Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BOTTOM-C

Quant Time: Nov 15 03:11:13 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	44862	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	196464	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	128216	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	299136	20.00	ng		0.00
76) Chrysene-d12	21.75	240	279584	20.00	ng		0.00
87) Perylene-d12	25.06	264	284907	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	434479	167.21	ng		0.00
7) Phenol-d6	7.23	99	630832	170.08	ng		0.00
23) Nitrobenzene-d5	9.26	82	377644	102.90	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	223162	152.61	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	807654	91.77	ng		0.00
79) Terphenyl-d14	20.07	244	1123277	94.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	30383	7.734	ng		95
19) n-Nitroso-di-n-propylamine	9.26	70	48097	17.922	ng	#	75
31) Naphthalene	10.95	128	151428	15.671	ng		98
33) 4-Chloroaniline	10.95	127	21081	4.690	ng	#	37
37) 2-Methylnaphthalene	12.55	142	47465	6.838	ng		96
38) 1-Methylnaphthalene	12.55	142	47465	7.104	ng		100
50) Dimethylphthalate	14.16	163	169774	16.702	ng		98
57) 2,4-Dinitrotoluene	14.72	165	17204	5.496	ng	#	26
67) 4-Bromophenyl-phenylether	16.21	248	15922	4.849	ng	#	1

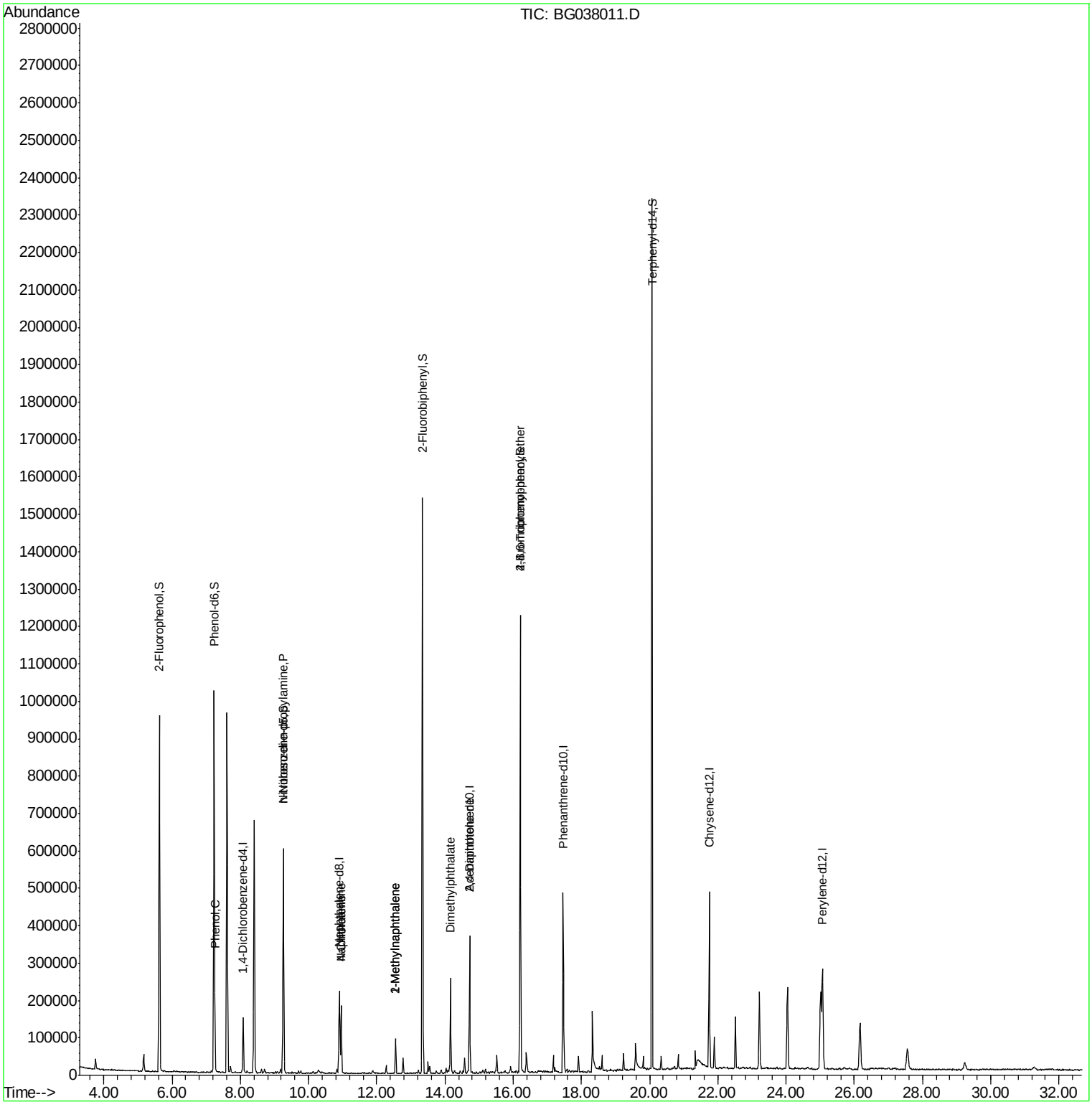
(#) = qualifier out of range (m) = manual integration (+) = signals summed

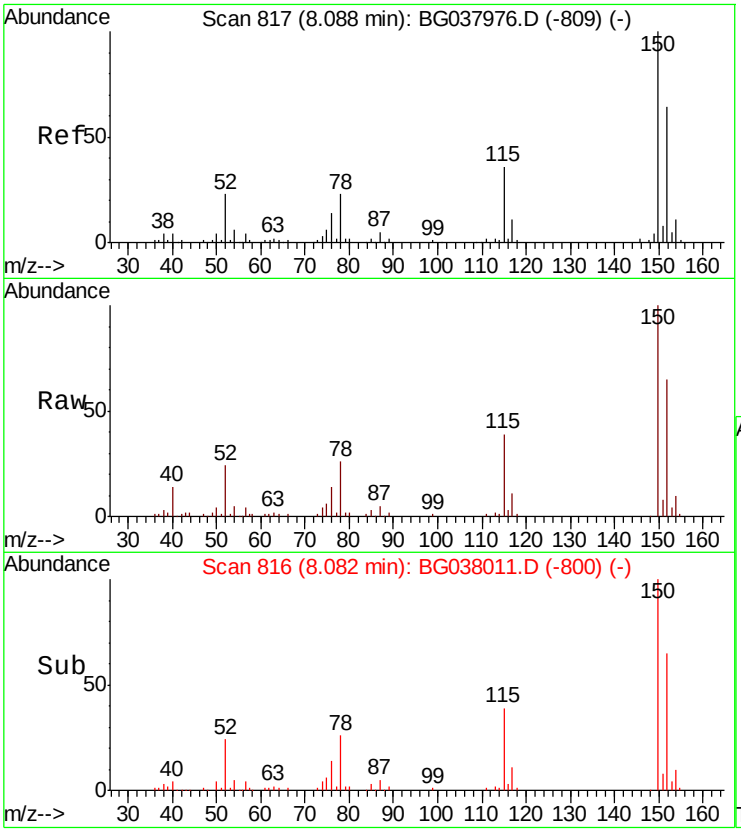
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Quant Time: Nov 15 03:11:13 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



