Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
Data File : BG038585.D
Acq On : 15 Dec 2018 2:22
Operator : JU/SJ
Sample : PB115532BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115532BL

Quant Time: Dec 15 03:14:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22761	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87418	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57518	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	148047	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163996	20.00	ng	0.00
87) Perylene-d12	25.01	264	170120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	143163	111.56	ng	0.00
7) Phenol-d6	7.21	99	188742	107.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	121928	71.25	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	78782	99.38	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	296419	70.70	ng	0.00
79) Terphenyl-d14	20.04	244	587174	77.92	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	16154	13.056	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	7399	6.951	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7399	4.935	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	4656	2.575	ng	# 1
77) Benzidine	20.04	184	9933	2.048	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
Data File : BG038585.D
Acq On : 15 Dec 2018 2:22
Operator : JU/SJ
Sample : PB115532BL
Misc :
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Instrument :
BNA_G
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Quant Time: Dec 15 03:14:04 2018
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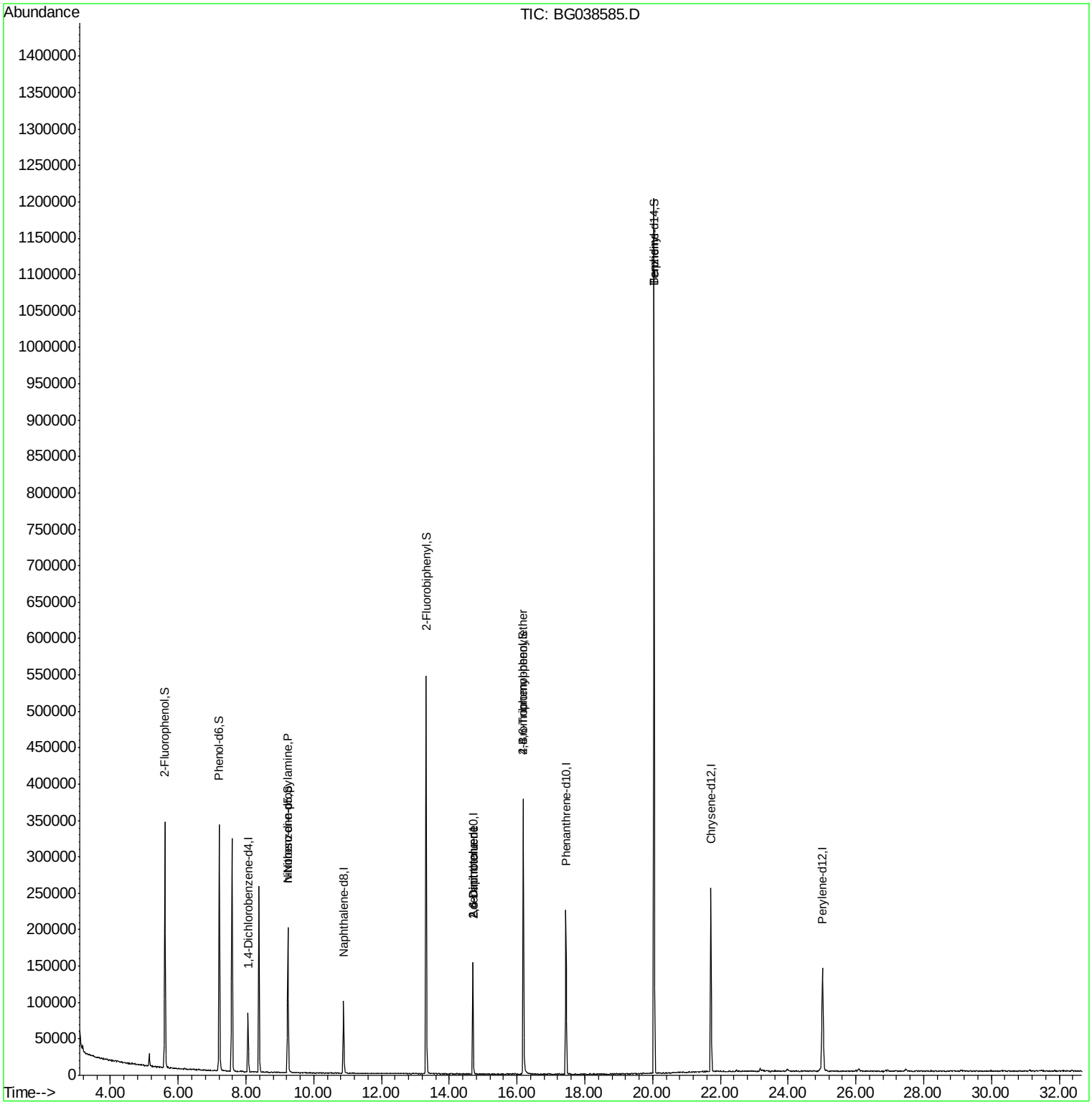
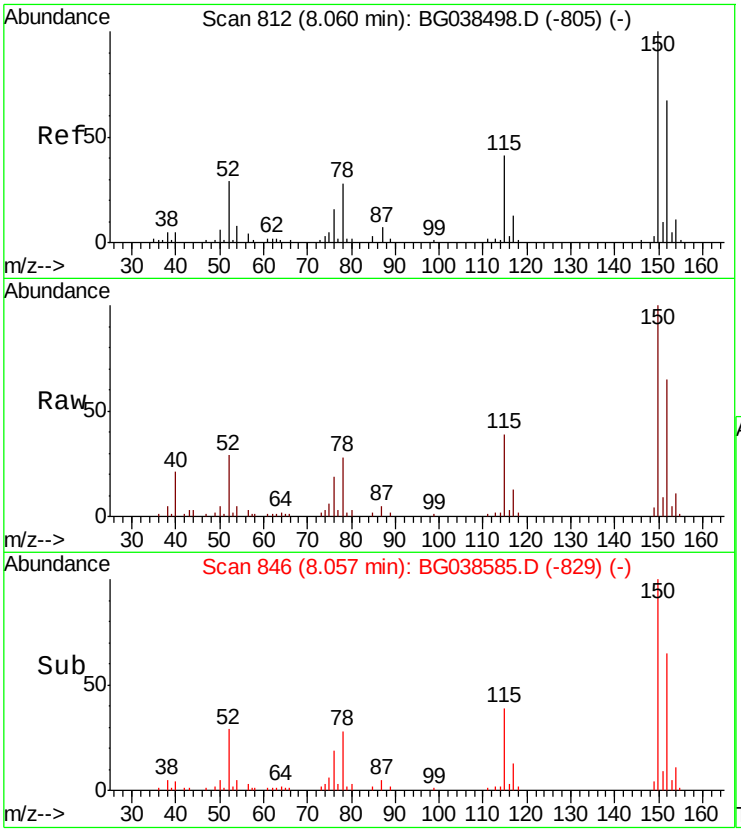
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



