Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
Data File : BG038180.D
Acq On : 27 Nov 2018 23:35
Operator : JU/SJ
Sample : J5774-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-112118-A

Quant Time: Nov 28 04:13:19 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	40700	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	175668	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	109556	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	247674	20.00	ng		0.00
76) Chrysene-d12	21.76	240	230354	20.00	ng		0.00
87) Perylene-d12	25.09	264	205464	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	270276	114.66	ng		0.00
7) Phenol-d6	7.24	99	338772	100.68	ng		0.00
23) Nitrobenzene-d5	9.26	82	271138	82.62	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	115510	92.45	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	563981	75.00	ng		0.00
79) Terphenyl-d14	20.07	244	916587	93.63	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	9.19	117	2762	2.384	ng	#	1
19) n-Nitroso-di-n-propylamine	9.26	70	35205	14.459	ng	#	79
31) Naphthalene	10.96	128	36346	4.207	ng		97
51) 2,6-Dinitrotoluene	14.72	165	13848	7.045	ng	#	26
57) 2,4-Dinitrotoluene	14.72	165	13848	5.178	ng	#	26
67) 4-Bromophenyl-phenylether	16.20	248	7726	2.842	ng	#	1
77) Benzidine	20.07	184	16225	2.007	ng	#	93

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

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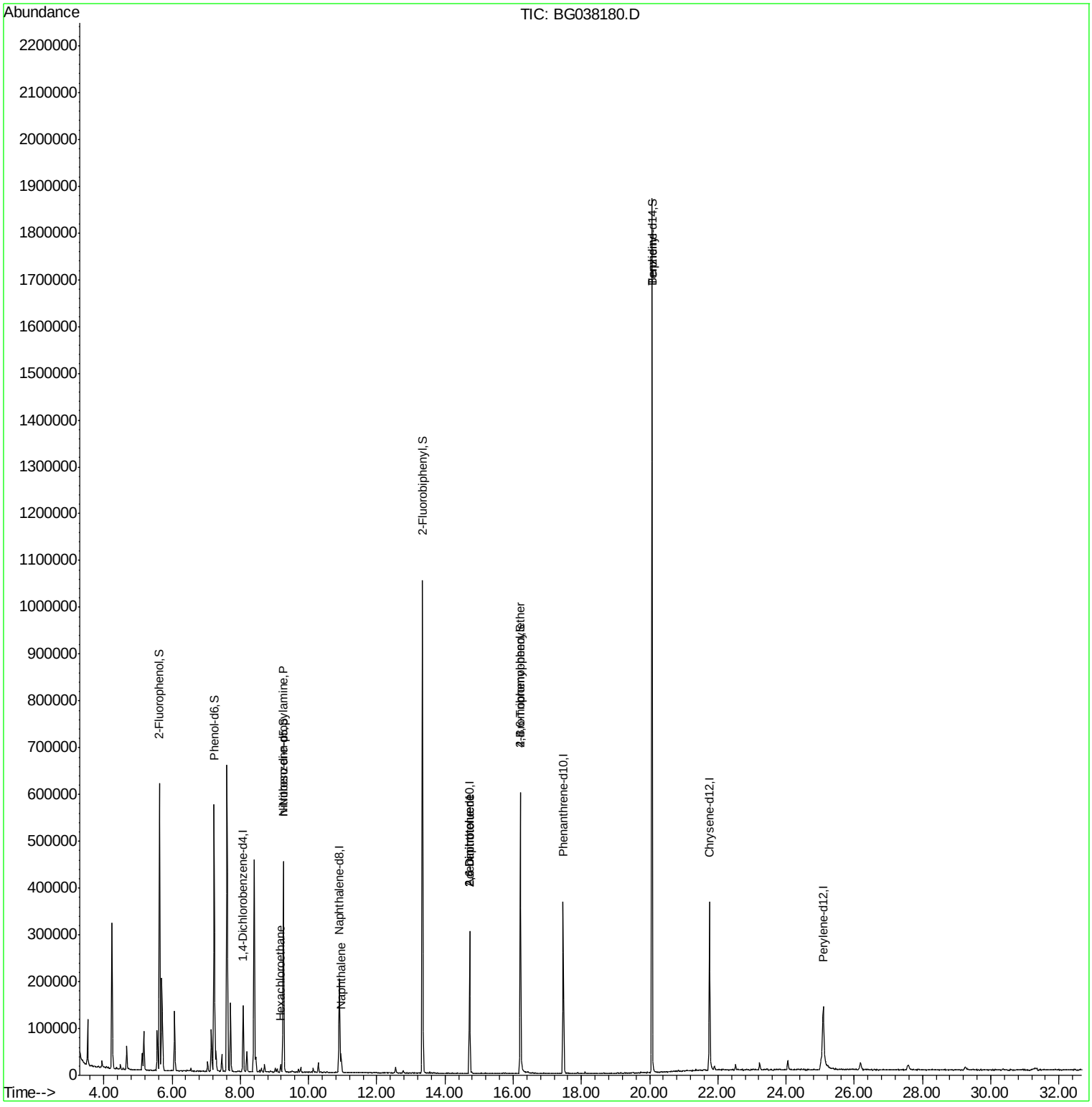
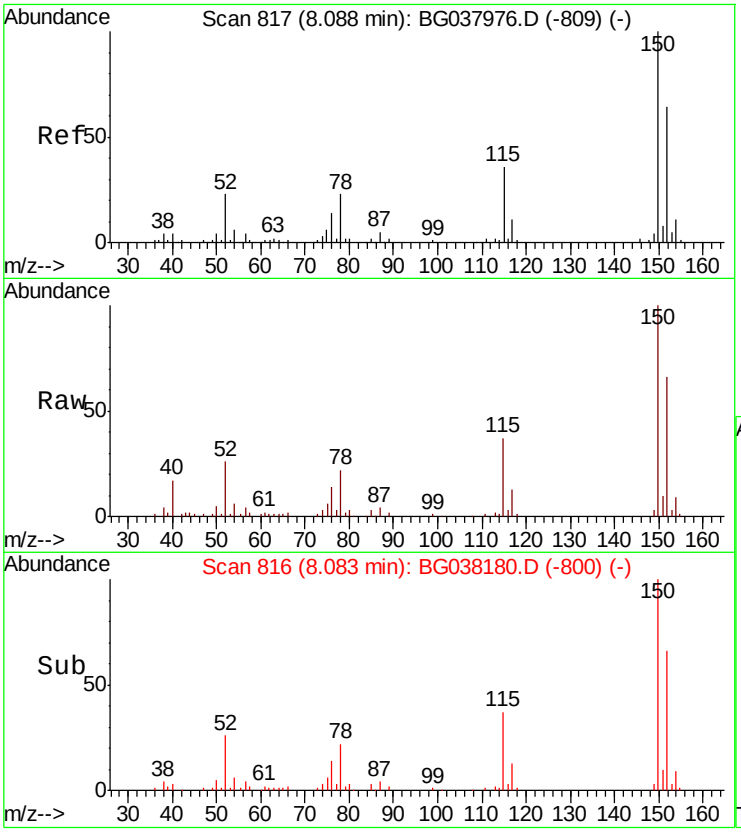


