Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038260.D
Acq On : 30 Nov 2018 16:42
Operator : JU/SJ
Sample : J5996-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC8-04-A

Quant Time: Dec 01 03:29:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33195	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	145592	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	90474	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	198856	20.00	ng		0.00
76) Chrysene-d12	21.75	240	195113	20.00	ng		0.00
87) Perylene-d12	25.07	264	175500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	136615	71.06	ng		0.00
7) Phenol-d6	7.23	99	129243	47.09	ng		0.00
23) Nitrobenzene-d5	9.26	82	225511	82.91	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	116552	112.96	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	481189	77.48	ng		0.00
79) Terphenyl-d14	20.06	244	760736	91.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	28867	14.537	ng	#	74
32) Benzoic acid	10.23	122	73	12.373	ng		97
51) 2,6-Dinitrotoluene	14.72	165	11374	7.007	ng	#	23
57) 2,4-Dinitrotoluene	14.72	165	11374	5.150	ng	#	23
67) 4-Bromophenyl-phenylether	16.20	248	7821	3.583	ng	#	1
77) Benzidine	20.06	184	13985	2.043	ng	#	95

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

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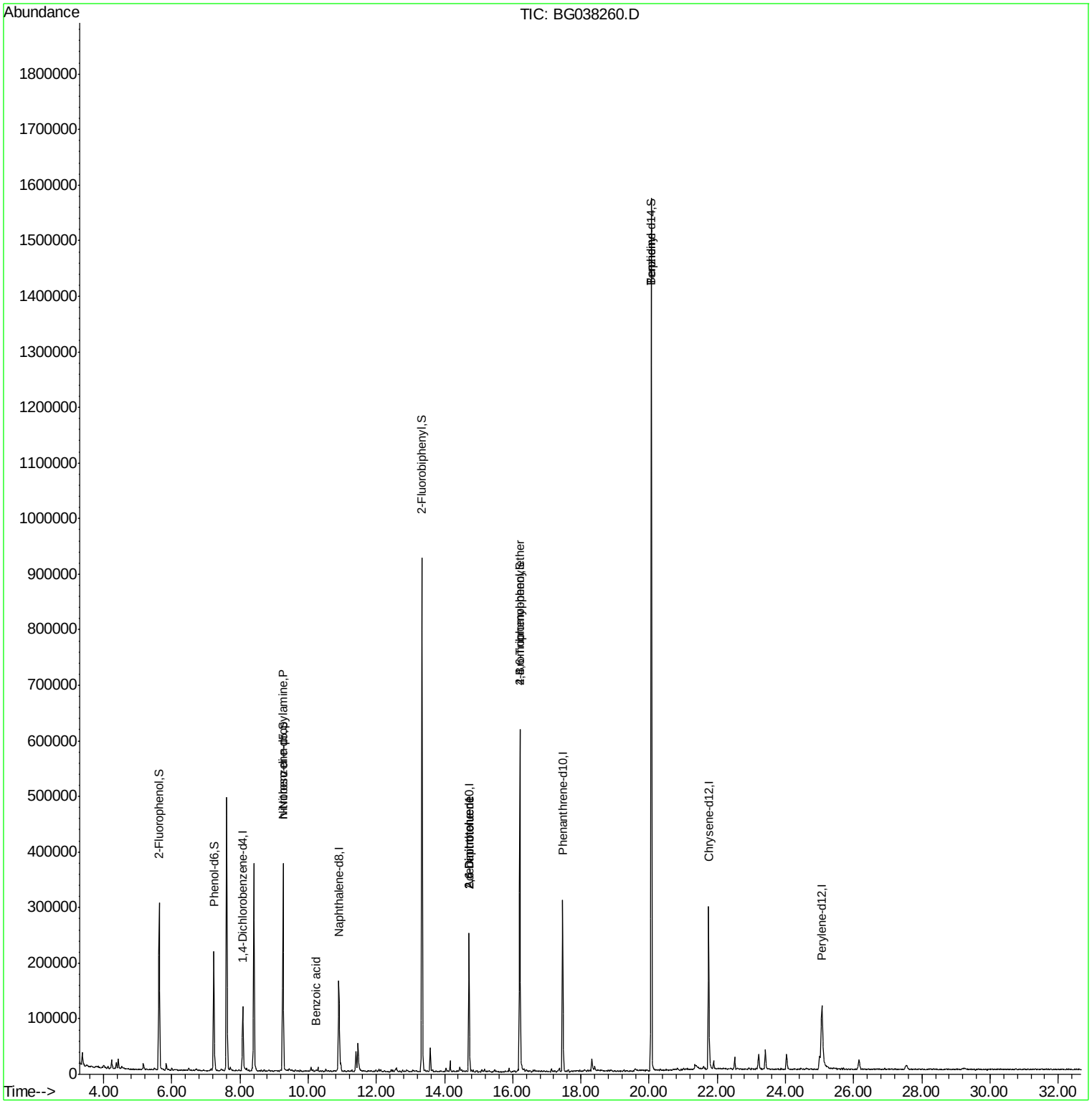
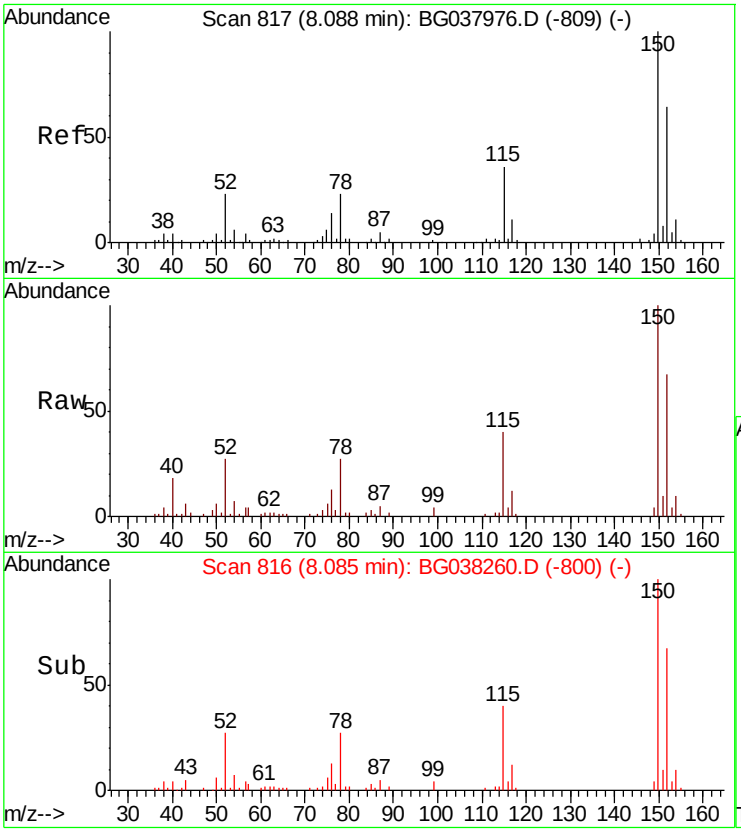


