Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038225.D
Acq On : 29 Nov 2018 8:32
Operator : JU/SJ
Sample : J6069-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 29 10:19:56 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	34543	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	160862	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	101966	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	229795	20.00	ng		0.00
76) Chrysene-d12	21.75	240	222757	20.00	ng		0.00
87) Perylene-d12	25.08	264	212188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	89788	44.88	ng		0.00
7) Phenol-d6	7.23	99	78692	27.55	ng		0.00
23) Nitrobenzene-d5	9.26	82	290872	96.79	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	93411	80.33	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	671508	95.94	ng		0.00
79) Terphenyl-d14	20.07	244	980648	103.59	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	6377	2.108	ng		78
15) Benzyl Alcohol	8.41	79	4180	2.023	ng	#	41
19) n-Nitroso-di-n-propylamine	9.26	70	37965	18.372	ng	#	78
51) 2,6-Dinitrotoluene	14.72	165	13283	7.260	ng	#	25
57) 2,4-Dinitrotoluene	14.72	165	13283	5.336	ng	#	25
67) 4-Bromophenyl-phenylether	16.21	248	6608	2.620	ng	#	1
77) Benzidine	20.07	184	17187	2.199	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
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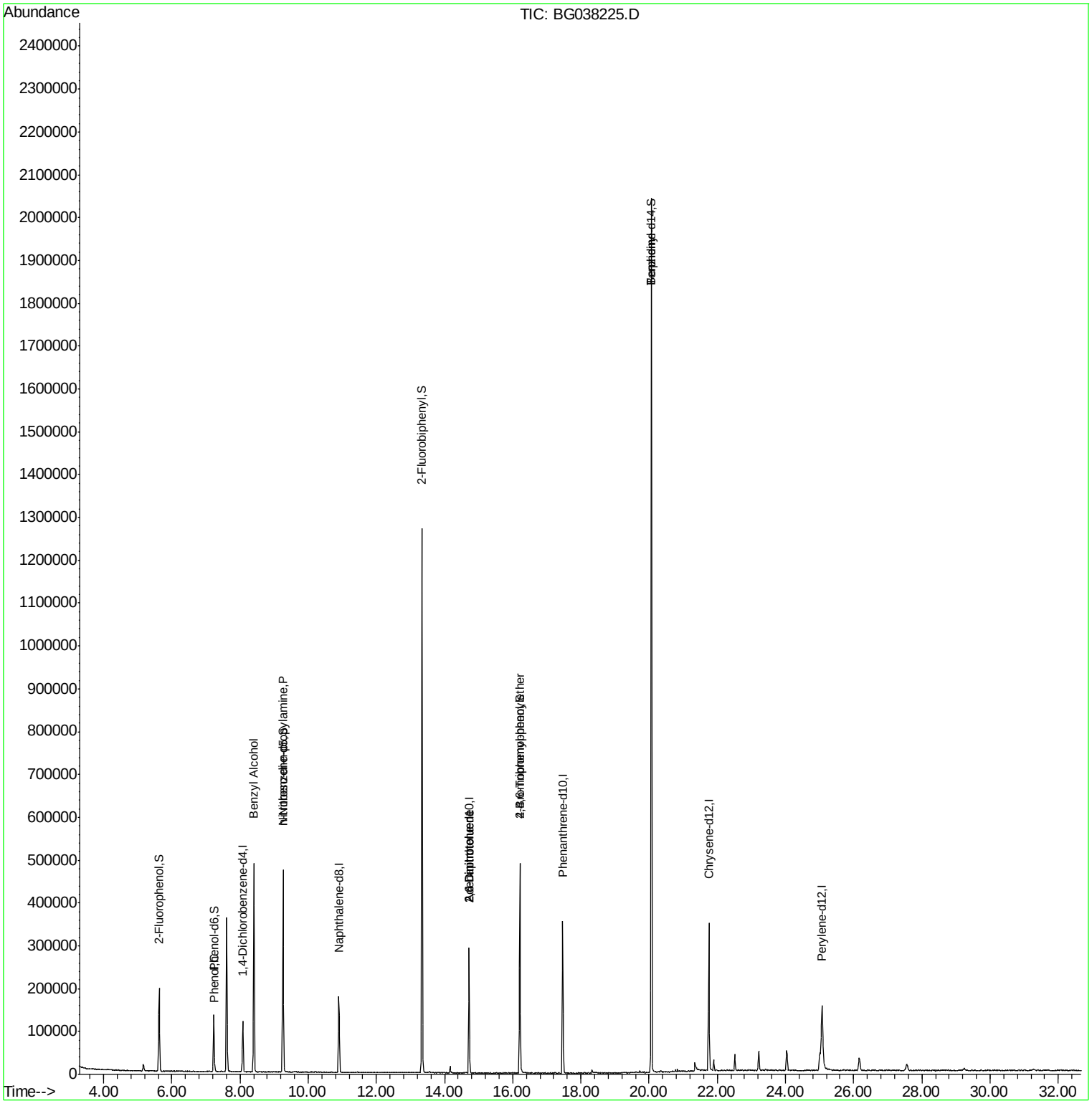
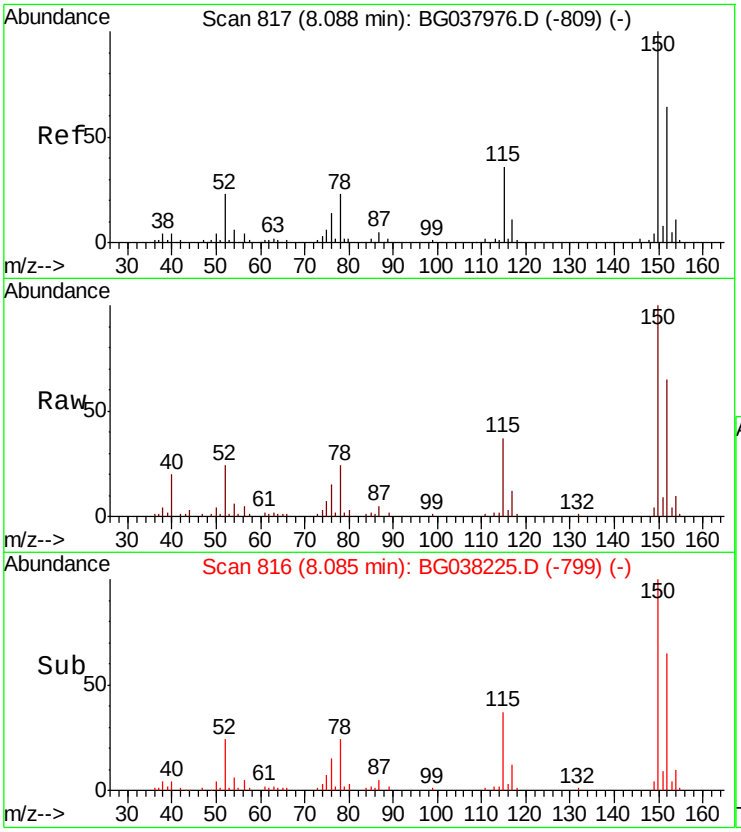