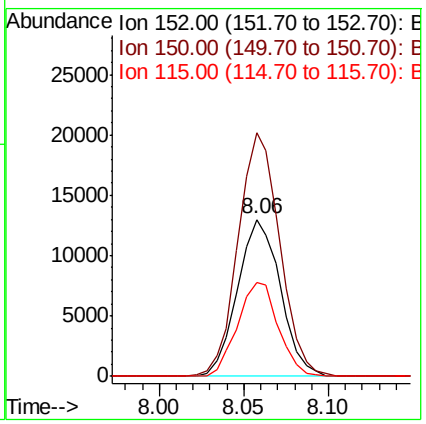


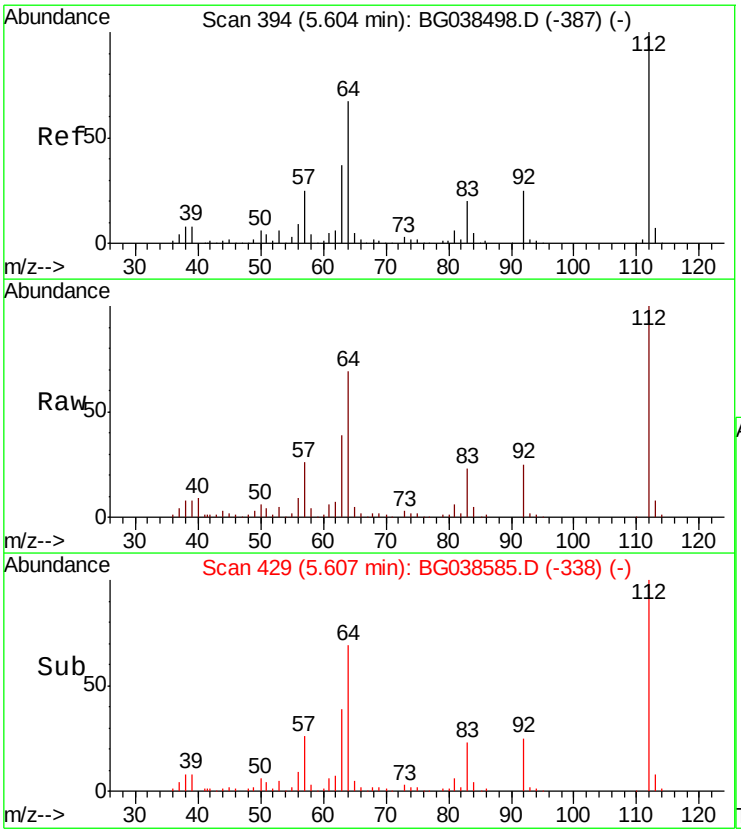
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:152 Resp: 22761

Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	60.0	49.6	74.4

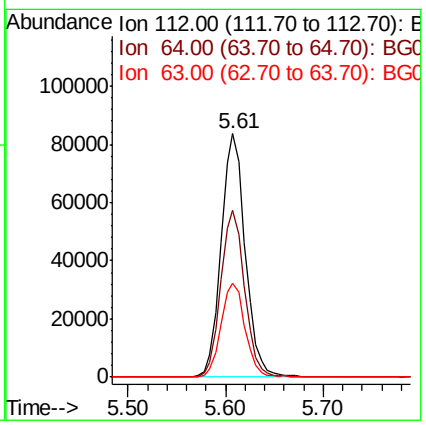


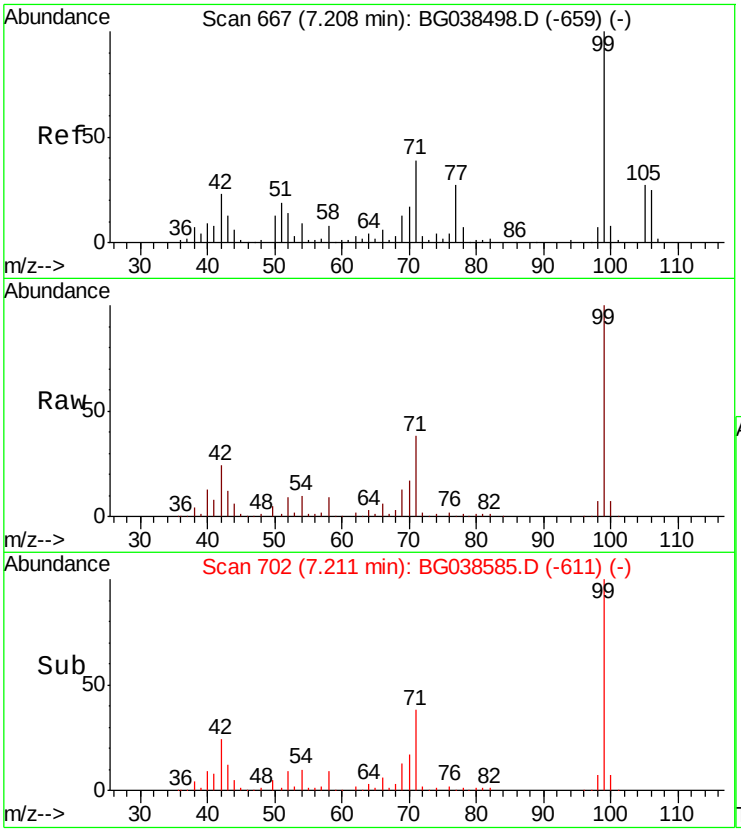


#5
2-Fluorophenol
Concen: 111.560 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:112 Resp: 143163