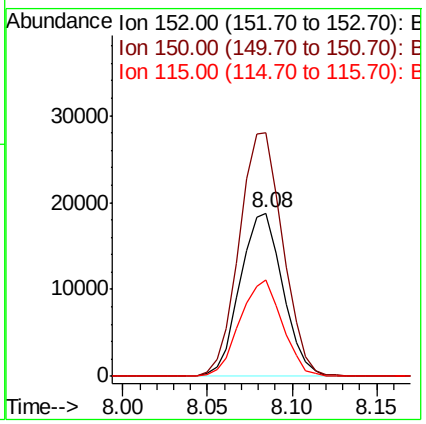


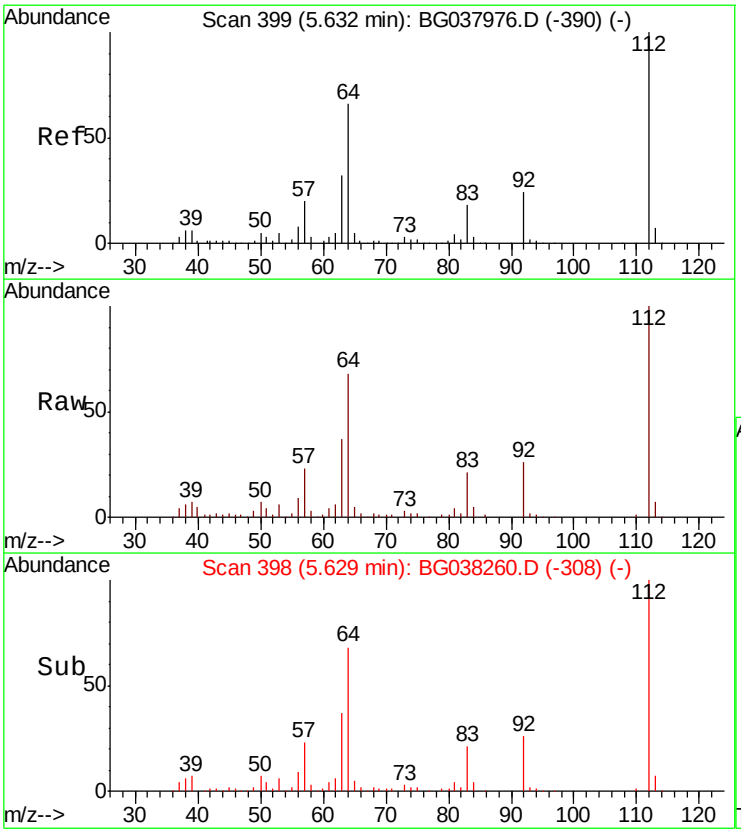
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:152 Resp: 33195

Ion	Ratio	Lower	Upper
152	100		
150	149.1	126.0	189.0
115	59.1	45.5	68.3

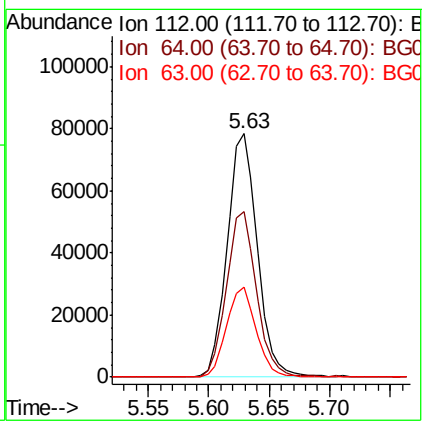


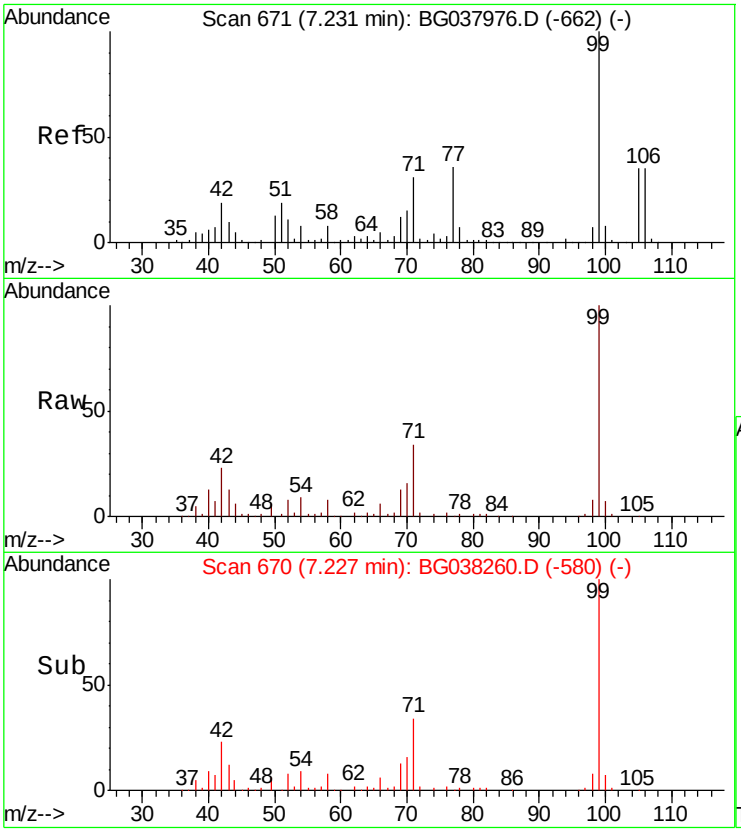


#5
2-Fluorophenol
Concen: 71.057 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:112 Resp: 136615

