Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
Data File : BG035656.D
Acq On : 14 Jul 2018 8:23
Operator : JU/SJ
Sample : J3820-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-071218

Quant Time: Jul 16 00:57:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44650	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	173379	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128428	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	368458	20.00	ng	0.00
75) Chrysene-d12	21.68	240	396996	20.00	ng	0.00
86) Perylene-d12	24.90	264	371924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408675	151.96	ng	0.00
7) Phenol-d6	7.22	99	552607	137.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	426634	102.80	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	276518	163.35	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	945669	98.65	ng	0.00
78) Terphenyl-d14	20.02	244	1821235	101.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	61622	18.237	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	16382	7.149	ng	# 20
53) 2,4-Dinitrophenol	14.68	184	67	6.634	ng	# 55
56) 2,4-Dinitrotoluene	14.68	165	16382	4.983	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	24245	5.672	ng	# 1
76) Benzidine	20.02	184	35233	3.376	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
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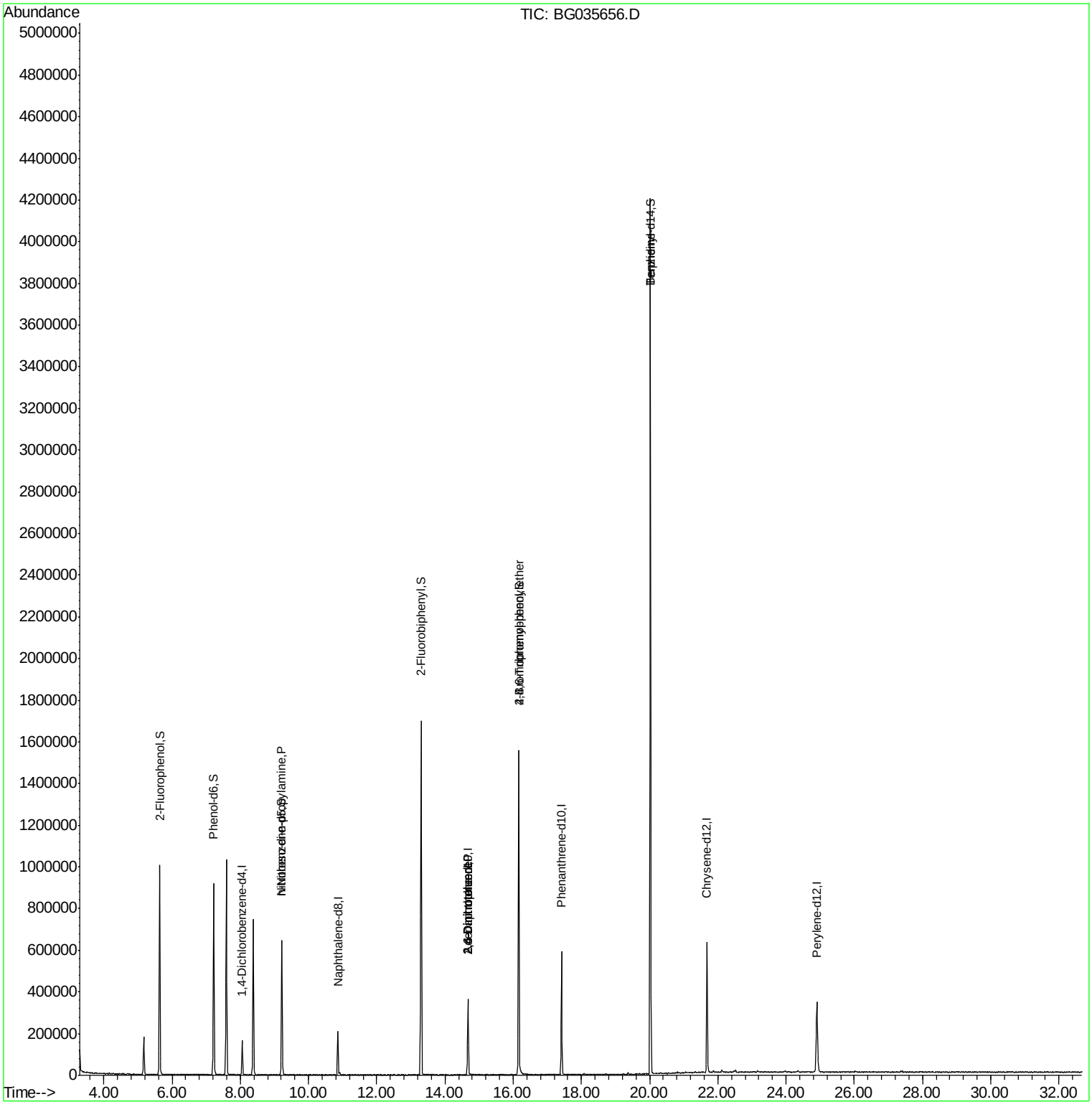
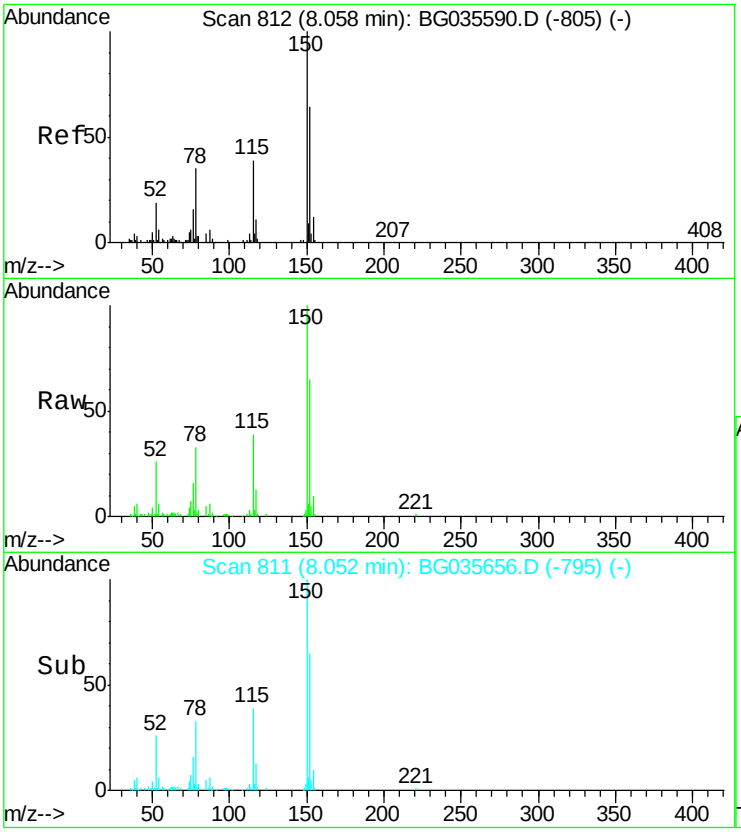