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.4	80.2
63	38.8	29.3	43.9



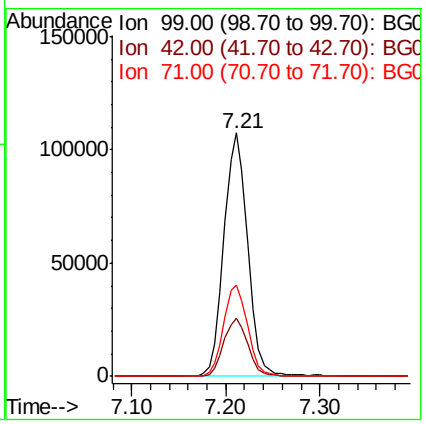


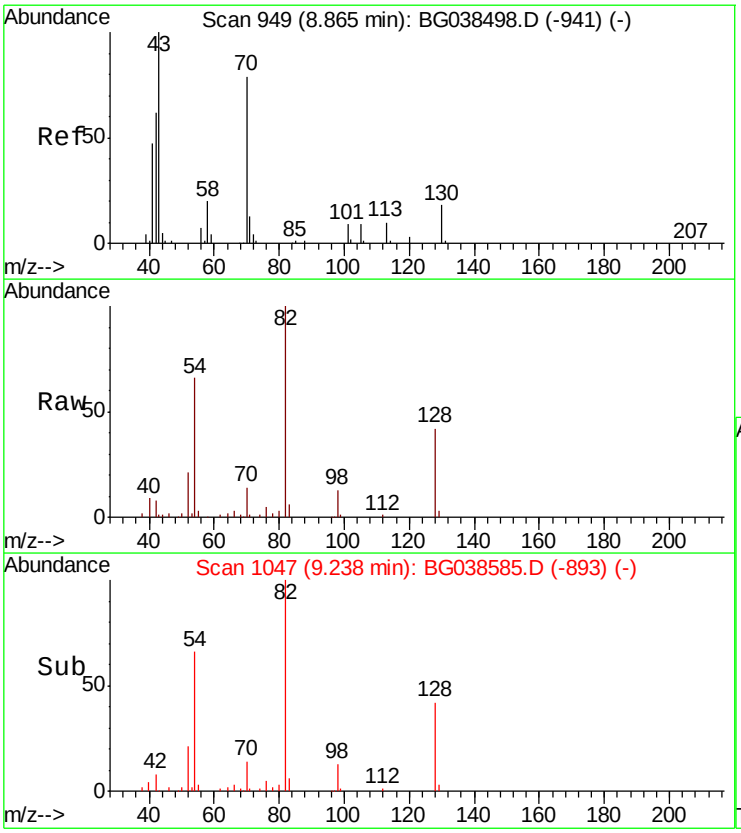
#7
Phenol-d6
Concen: 107.136 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion: 99 Resp: 188742

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	37.6	31.1	46.7

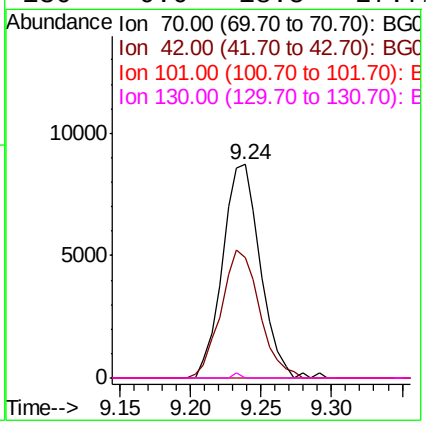


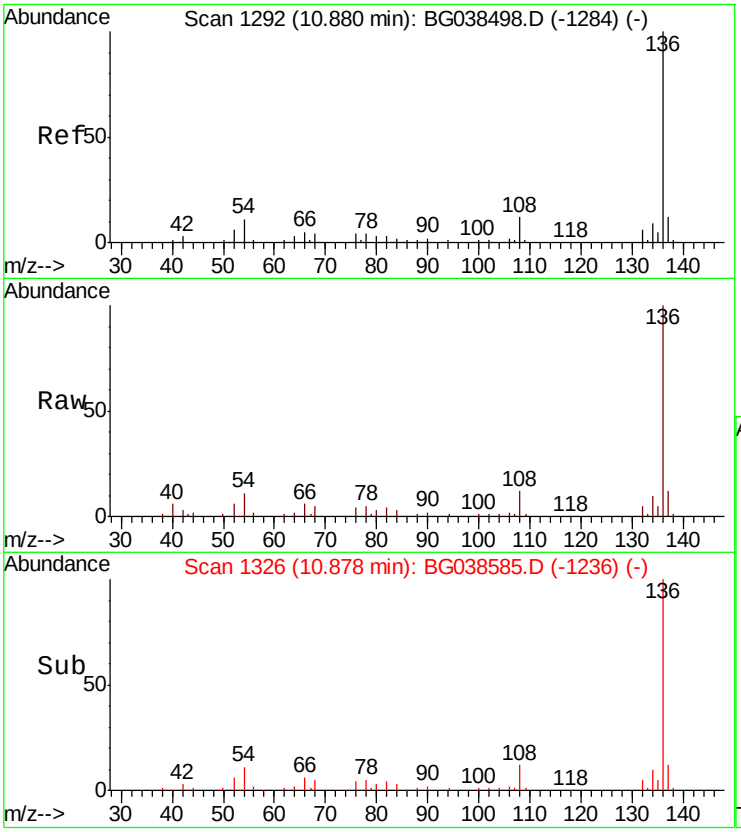


#19
n-Nitroso-di-n-propylamine
Concen: 13.056 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion: 70 Resp: 16154

Ion	Ratio	Lower	Upper
70	100		
42	56.4	63.6	95.4#
101	0.0	9.2	13.8#
130	0.0	18.5	27.7#