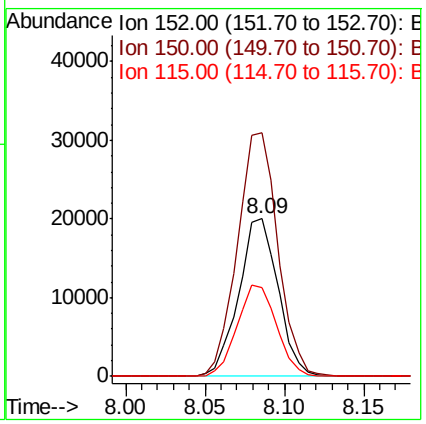


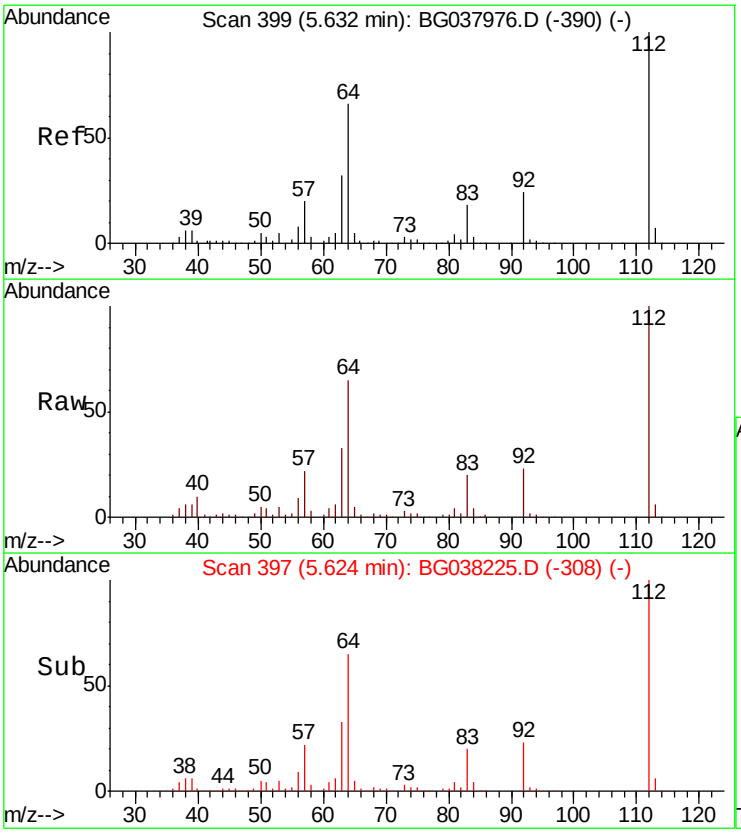
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34543

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.0	189.0
115	56.7	45.5	68.3

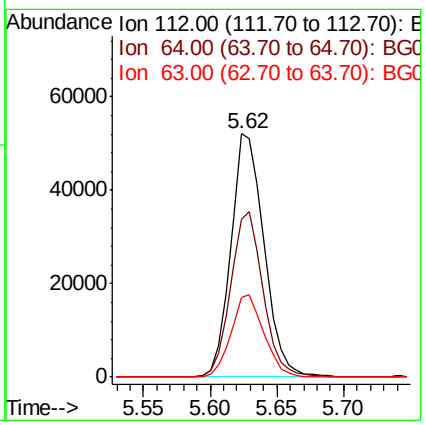


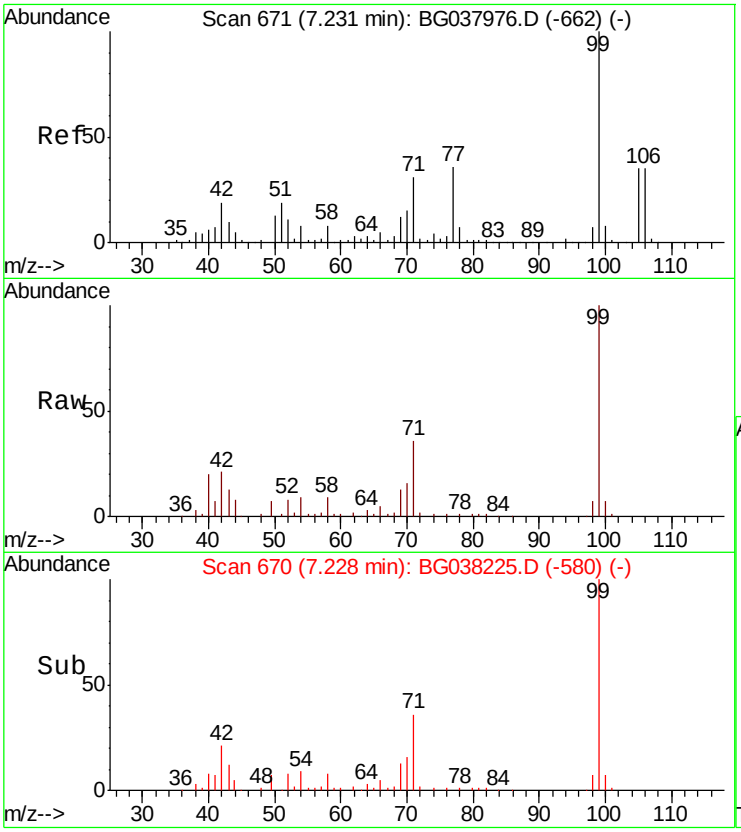


#5
2-Fluorophenol
Concen: 44.879 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:112 Resp: 89788

Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	32.6	27.3	40.9



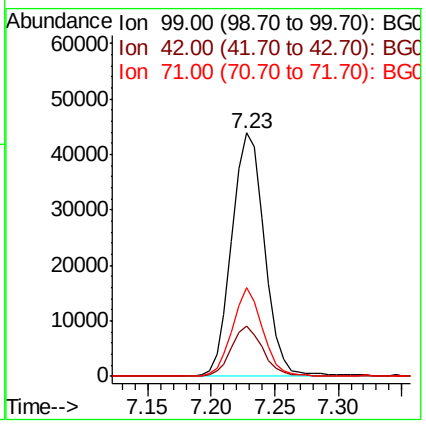


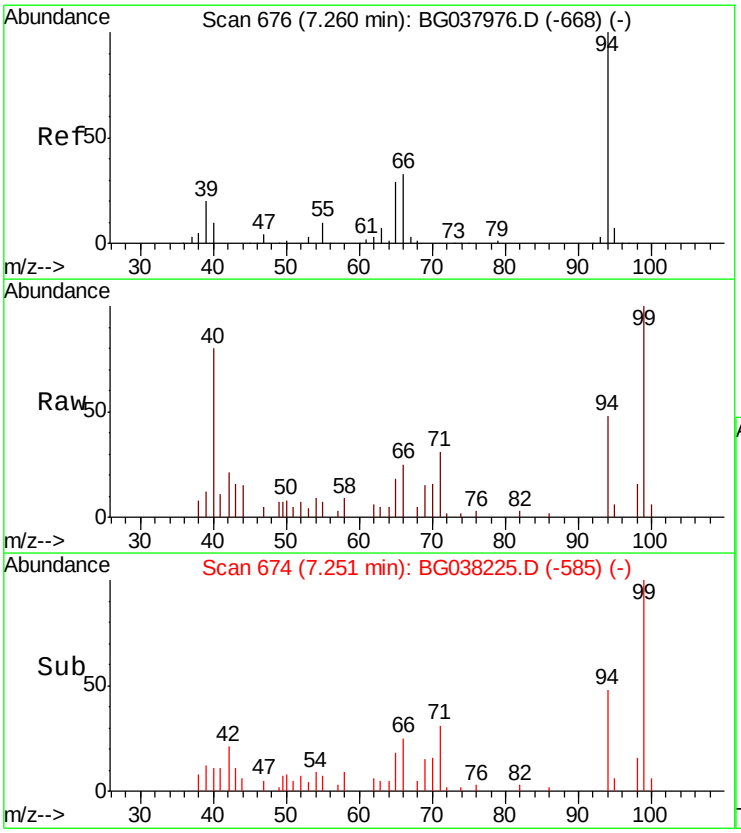
#7
Phenol-d6
Concen: 27.555 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 78692

