Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038266.D
Acq On : 30 Nov 2018 20:39
Operator : JU/SJ
Sample : J5762-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-112918

Quant Time: Dec 01 03:31:35 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	8.09	152	31139	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	137203	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	84704	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	191862	20.00	ng		0.00
76) Chrysene-d12	21.75	240	179111	20.00	ng		0.00
87) Perylene-d12	25.08	264	113012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	224529	124.49	ng		0.00
7) Phenol-d6	7.23	99	284404	110.47	ng		0.00
23) Nitrobenzene-d5	9.26	82	232001	90.52	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	86174	89.20	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	494968	85.13	ng		0.00
79) Terphenyl-d14	20.07	244	837996	110.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	30092	16.154	ng	#	70
32) Benzoic acid	10.42	122	56	12.366	ng	#	1
51) 2,6-Dinitrotoluene	14.71	165	10546	6.939	ng	#	23
57) 2,4-Dinitrotoluene	14.71	165	10546	5.100	ng	#	23
67) 4-Bromophenyl-phenylether	16.21	248	6106	2.900	ng	#	1
77) Benzidine	20.07	184	14374	2.287	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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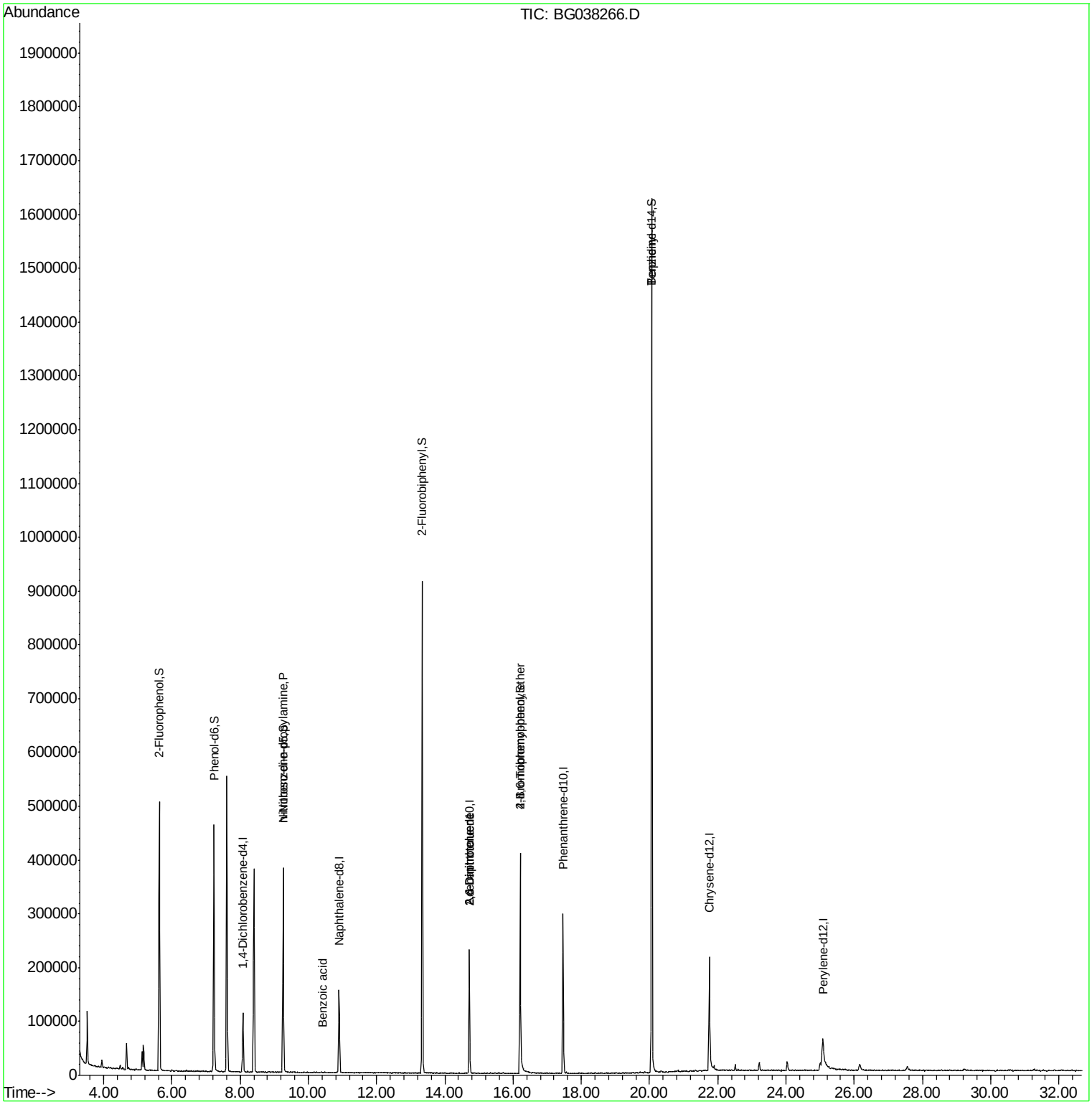
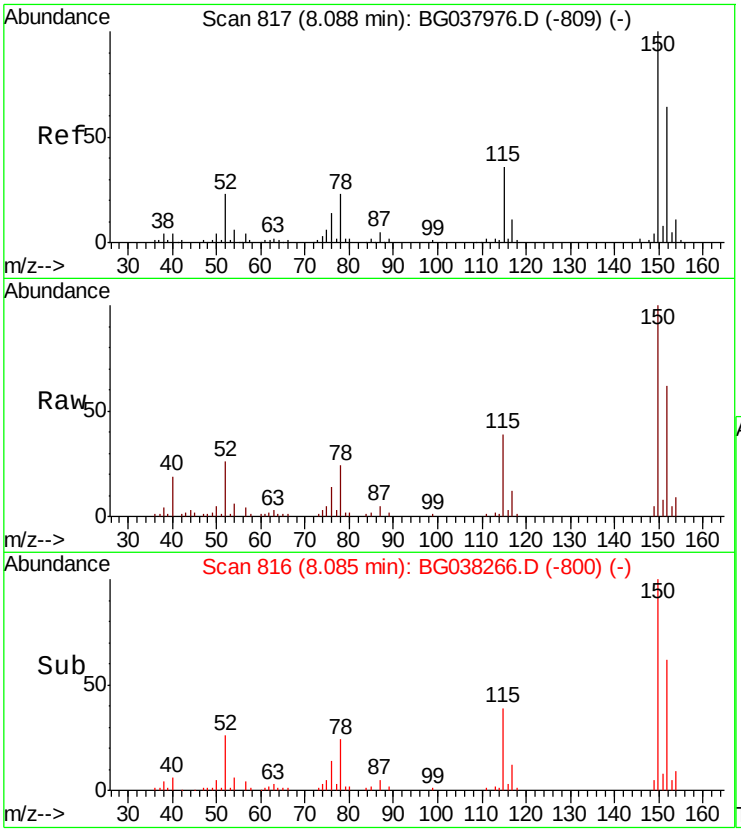
Response via : Initial Calibration