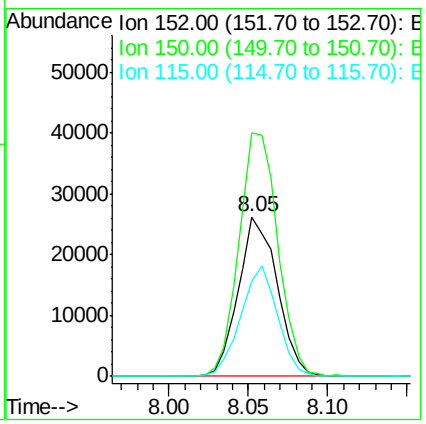


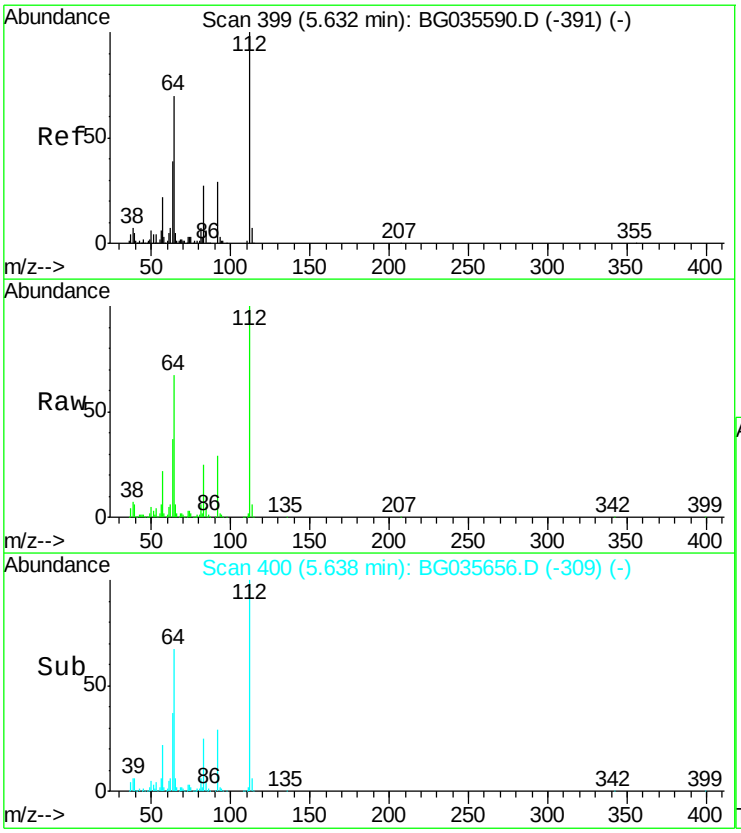
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:152 Resp: 44650

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	59.9	53.0	79.4

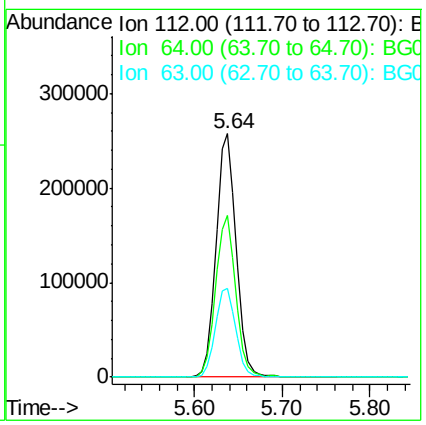


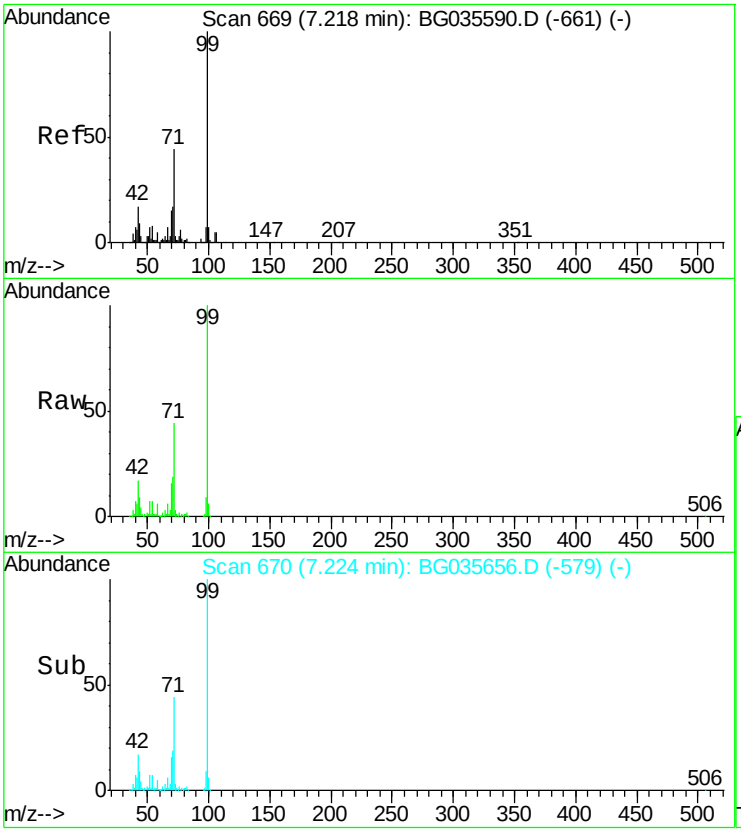


#5
2-Fluorophenol
Concen: 151.959 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:112 Resp: 408675

Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.3	84.5
63	36.7	30.1	45.1



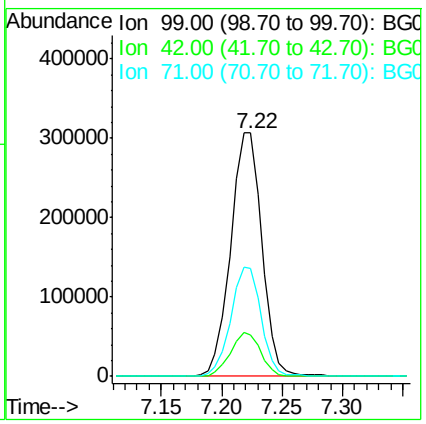


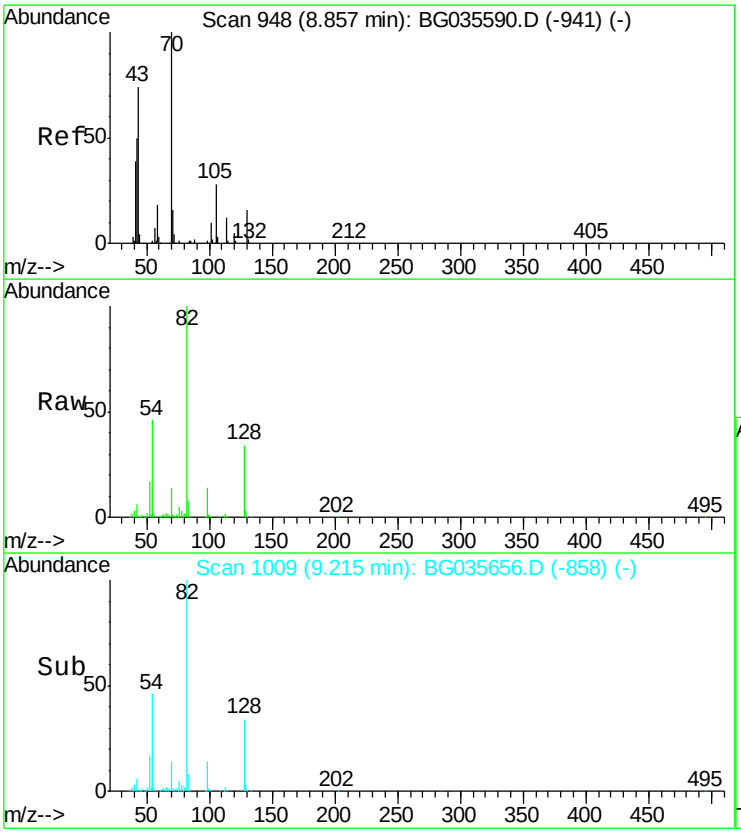
#7
Phenol-d6
Concen: 137.721 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion: 99 Resp: 552607

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	44.2	26.1	39.1#

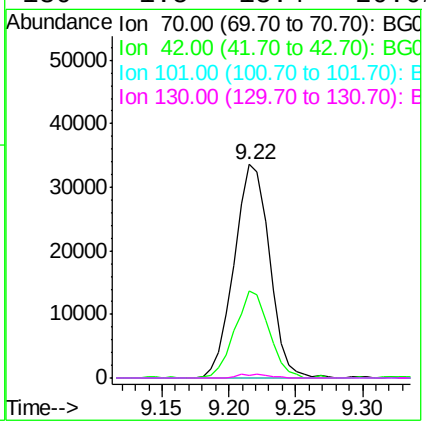


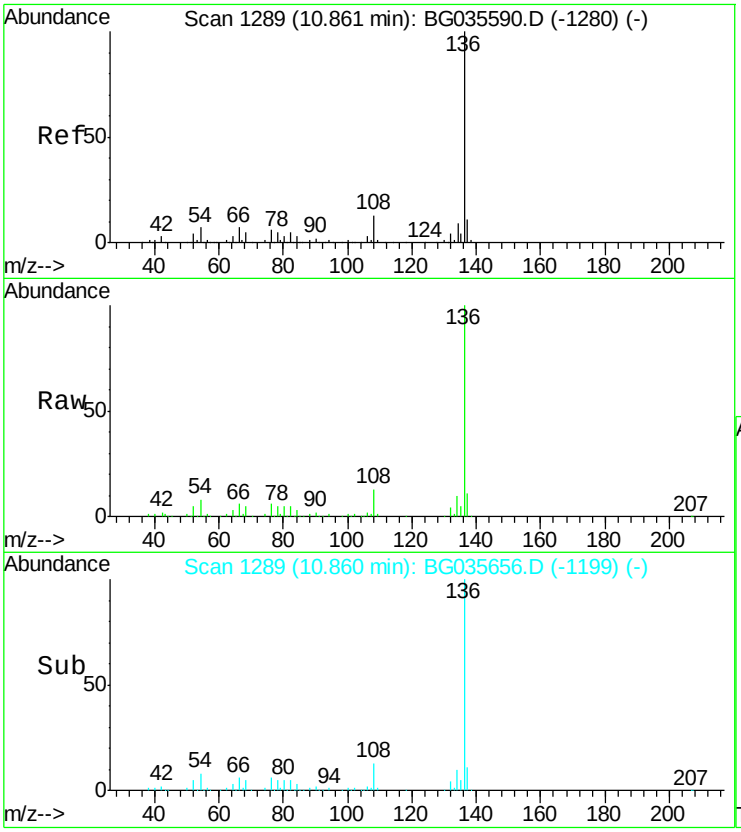


#19
n-Nitroso-di-n-propylamine
Concen: 18.237 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion: 70 Resp: 61622

Ion	Ratio	Lower	Upper
70	100		
42	40.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



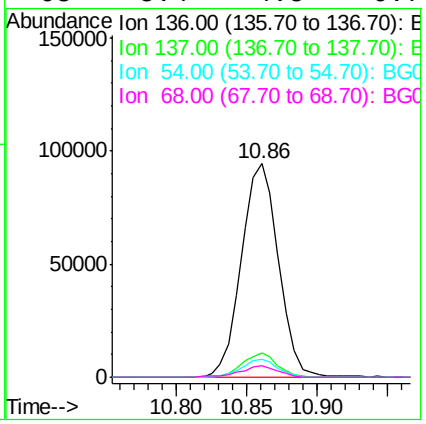


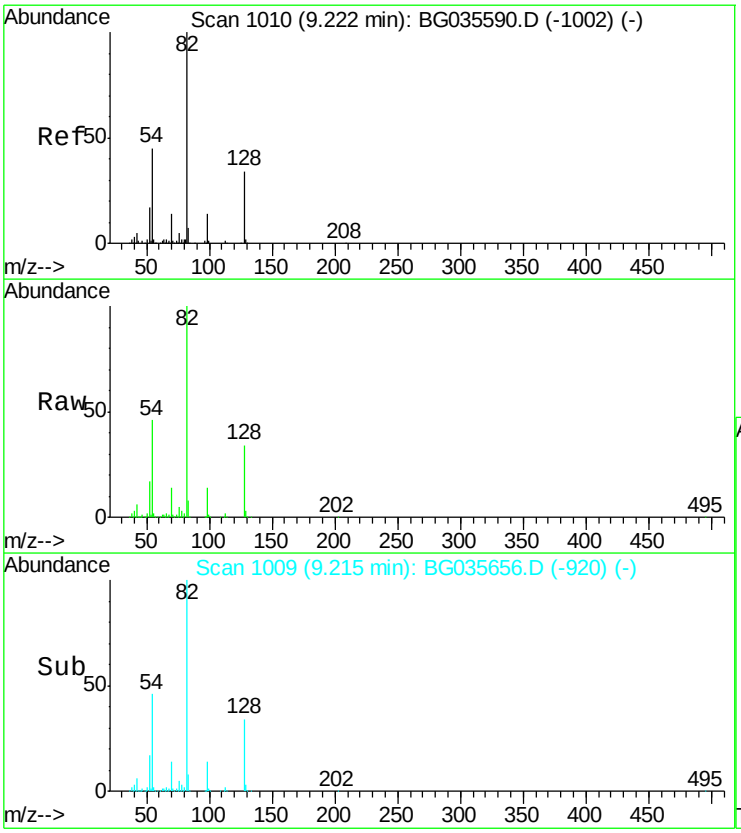
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:136 Resp: 173379