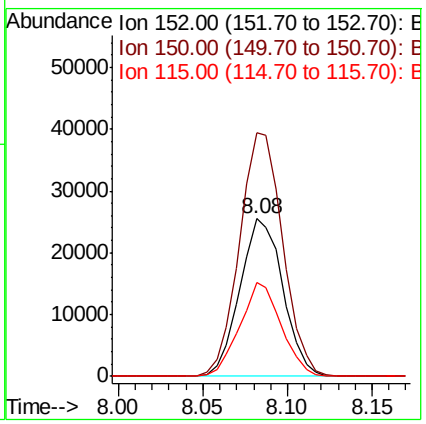


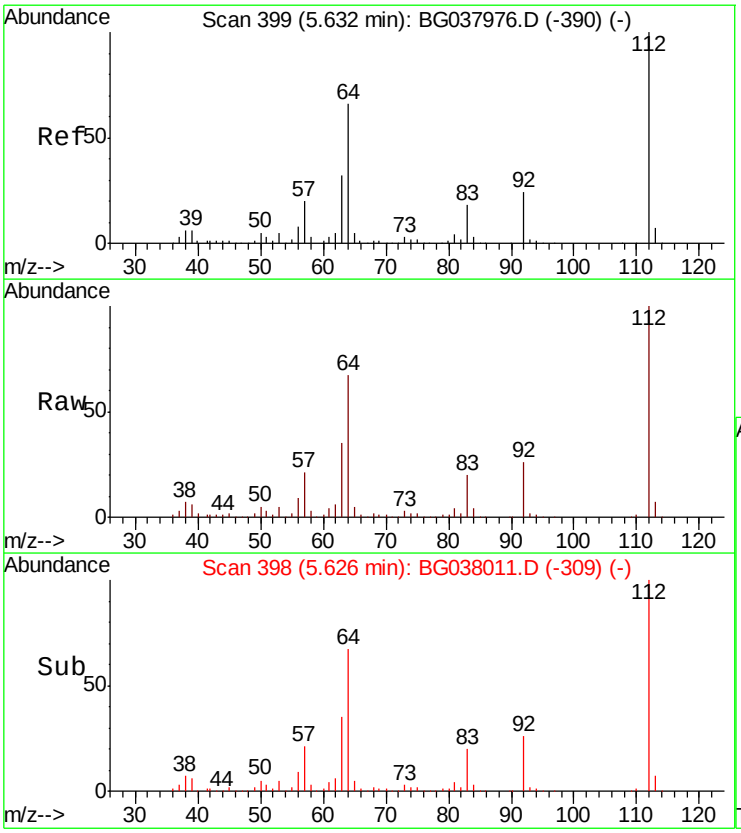
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:152 Resp: 44862

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	59.7	45.5	68.3

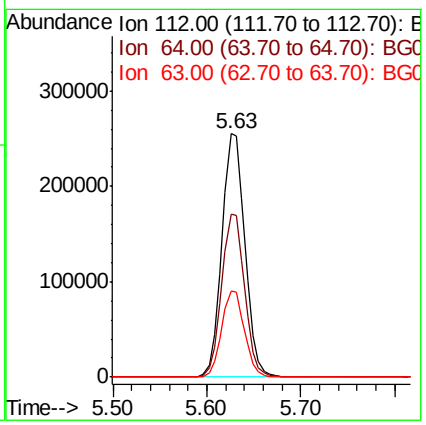


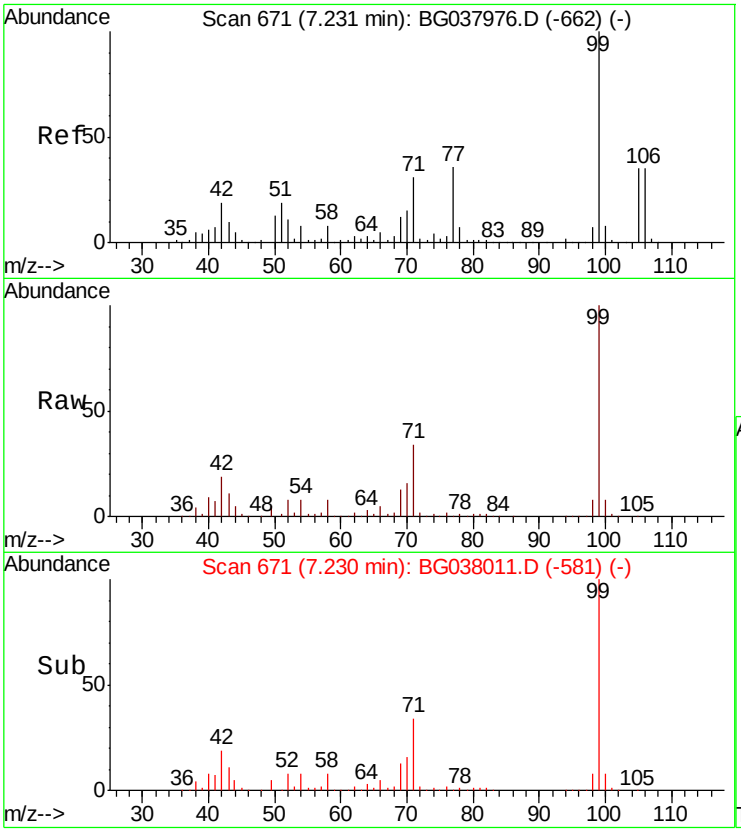


#5
2-Fluorophenol
Concen: 167.214 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:112 Resp: 434479

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	35.4	27.3	40.9



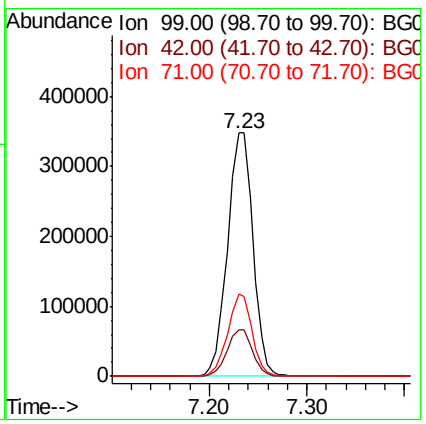


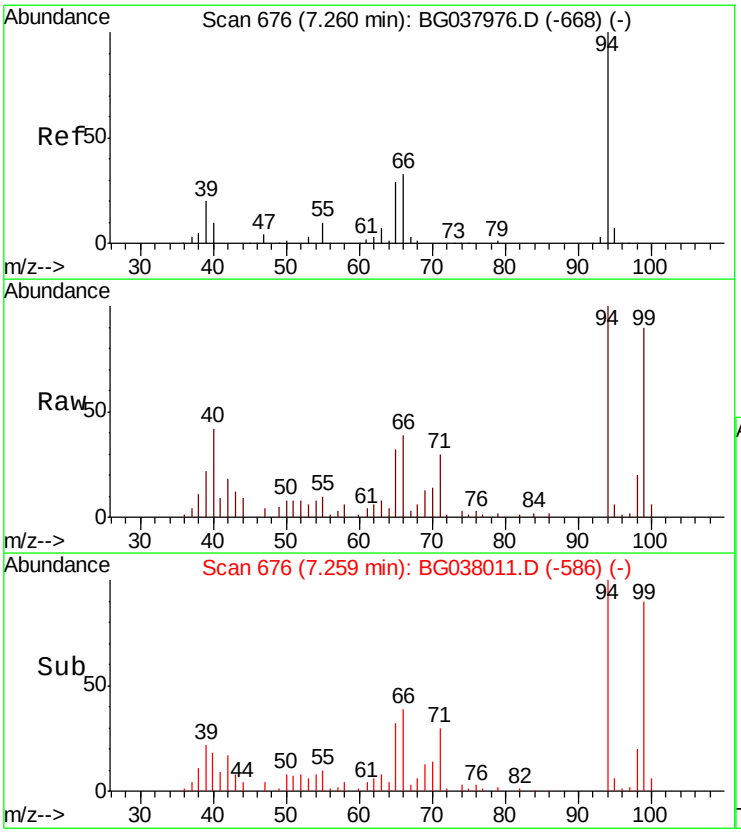
#7
Phenol-d6
Concen: 170.083 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion: 99 Resp: 630832