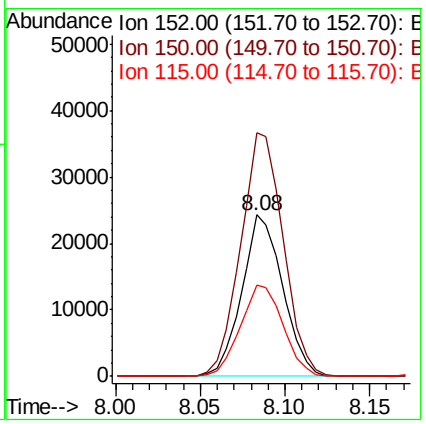


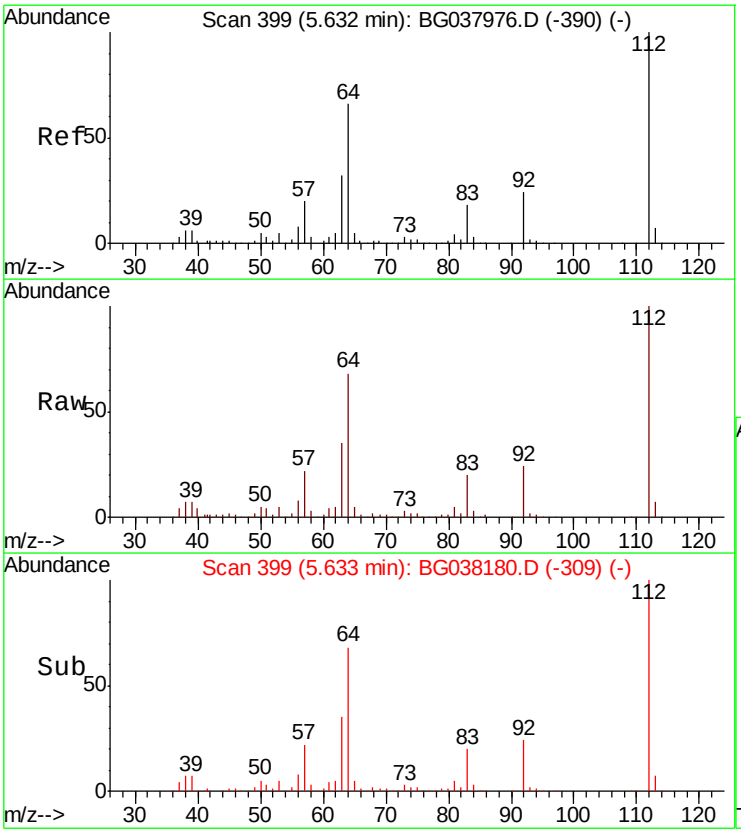
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:152 Resp: 40700

Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.0	189.0
115	56.2	45.5	68.3

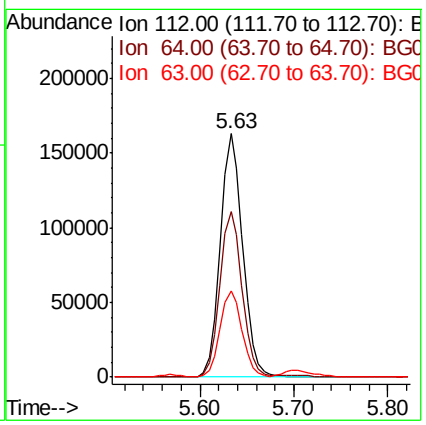


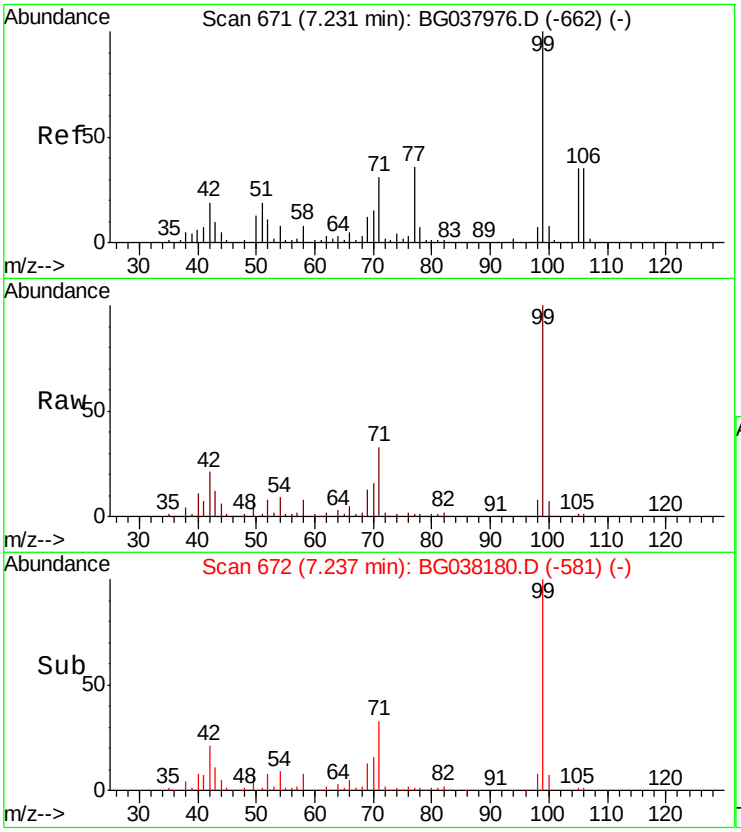


#5
2-Fluorophenol
Concen: 114.656 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:112 Resp: 270276