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.0	22.4
71	36.3	25.5	38.3

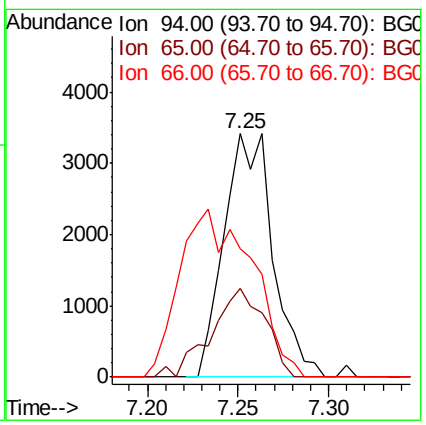


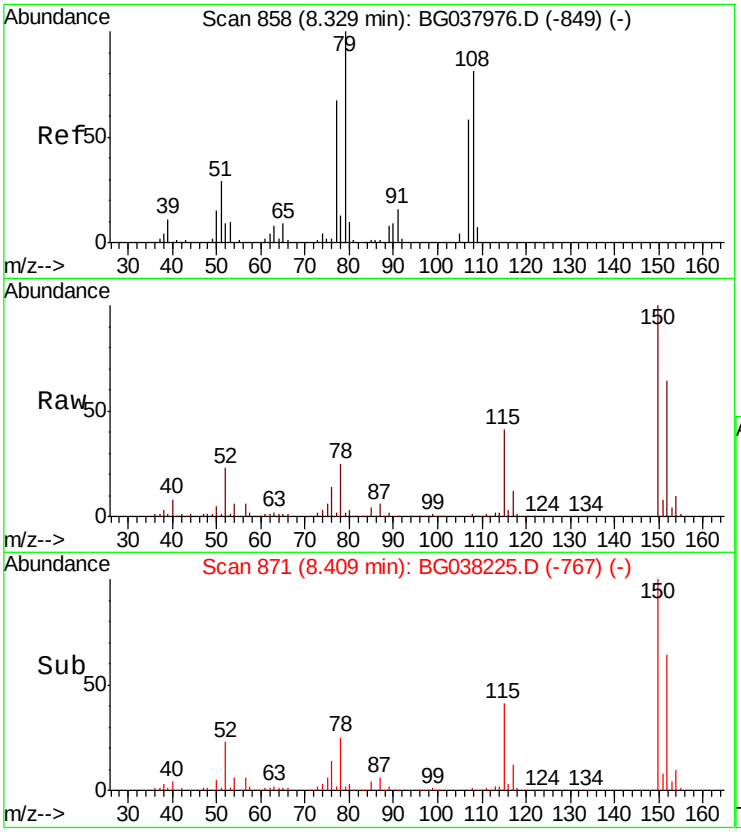


#10
Phenol
Concen: 2.108 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion: 94 Resp: 6377

Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.7	49.7
66	52.7	15.9	55.9



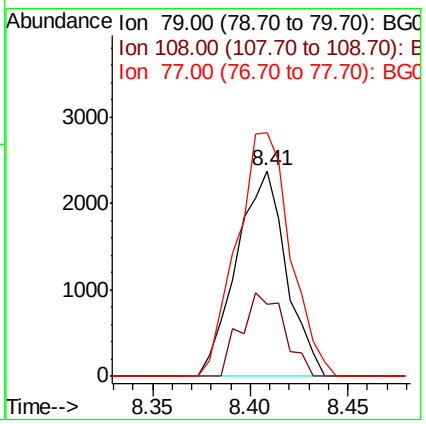


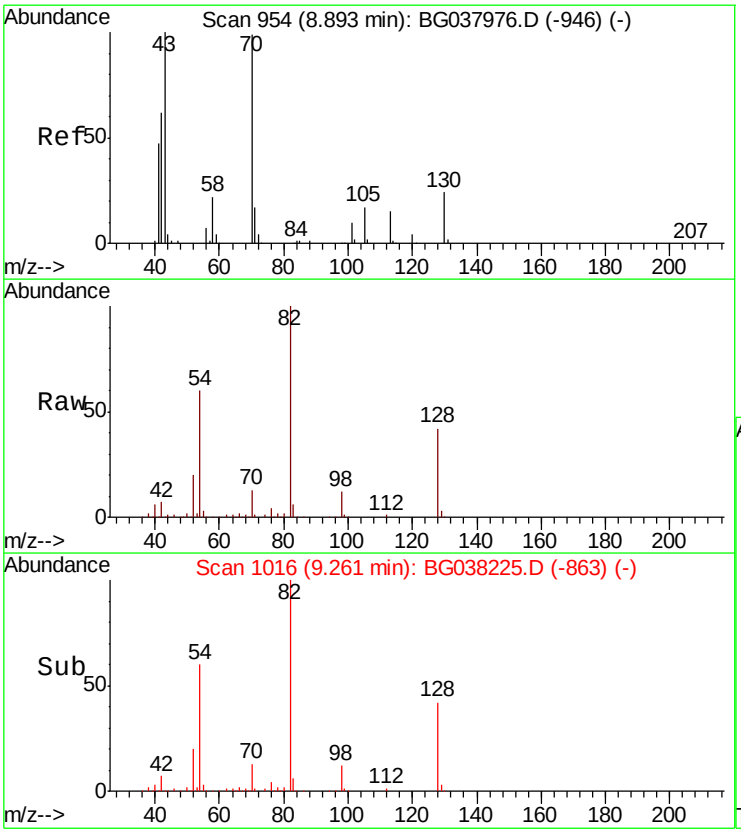
#15
Benzyl Alcohol
Concen: 2.023 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4180