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.2	10.3	15.5#
68	5.4	4.5	6.7

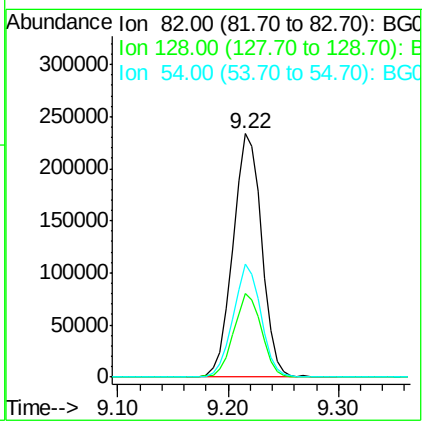


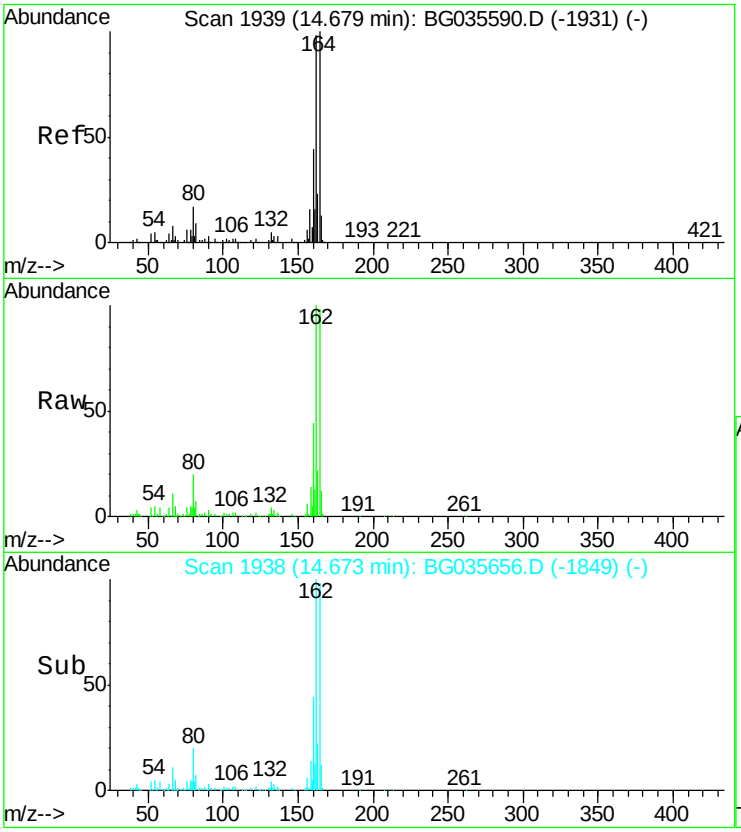


#23
Nitrobenzene-d5
Concen: 102.795 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion: 82 Resp: 426634

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	46.3	43.1	64.7



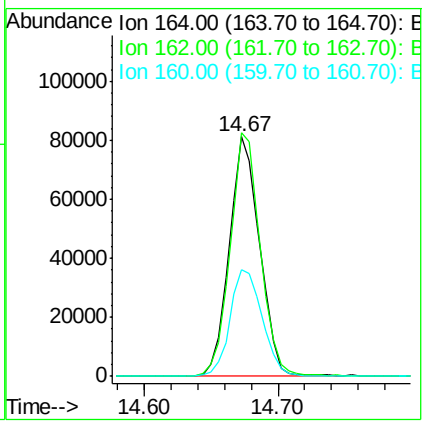


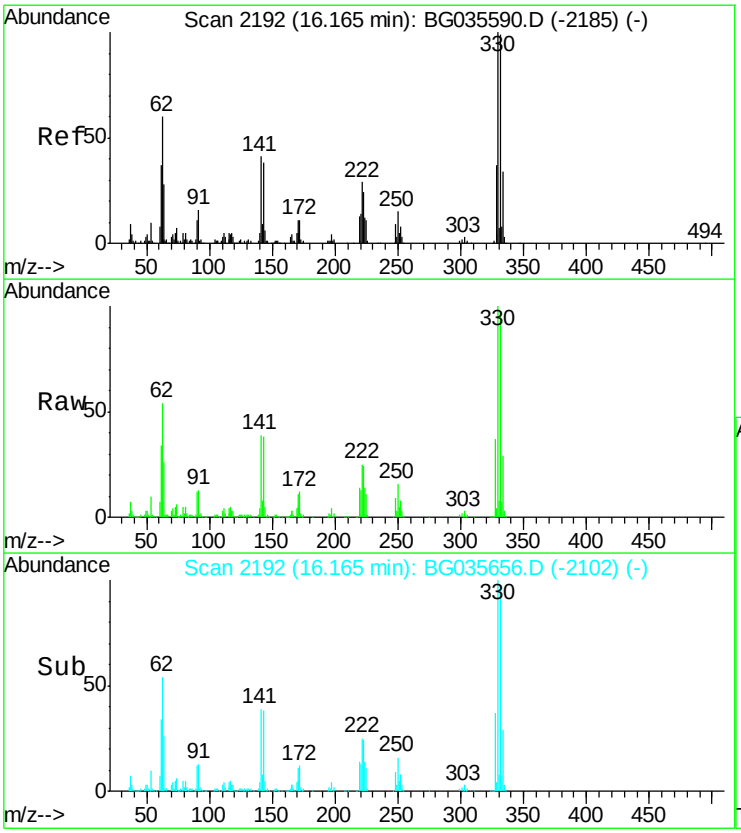
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:164 Resp: 128428