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	37.1	27.3	40.9



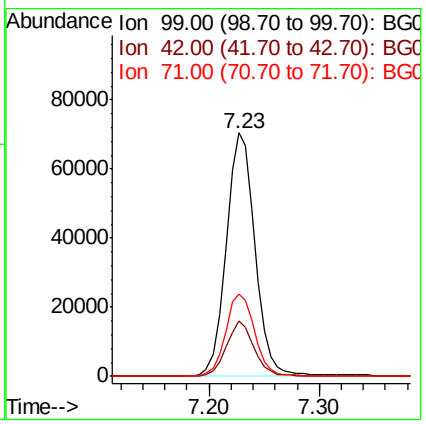


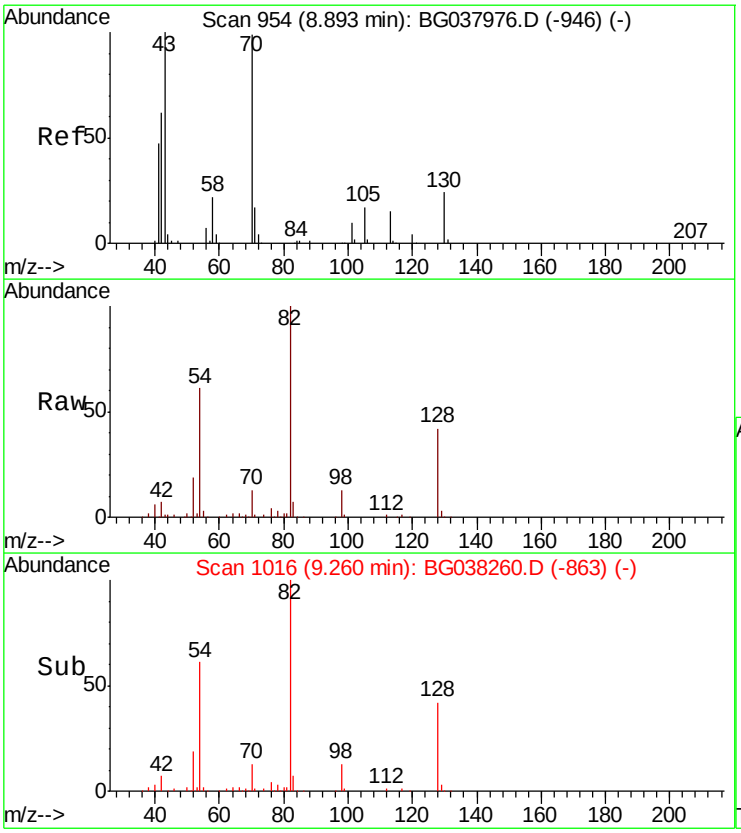
#7
Phenol-d6
Concen: 47.093 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion: 99 Resp: 129243

Ion	Ratio	Lower	Upper
99	100		
42	23.0	15.0	22.4#
71	33.9	25.5	38.3

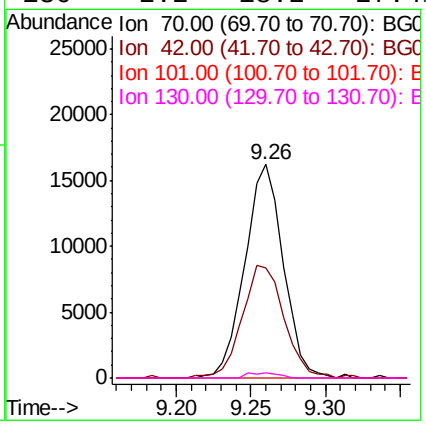


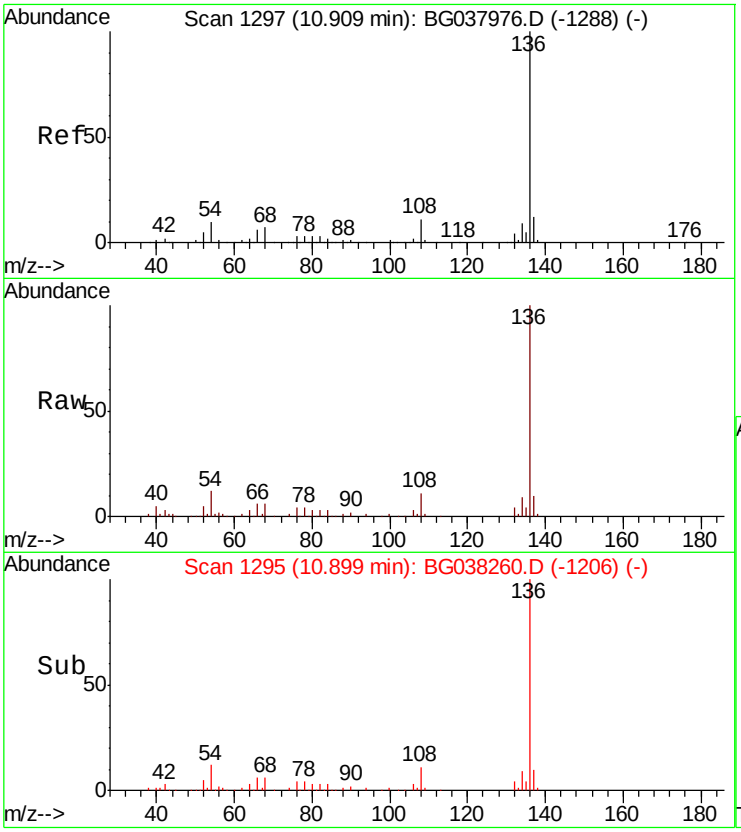


#19
n-Nitroso-di-n-propylamine
Concen: 14.537 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion: 70 Resp: 28867

Ion	Ratio	Lower	Upper
70	100		
42	51.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#



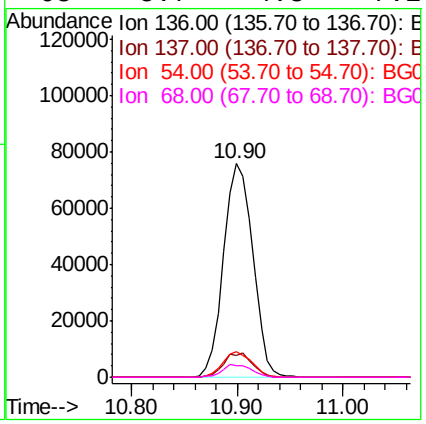


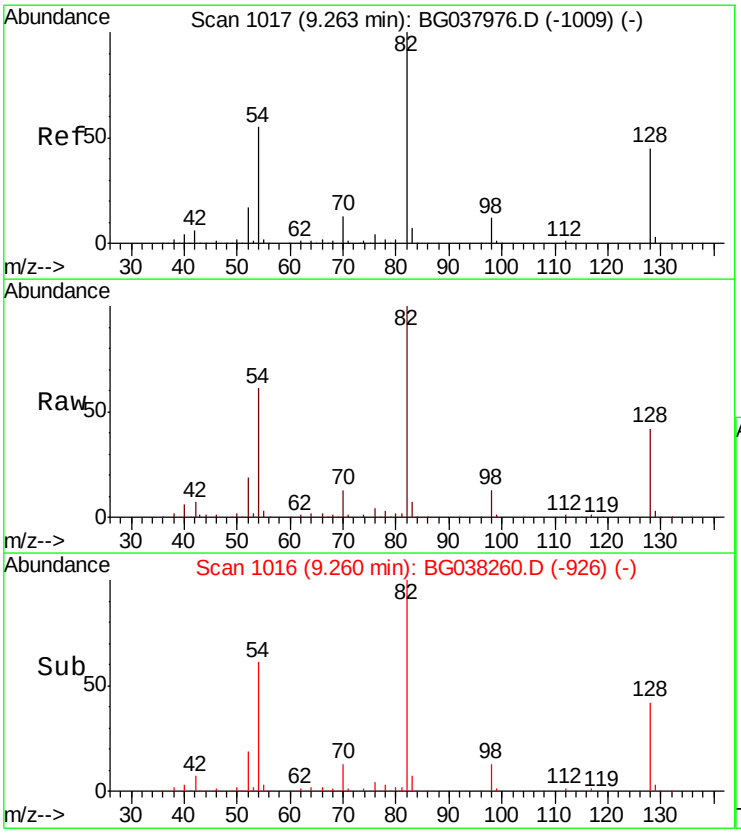
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:136 Resp: 145592