Ion	Ratio	Lower	Upper
79	100		
108	34.8	65.8	98.8#
77	118.5	52.9	79.3#

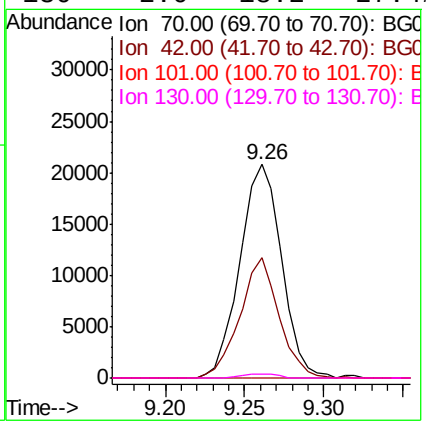


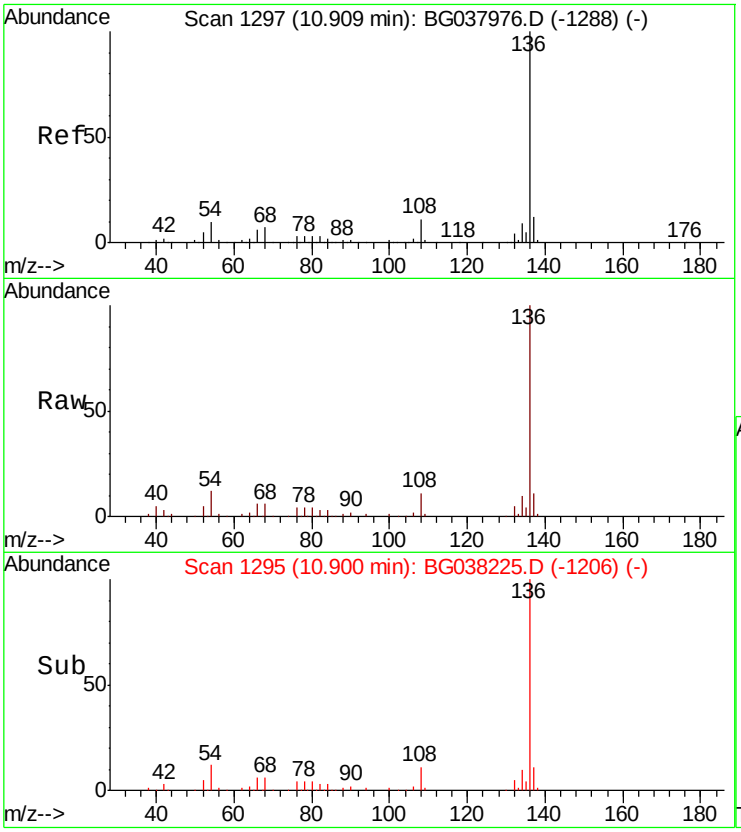


#19
n-Nitroso-di-n-propylamine
Concen: 18.372 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion: 70 Resp: 37965

Ion	Ratio	Lower	Upper
70	100		
42	56.5	53.9	80.9
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



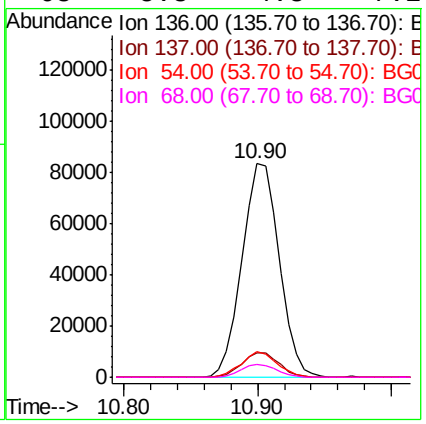


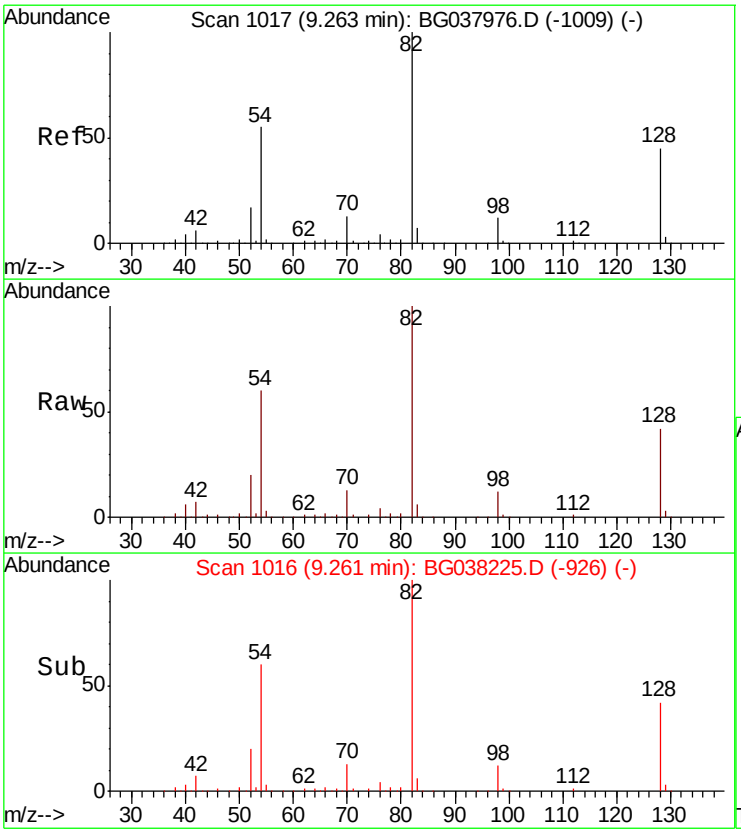
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 160862

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	12.2	7.9	11.9#
68	5.8	4.8	7.2

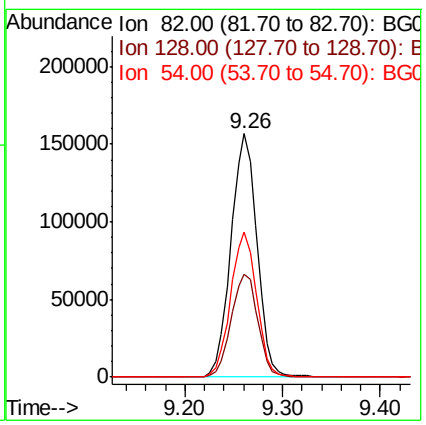


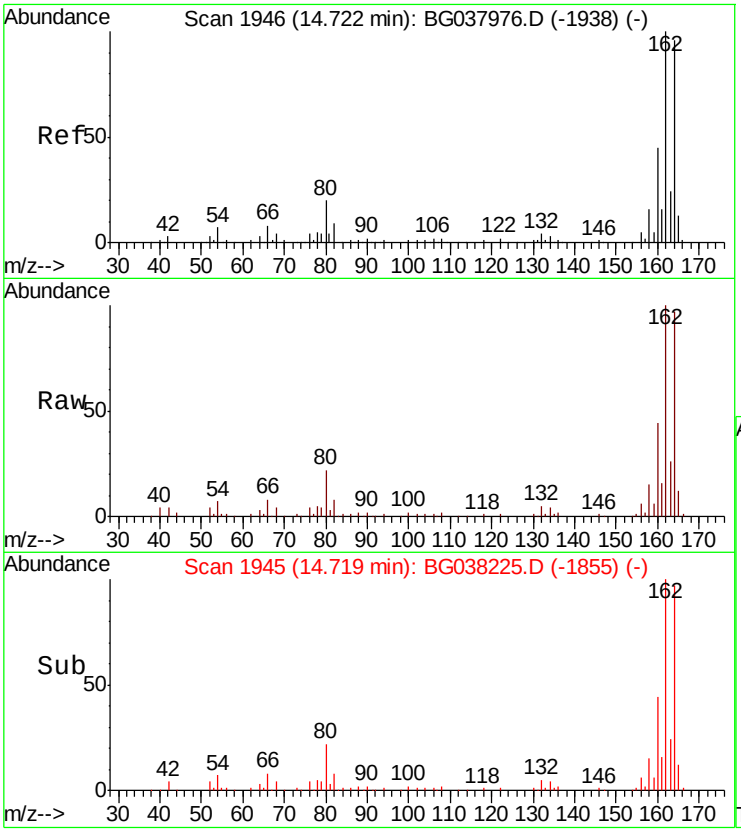


#23
Nitrobenzene-d5
Concen: 96.794 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion: 82 Resp: 290872