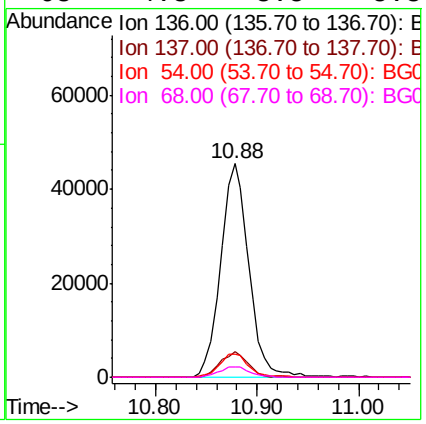


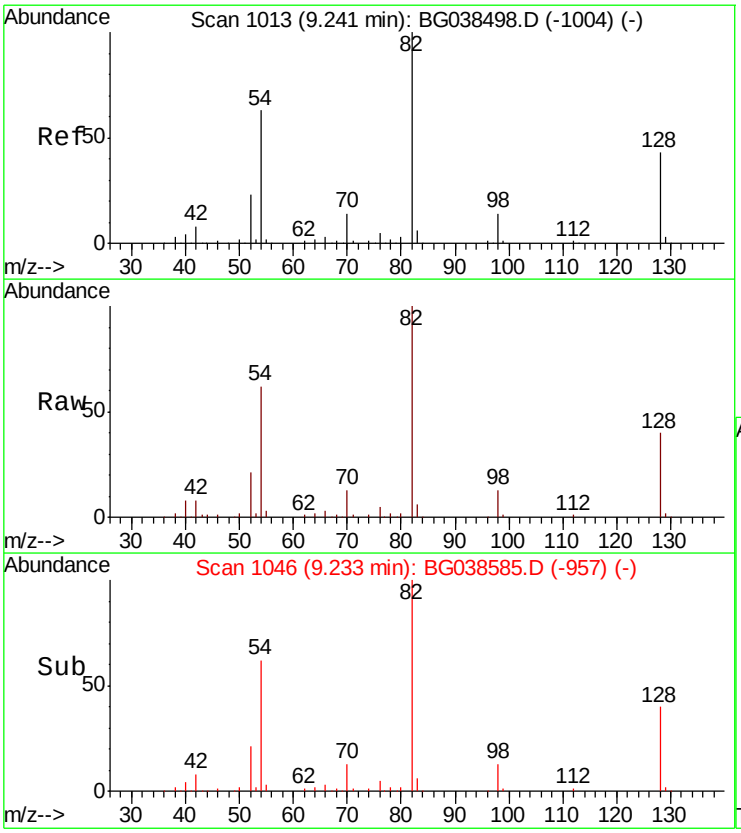
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:136 Resp: 87418

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.7	8.5	12.7
68	4.8	3.5	5.3

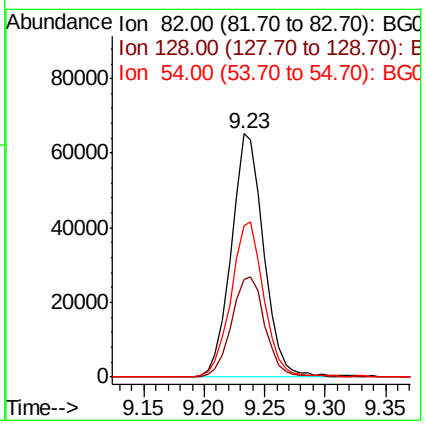


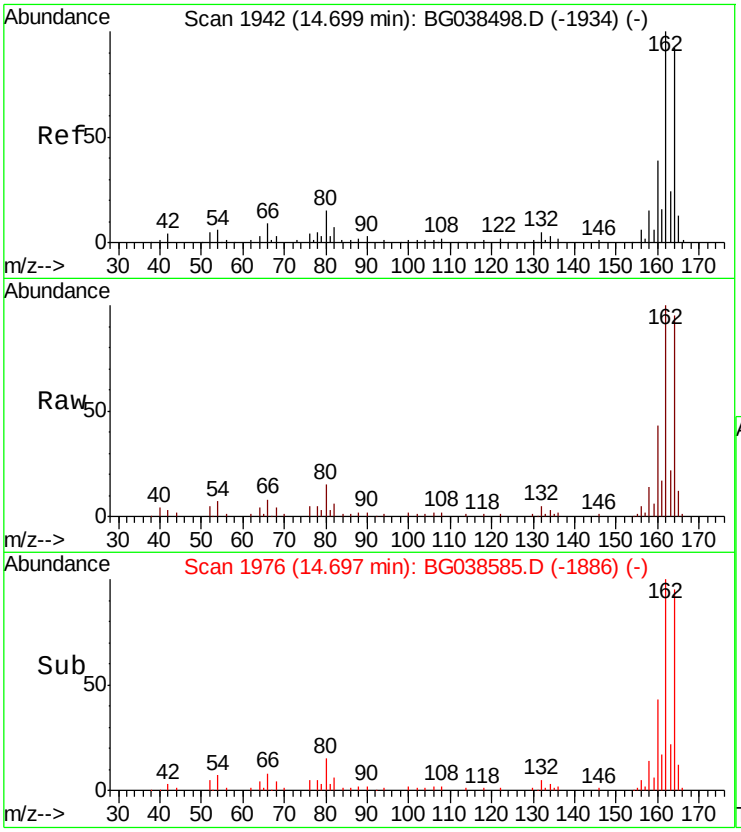


#23
Nitrobenzene-d5
Concen: 71.255 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion: 82 Resp: 121928

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	62.0	50.6	76.0



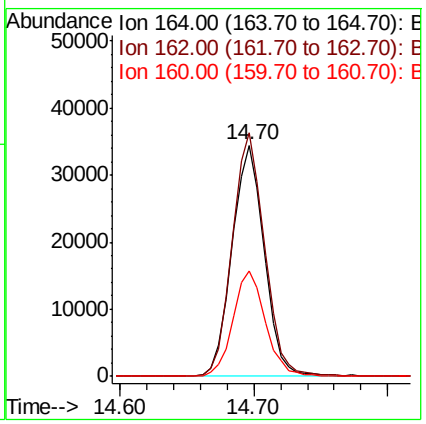


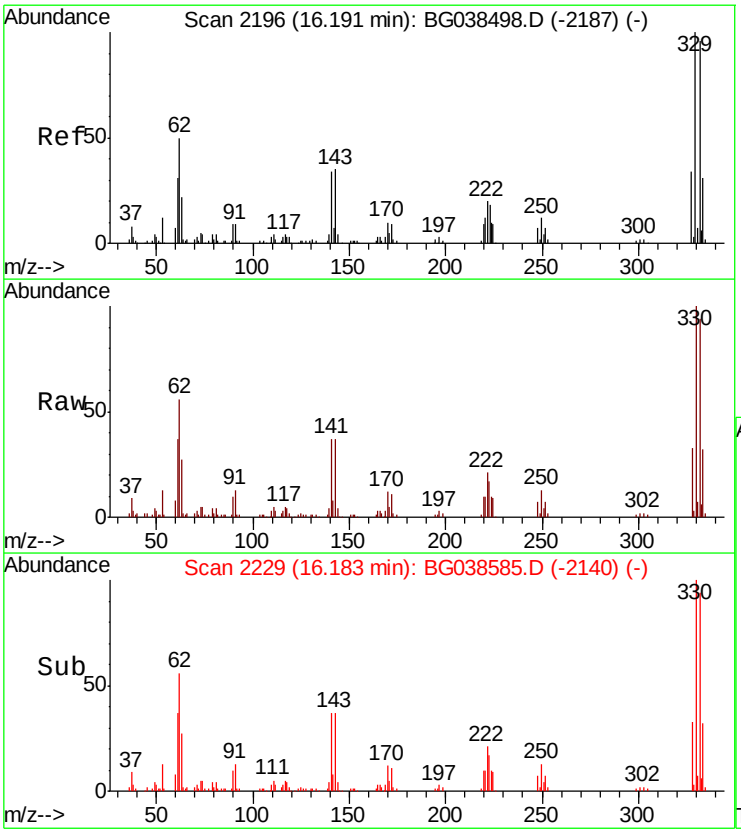
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:164 Resp: 57518