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	35.3	27.3	40.9



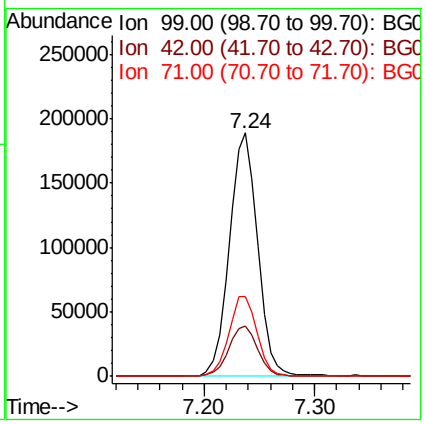


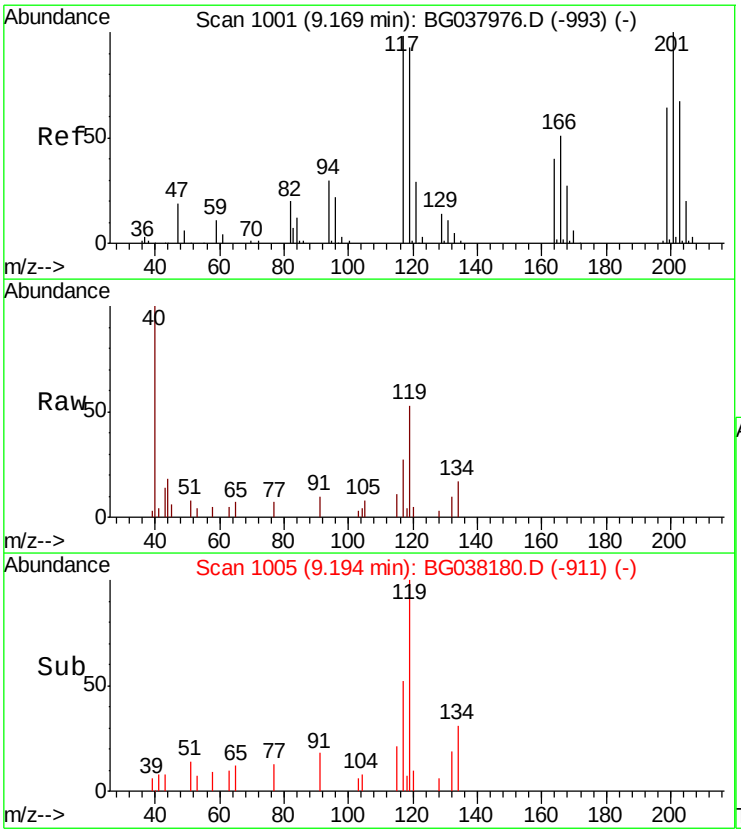
#7
Phenol-d6
Concen: 100.679 ng
RT: 7.24 min Scan# 672
Delta R.T. 0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion: 99 Resp: 338772

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.0	22.4
71	33.0	25.5	38.3

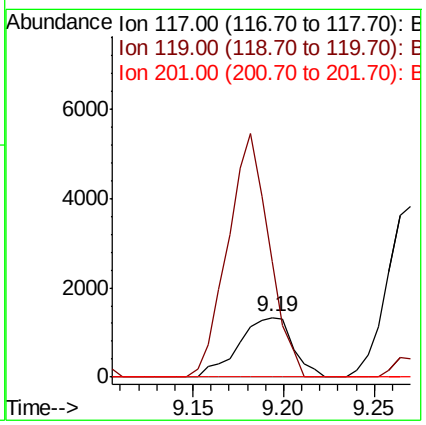


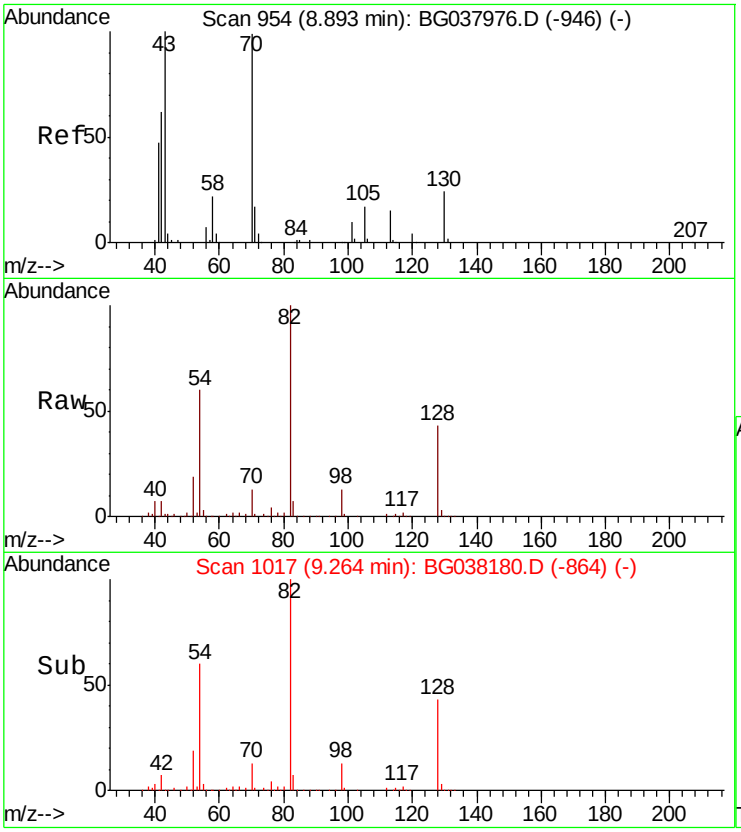


#18
Hexachloroethane
Concen: 2.384 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:117 Resp: 2762

Ion	Ratio	Lower	Upper
117	100		
119	193.7	74.6	111.8#
201	0.0	80.8	121.2#



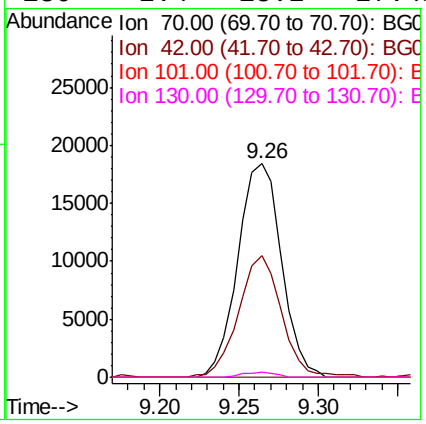


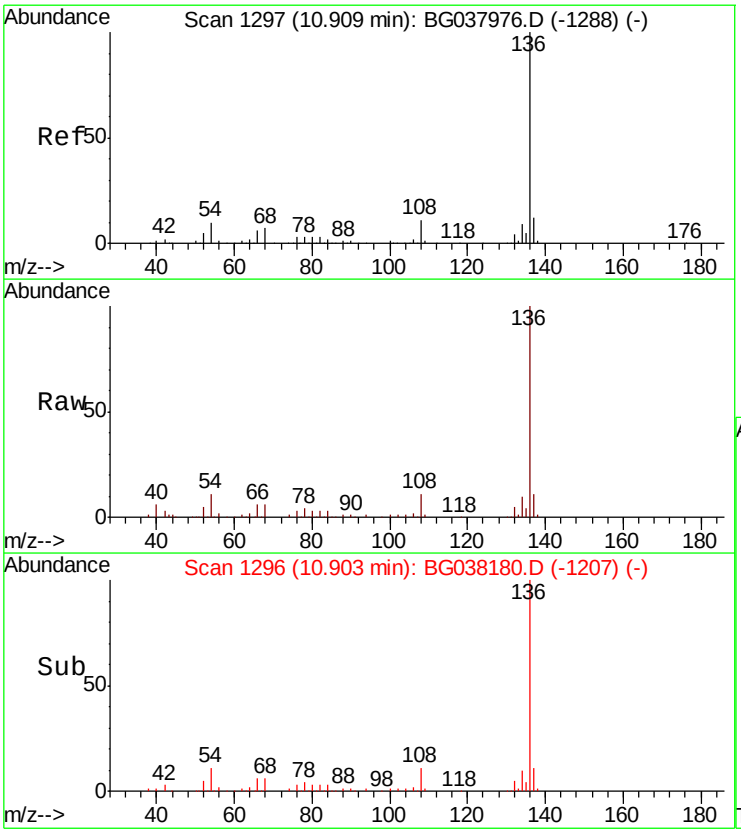
#19
n-Nitroso-di-n-propylamine
Concen: 14.459 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion: 70 Resp: 35205

Ion	Ratio	Lower	Upper
70	100		
42	57.0	53.9	80.9
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#