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	59.8	45.3	67.9



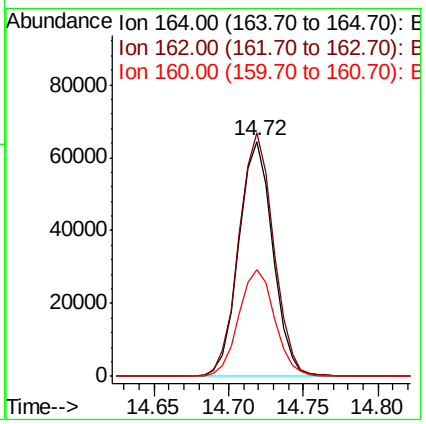


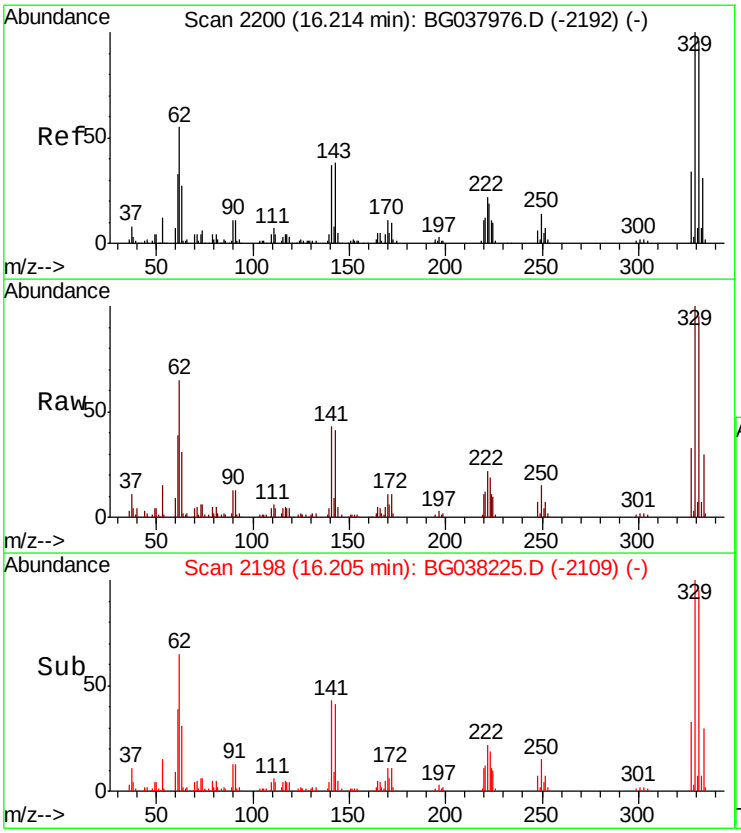
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 101966

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	45.2	36.3	54.5

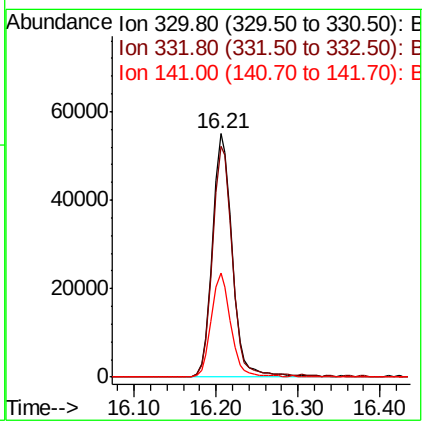


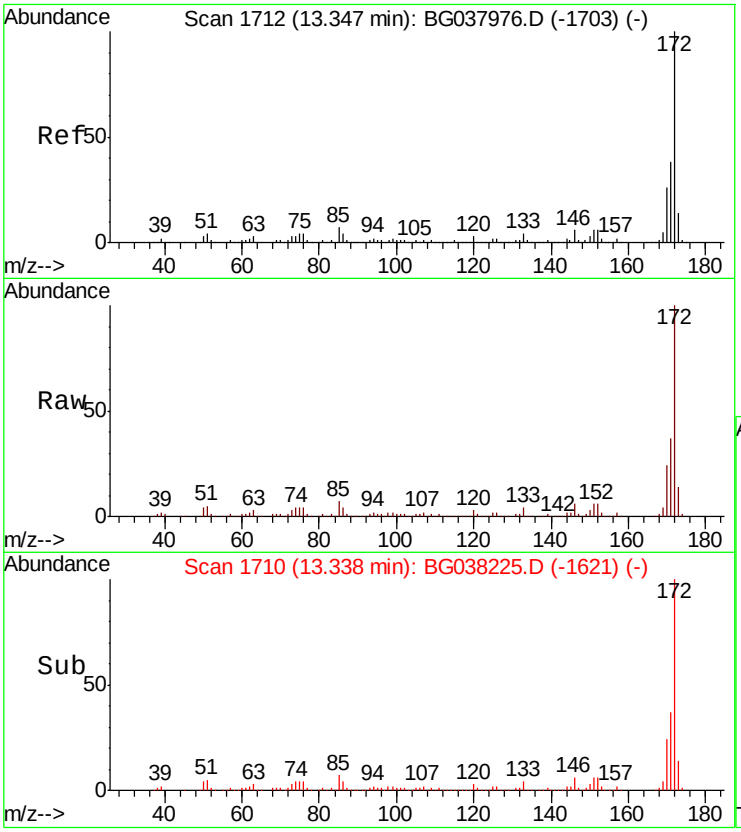


#42
2,4,6-Tribromophenol
Concen: 80.326 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:330 Resp: 93411

