Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038210.D
Acq On : 28 Nov 2018 21:51
Operator : JU/SJ
Sample : J6069-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112318-DBRI-F-D-S

Quant Time: Nov 29 04:32:00 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	38602	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	180678	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116014	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	258951	20.00	ng		0.00
76) Chrysene-d12	21.75	240	247856	20.00	ng		0.00
87) Perylene-d12	25.08	264	237781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	109113	48.80	ng		0.00
7) Phenol-d6	7.23	99	99254	31.10	ng		0.00
23) Nitrobenzene-d5	9.26	82	302156	89.52	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	108762	82.20	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	683442	85.82	ng		0.00
79) Terphenyl-d14	20.07	244	979946	93.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	16163	4.781	ng		95
19) n-Nitroso-di-n-propylamine	9.26	70	39269	17.005	ng	#	72
50) Dimethylphthalate	14.17	163	49171	5.346	ng		98
51) 2,6-Dinitrotoluene	14.72	165	14858	7.138	ng	#	26
57) 2,4-Dinitrotoluene	14.72	165	14858	5.246	ng	#	26
67) 4-Bromophenyl-phenylether	16.20	248	7676	2.701	ng	#	1
77) Benzidine	20.07	184	18115	2.083	ng	#	94

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

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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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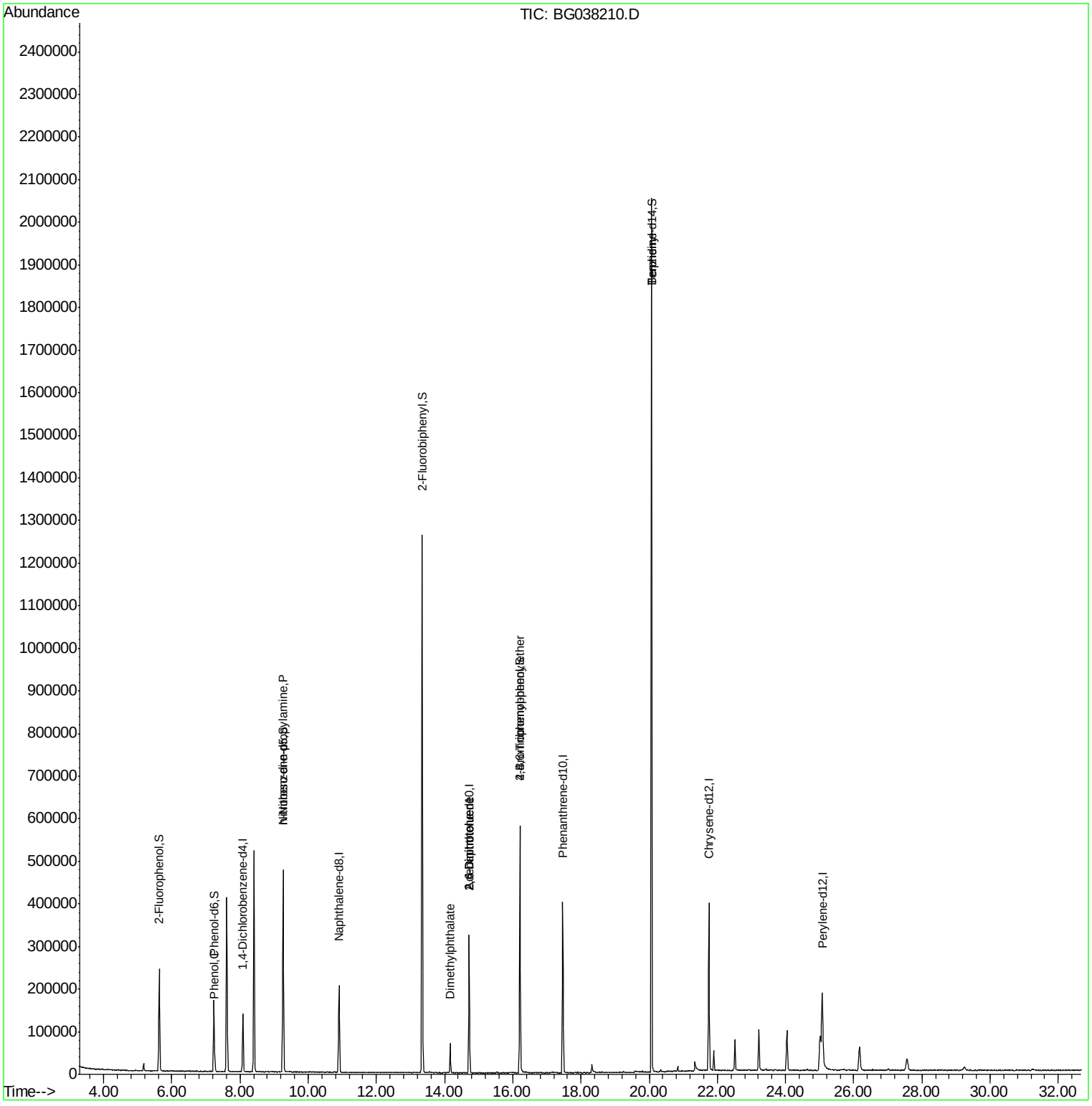
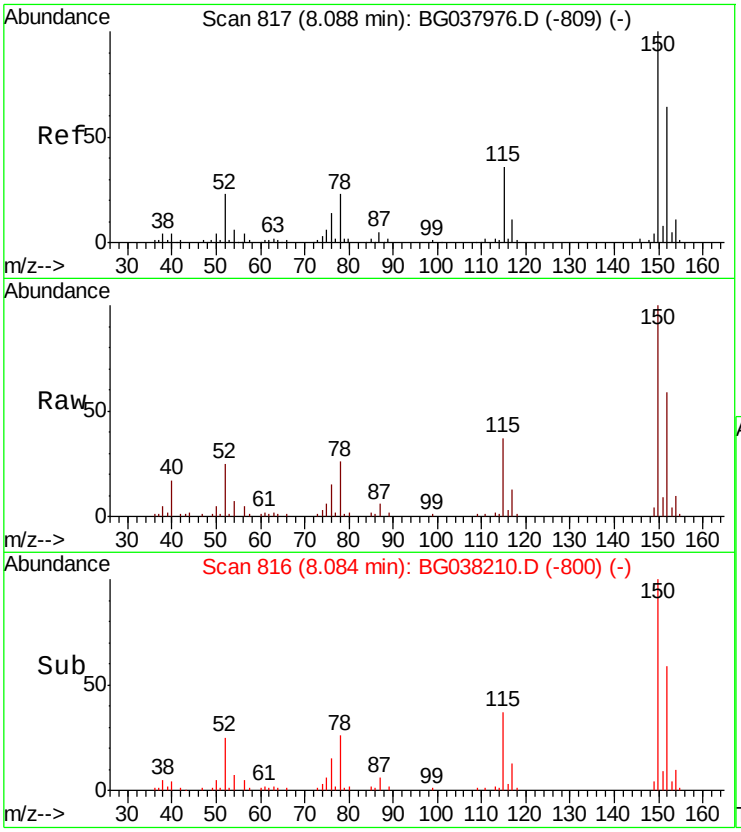