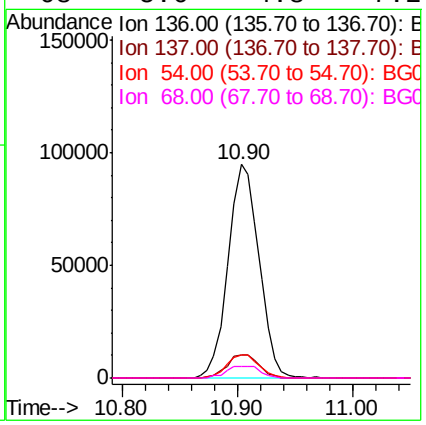


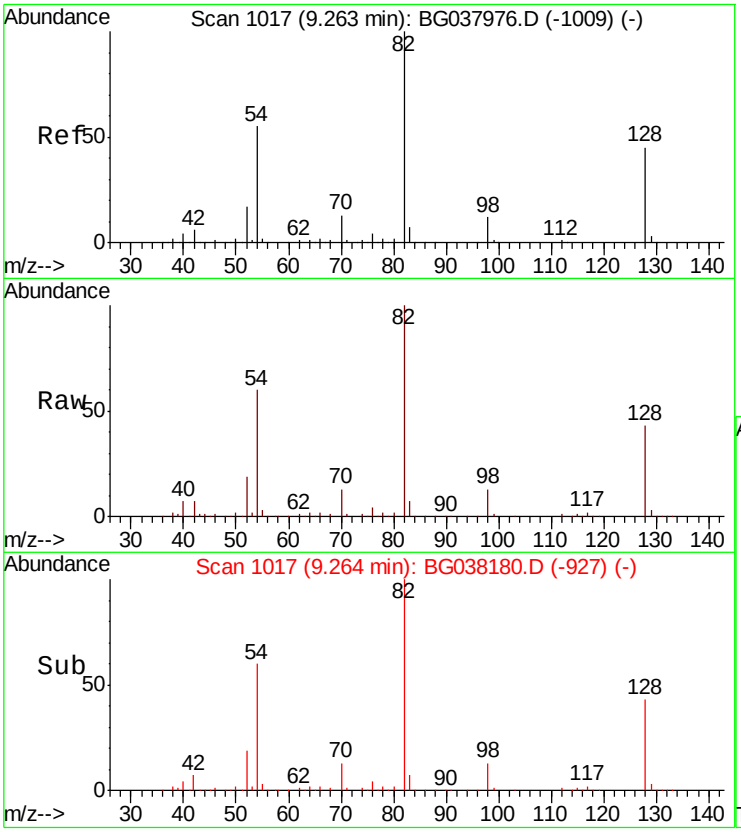


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:136 Resp: 175668

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.1	7.9	11.9
68	5.6	4.8	7.2



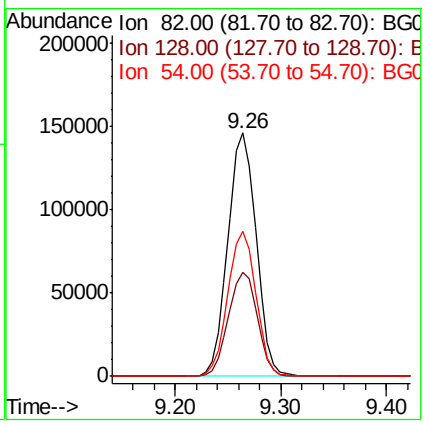


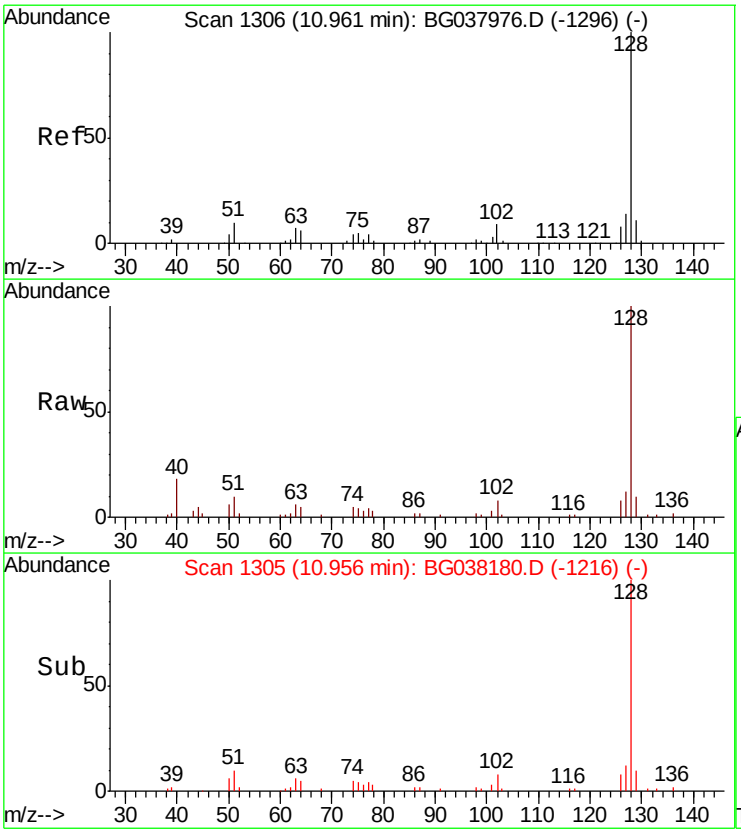
#23
Nitrobenzene-d5
Concen: 82.622 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion: 82 Resp: 271138

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	59.8	45.3	67.9

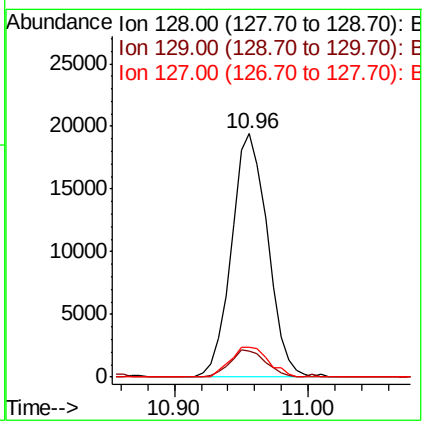


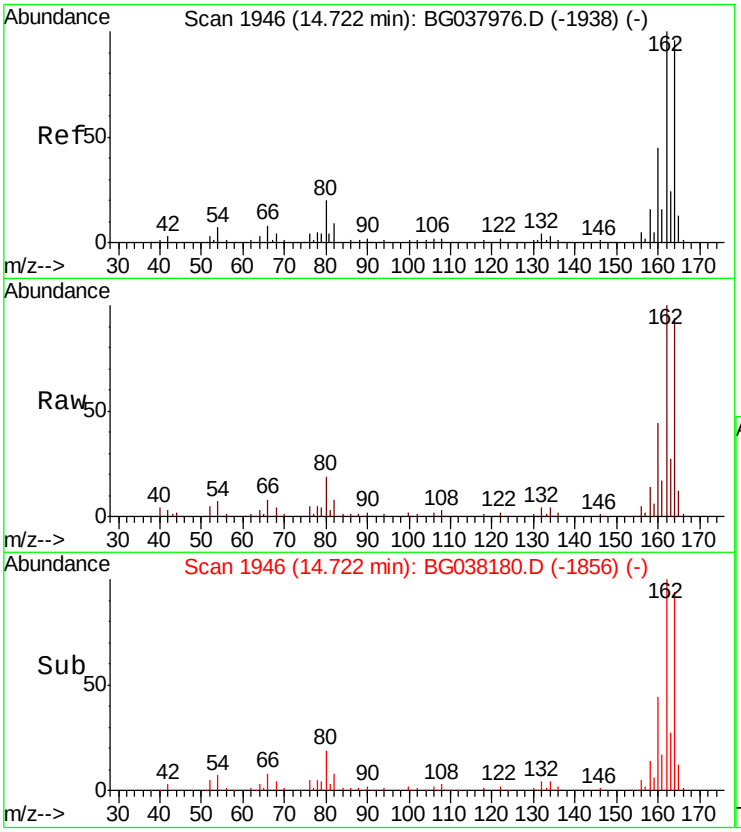


#31
Naphthalene
Concen: 4.207 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:128 Resp: 36346