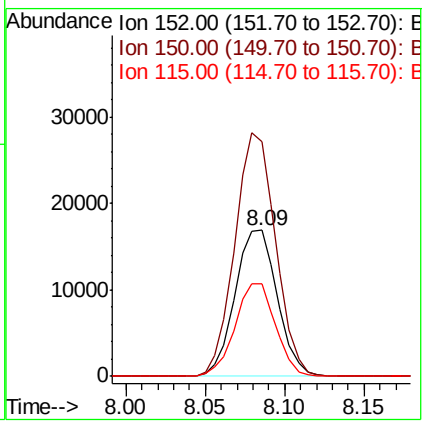


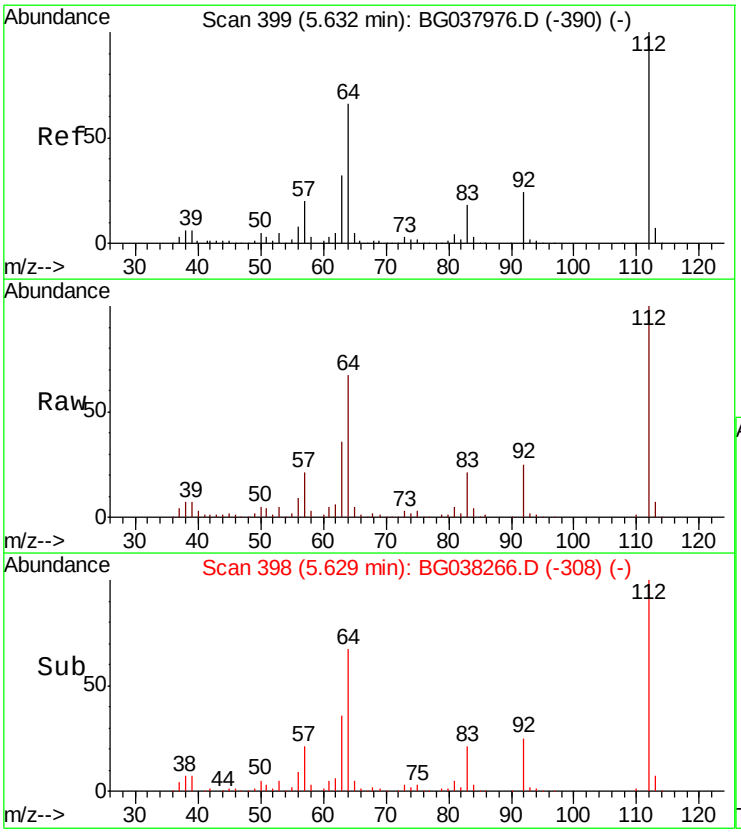
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:152 Resp: 31139

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.0	189.0
115	63.2	45.5	68.3

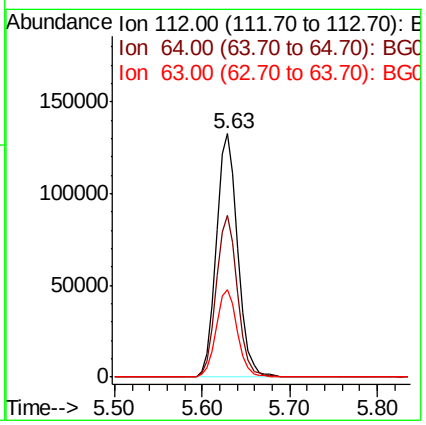


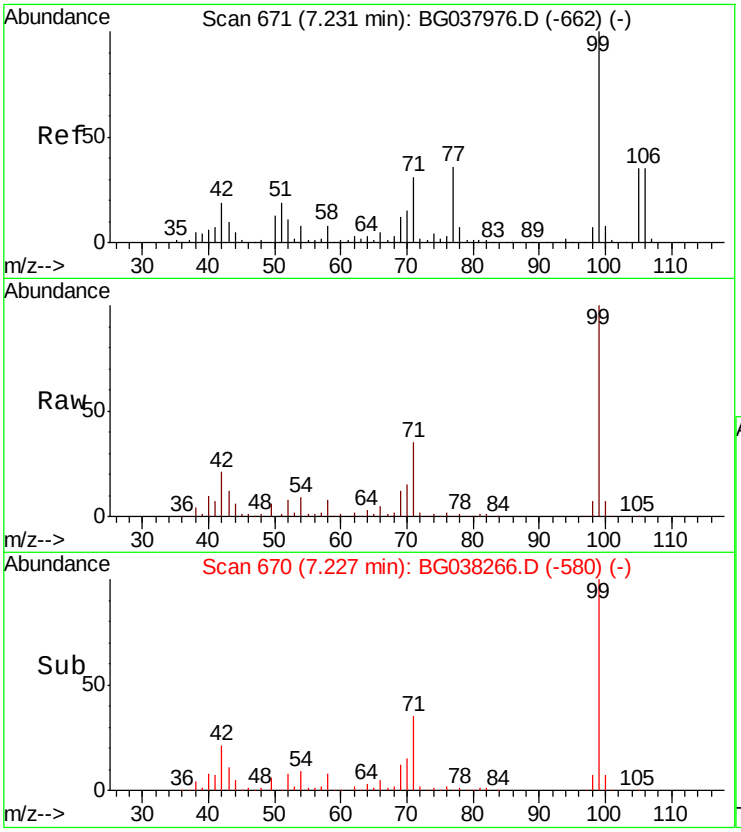


#5
2-Fluorophenol
Concen: 124.495 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:112 Resp: 224529