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.6	130.0
160	45.7	34.2	51.2

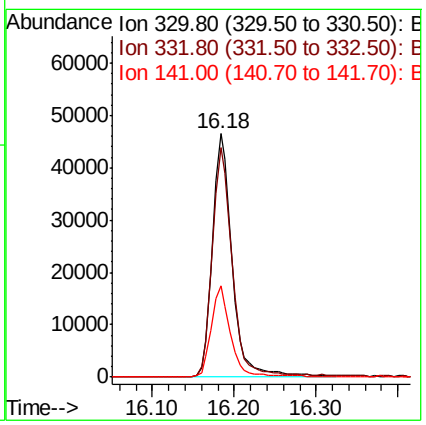


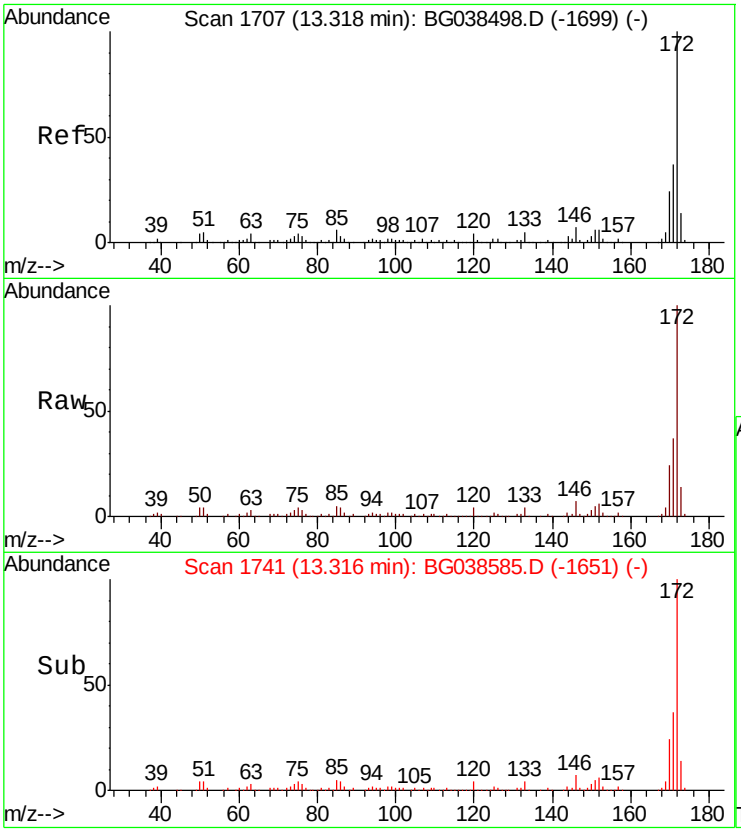


#42
2,4,6-Tribromophenol
Concen: 99.384 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:330 Resp: 78782

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	36.2	28.8	43.2



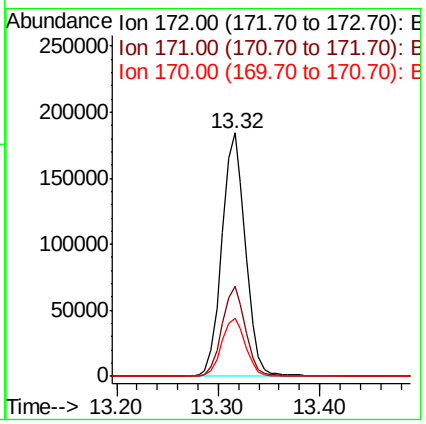


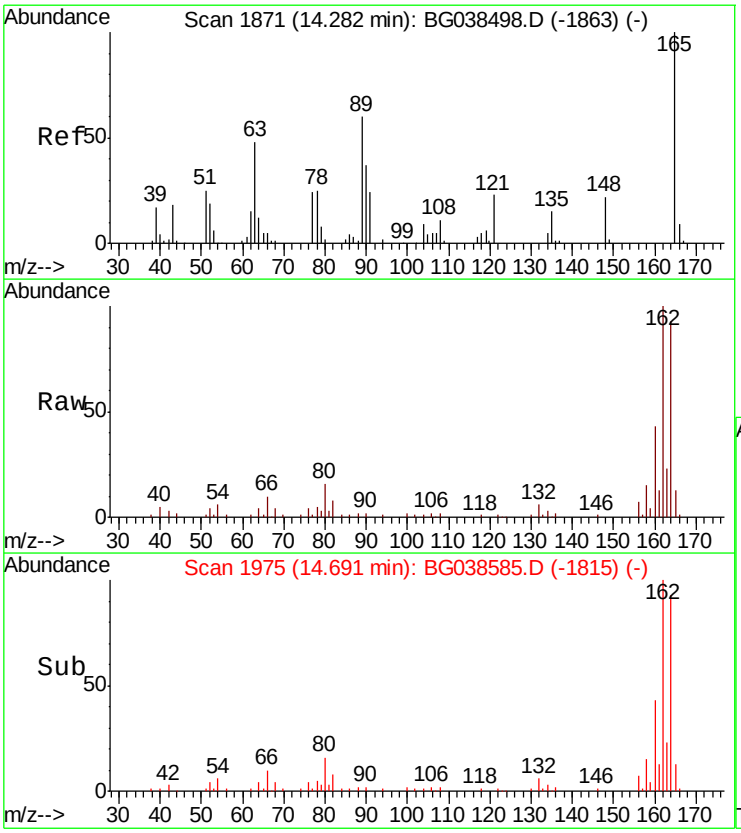
#45
2-Fluorobiphenyl
Concen: 70.698 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:172 Resp: 296419