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	12.2	11.1	16.7



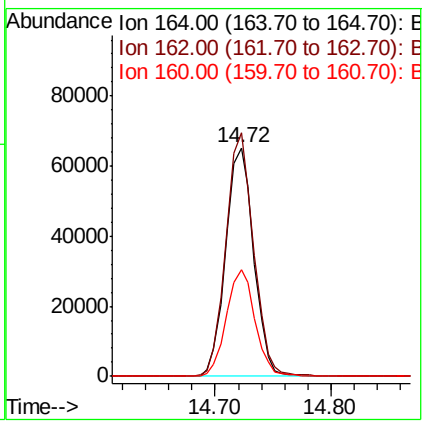


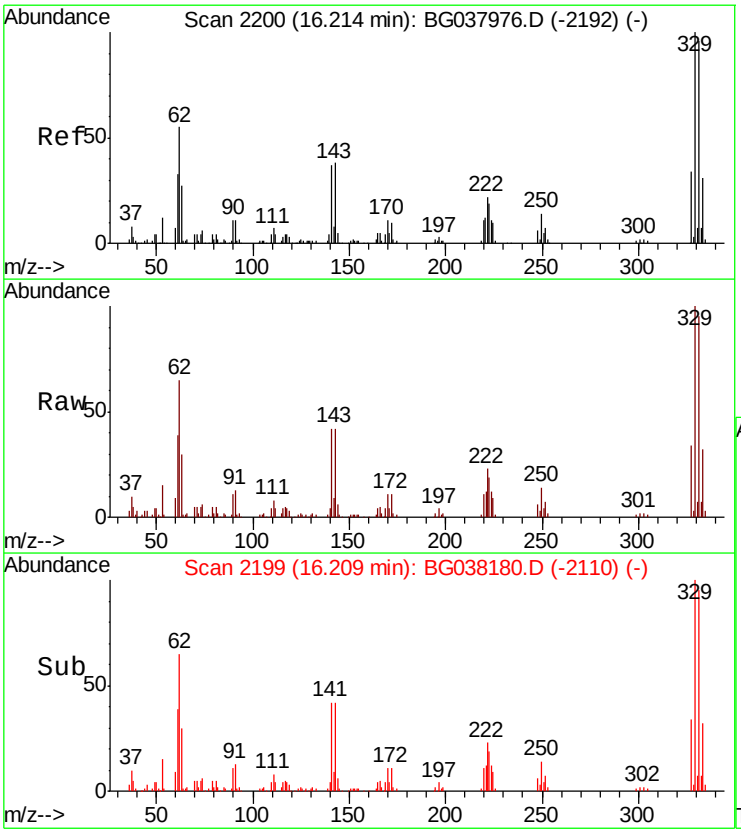
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:164 Resp: 109556

Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.3	121.9
160	46.9	36.3	54.5

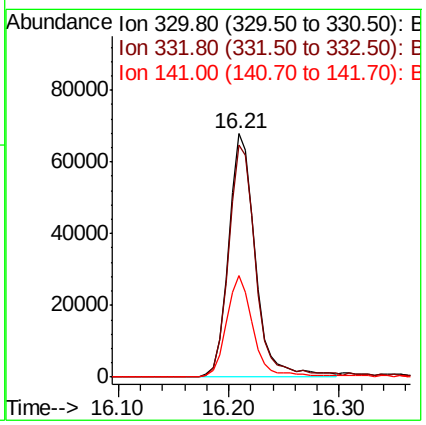


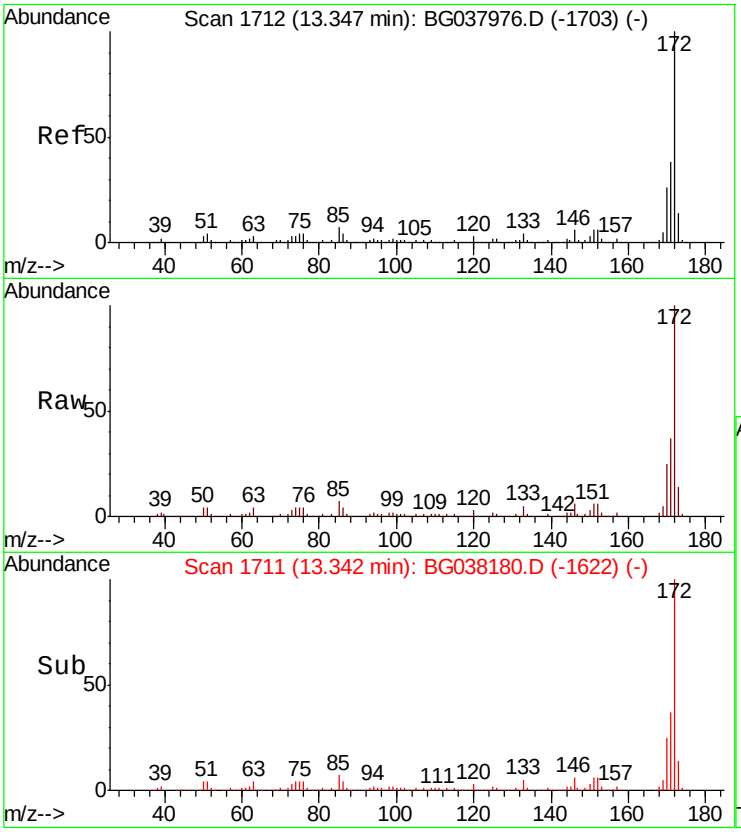


#42
2,4,6-Tribromophenol
Concen: 92.448 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:330 Resp: 115510