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	36.1	27.3	40.9



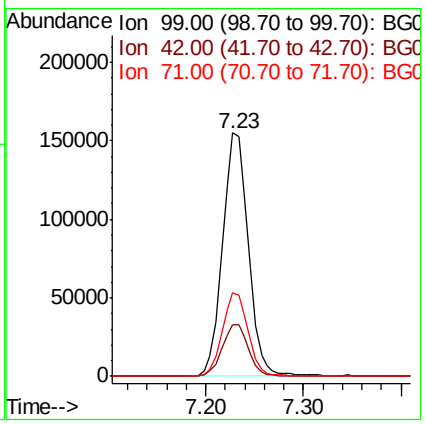


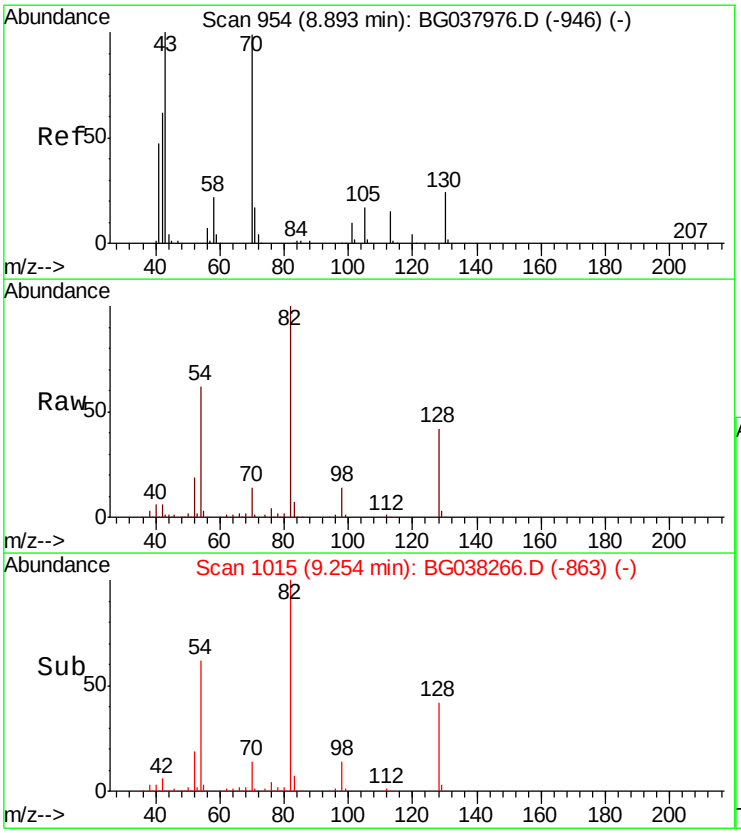
#7
Phenol-d6
Concen: 110.473 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion: 99 Resp: 284404

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.0	22.4
71	34.6	25.5	38.3

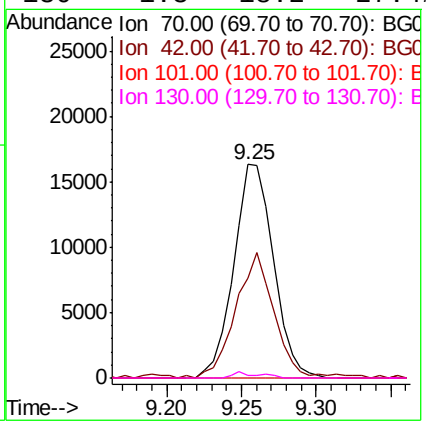


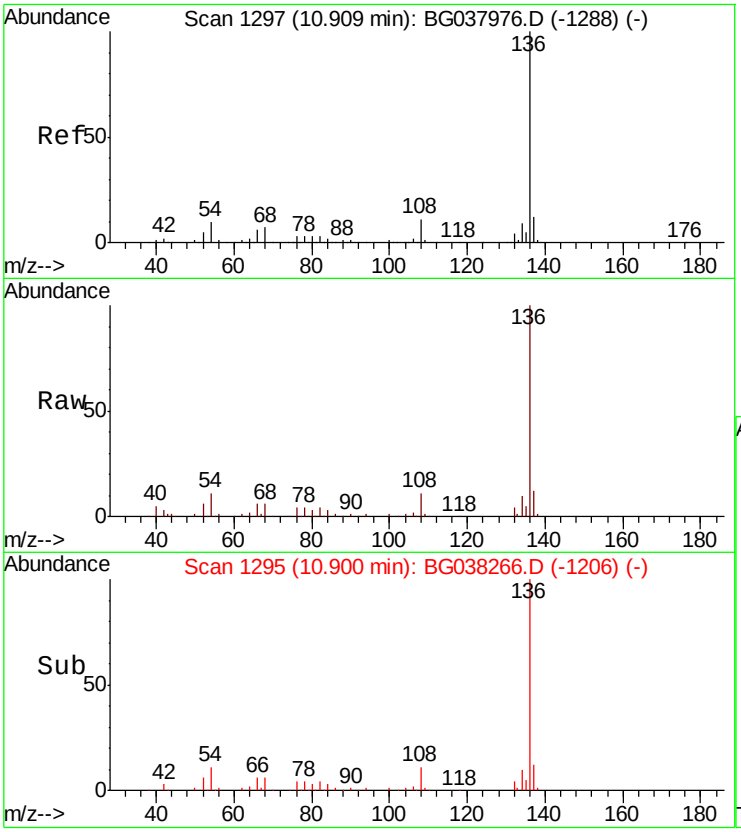


#19
n-Nitroso-di-n-propylamine
Concen: 16.154 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion: 70 Resp: 30092

Ion	Ratio	Lower	Upper
70	100		
42	46.6	53.9	80.9#
101	0.0	8.2	12.2#
130	1.3	18.2	27.4#



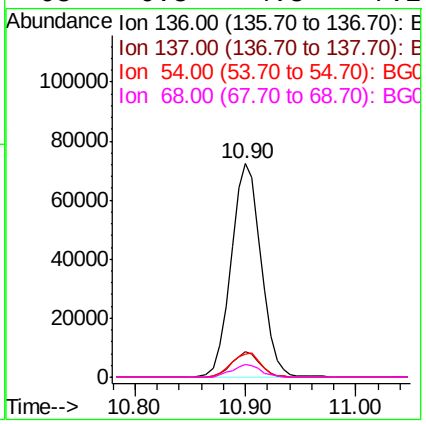


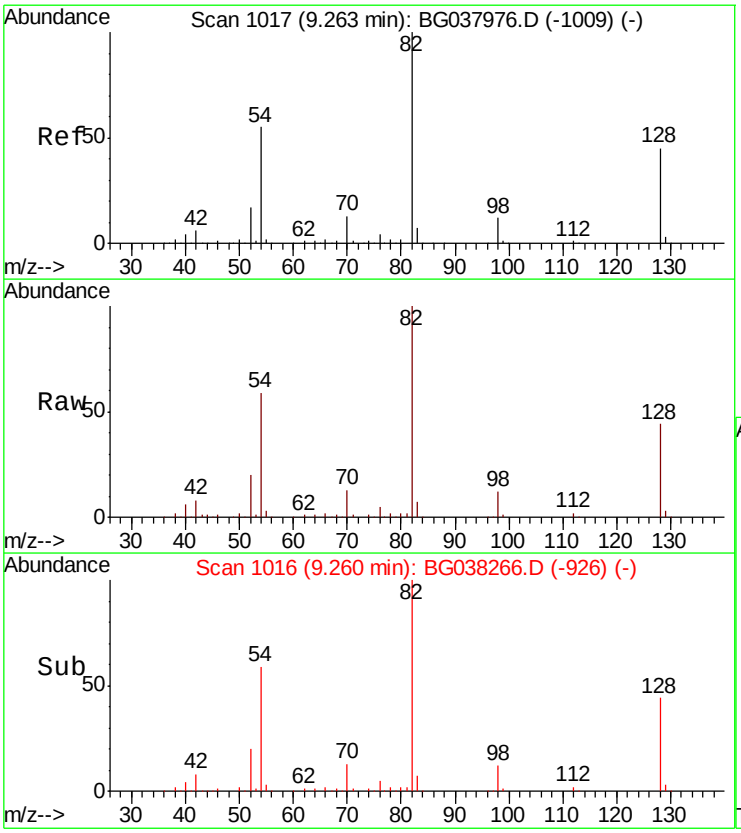
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:136 Resp: 137203