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	23.7	19.5	29.3

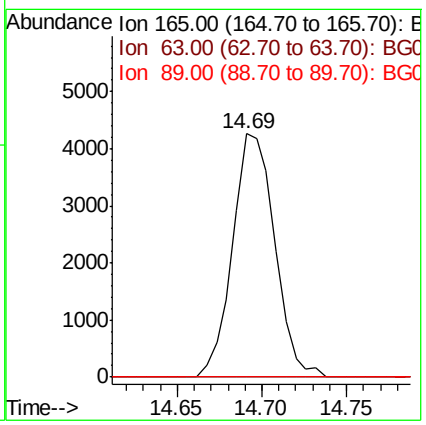


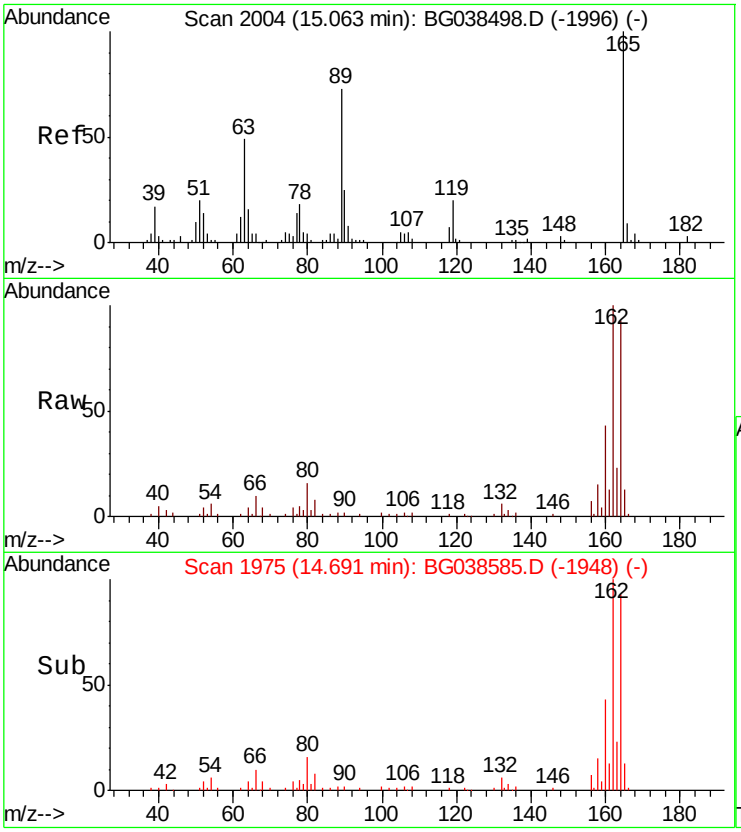


#51
2,6-Dinitrotoluene
Concen: 6.951 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:165 Resp: 7399

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



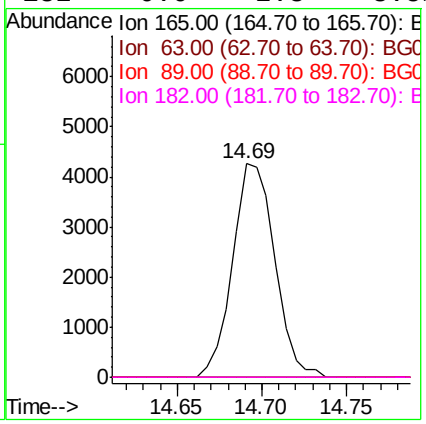


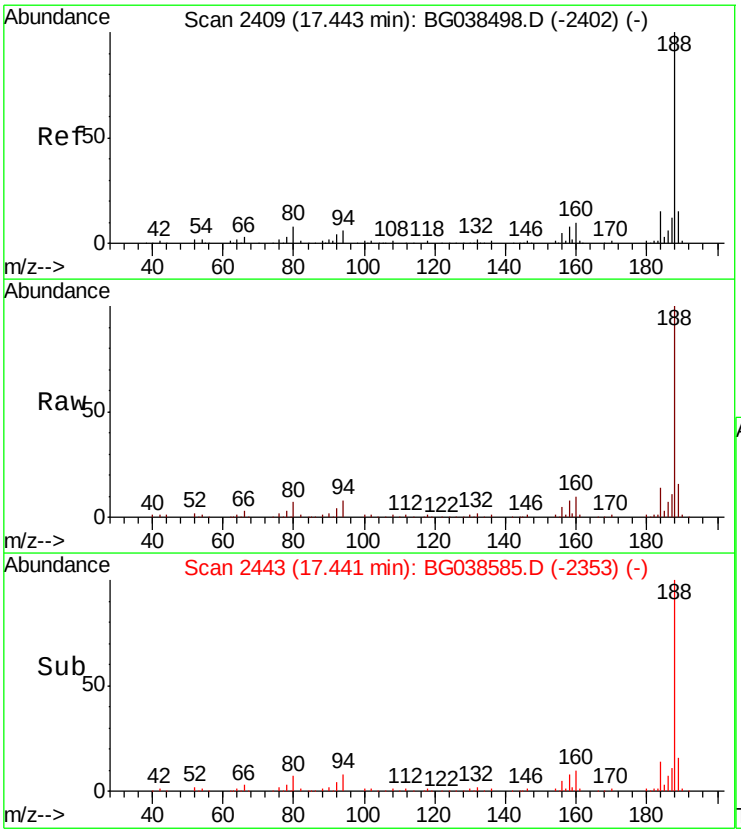
#57
2,4-Dinitrotoluene
Concen: 4.935 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:165 Resp: 7399