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	42.0	32.2	48.2



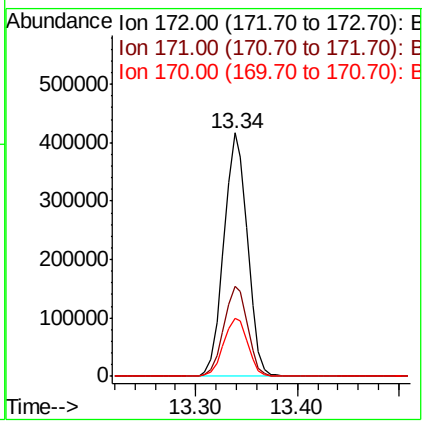


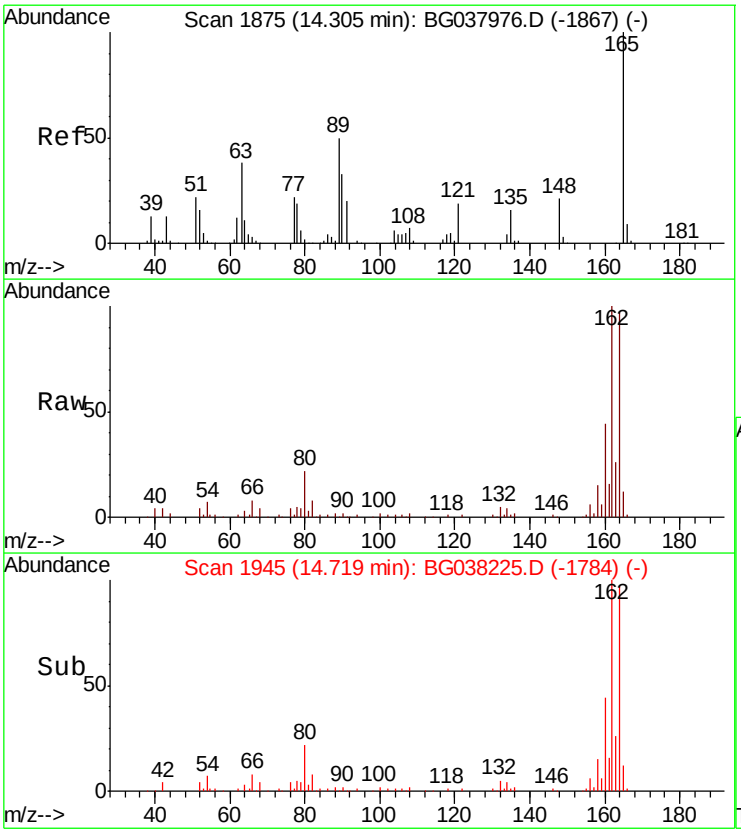
#45
2-Fluorobiphenyl
Concen: 95.942 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 671508

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	23.9	20.2	30.2

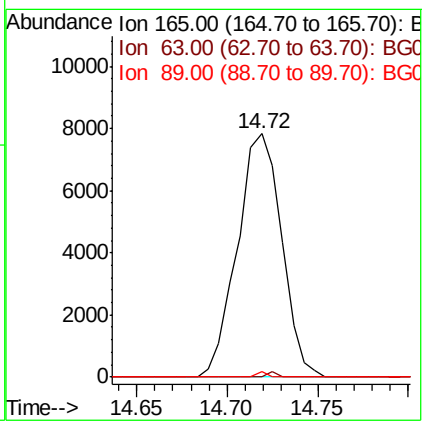


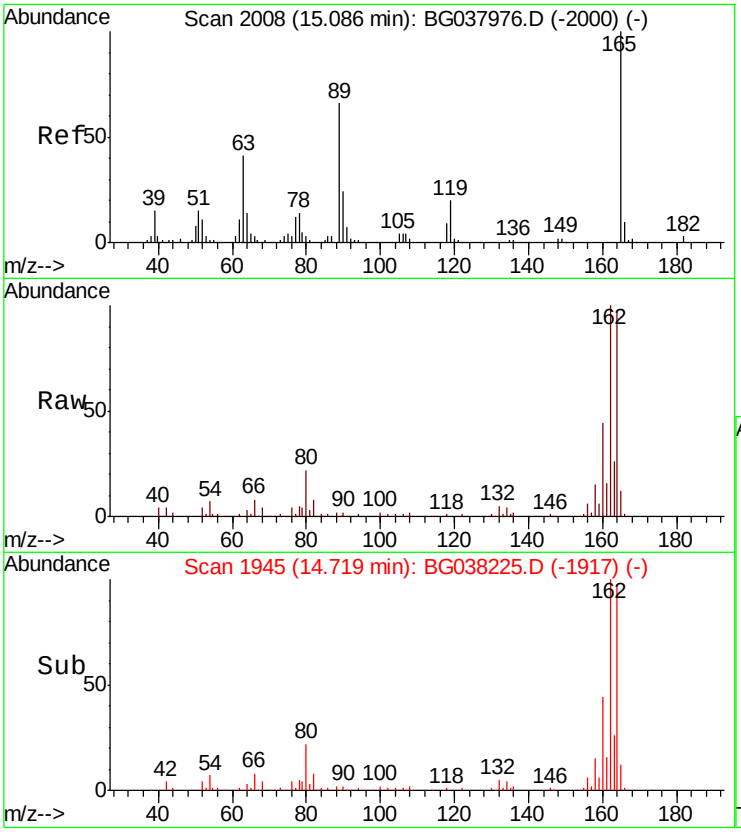


#51
2,6-Dinitrotoluene
Concen: 7.260 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:165 Resp: 13283

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.5	45.8	68.6#



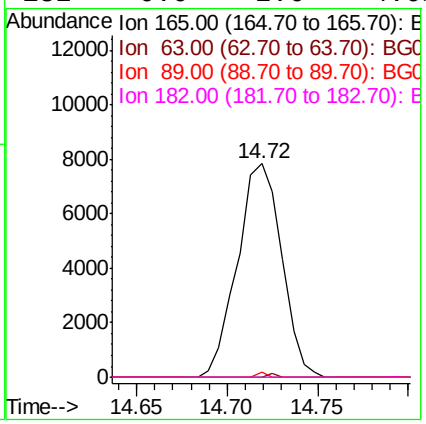


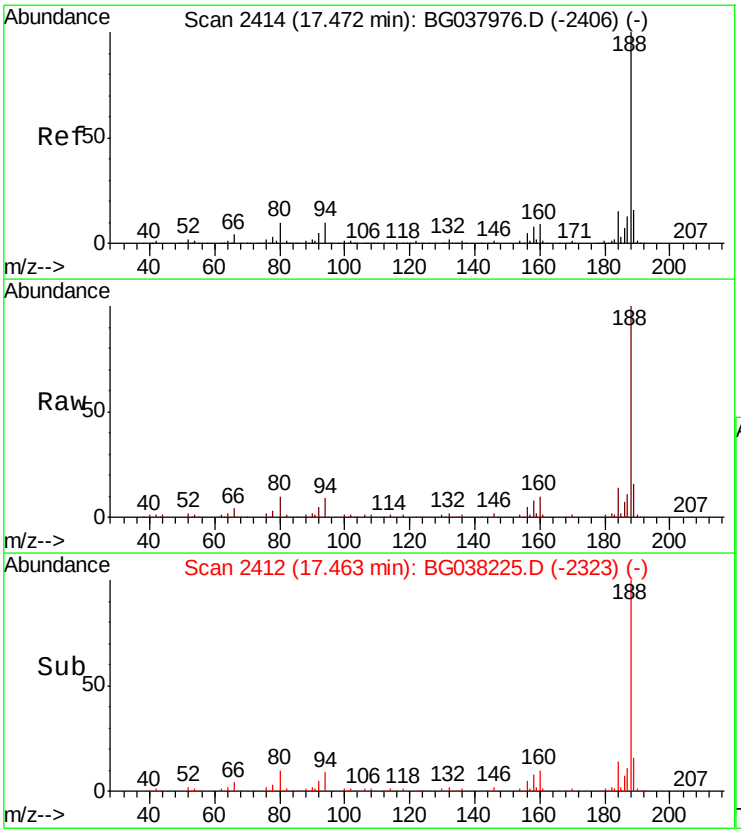
#57
2,4-Dinitrotoluene
Concen: 5.336 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13283

