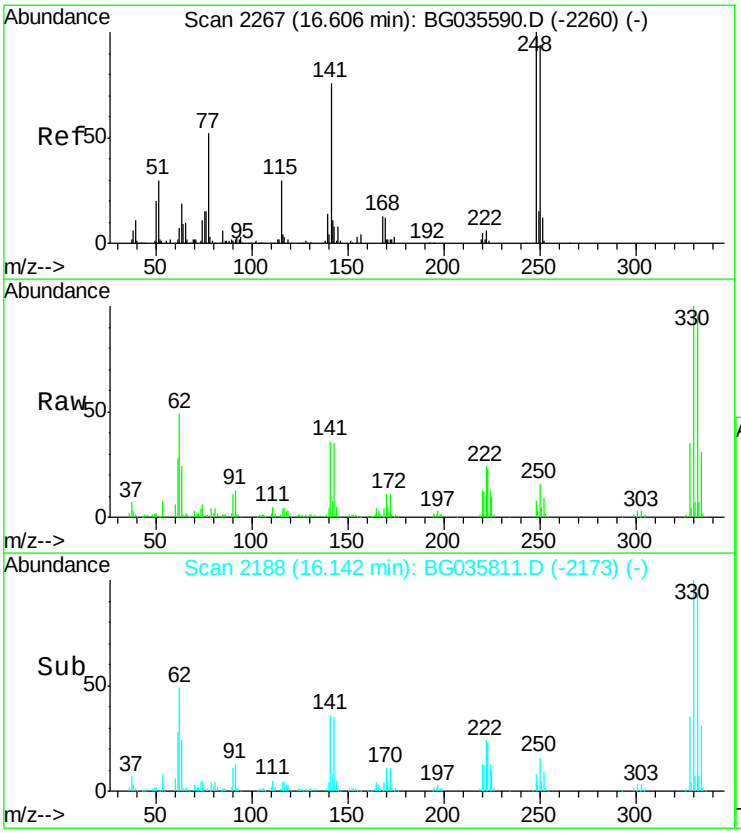
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:188 Resp: 291366

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.6	7.7	11.5#

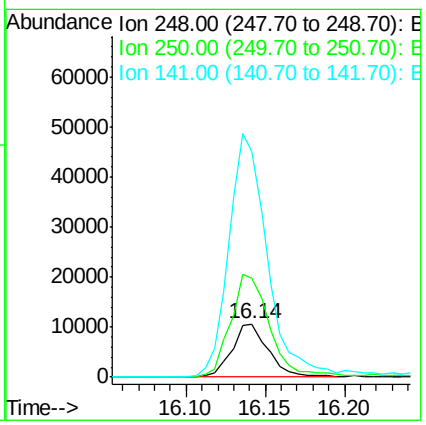


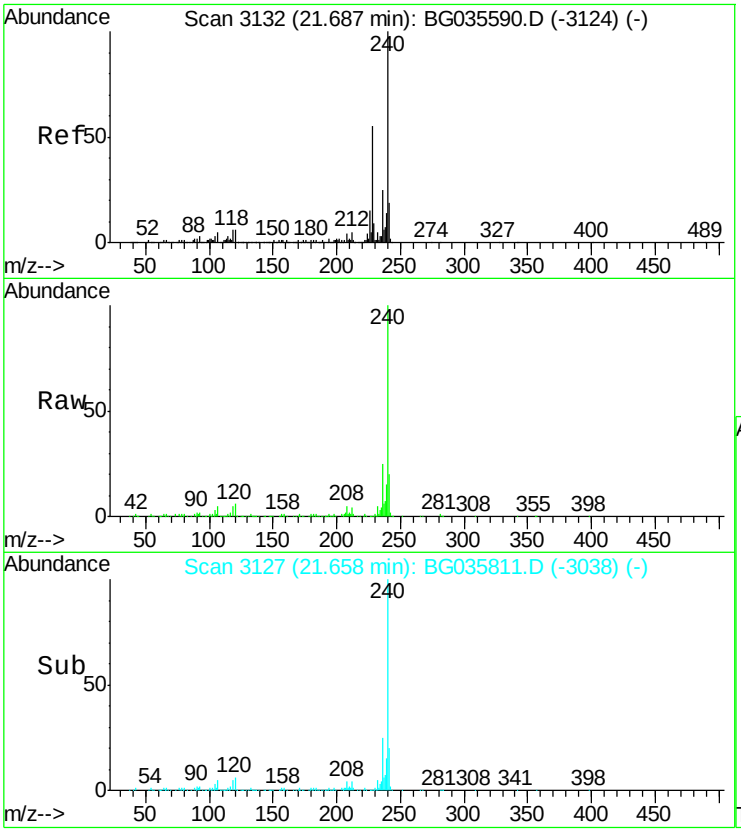


#66
4-Bromophenyl-phenylether
Concen: 5.008 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:248 Resp: 16929