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.4	35.4	53.0

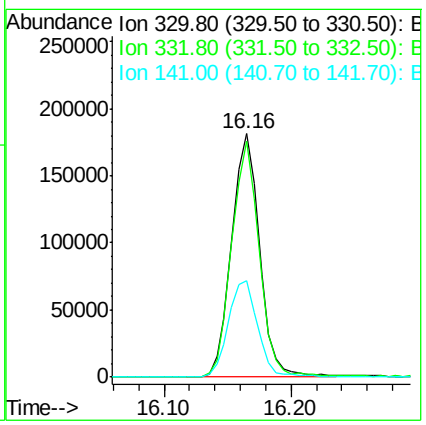


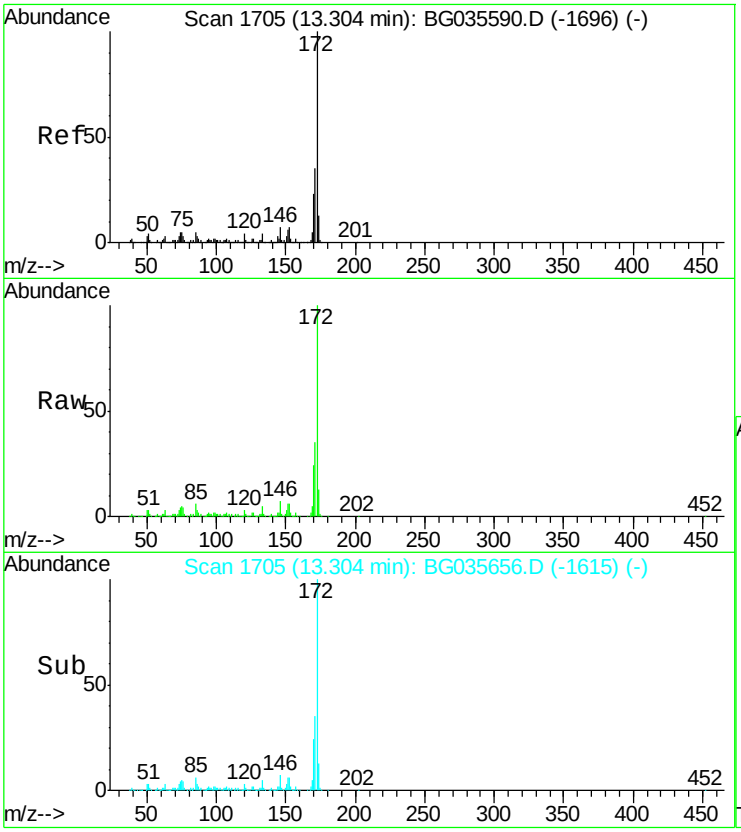


#41
2,4,6-Tribromophenol
Concen: 163.353 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:330 Resp: 276518

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.7	25.2	37.8#



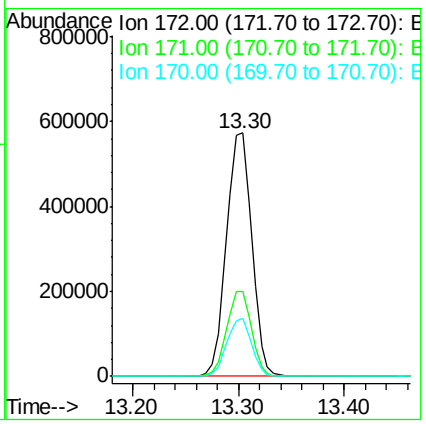


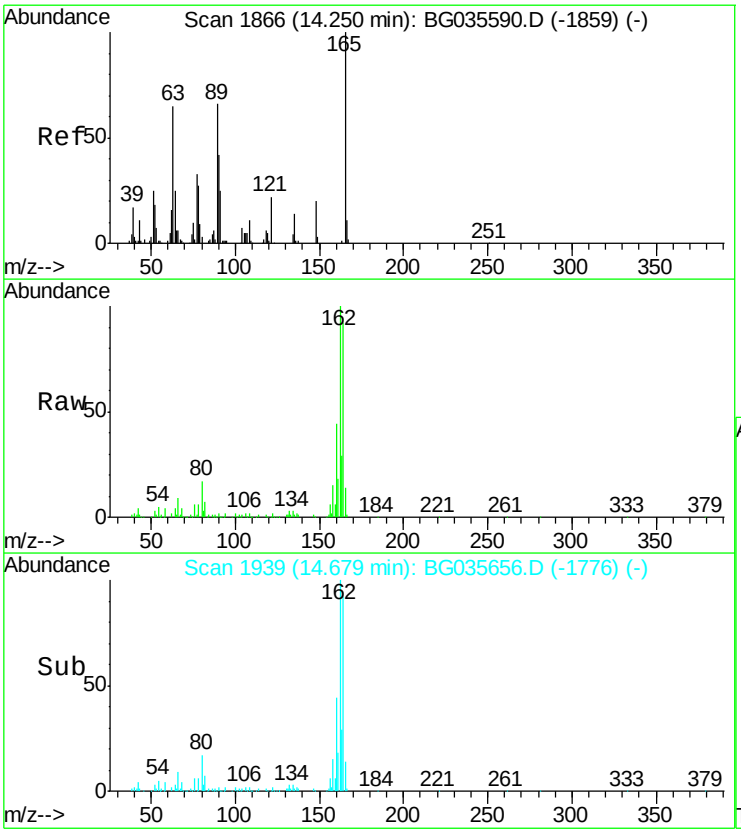
#44
2-Fluorobiphenyl
Concen: 98.651 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:172 Resp: 945669

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	24.0	19.5	29.3

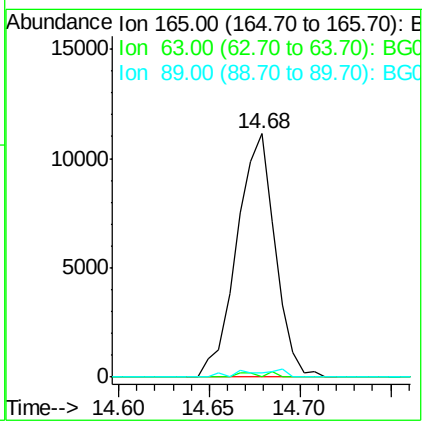


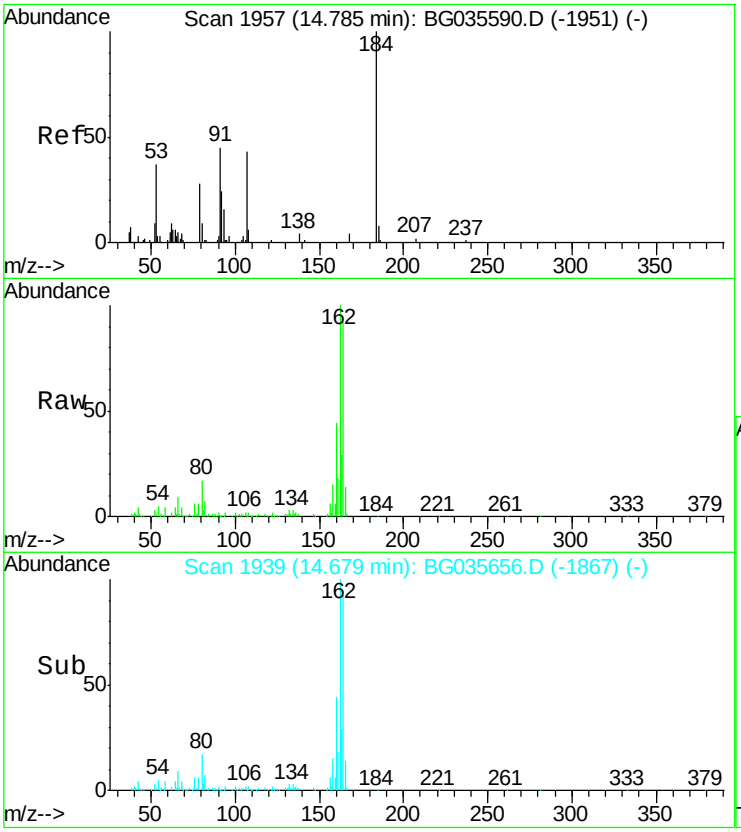


#50
2,6-Dinitrotoluene
Concen: 7.149 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:165 Resp: 16382