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	33.8	25.5	38.3

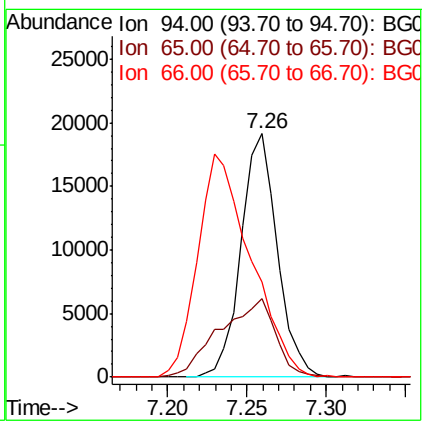


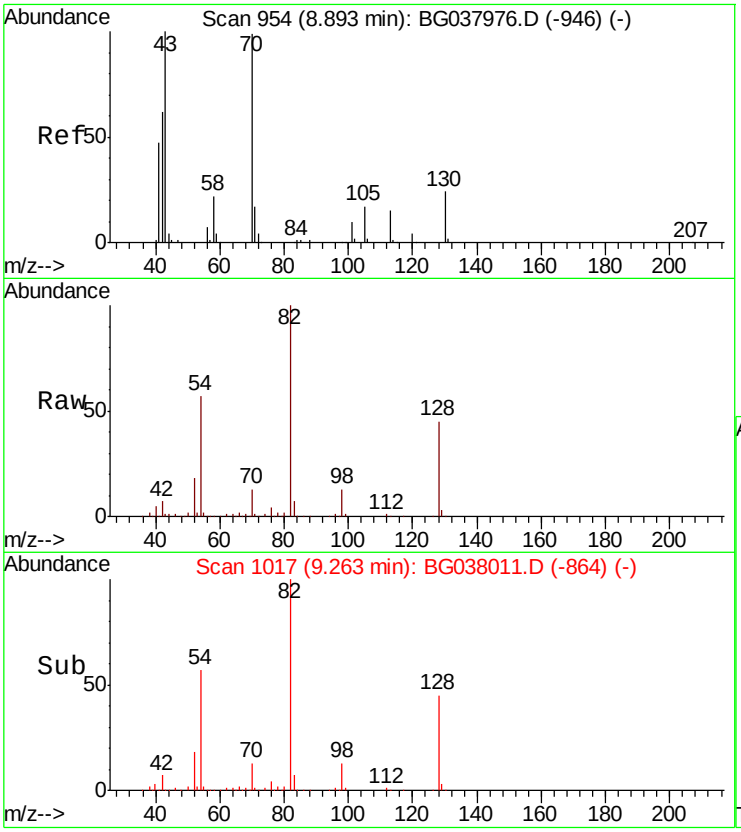


#10
Phenol
Concen: 7.734 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion: 94 Resp: 30383

Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.7	49.7
66	39.0	15.9	55.9



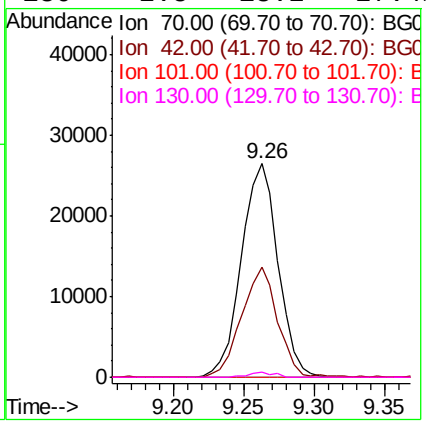


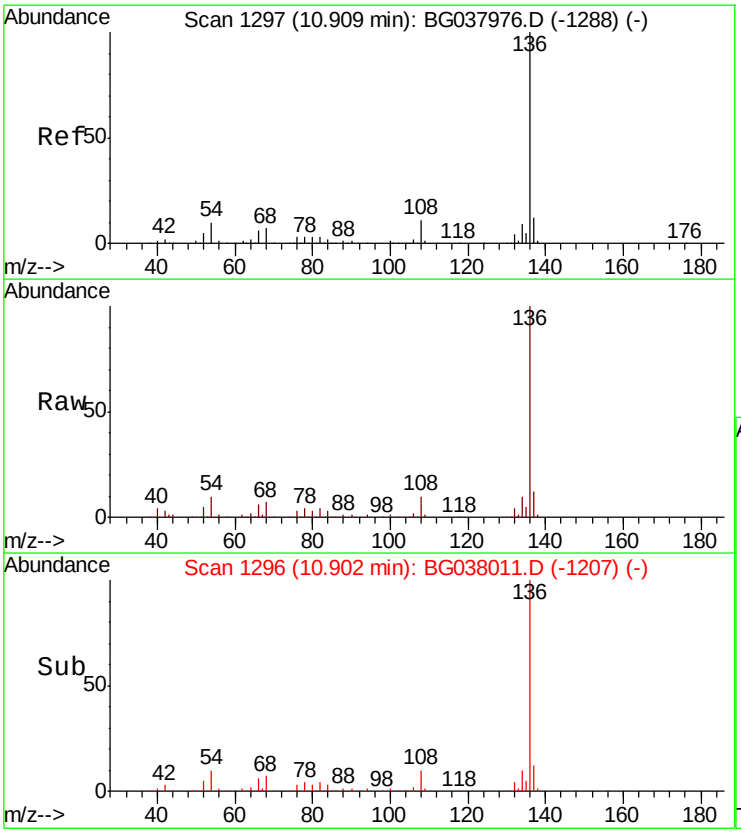
#19
n-Nitroso-di-n-propylamine
Concen: 17.922 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion: 70 Resp: 48097

Ion	Ratio	Lower	Upper
70	100		
42	51.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.5	18.2	27.4#