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	11.7	7.9	11.9
68	5.7	4.8	7.2

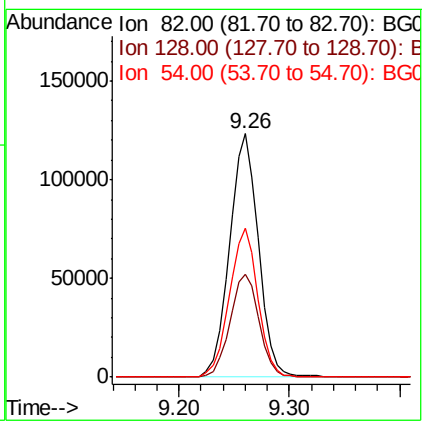


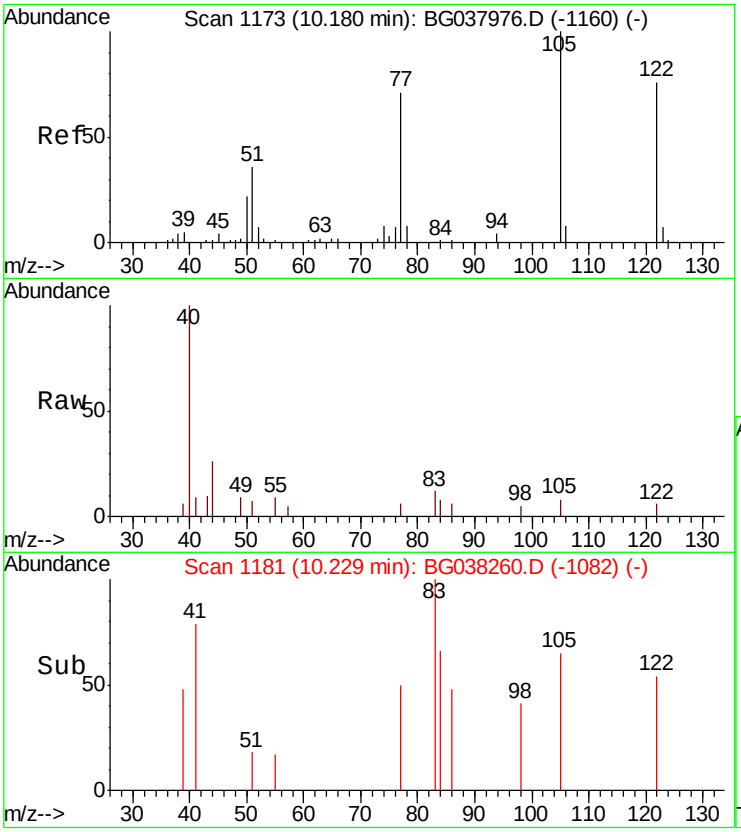


#23
Nitrobenzene-d5
Concen: 82.914 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion: 82 Resp: 225511

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	60.9	45.3	67.9



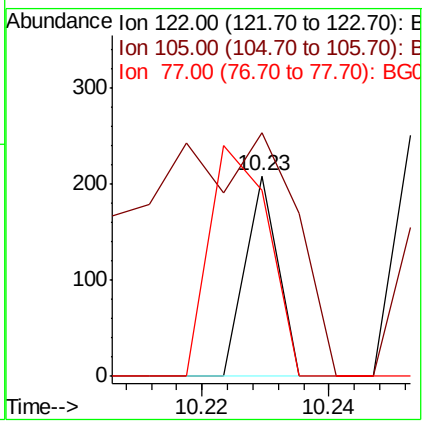


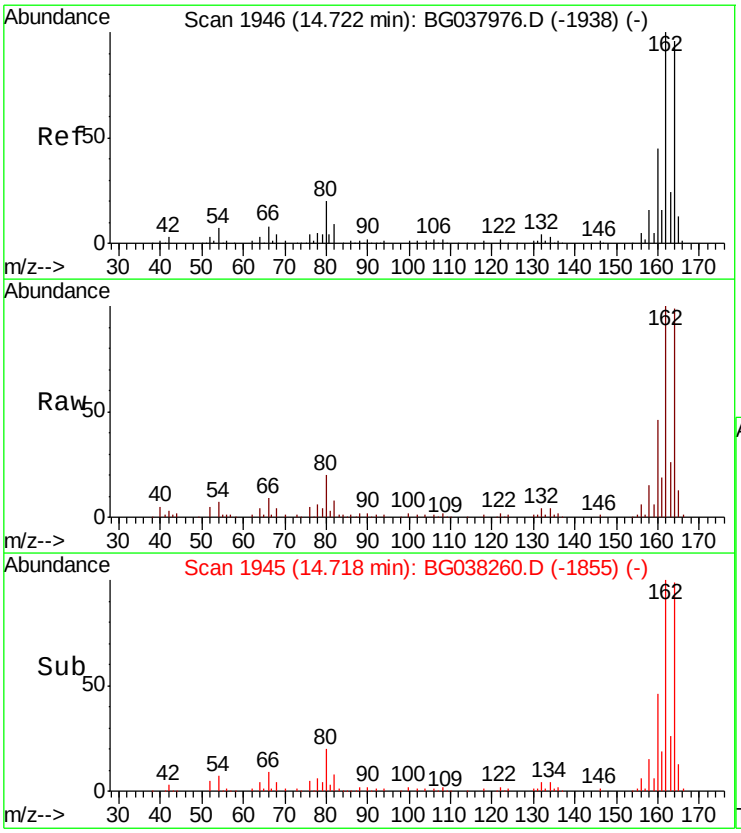
#32
Benzoic acid
Concen: 12.373 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.05 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	121.6	106.7	146.7
77	92.8	72.2	112.2