Ion	Ratio	Lower	Upper
248	100		
250	186.5	77.1	115.7#
141	424.2	50.8	76.2#



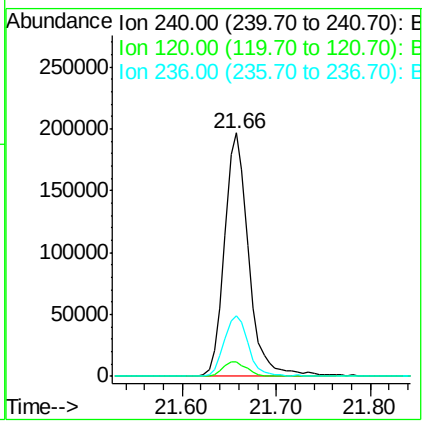


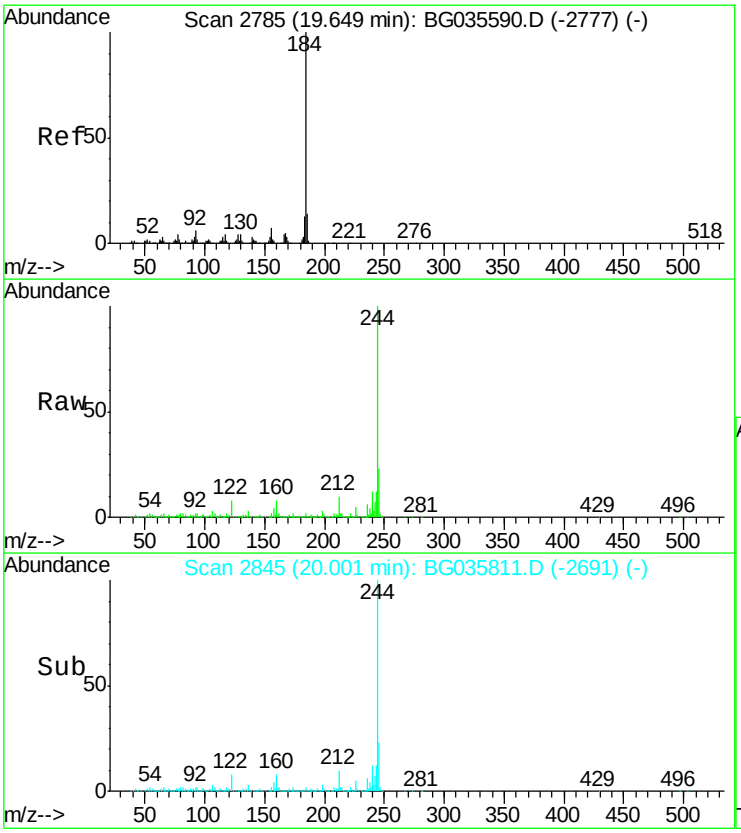
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:240 Resp: 349531