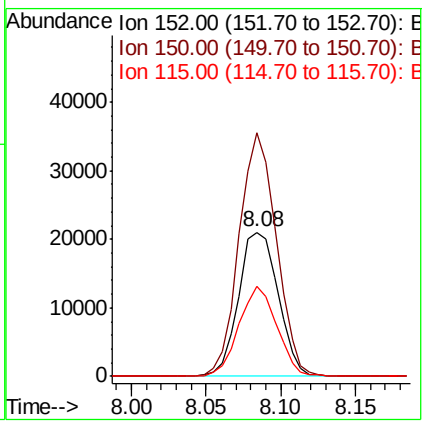


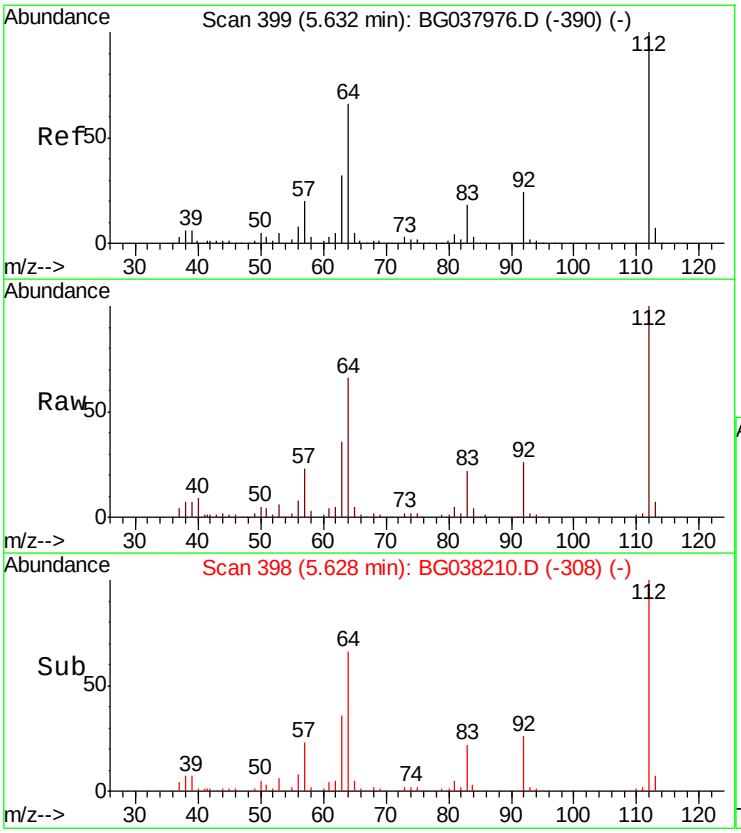
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:152 Resp: 38602