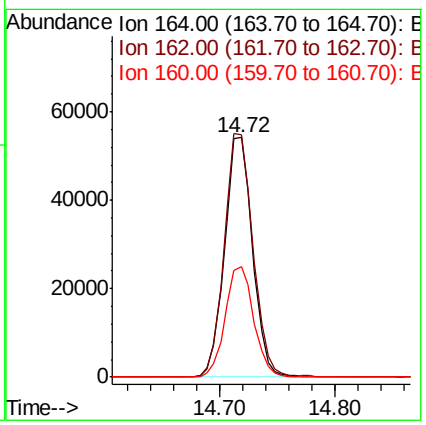


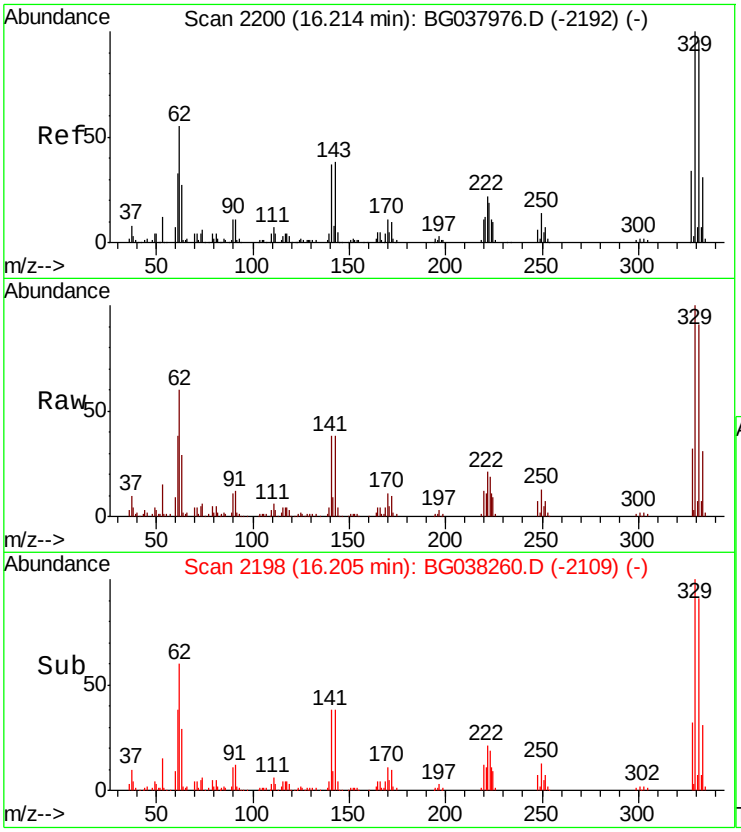


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:164 Resp: 90474

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	46.3	36.3	54.5



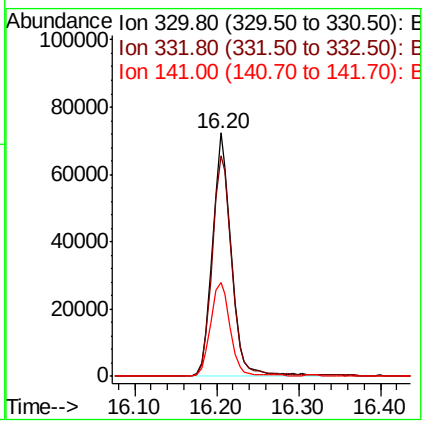


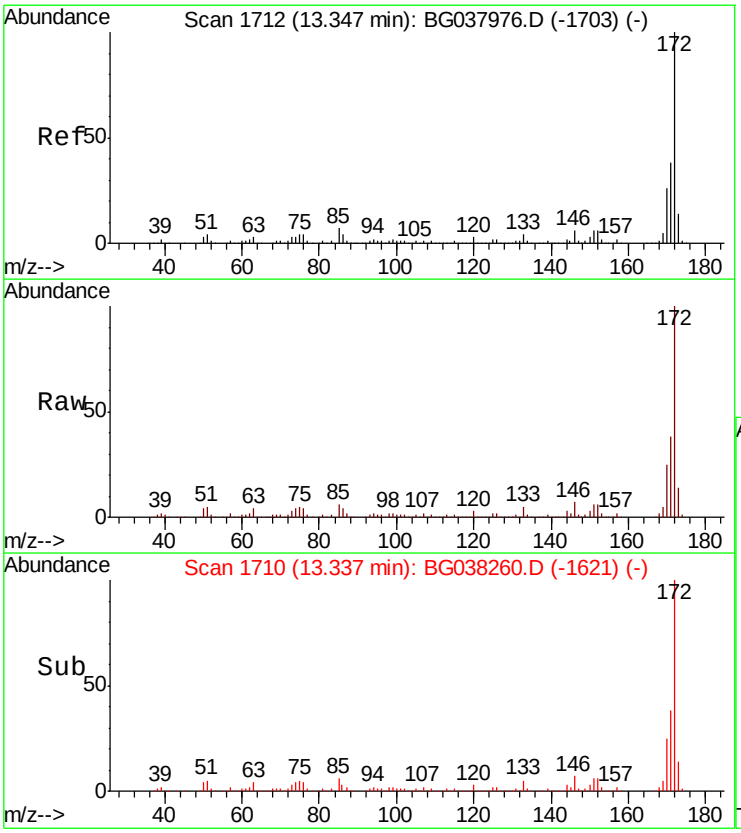
#42
2,4,6-Tribromophenol
Concen: 112.956 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:330 Resp: 116552

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	40.8	32.2	48.2

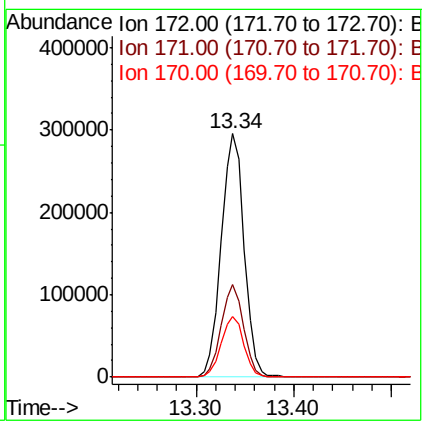


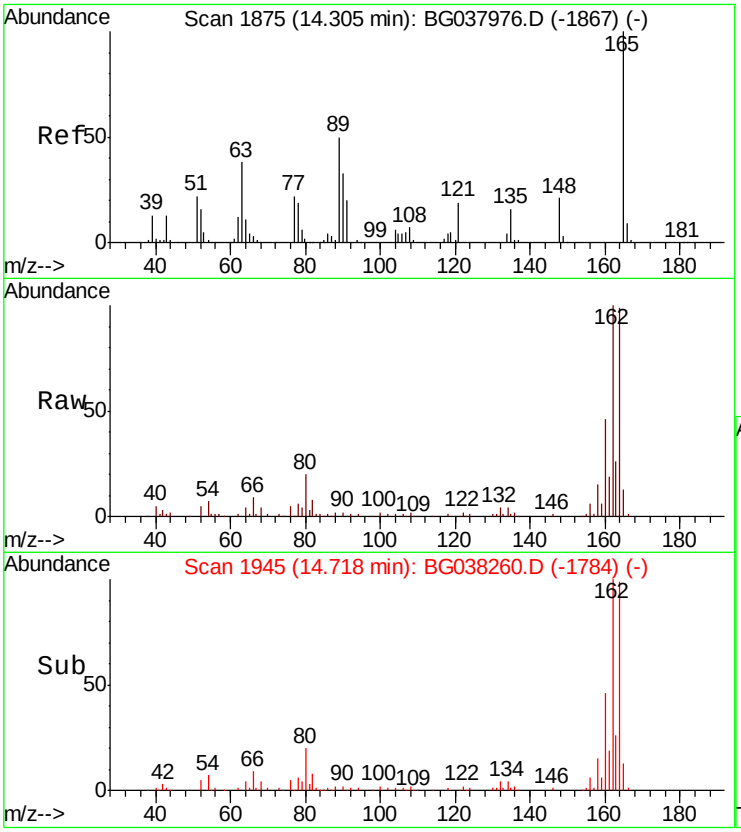


#45
2-Fluorobiphenyl
Concen: 77.483 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:172 Resp: 481189