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.8	7.9	11.9
68	6.3	4.8	7.2

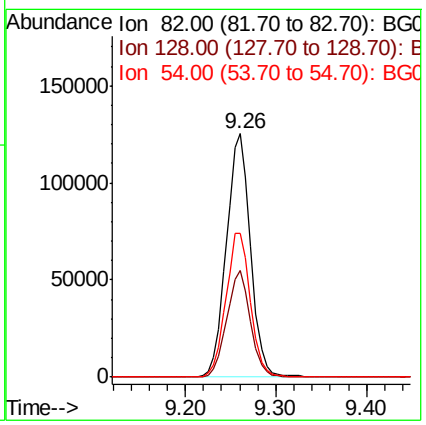


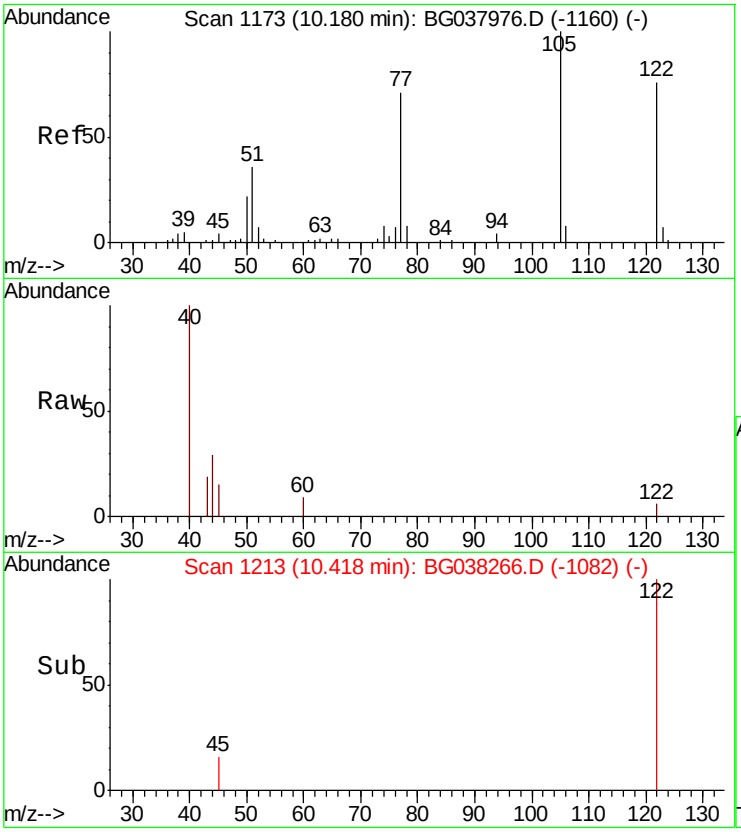


#23
Nitrobenzene-d5
Concen: 90.516 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion: 82 Resp: 232001

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	59.3	45.3	67.9



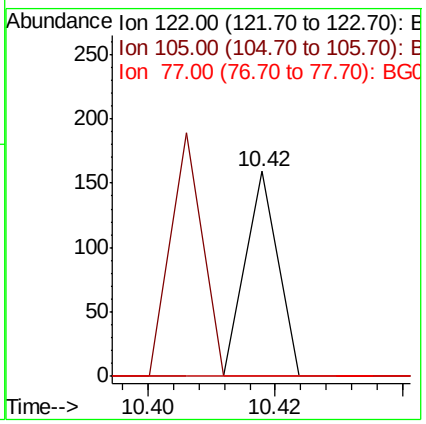


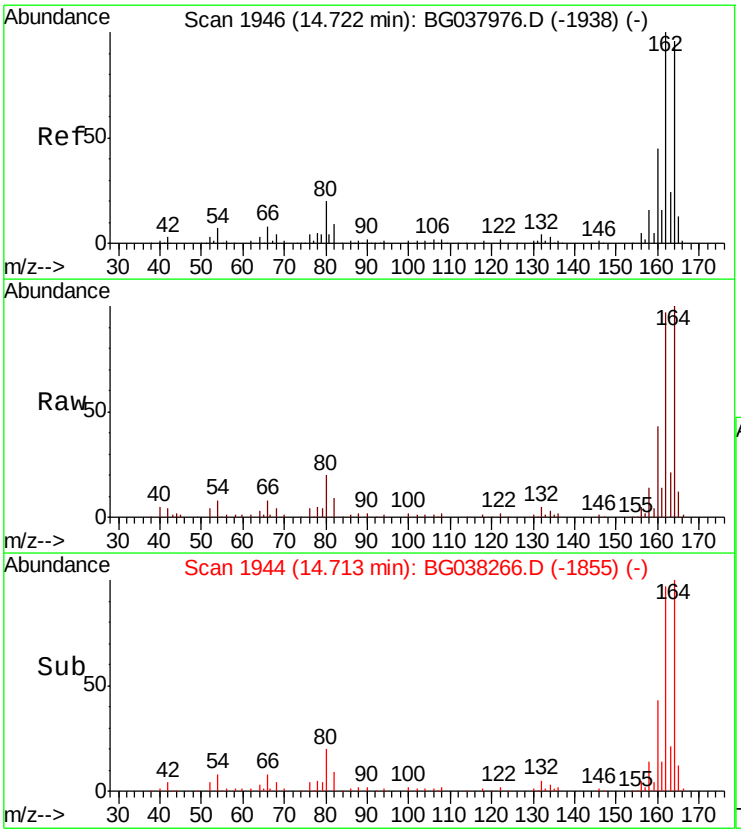
#32
Benzoic acid
Concen: 12.366 ng
RT: 10.42 min Scan# 1213
Delta R.T. 0.24 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.7	146.7#
77	0.0	72.2	112.2#