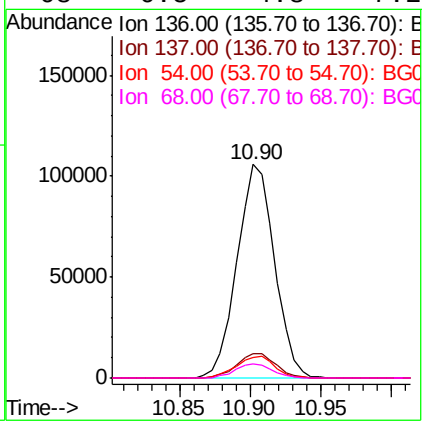


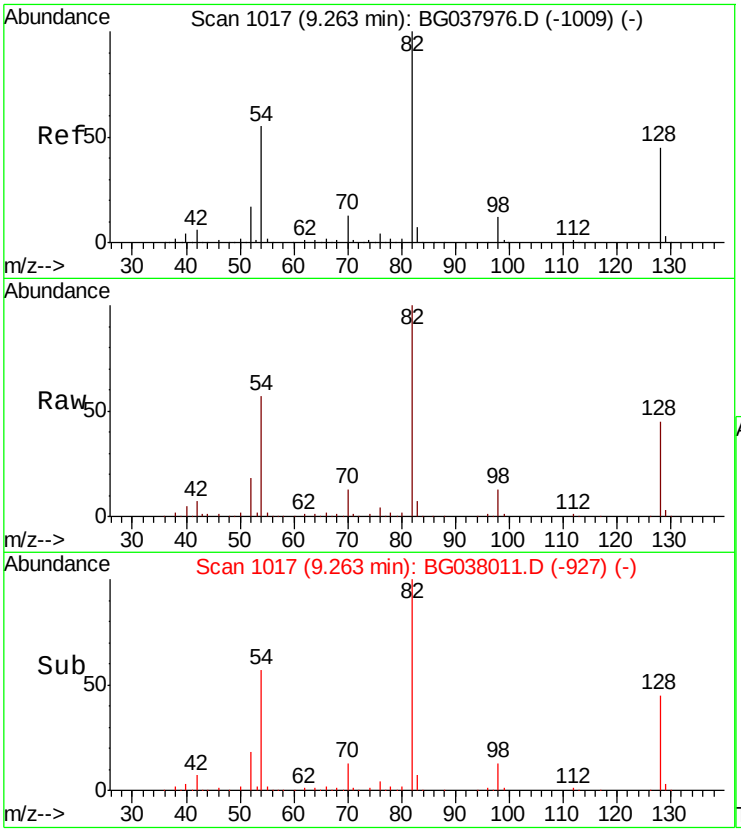


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:136 Resp: 196464

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.6	7.9	11.9
68	6.5	4.8	7.2



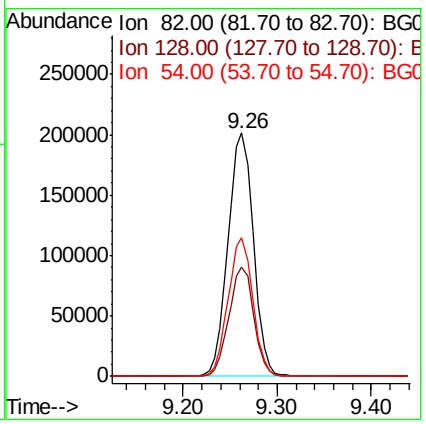


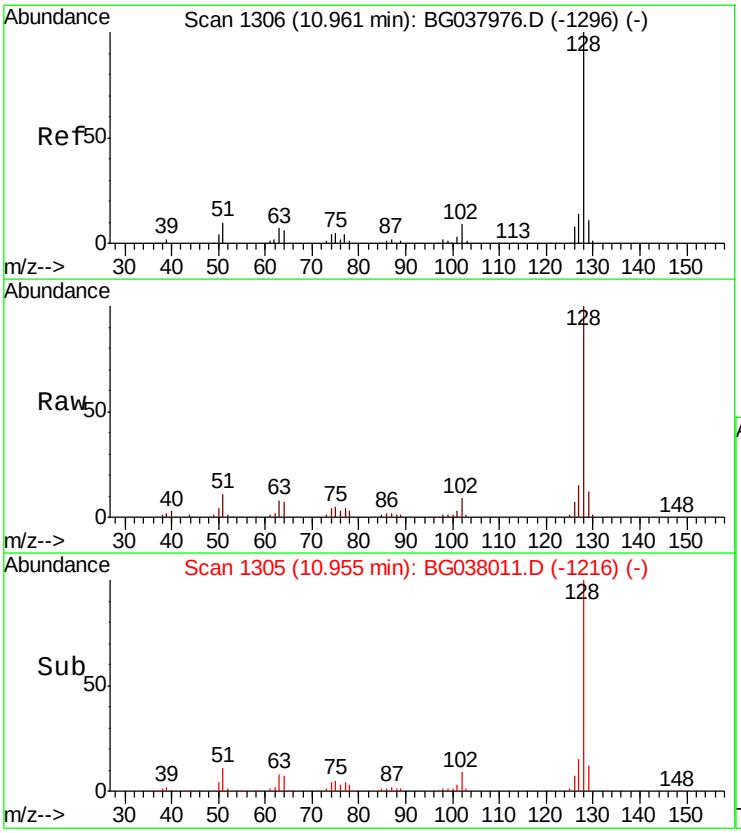
#23
Nitrobenzene-d5
Concen: 102.896 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion: 82 Resp: 377644

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	56.8	45.3	67.9

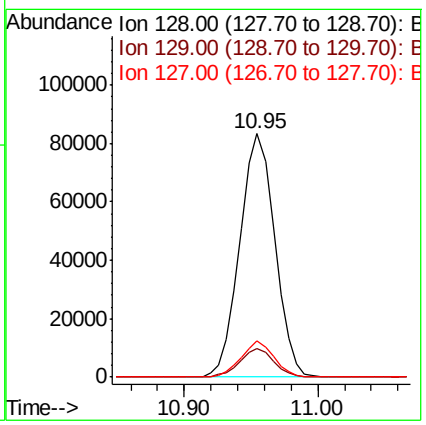


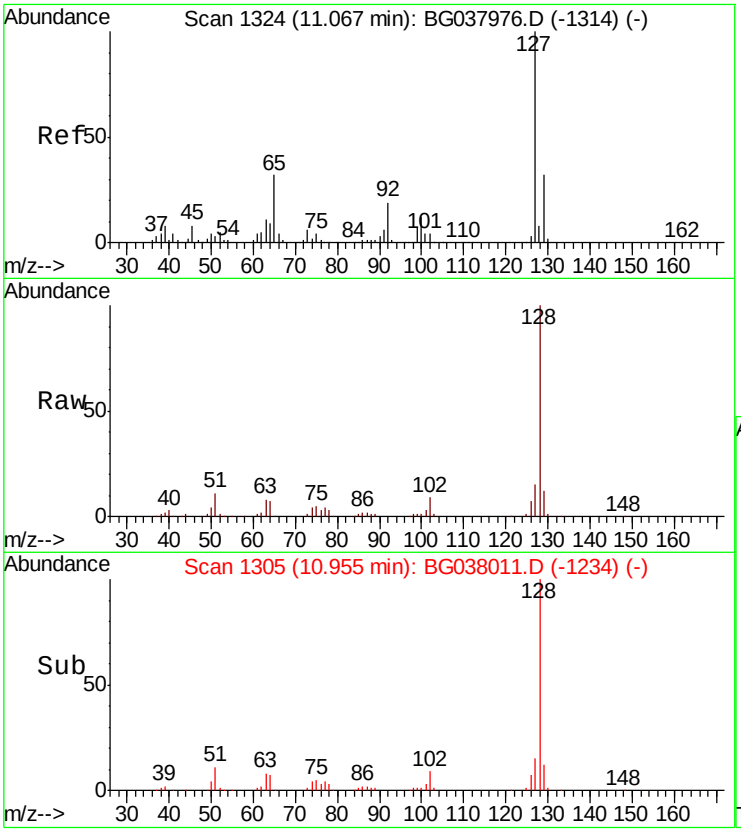


#31
Naphthalene
Concen: 15.671 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:128 Resp: 151428

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.8	11.1	16.7



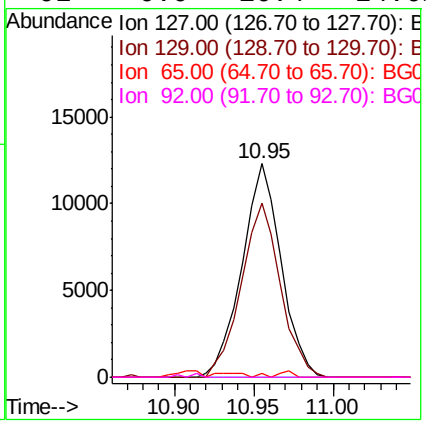


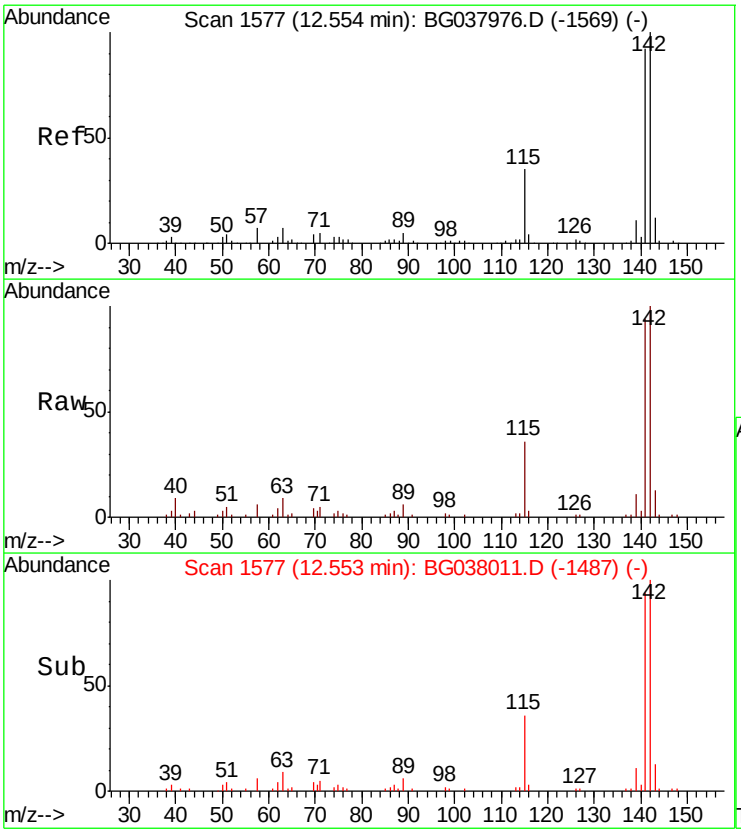
#33
4-Chloroaniline
Concen: 4.690 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.11 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:127 Resp: 21081