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.5	57.2	85.8#
182	0.0	2.6	4.0#

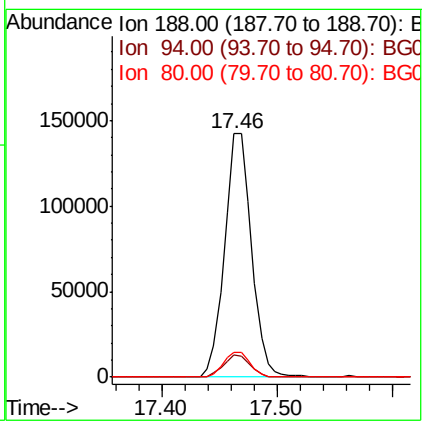


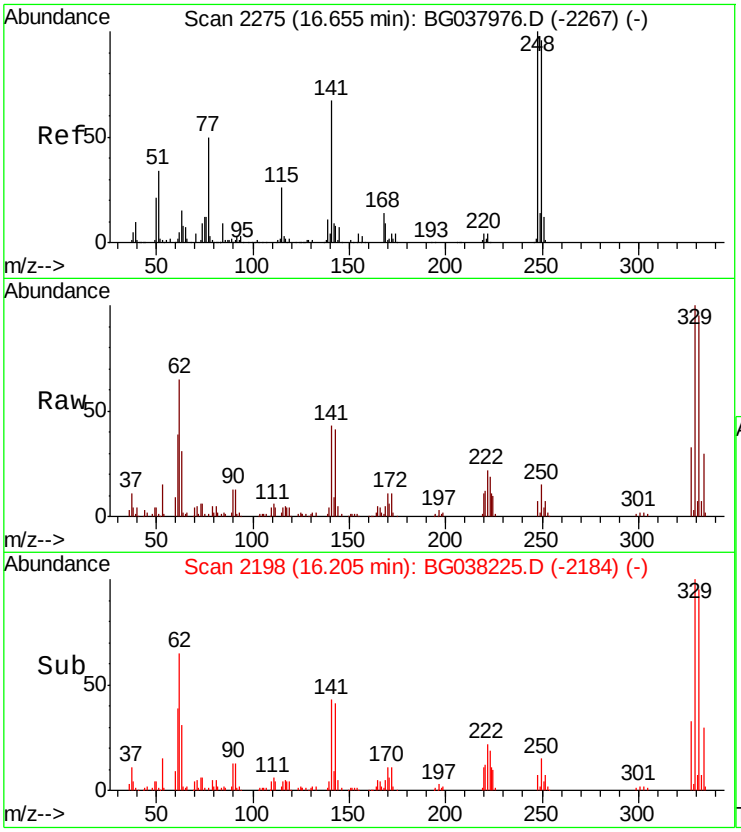


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:188 Resp: 229795

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5



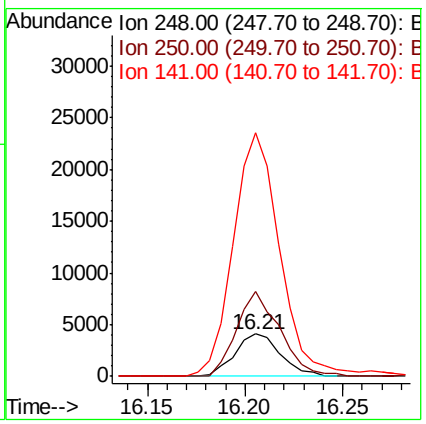


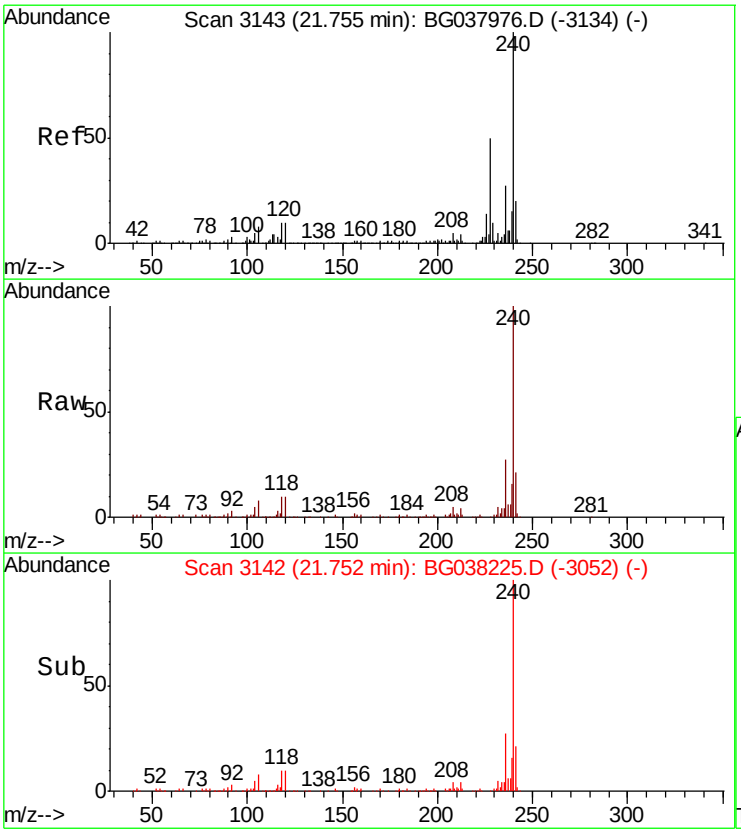
#67
4-Bromophenyl-phenylether
Concen: 2.620 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6608

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.0	115.6#
141	439.1	55.5	83.3#