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



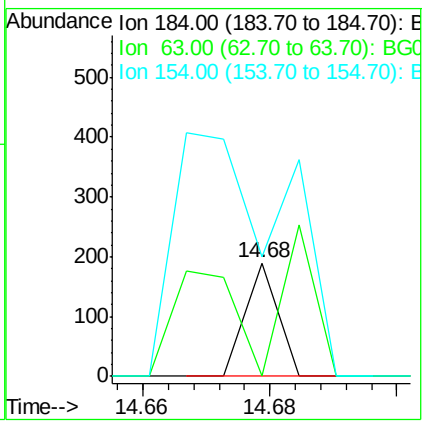


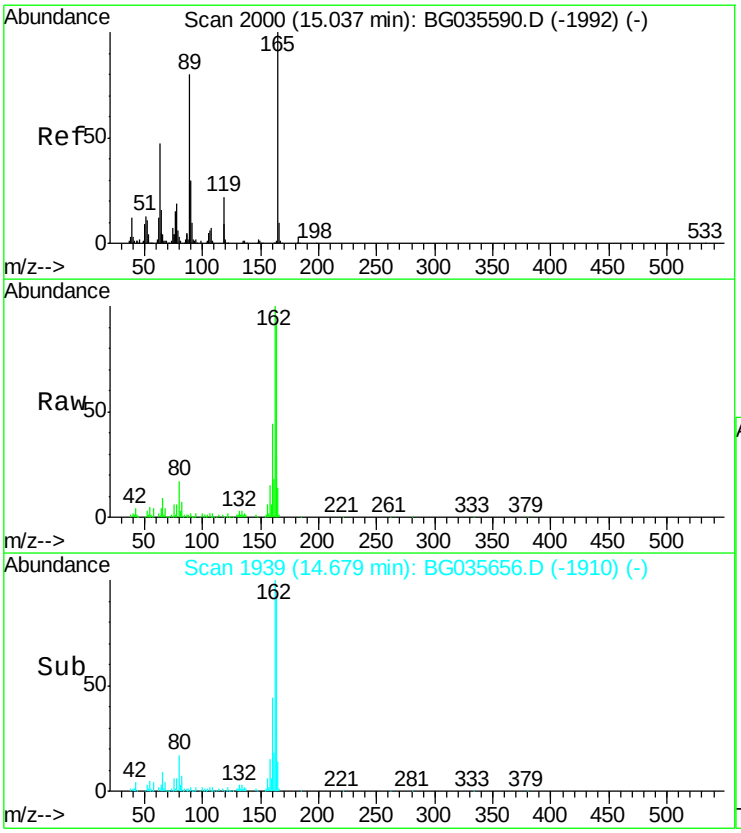
#53
2,4-Dinitrophenol
Concen: 6.634 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.11 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	104.7	101.8	152.8

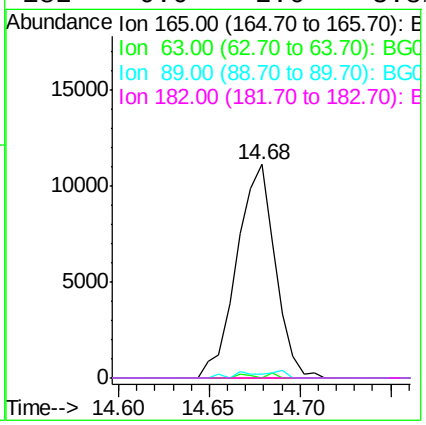


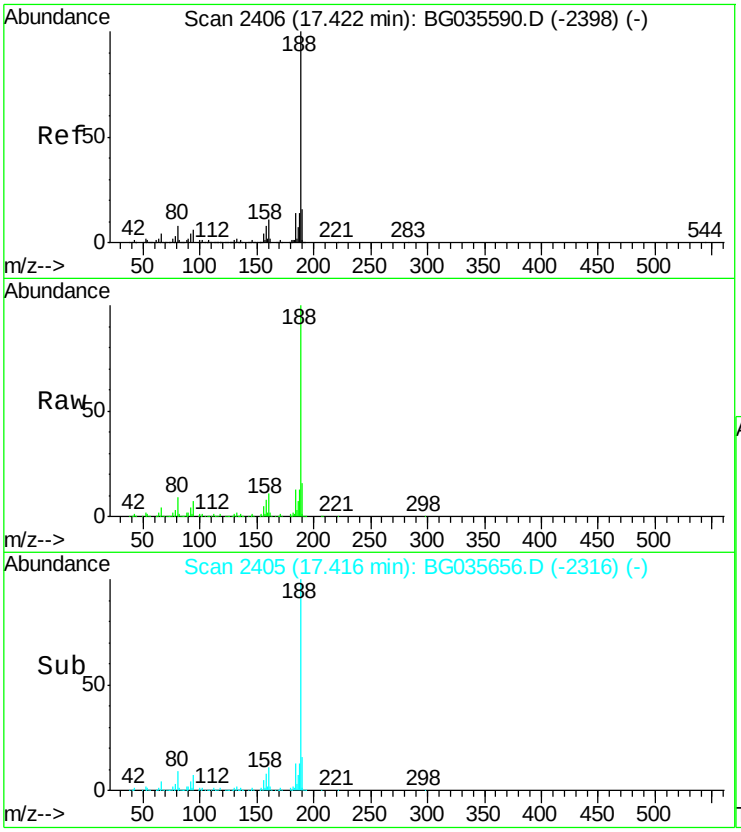


#56
2,4-Dinitrotoluene
Concen: 4.983 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:165 Resp: 16382