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

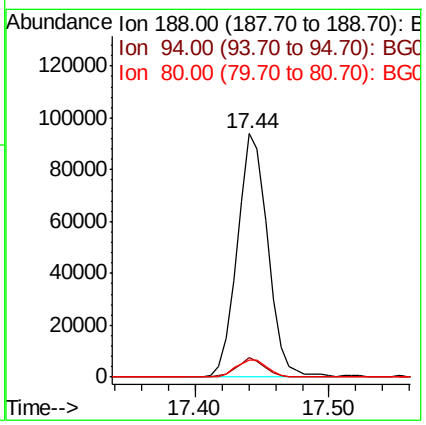


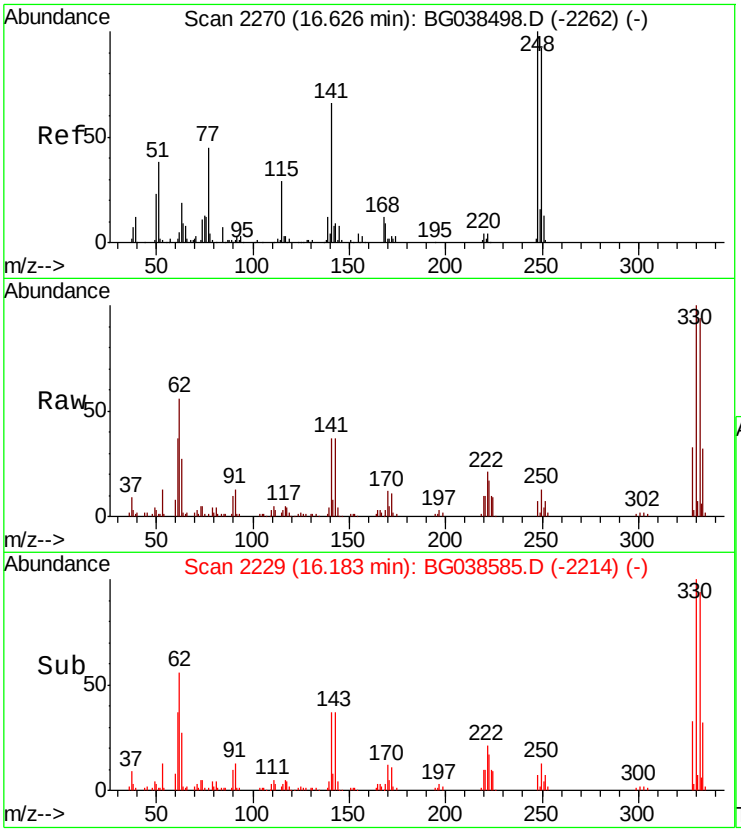


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:188 Resp: 148047

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.1	7.7#
80	7.0	6.1	9.1



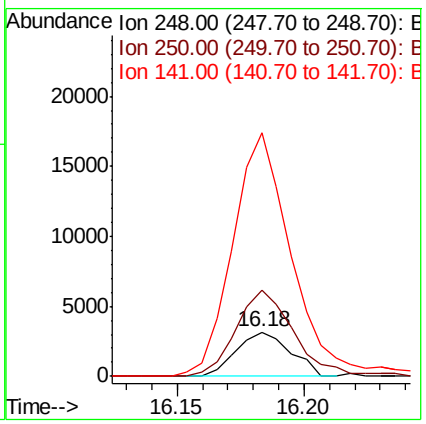


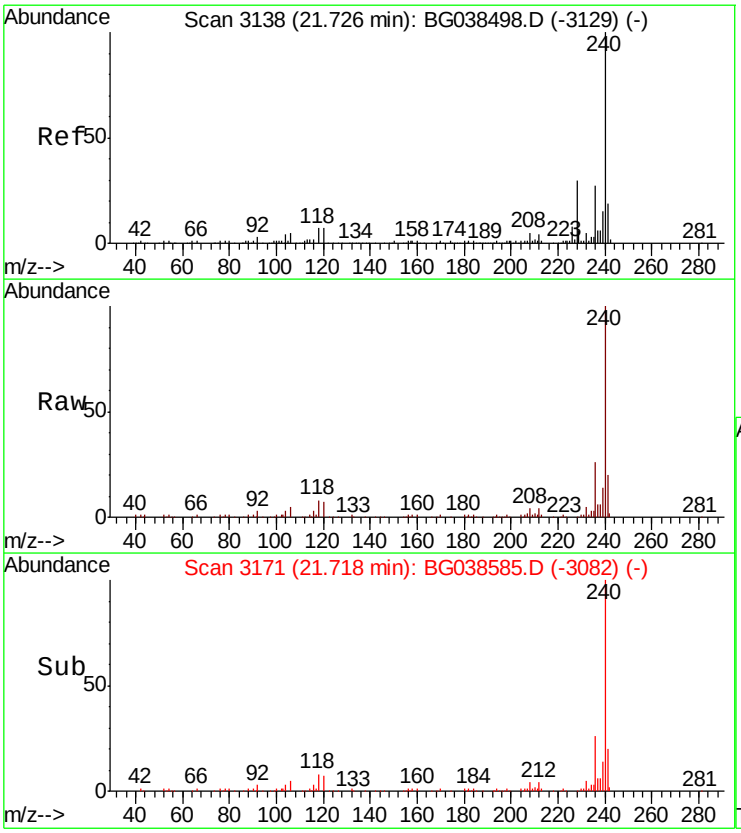
#67
4-Bromophenyl-phenylether
Concen: 2.575 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:248 Resp: 4656