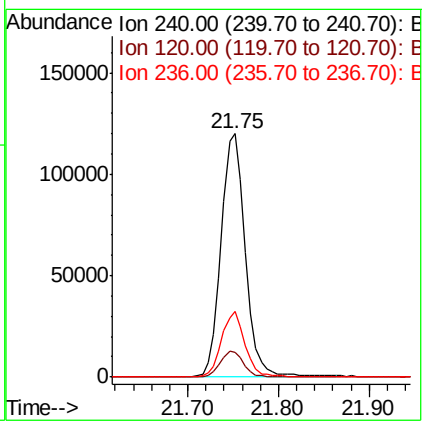


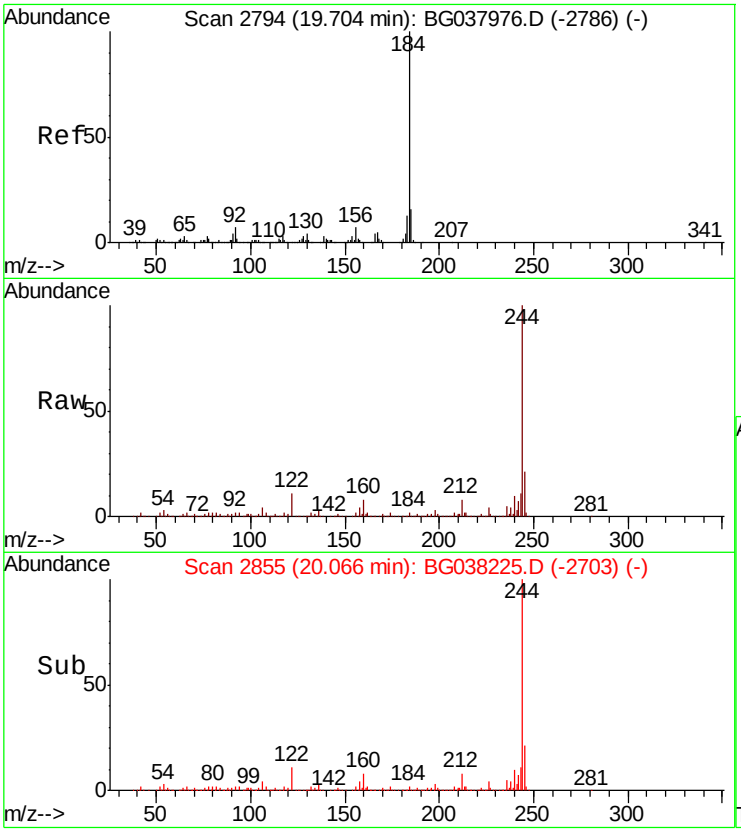


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:240 Resp: 222757

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.7	21.4	32.0



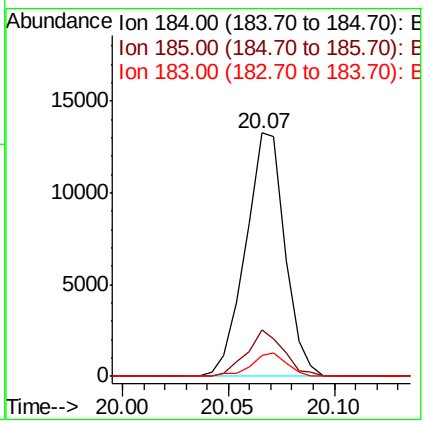


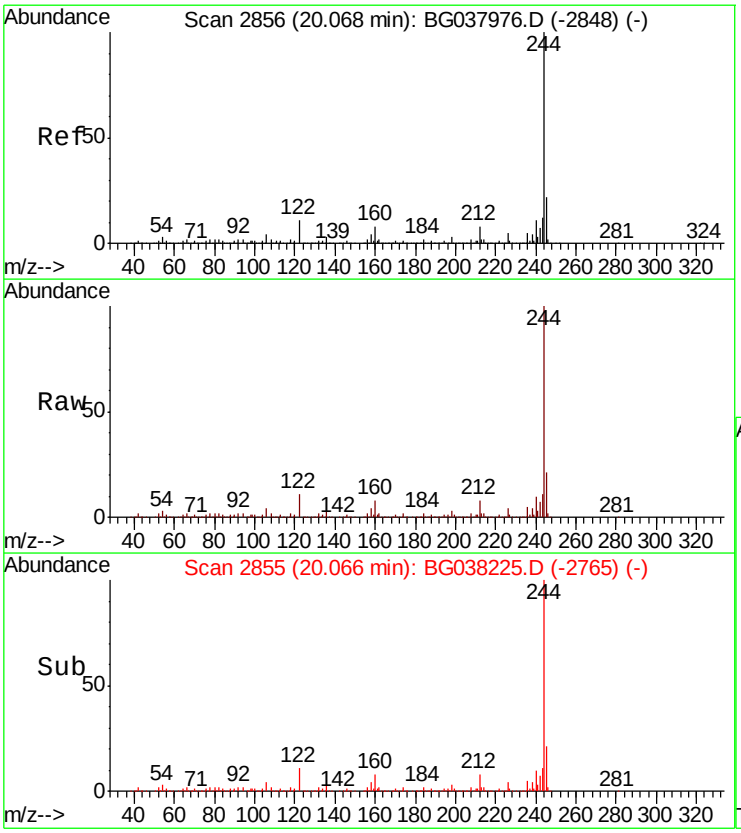
#77
Benzidine
Concen: 2.199 ng
RT: 20.07 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17187

Ion	Ratio	Lower	Upper
184	100		
185	19.2	12.6	18.8#
183	8.6	10.2	15.2#

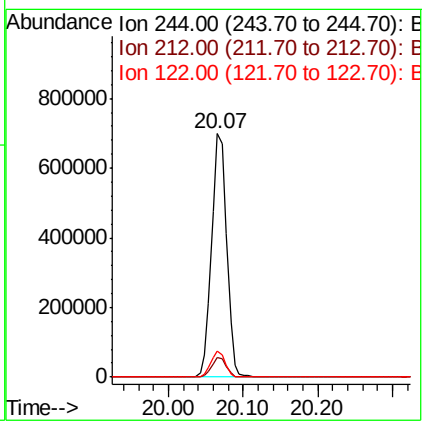


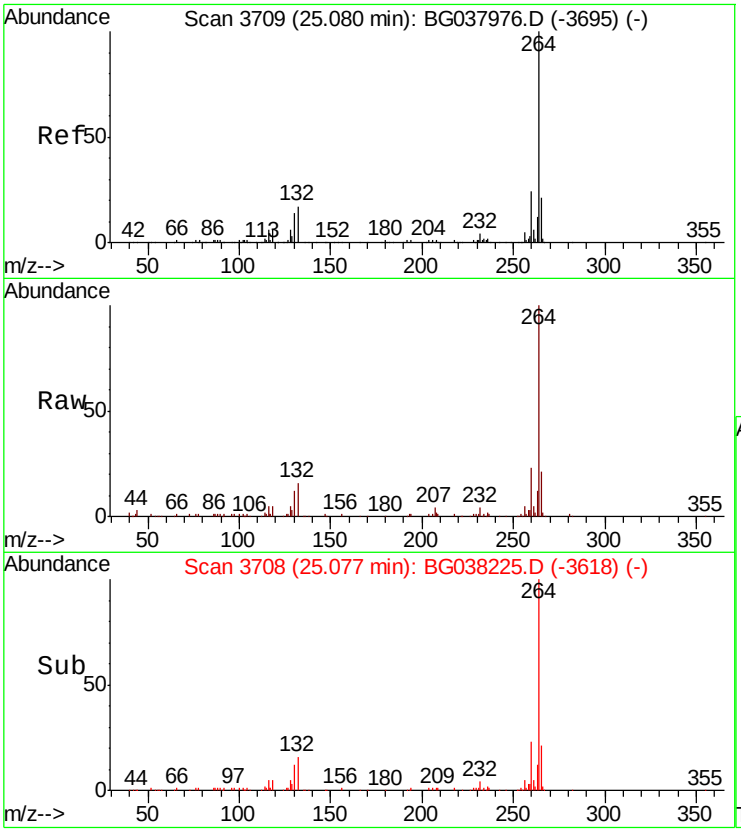


#79
Terphenyl-d14
Concen: 103.587 ng
RT: 20.07 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Tgt Ion:244 Resp: 980648

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038225.D
Acq: 29 Nov 2018 8:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 212188

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.6	17.9	26.9