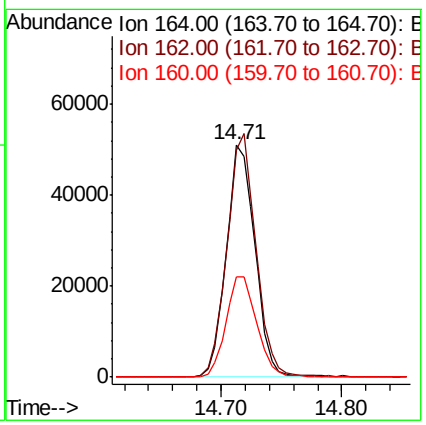


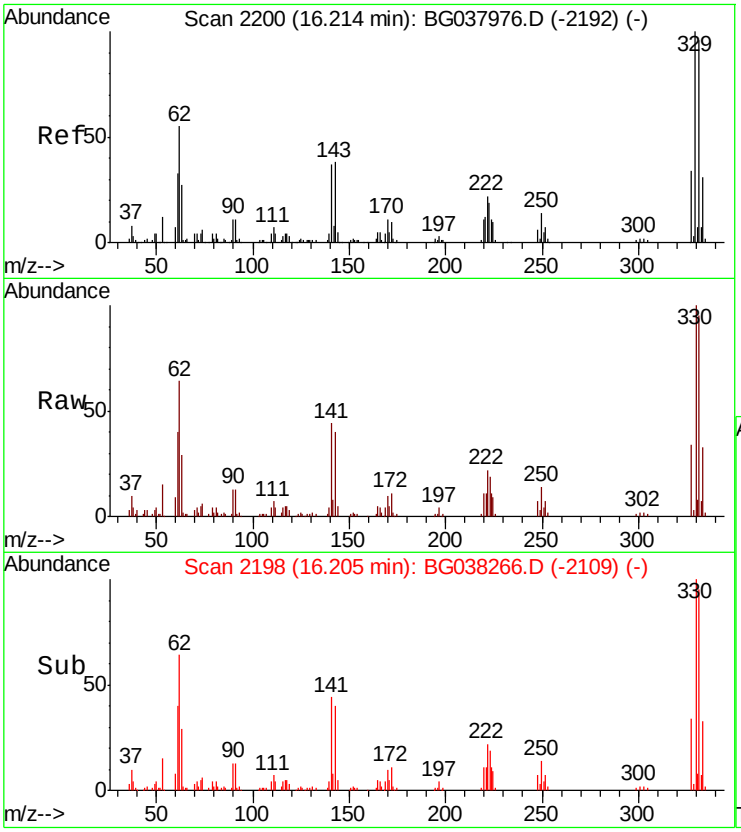


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:164 Resp: 84704

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.3	121.9
160	43.1	36.3	54.5



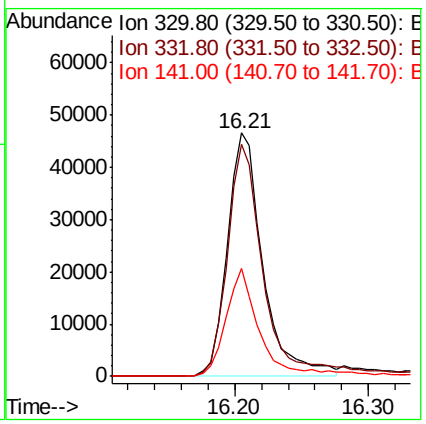


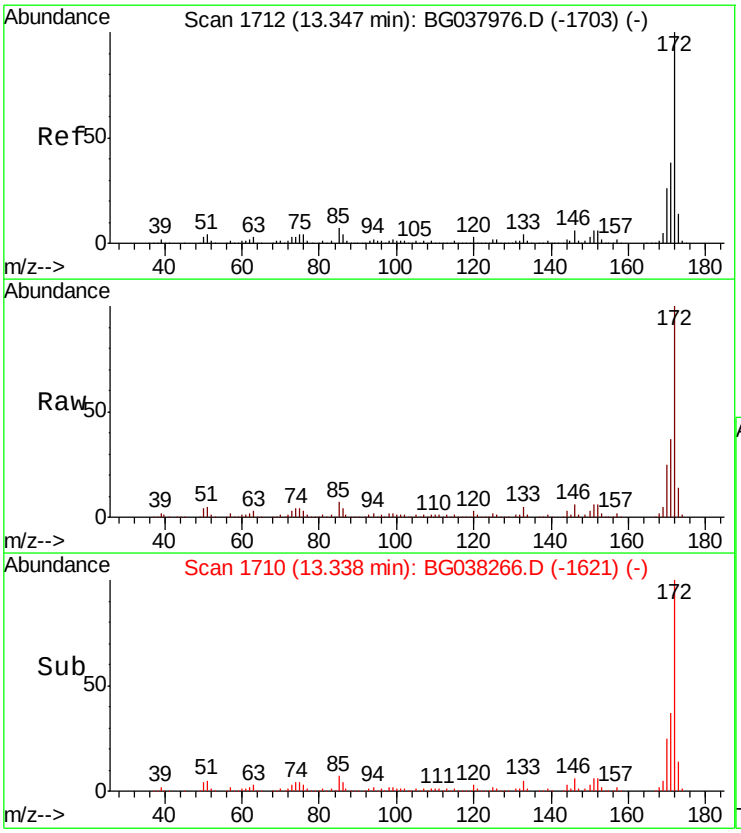
#42
2,4,6-Tribromophenol
Concen: 89.204 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:330 Resp: 86174

Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.4	117.6
141	42.3	32.2	48.2

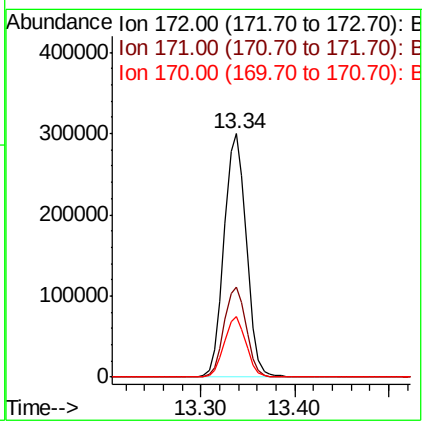


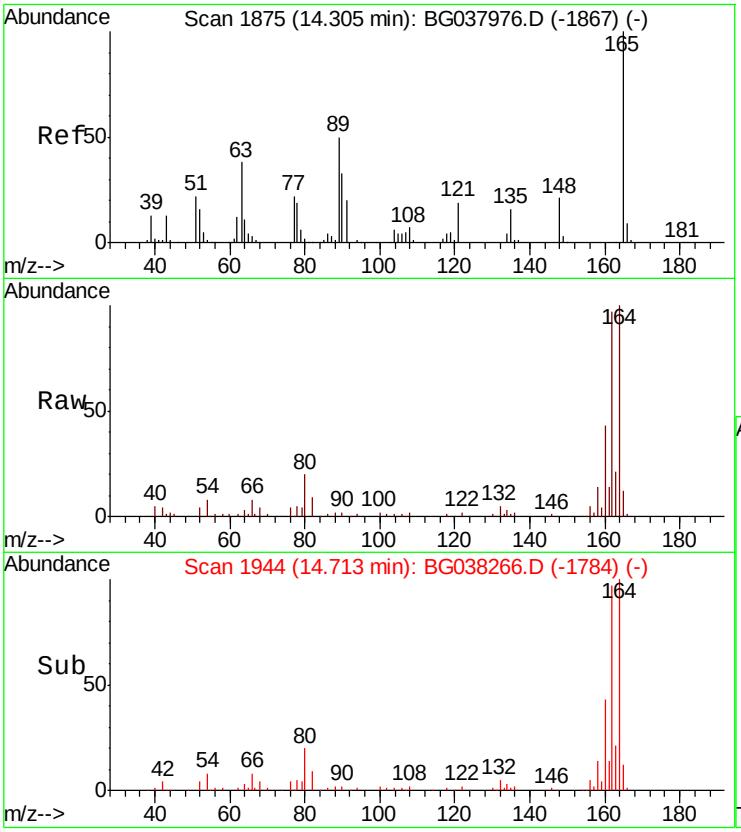


#45
2-Fluorobiphenyl
Concen: 85.131 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:172 Resp: 494968