Ion	Ratio	Lower	Upper
248	100		
250	196.1	73.4	110.2#
141	430.8	52.9	79.3#

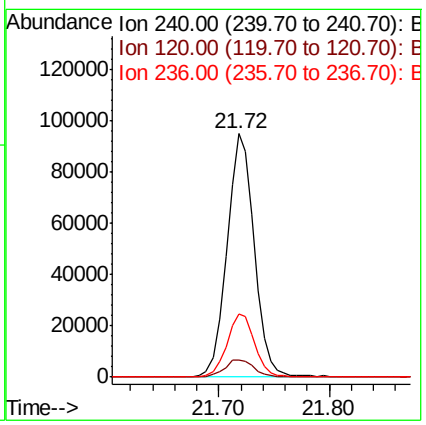


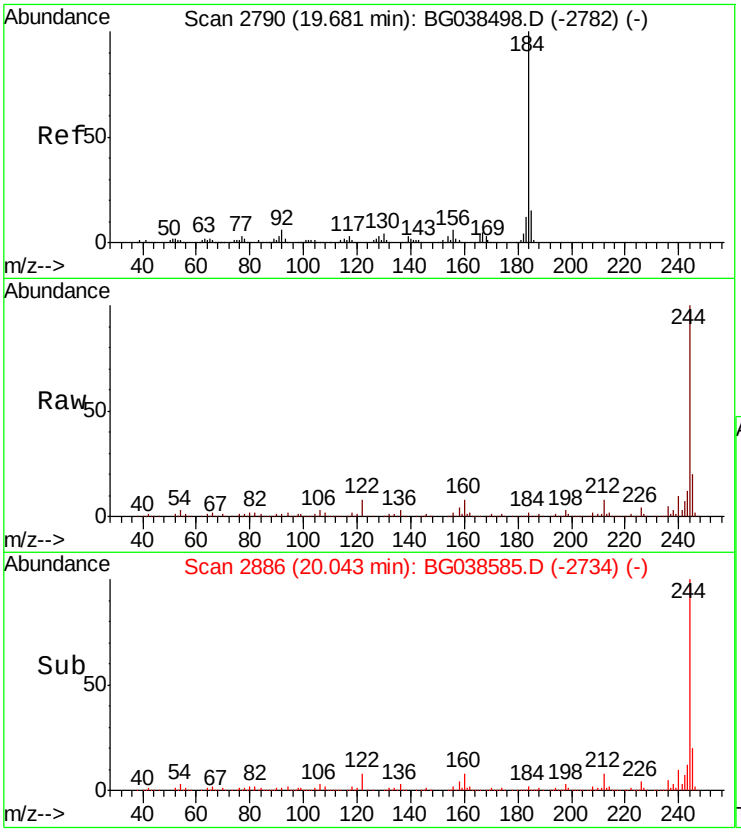


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:240 Resp: 163996

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.1	21.4	32.2



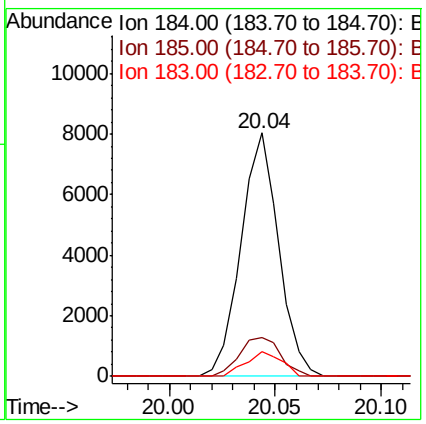


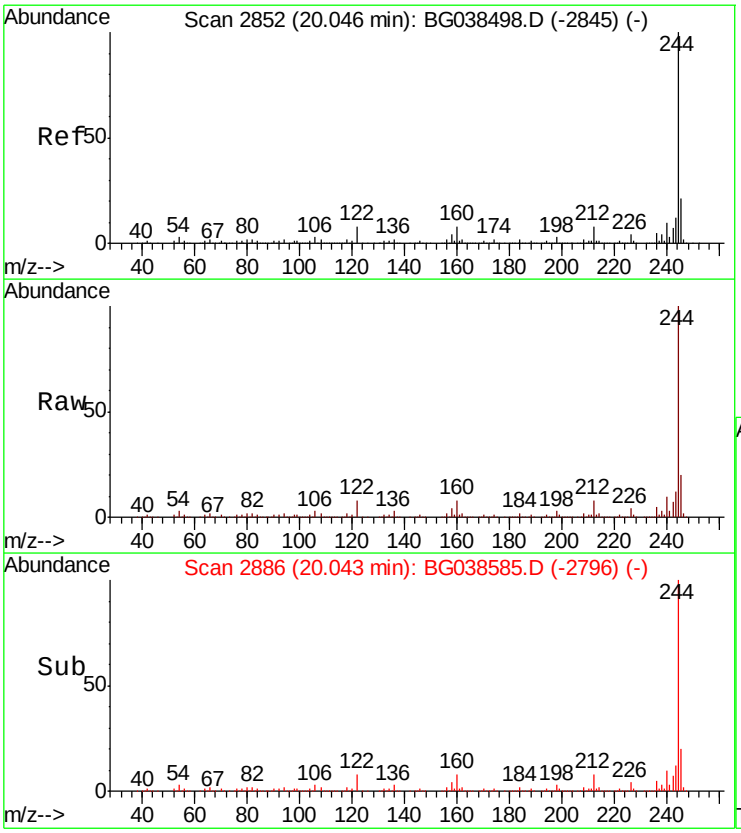
#77
Benzidine
Concen: 2.048 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:184 Resp: 9933

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	10.2	9.6	14.4

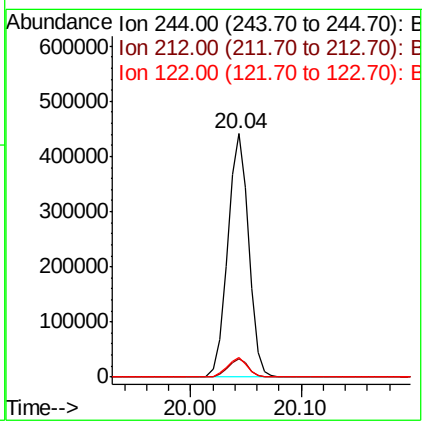


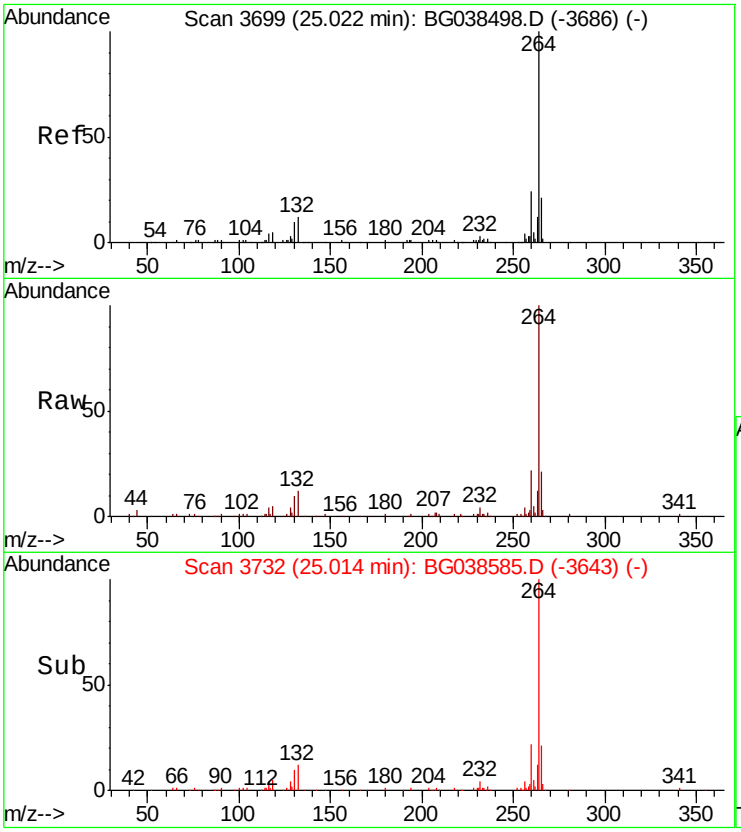


#79
Terphenyl-d14
Concen: 77.922 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Tgt Ion:244 Resp: 587174

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.9	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038585.D
Acq: 15 Dec 2018 2:22

Instrument :
BNA_G
ClientSampleId :
PB115532BL

Tgt Ion:264 Resp: 170120

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.3	17.0	25.4