Ion	Ratio	Lower	Upper
152	100		
150	168.7	126.0	189.0
115	62.0	45.5	68.3

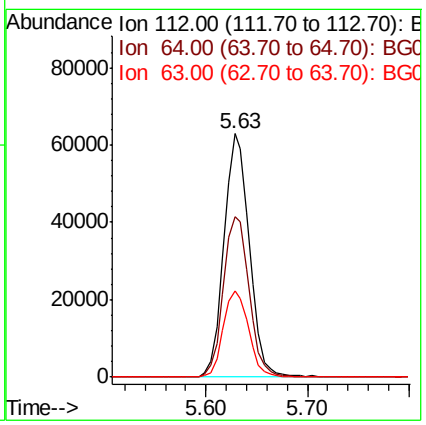


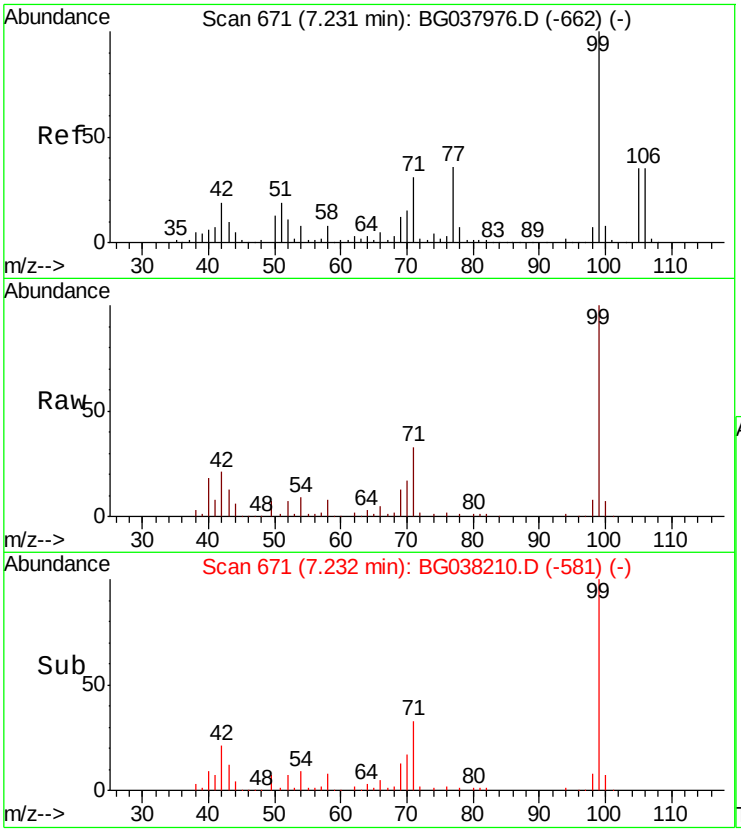


#5
2-Fluorophenol
Concen: 48.803 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:112 Resp: 109113