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.0	20.2	30.2



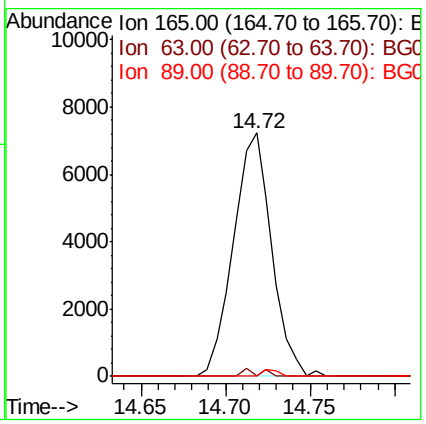


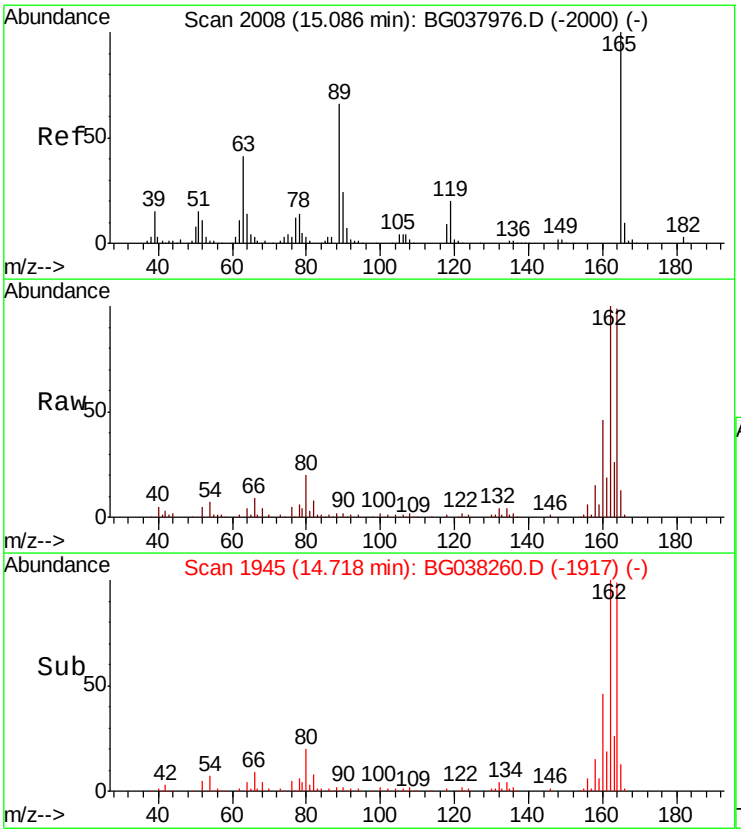
#51
2,6-Dinitrotoluene
Concen: 7.007 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:165 Resp: 11374

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

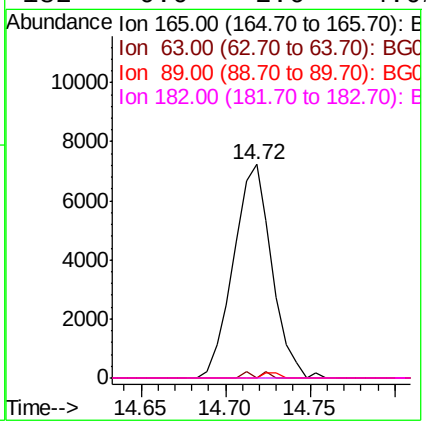


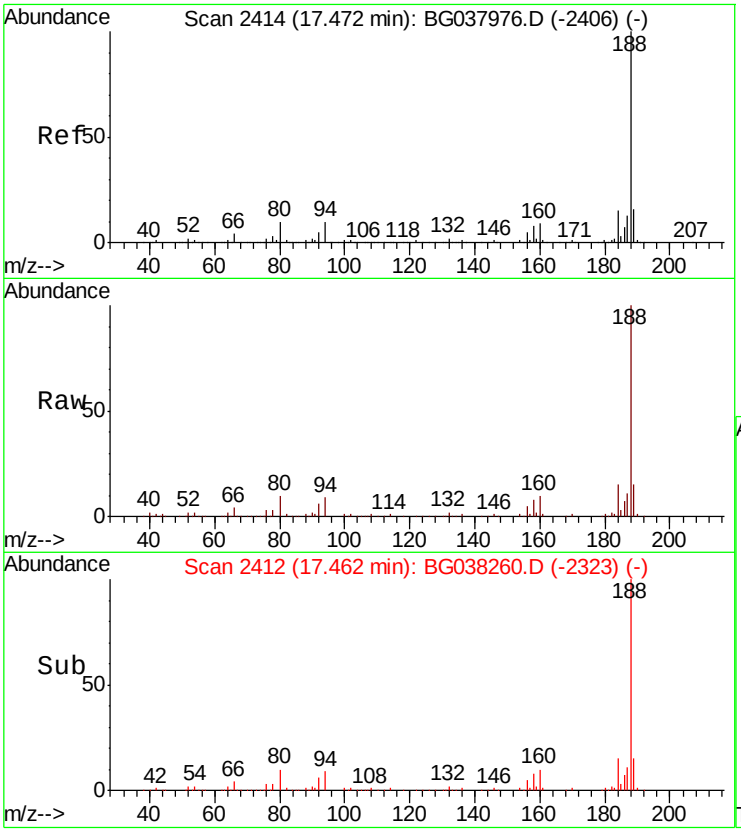


#57
2,4-Dinitrotoluene
Concen: 5.150 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:165 Resp: 11374