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	20.2	30.2



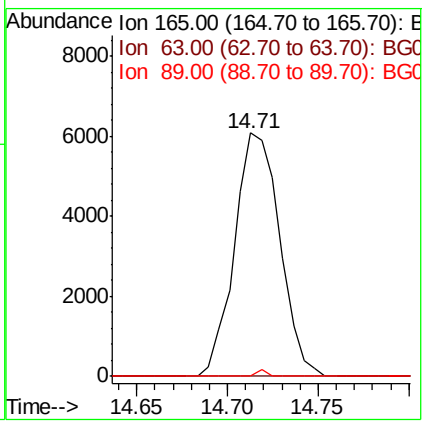


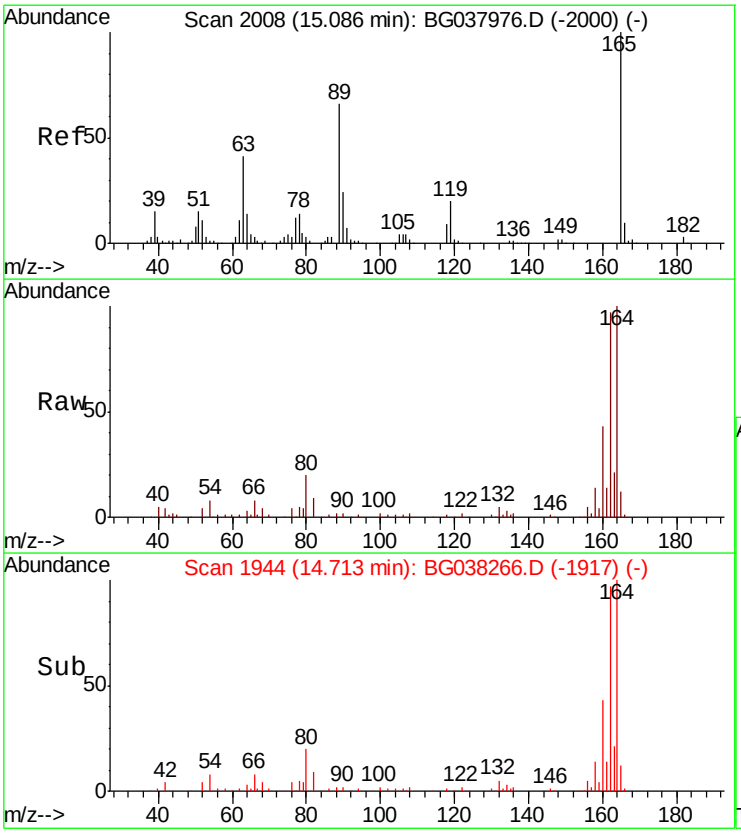
#51
2,6-Dinitrotoluene
Concen: 6.939 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.41 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:165 Resp: 10546

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

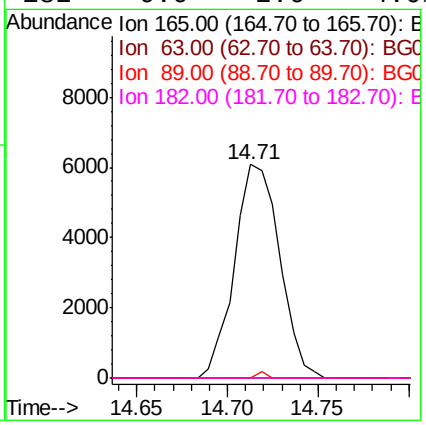


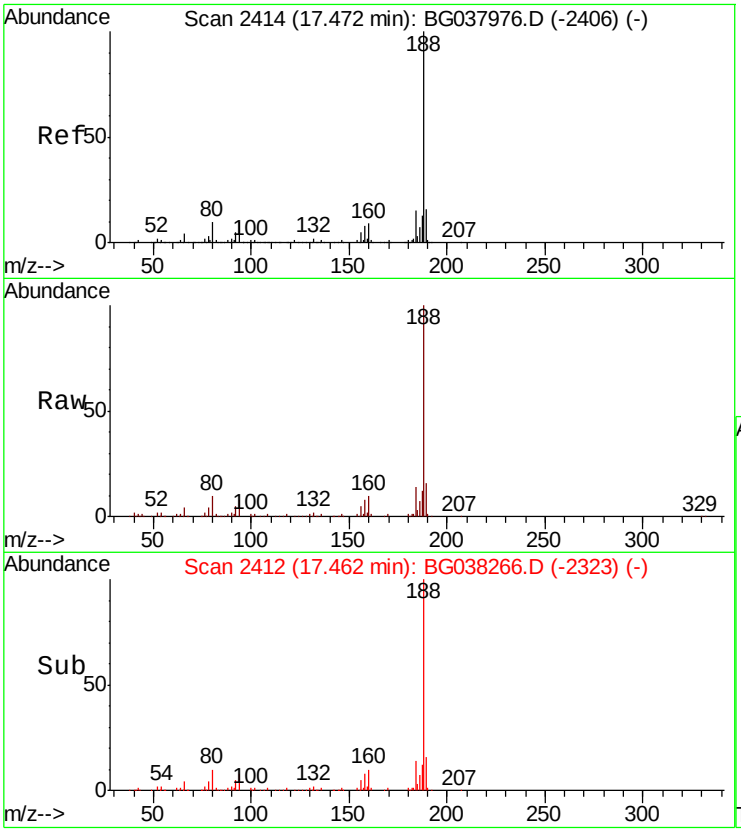


#57
2,4-Dinitrotoluene
Concen: 5.100 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:165 Resp: 10546