Ion	Ratio	Lower	Upper
127	100		
129	81.3	27.1	40.7#
65	1.7	26.6	39.8#
92	0.0	16.4	24.6#

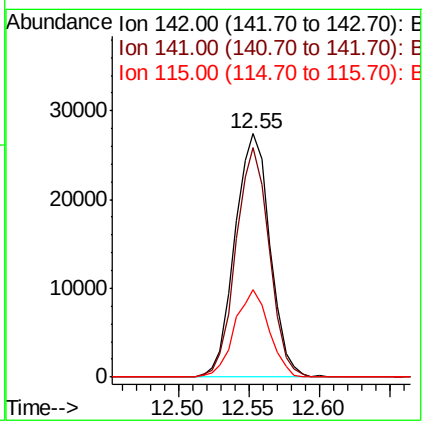


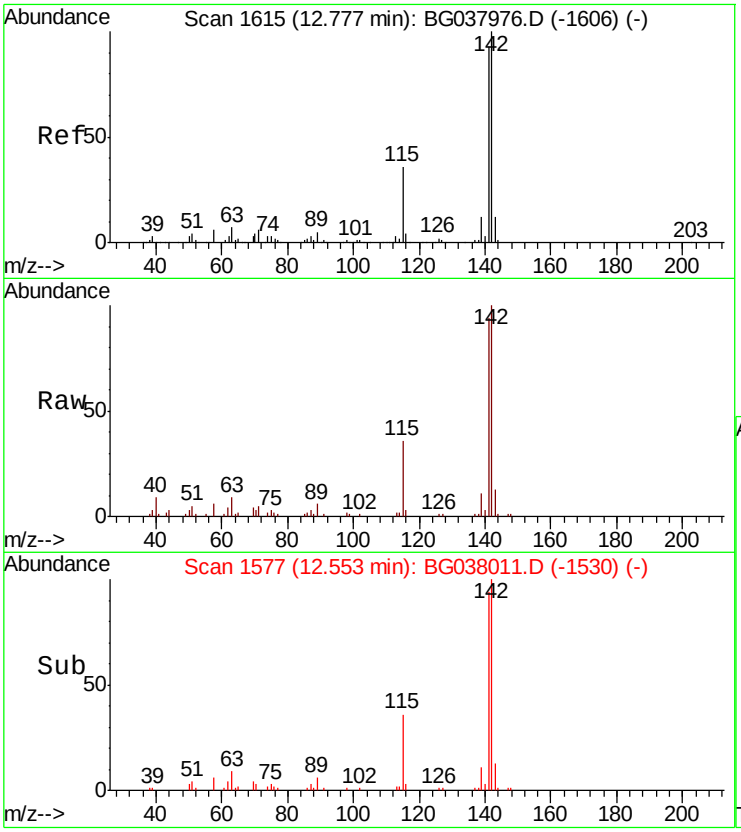


#37
2-Methylnaphthalene
Concen: 6.838 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:142 Resp: 47465

Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.9	107.9
115	36.2	27.8	41.8



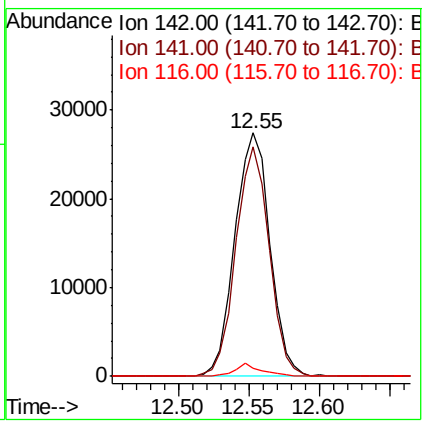


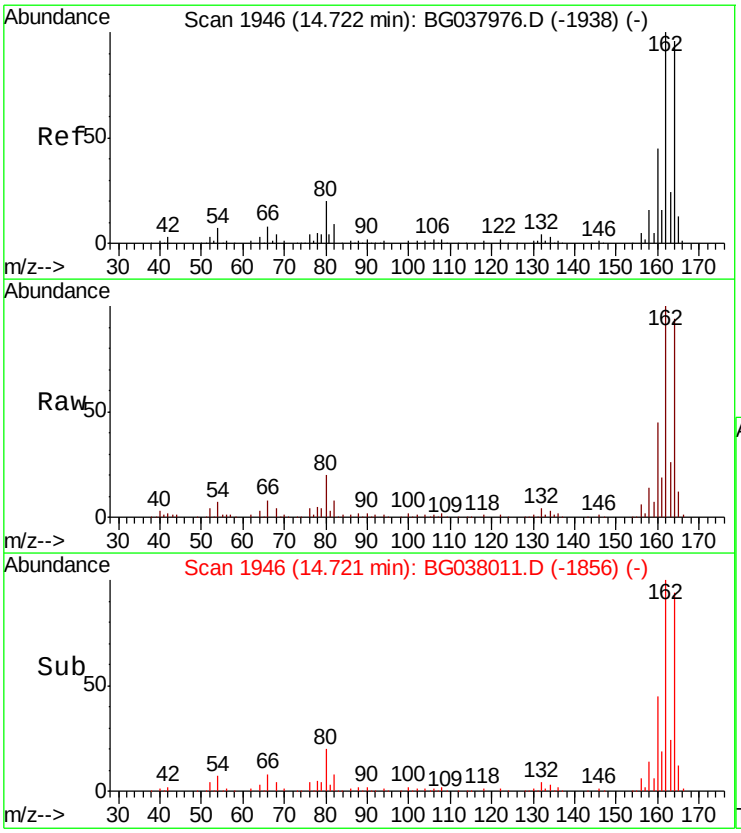
#38
1-Methylnaphthalene
Concen: 7.104 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.22 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:142 Resp: 47465

Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8
116	3.3	3.3	4.9

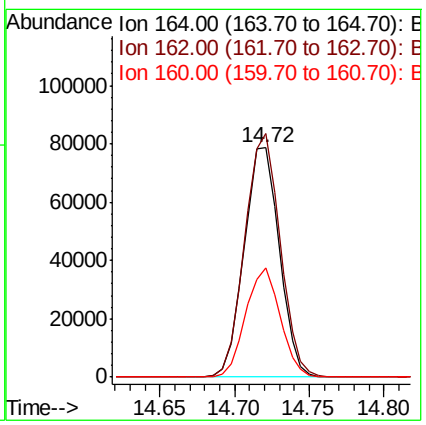


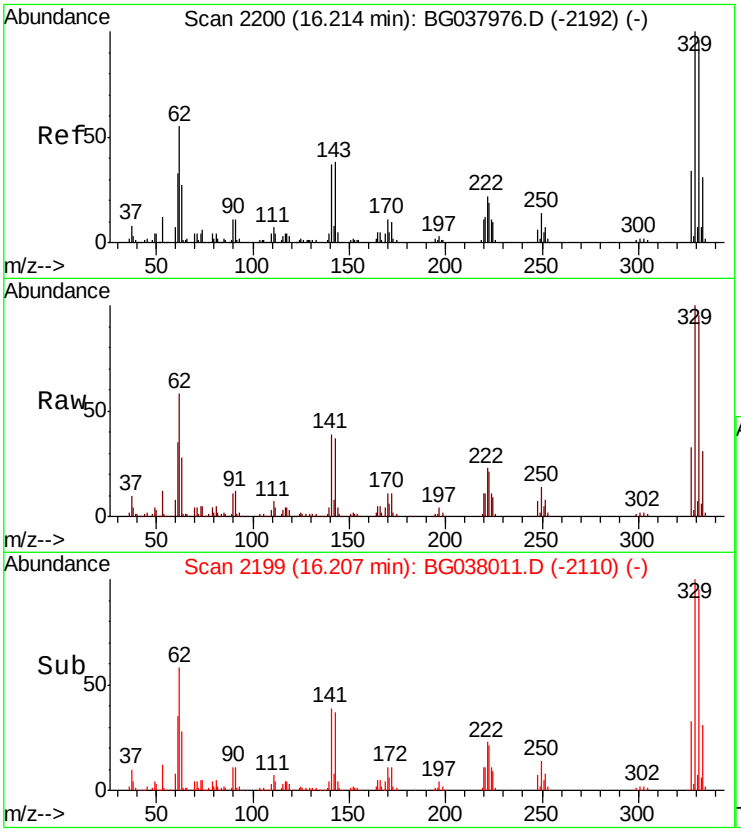


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:164 Resp: 128216

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.3	121.9
160	47.6	36.3	54.5



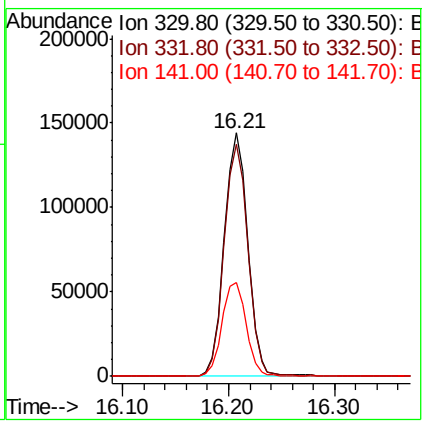


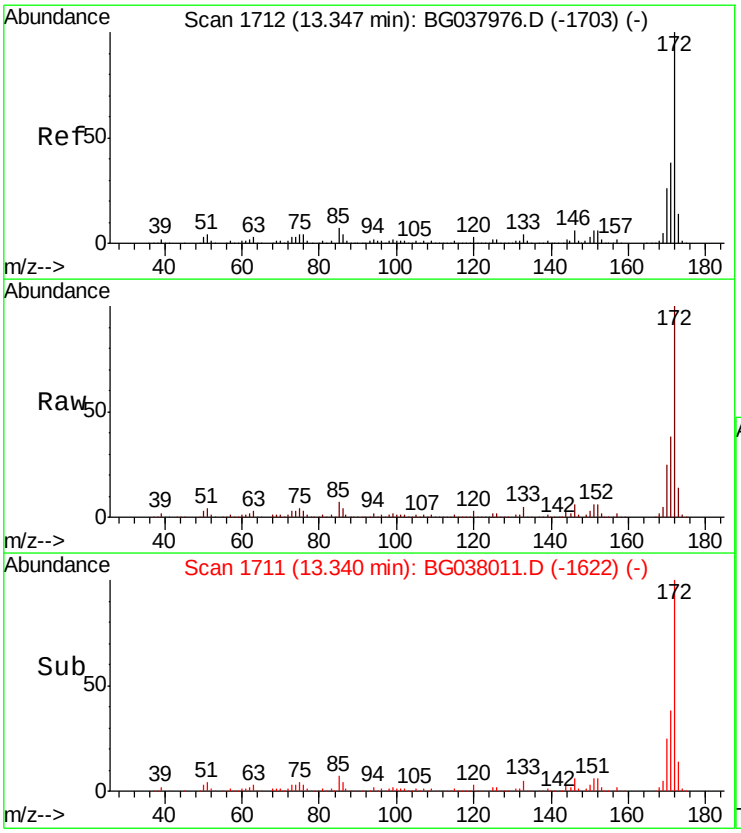
#42
2,4,6-Tribromophenol
Concen: 152.613 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:330 Resp: 223162

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	39.6	32.2	48.2

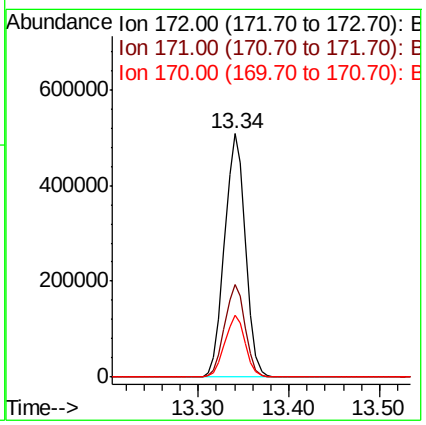


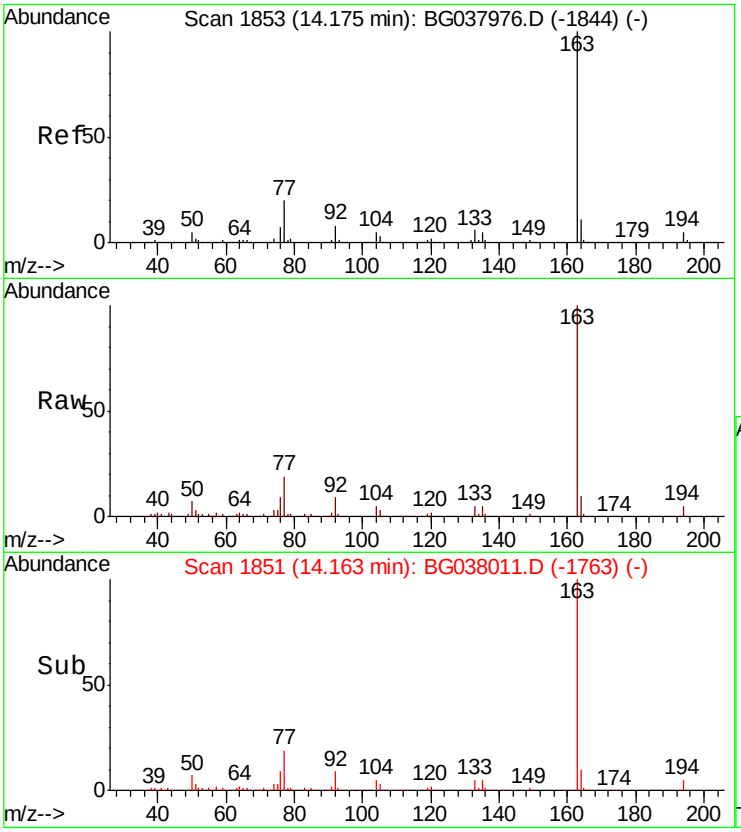


#45
2-Fluorobiphenyl
Concen: 91.769 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:172 Resp: 807654