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



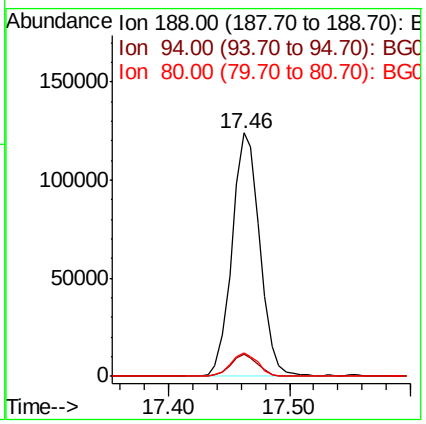


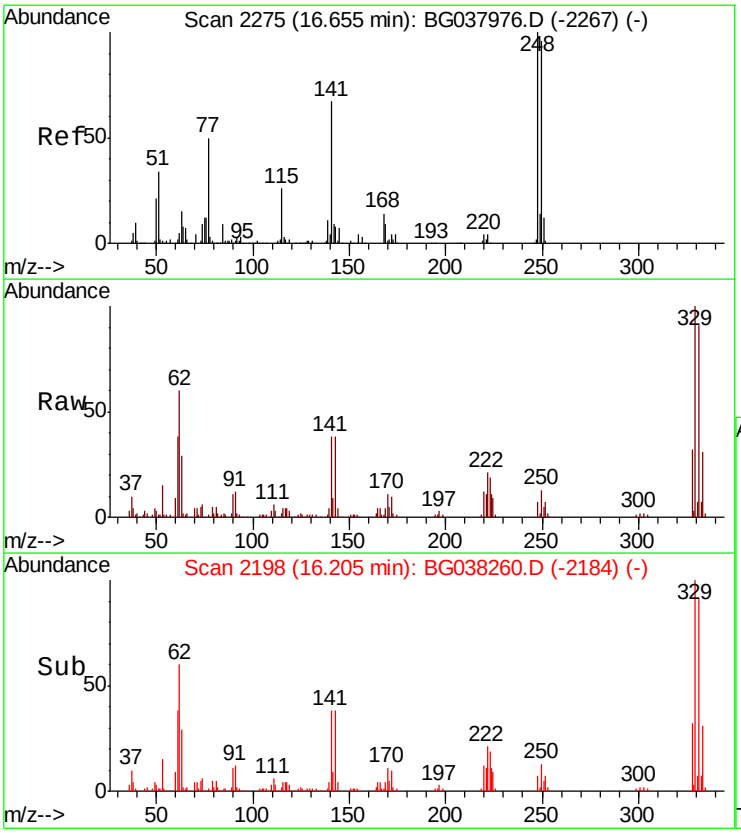
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:188 Resp: 198856

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.8	7.7	11.5

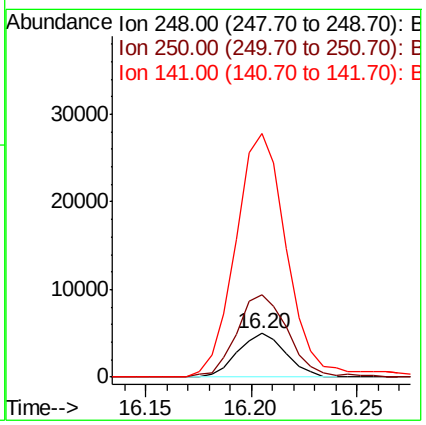


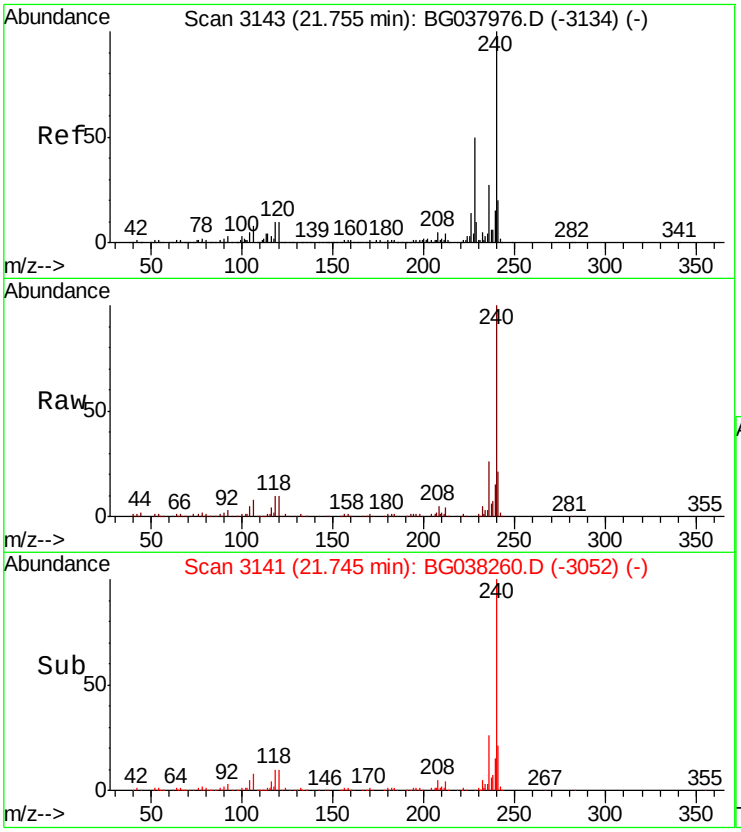


#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:248 Resp: 7821

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.0	115.6#
141	433.7	55.5	83.3#



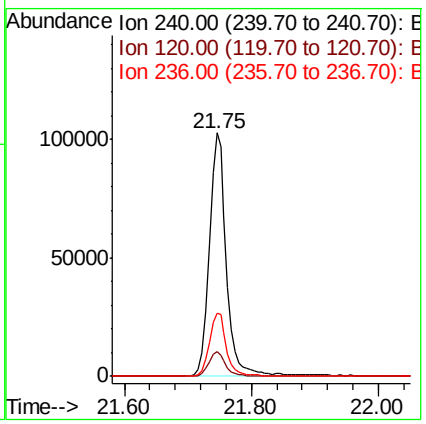


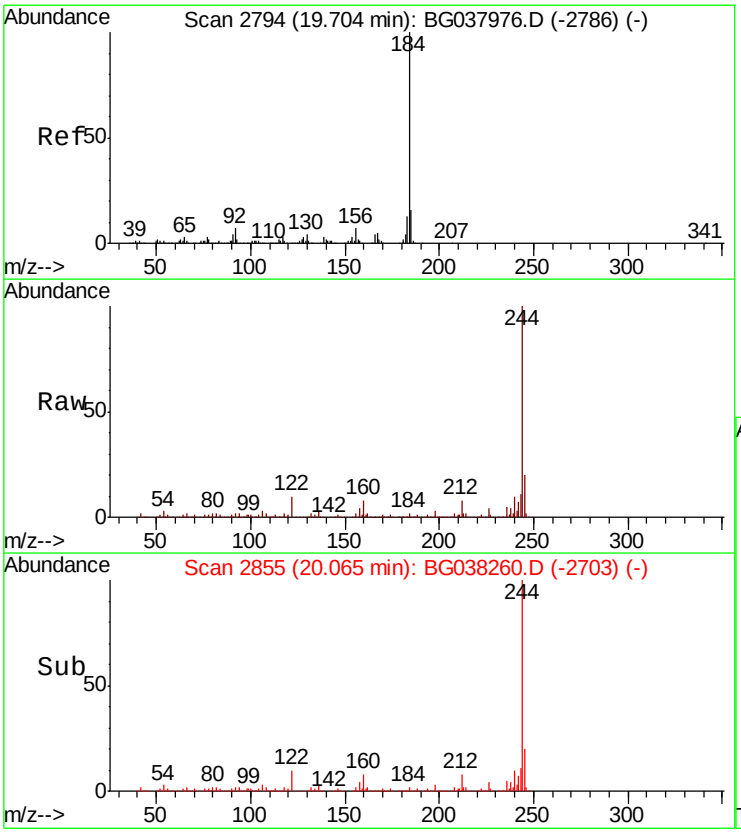
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument :
BNA_G
ClientSampleId :
AOC8-04-A