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#



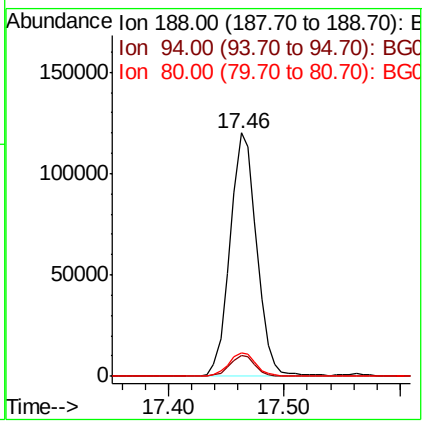


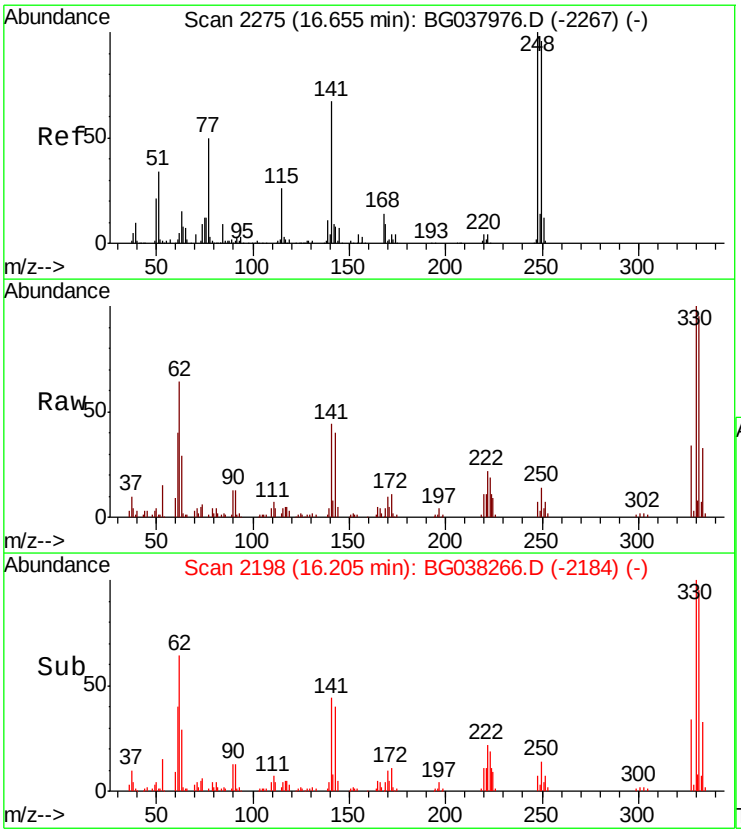
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:188 Resp: 191862

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.7	7.7	11.5

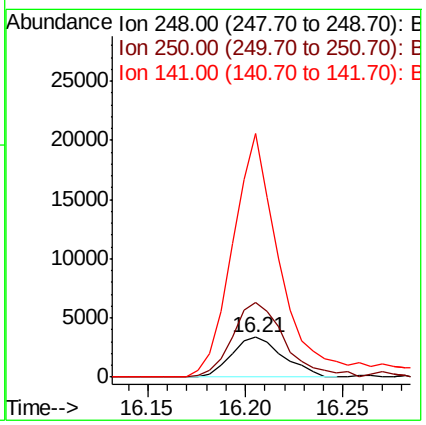


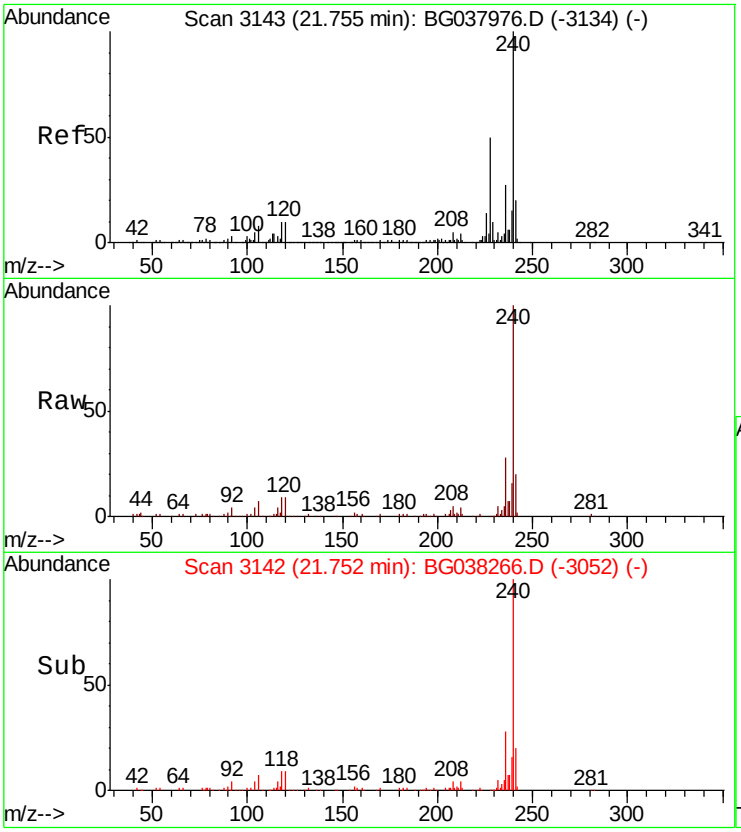


#67
4-Bromophenyl-phenylether
Concen: 2.900 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:248 Resp: 6106

Ion	Ratio	Lower	Upper
248	100		
250	170.6	77.0	115.6#
141	436.0	55.5	83.3#



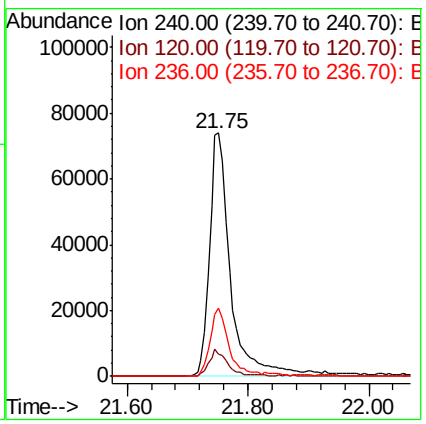


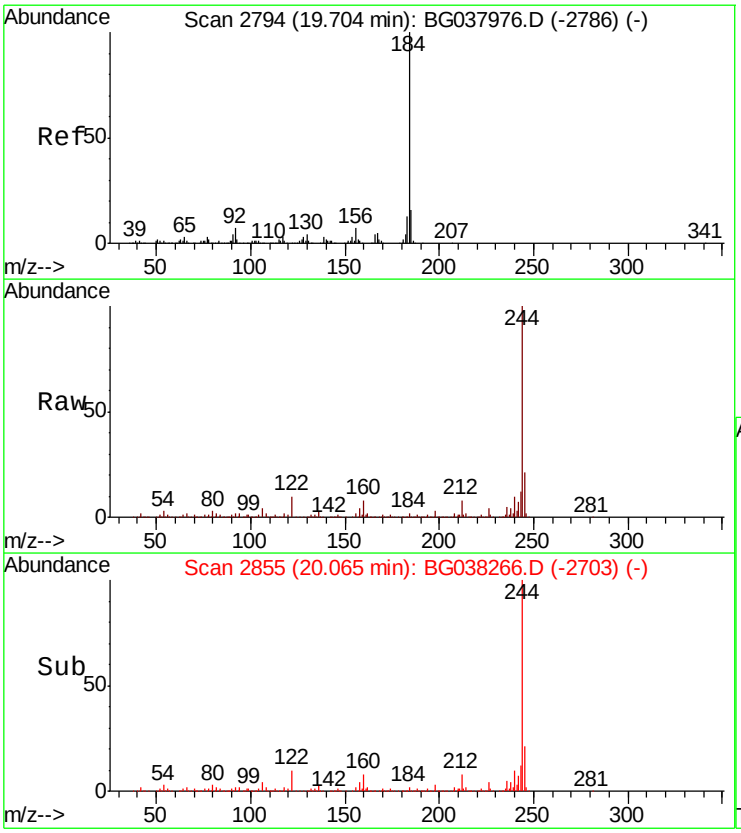
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:240 Resp: 179111