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	41.8	32.2	48.2



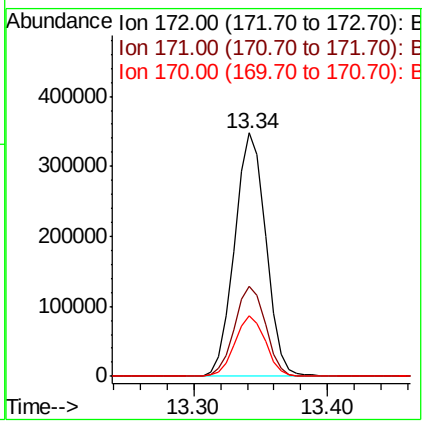


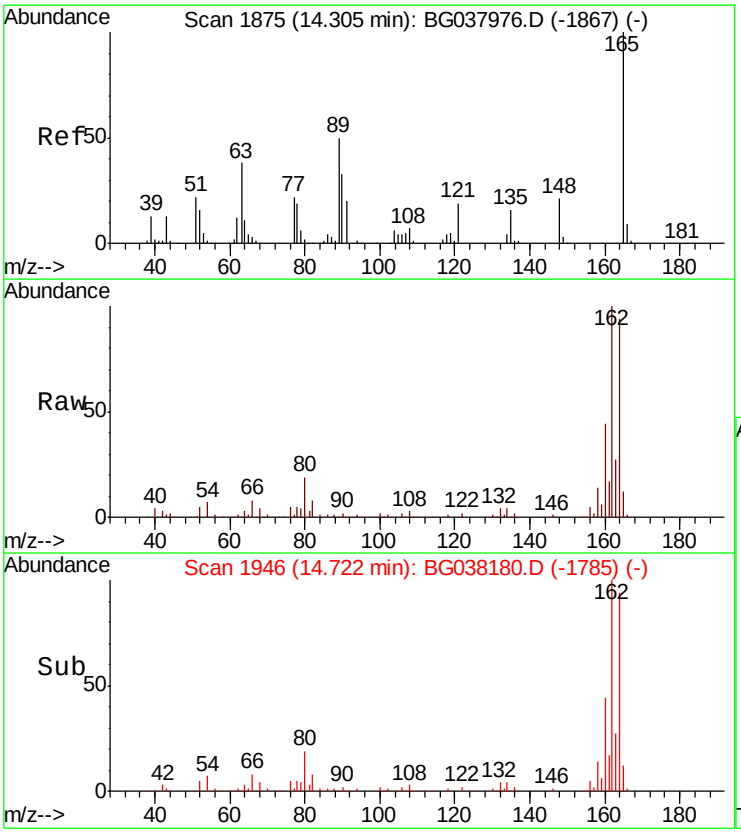
#45
2-Fluorobiphenyl
Concen: 74.997 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:172 Resp: 563981

Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	24.8	20.2	30.2

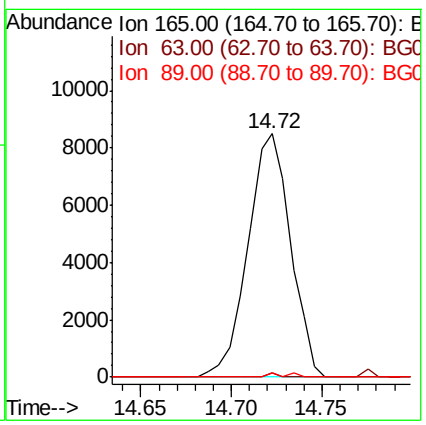


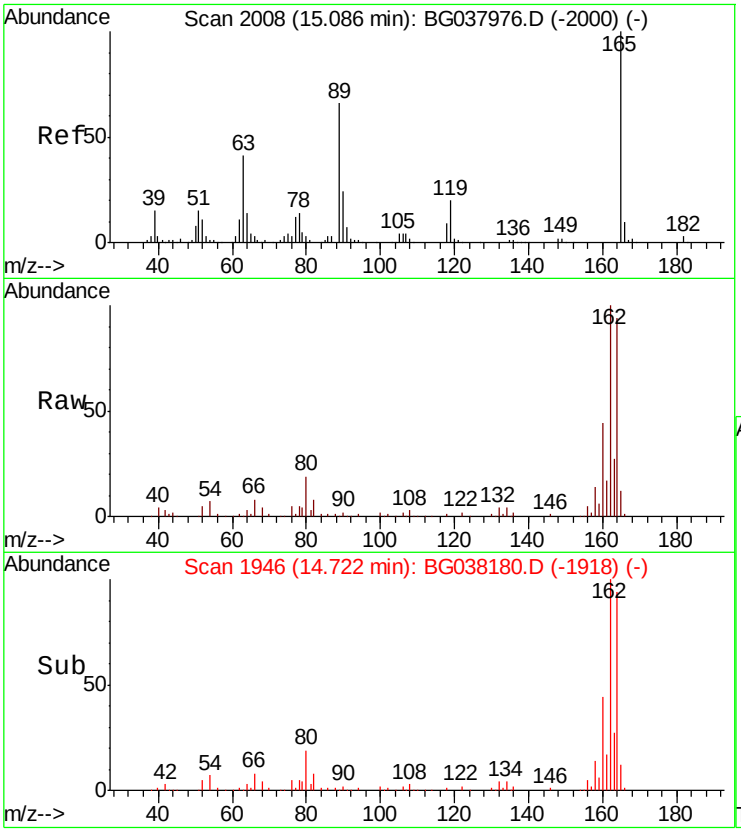


#51
2,6-Dinitrotoluene
Concen: 7.045 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:165 Resp: 13848

Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.9	45.8	68.6#



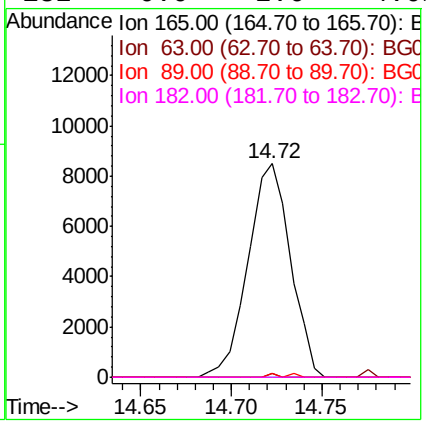


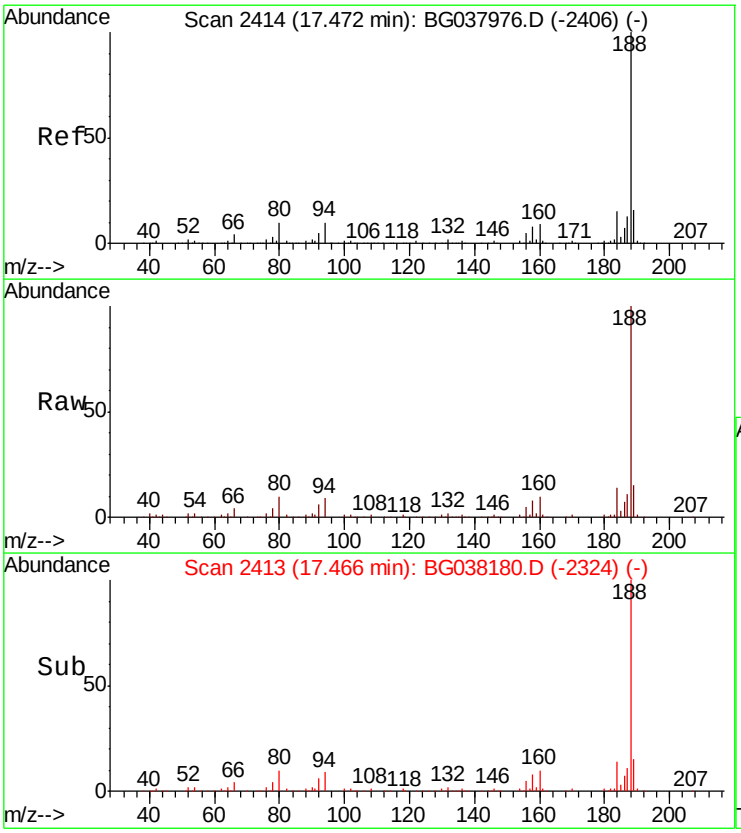
#57
2,4-Dinitrotoluene
Concen: 5.178 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:165 Resp: 13848