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.2	30.2



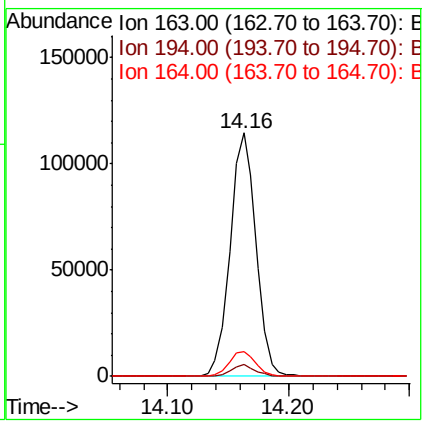


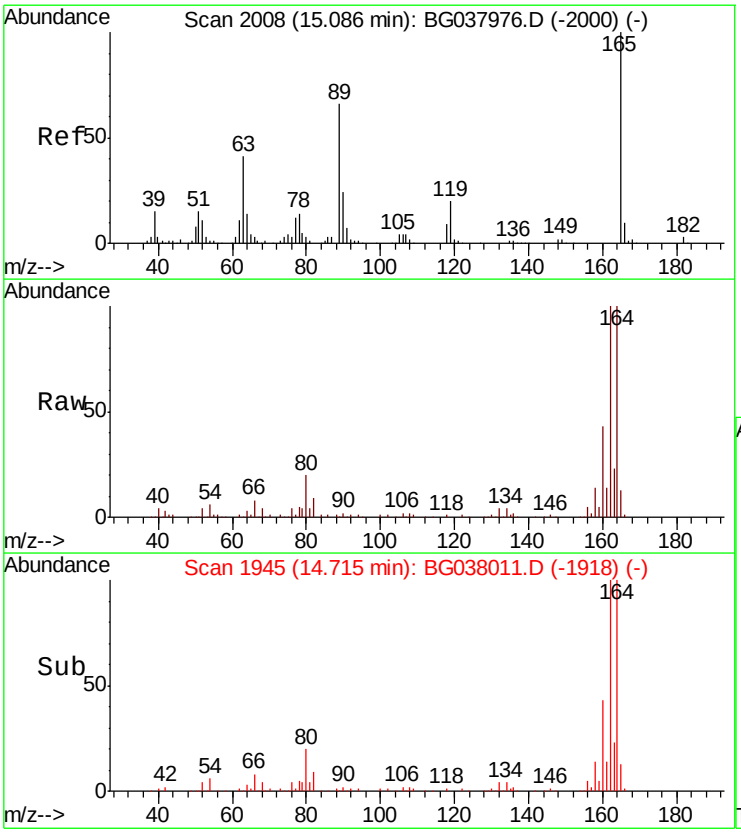
#50
Dimethylphthalate
Concen: 16.702 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:163 Resp: 169774

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.0	8.5	12.7

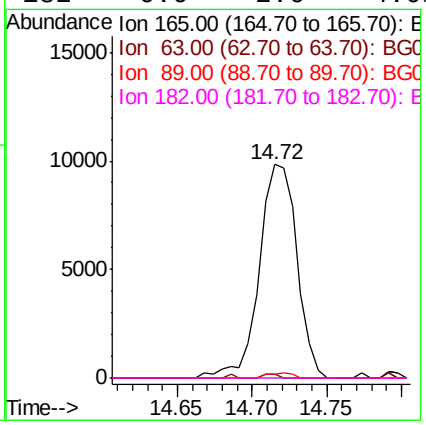


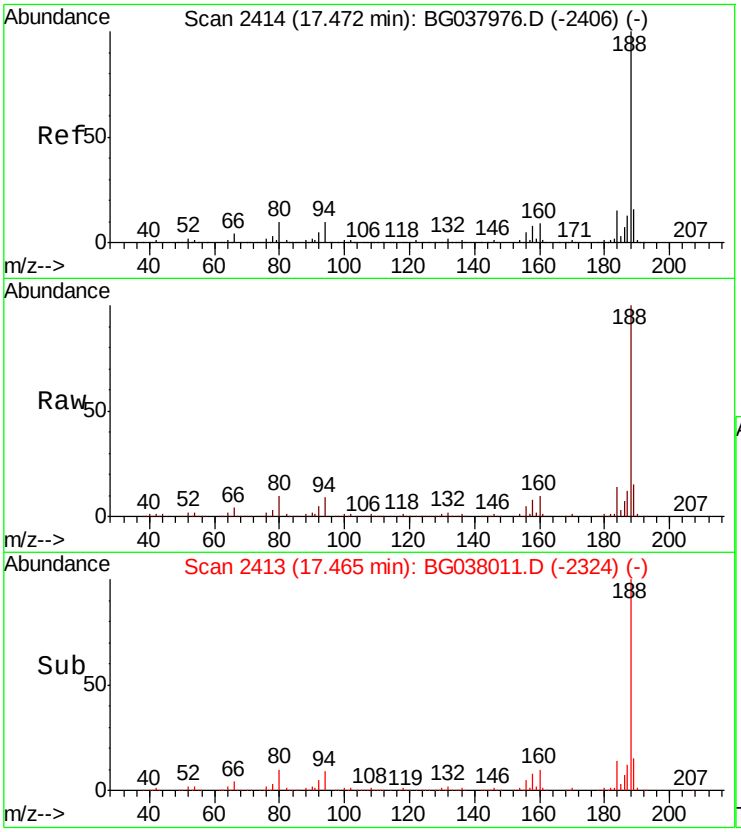


#57
2,4-Dinitrotoluene
Concen: 5.496 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:165 Resp: 17204

Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



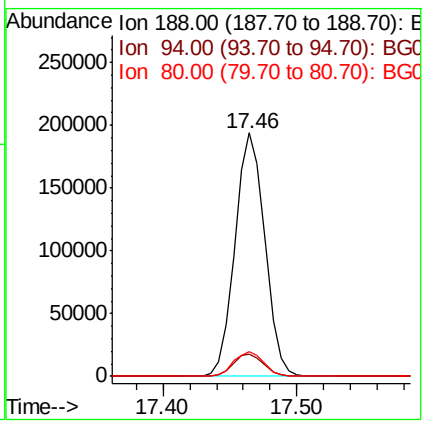


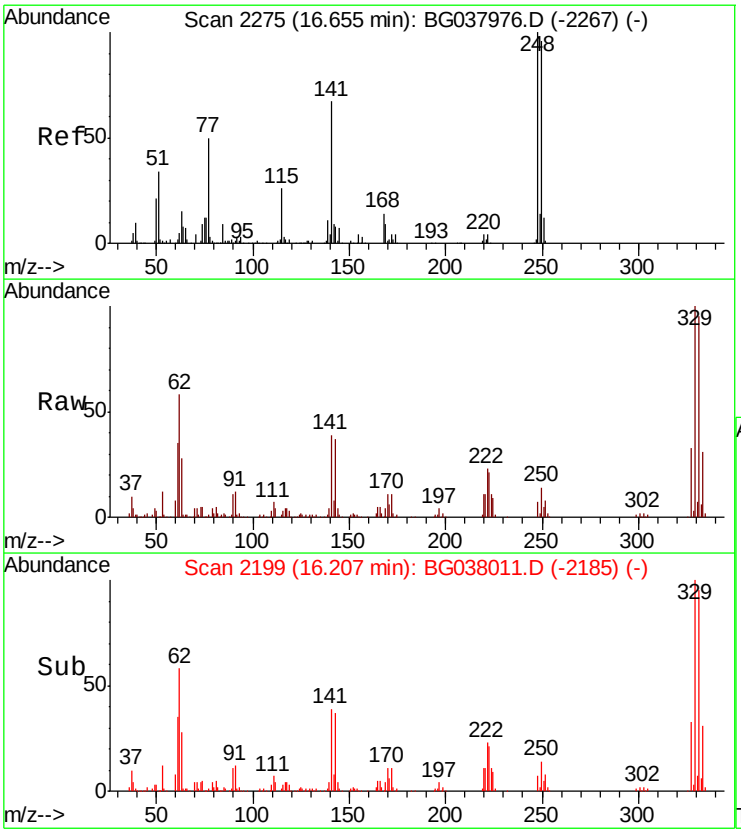
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:188 Resp: 299136