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	27.9	21.4	32.0

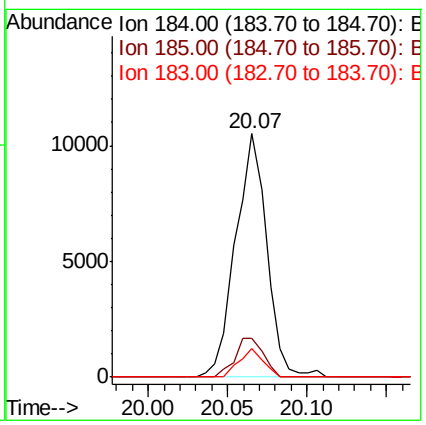


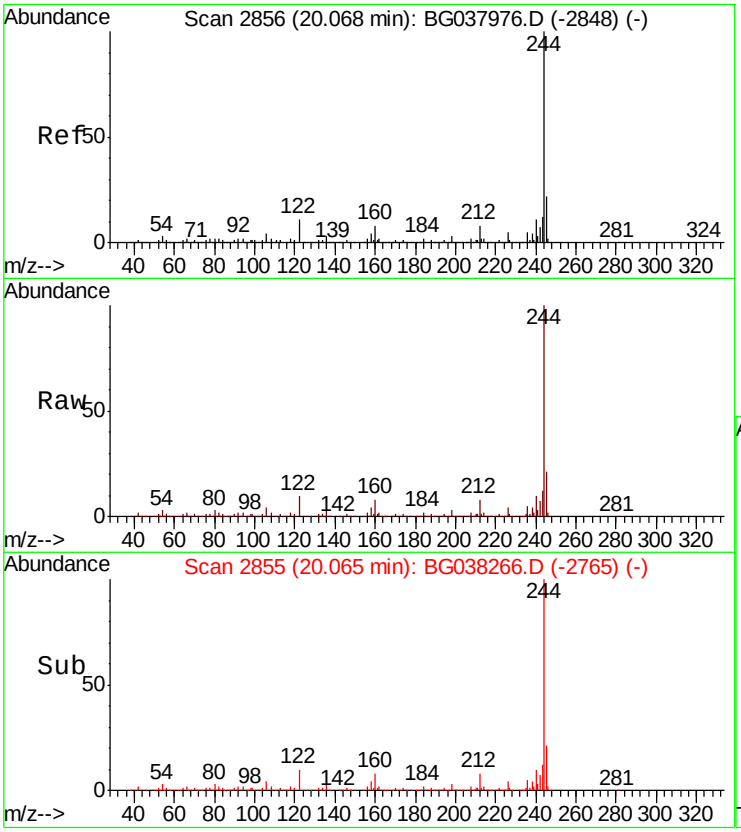


#77
Benzidine
Concen: 2.287 ng
RT: 20.07 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:184 Resp: 14374

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.5	10.2	15.2



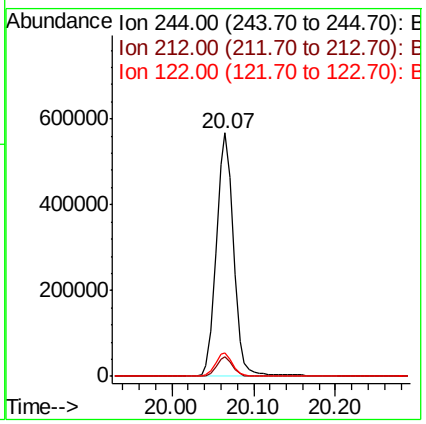


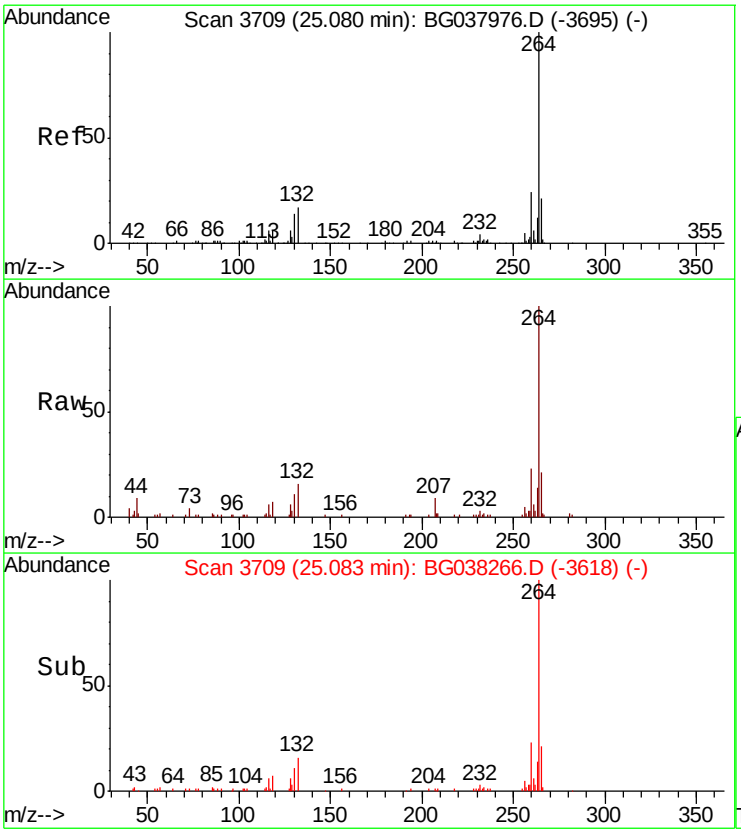
#79
Terphenyl-d14
Concen: 110.089 ng
RT: 20.07 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Instrument :
BNA_G
ClientSampleId :
BU-02-112918

Tgt Ion:244 Resp: 837996

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038266.D
Acq: 30 Nov 2018 20:39

Tgt Ion:264 Resp: 113012

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.5	17.9	26.9