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	24.9	20.9	31.3

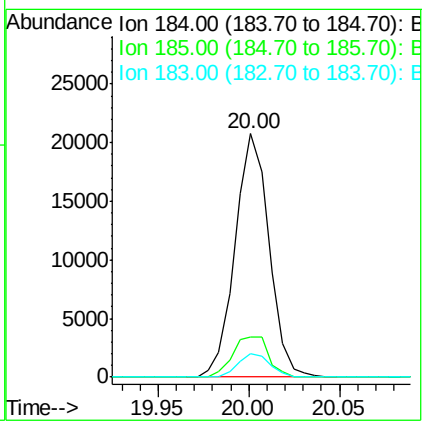


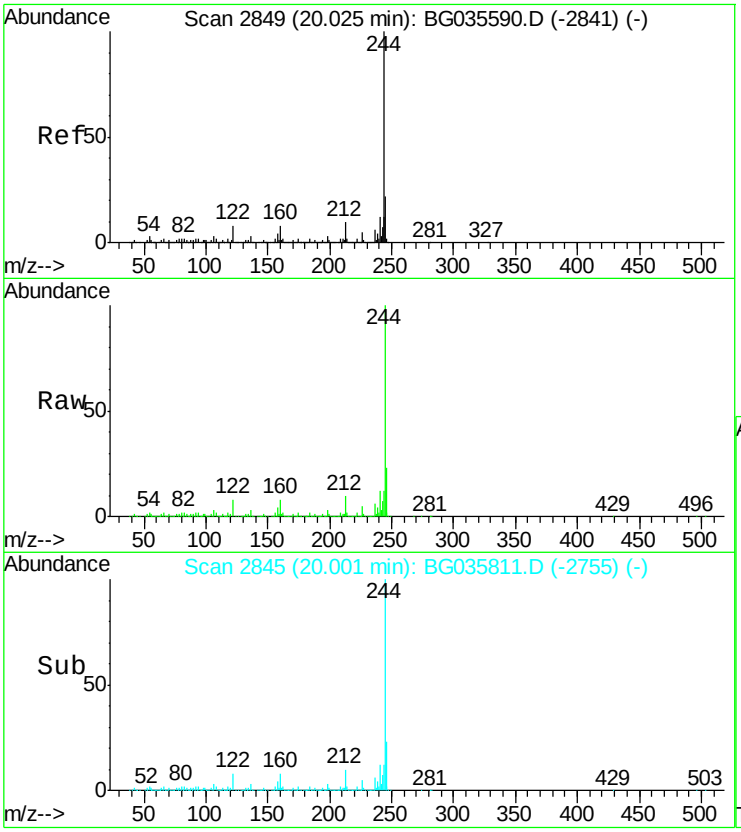


#76
Benzidine
Concen: 2.945 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.38 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:184 Resp: 27065

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.7	10.6	16.0#



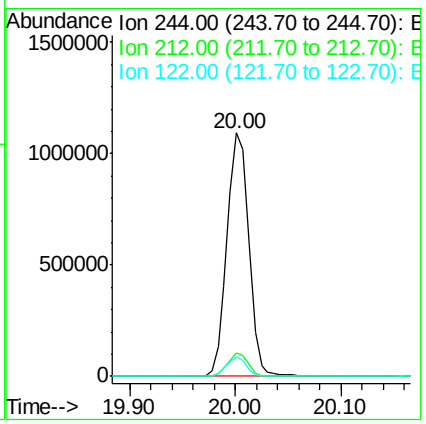


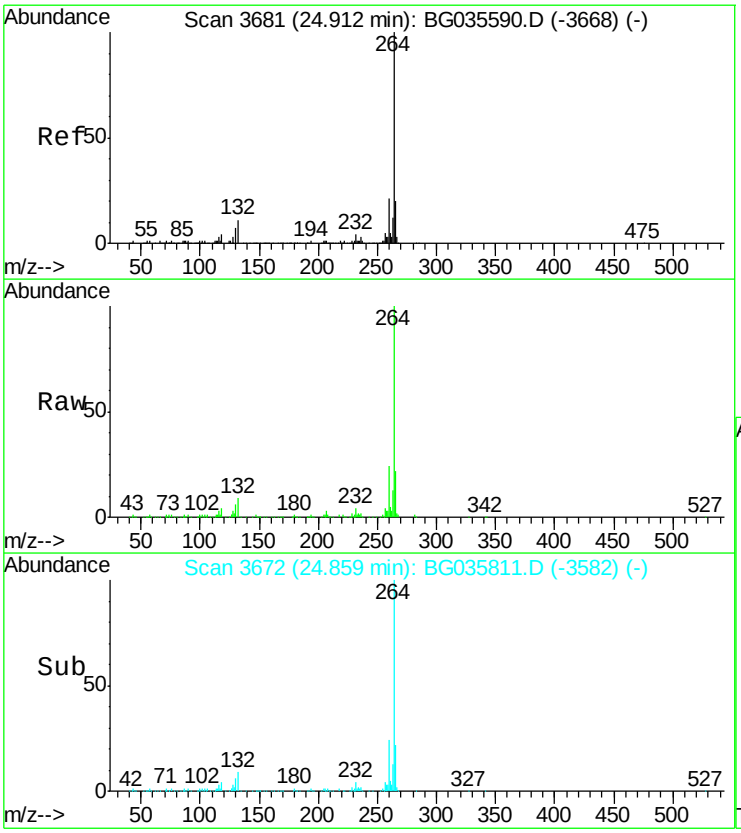
#78
Terphenyl-d14
Concen: 98.267 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 1558197

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:264 Resp: 324851

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.0	17.7	26.5