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#



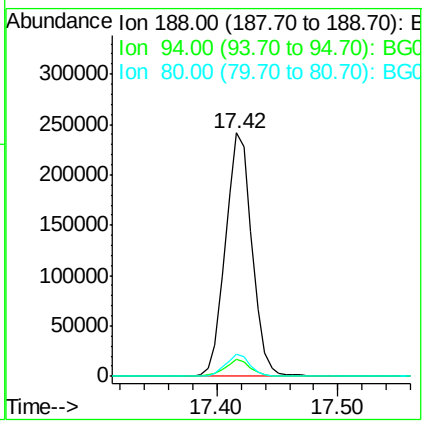


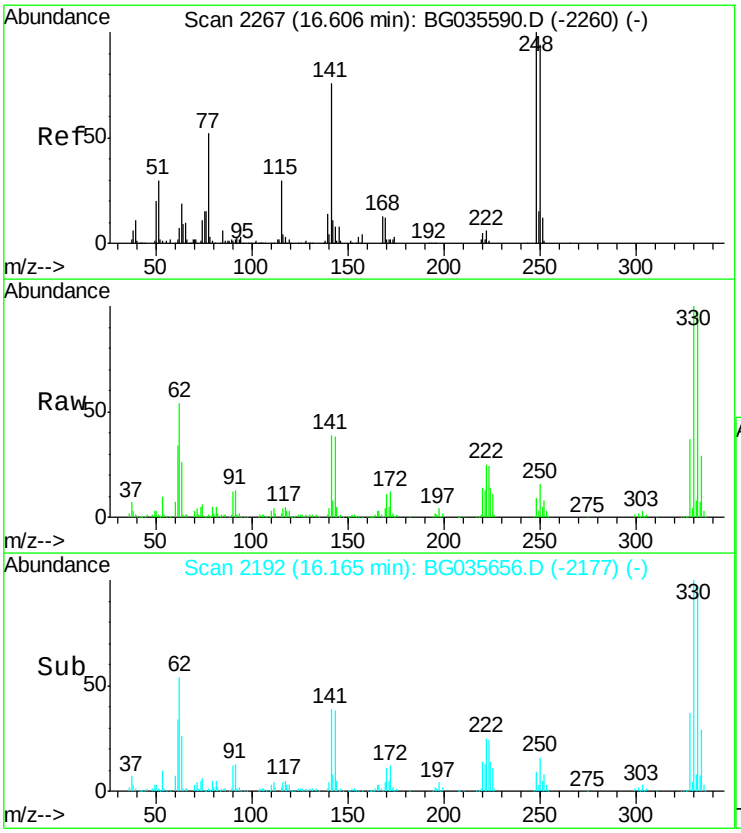
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:188 Resp: 368458

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.0	7.7	11.5

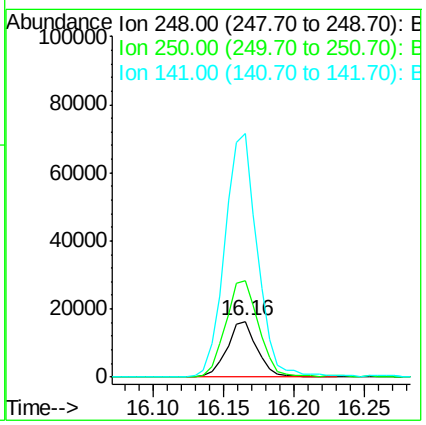


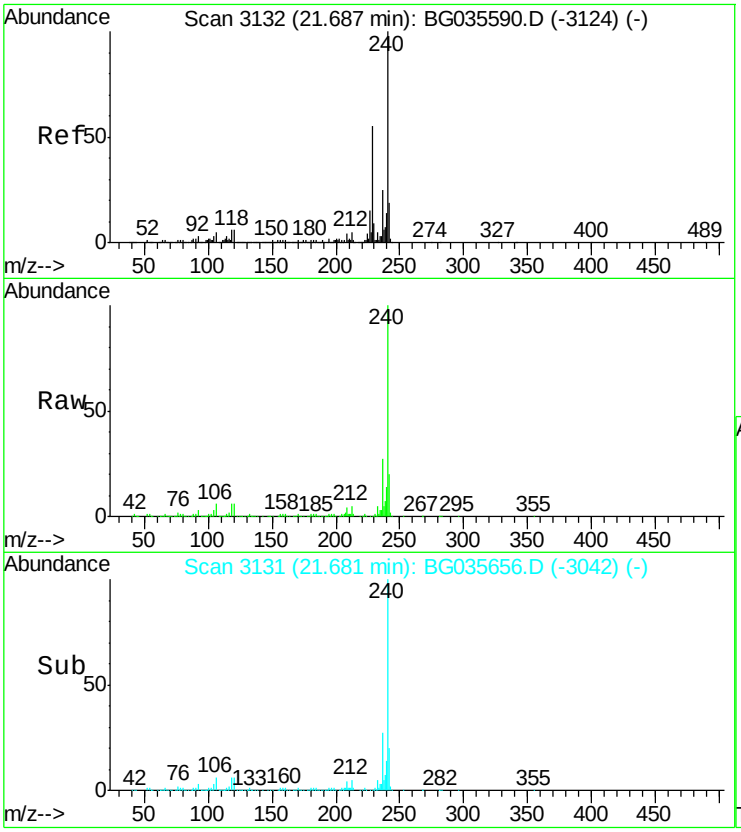


#66
4-Bromophenyl-phenylether
Concen: 5.672 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:248 Resp: 24245