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.1	7.7	11.5

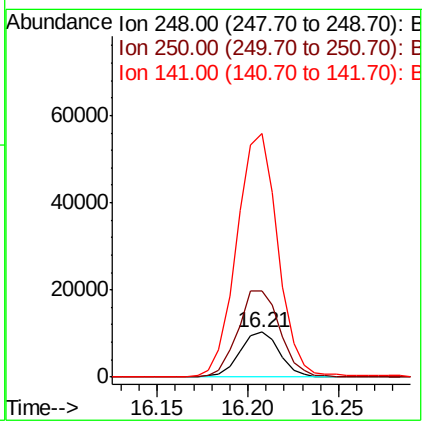


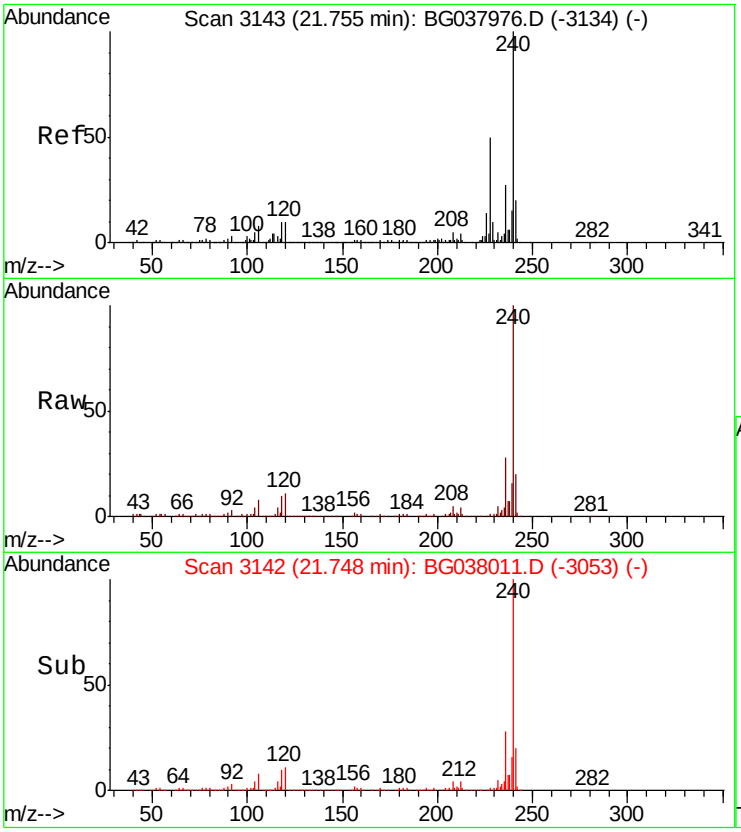


#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:248 Resp: 15922

Ion	Ratio	Lower	Upper
248	100		
250	190.9	77.0	115.6#
141	403.3	55.5	83.3#



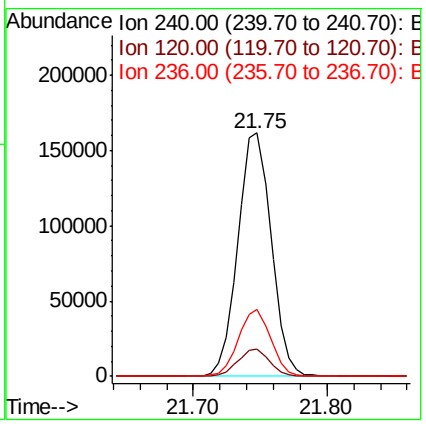


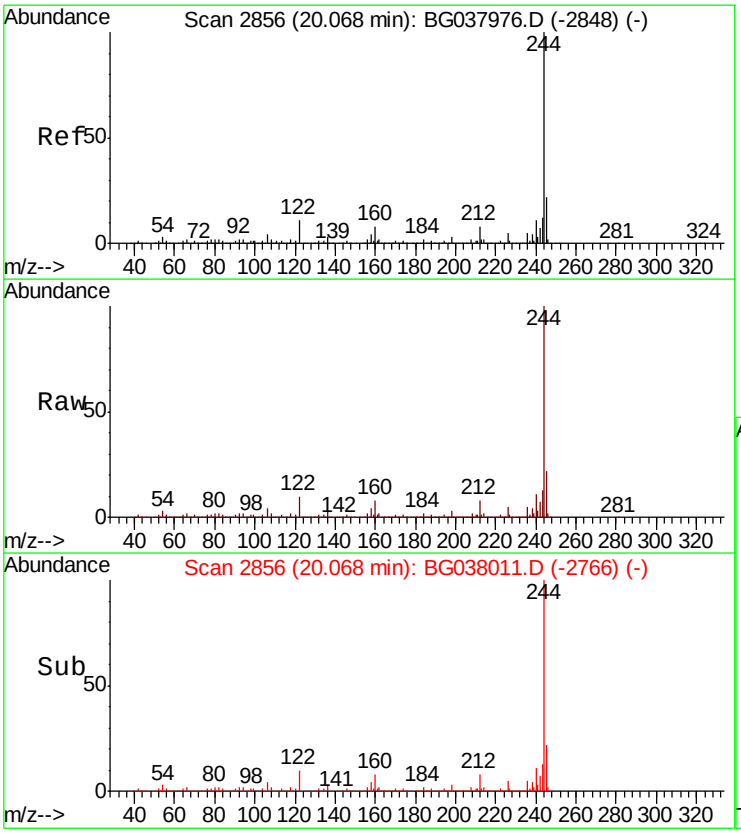
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:240 Resp: 279584

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	27.7	21.4	32.0

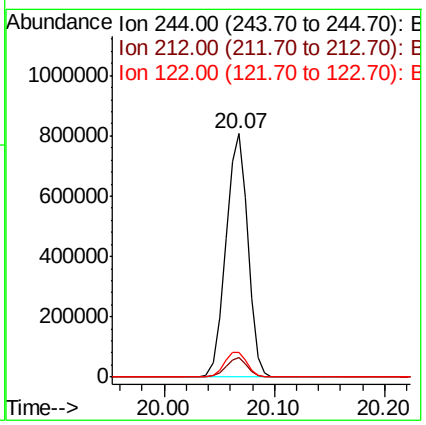


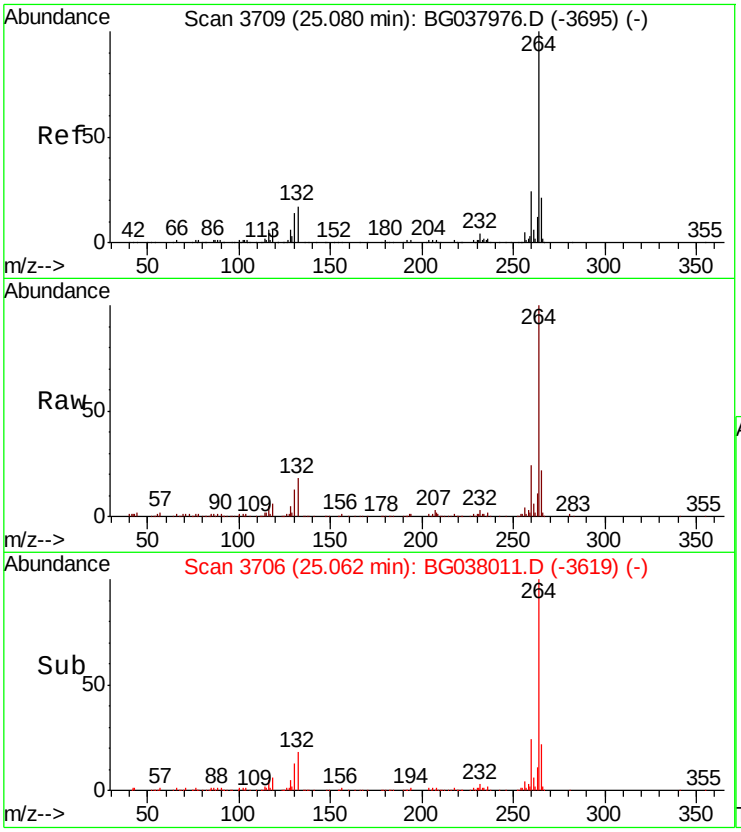


#79
Terphenyl-d14
Concen: 94.536 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Tgt Ion:244 Resp: 1123277

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038011.D
Acq: 15 Nov 2018 00:13

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Tgt Ion:264 Resp: 284907

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.9	17.9	26.9