Tgt Ion:240 Resp: 195113

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.8	21.4	32.0

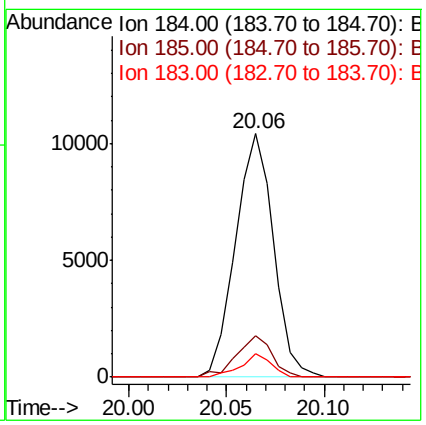


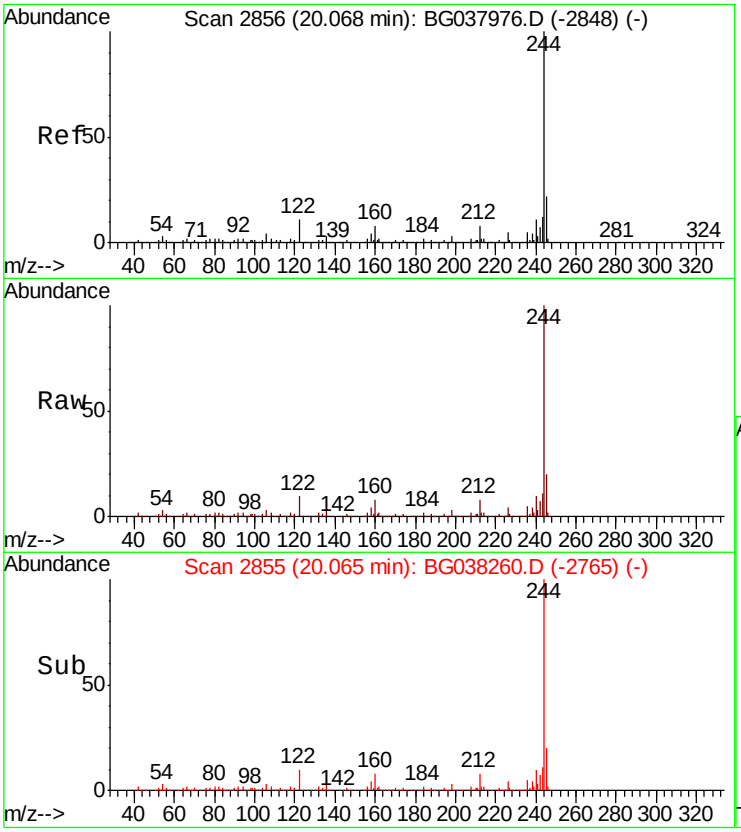


#77
Benzidine
Concen: 2.043 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:184 Resp: 13985

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.6	18.8
183	9.6	10.2	15.2#



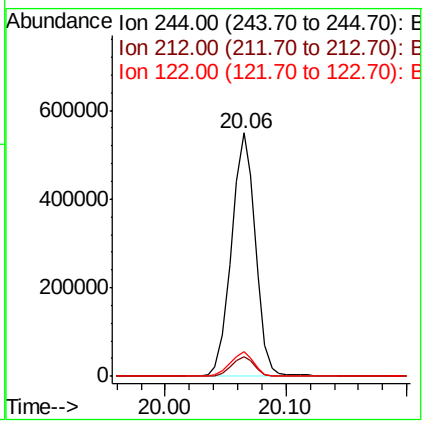


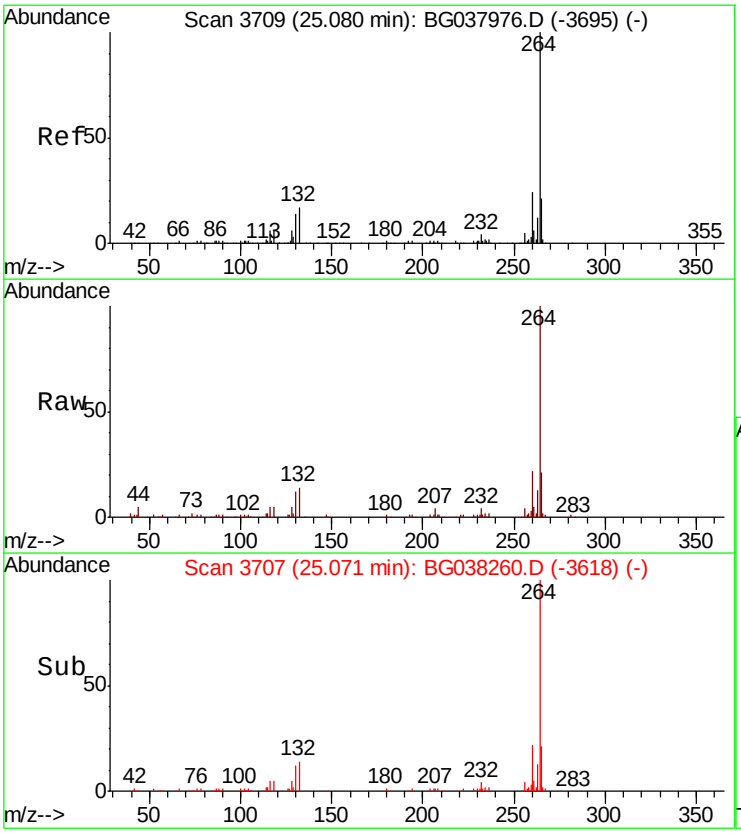
#79
Terphenyl-d14
Concen: 91.743 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Instrument : BNA_G
ClientSampleId : AOC8-04-A

Tgt Ion:244 Resp: 760736

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038260.D
Acq: 30 Nov 2018 16:42

Tgt Ion:264 Resp: 175500

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.5	17.9	26.9