Ion	Ratio	Lower	Upper
248	100		
250	173.8	77.1	115.7#
141	438.9	50.8	76.2#



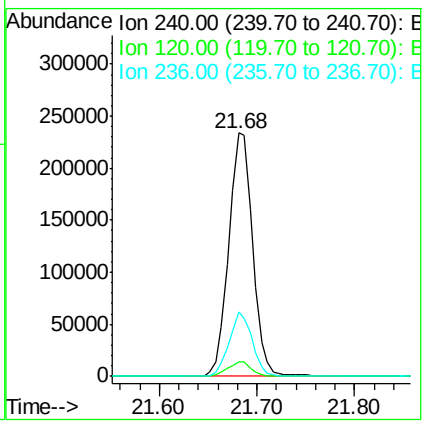


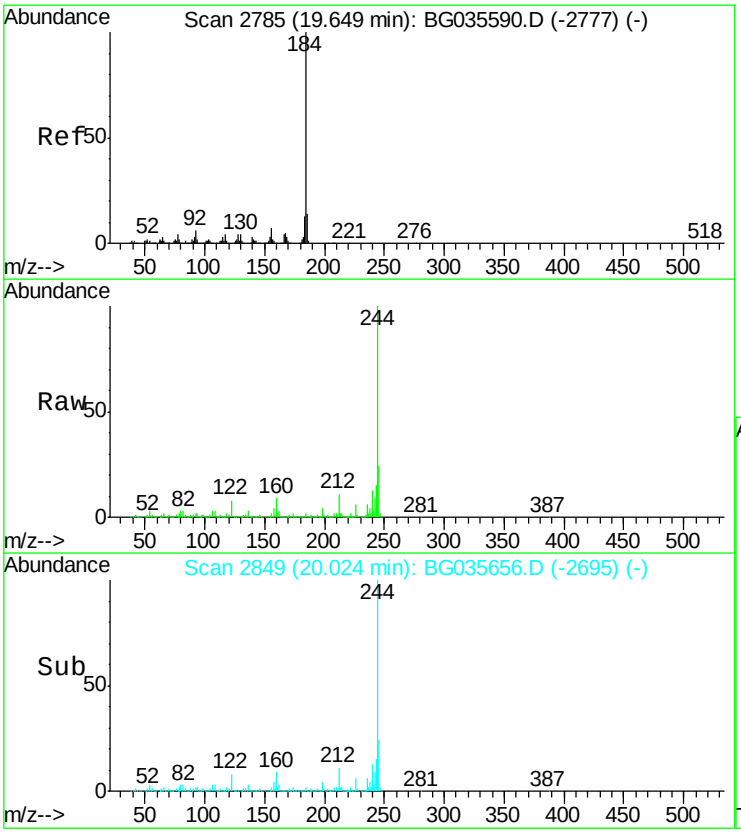
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:240 Resp: 396996

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.7	20.9	31.3

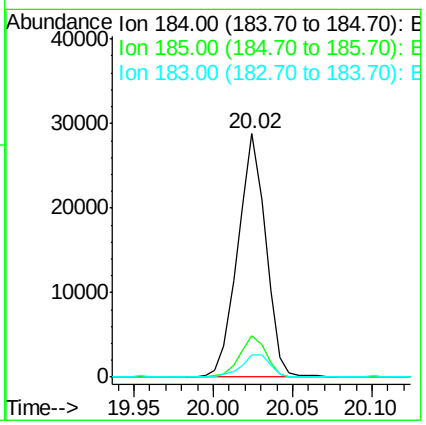


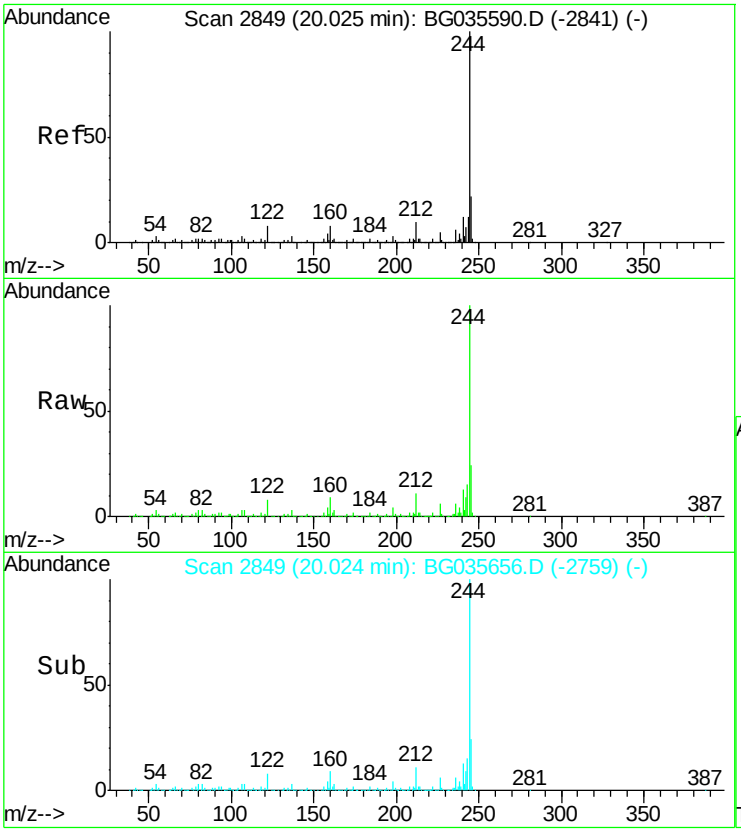


#76
Benzidine
Concen: 3.376 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:184 Resp: 35233

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	9.0	10.6	16.0#



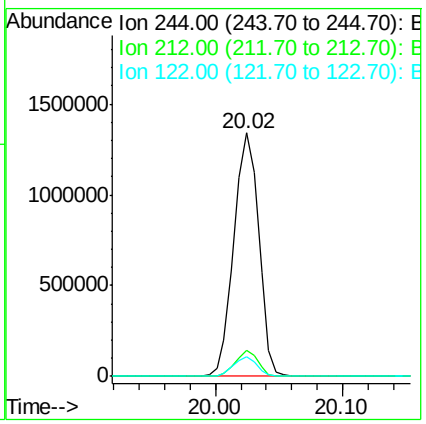


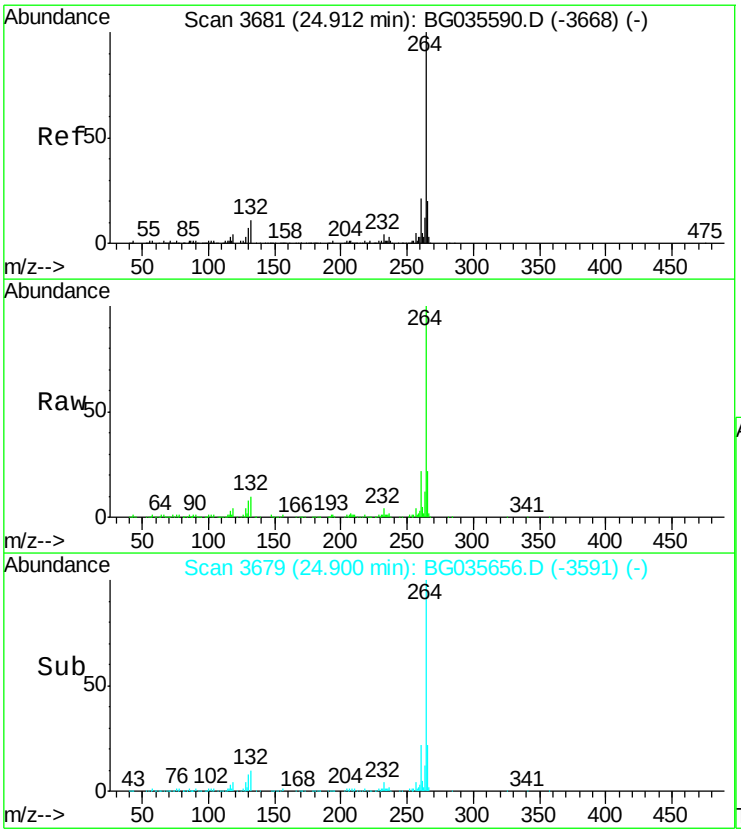
#78
Terphenyl-d14
Concen: 101.123 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tgt Ion:244 Resp: 1821235

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.8	8.8#
122	8.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:264 Resp: 371924

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.3	17.7	26.5