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#

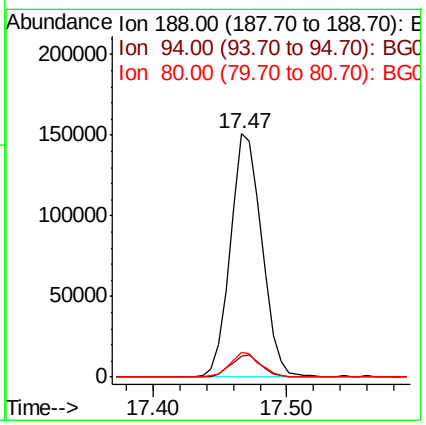


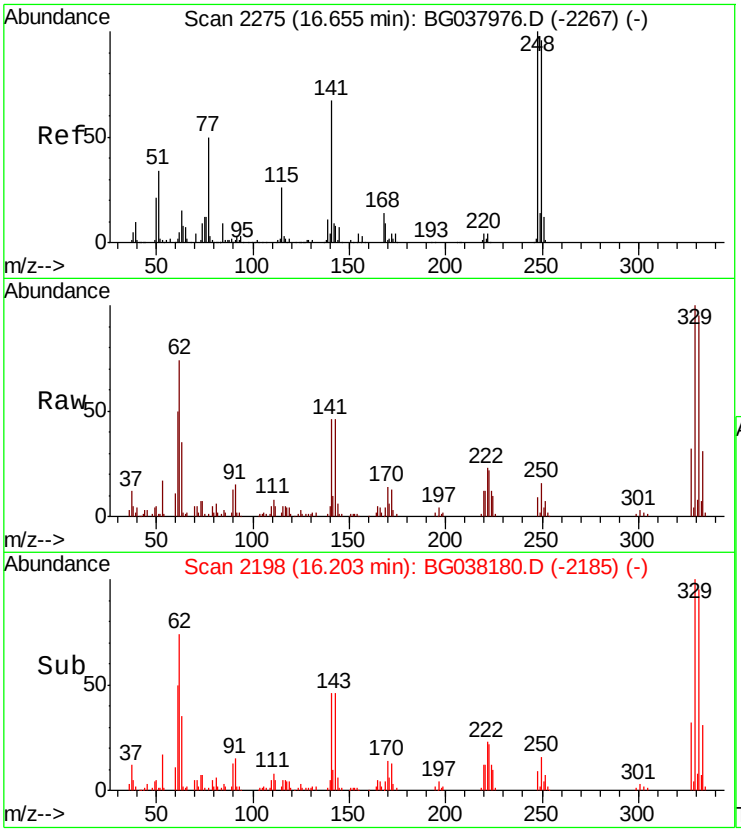


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:188 Resp: 247674

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.1	7.7	11.5



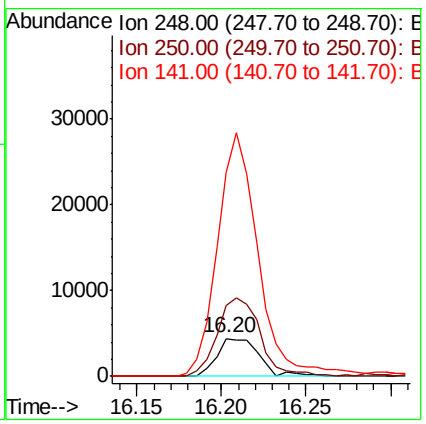


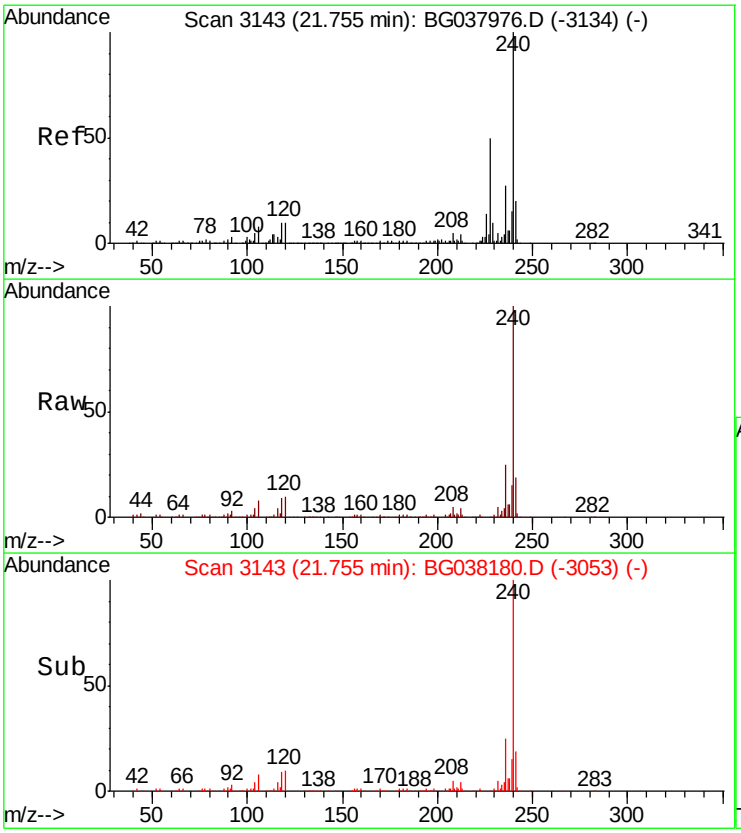
#67
4-Bromophenyl-phenylether
Concen: 2.842 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:248 Resp: 7726

Ion	Ratio	Lower	Upper
248	100		
250	180.6	77.0	115.6#
141	418.7	55.5	83.3#

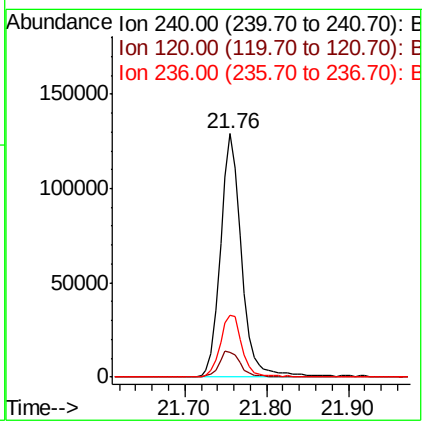


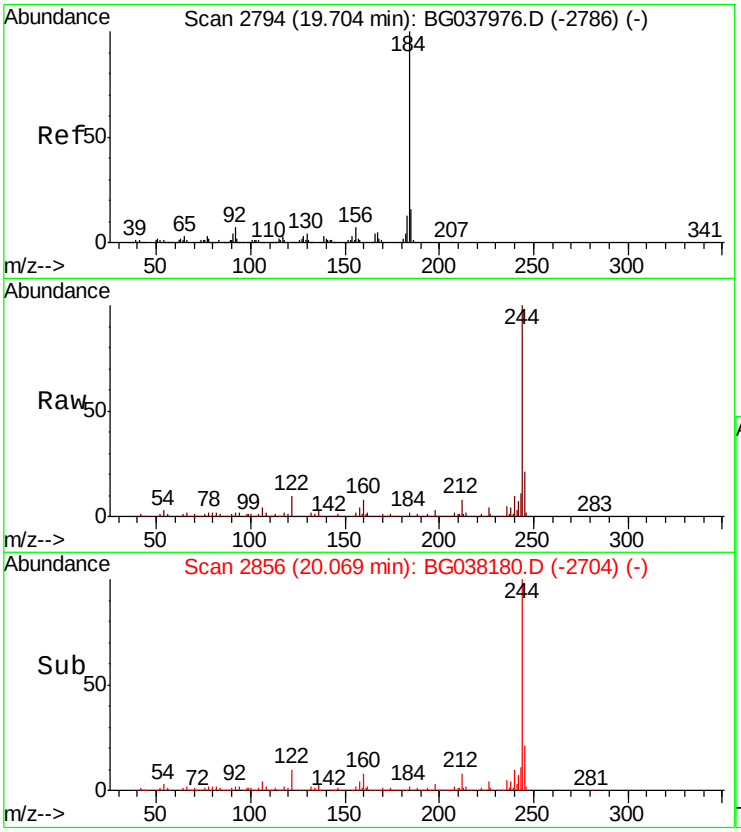


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:240 Resp: 230354

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.2	21.4	32.0



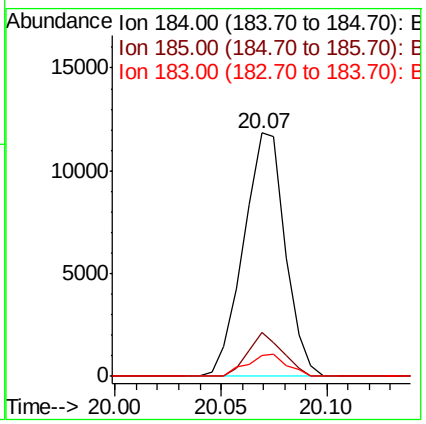


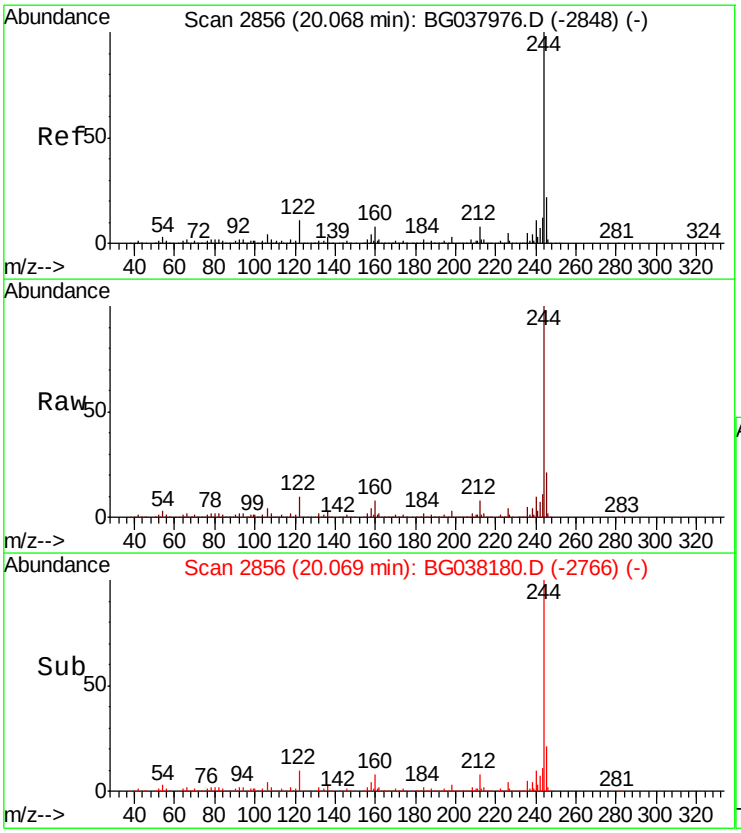
#77
Benzidine
Concen: 2.007 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:184 Resp: 16225

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	18.8
183	8.7	10.2	15.2#

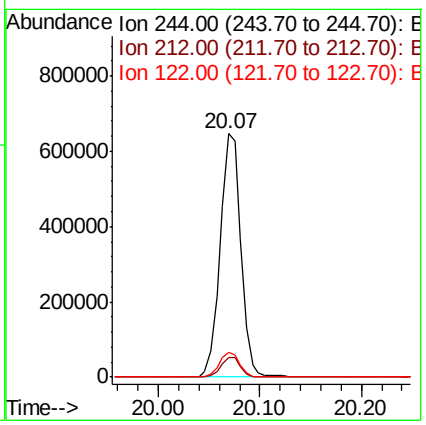


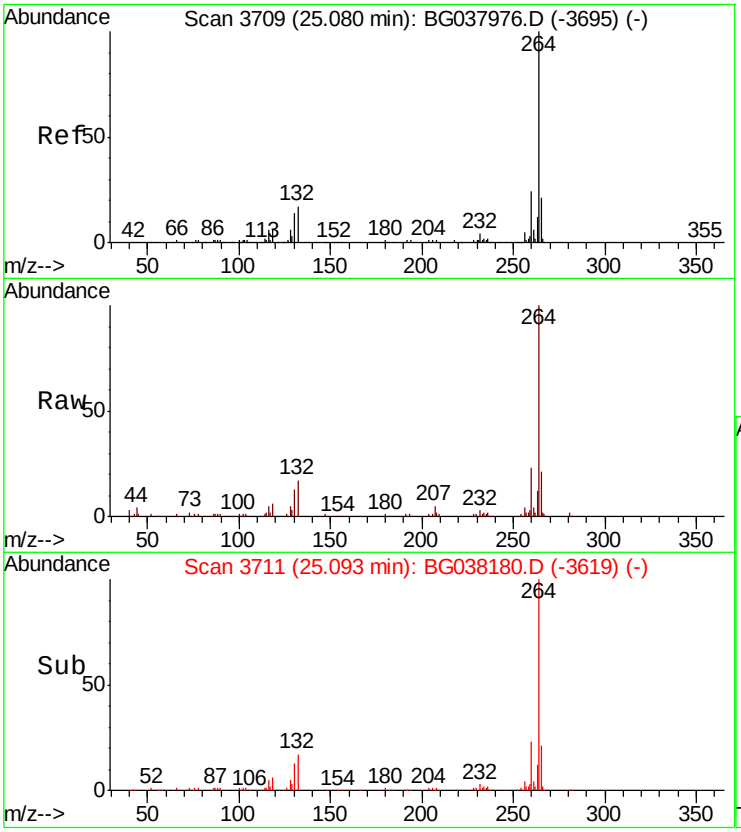


#79
Terphenyl-d14
Concen: 93.627 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion:244 Resp: 916587

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion:264 Resp: 205464

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.7	17.9	26.9