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.1	79.7
63	35.6	27.3	40.9



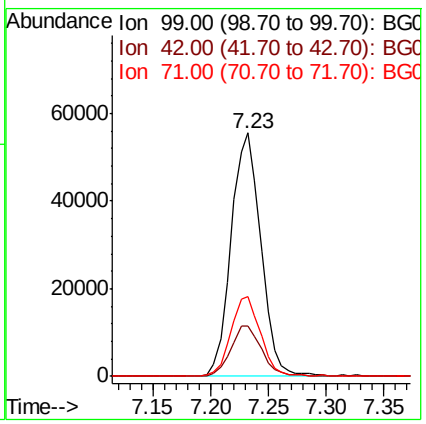


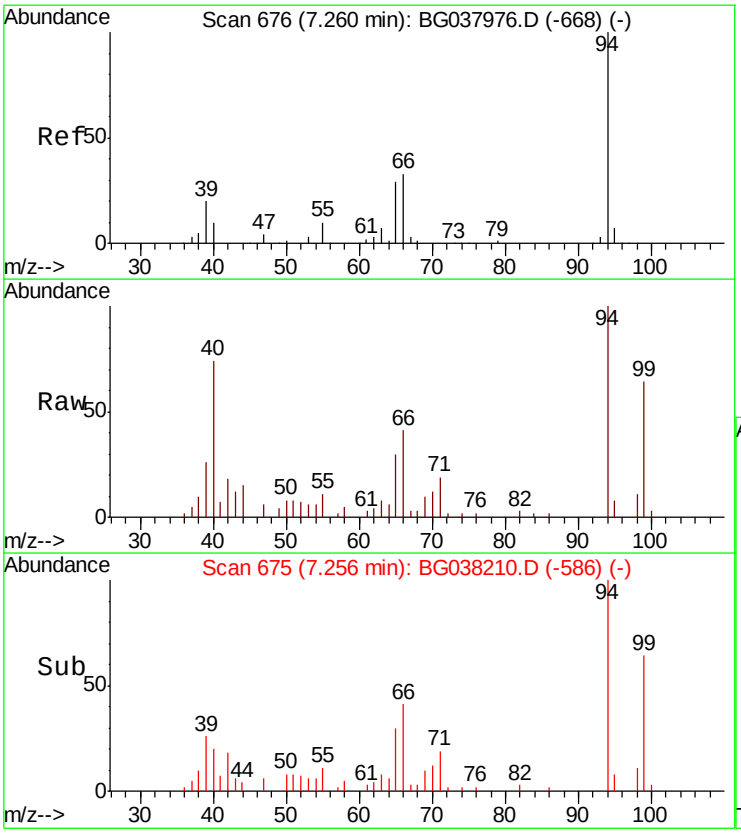
#7
Phenol-d6
Concen: 31.100 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion: 99 Resp: 99254

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.0	22.4
71	32.7	25.5	38.3

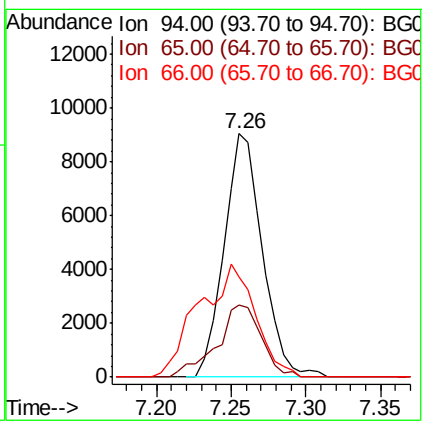


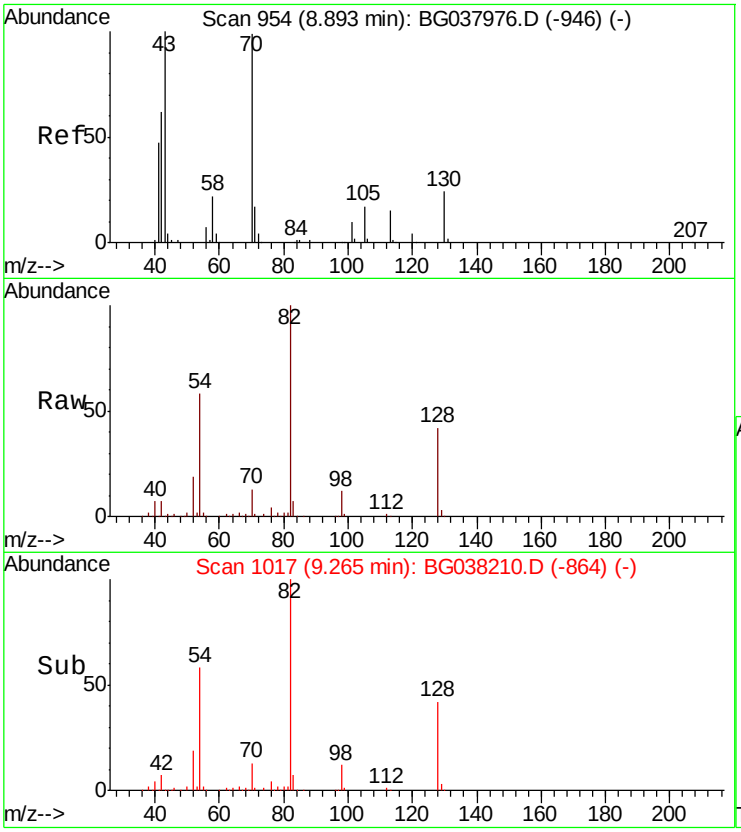


#10
Phenol
Concen: 4.781 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion: 94 Resp: 16163

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.7	49.7
66	41.3	15.9	55.9



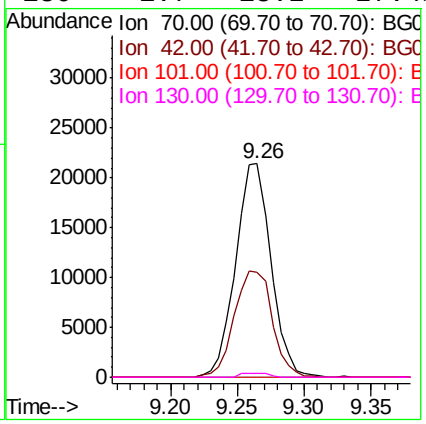


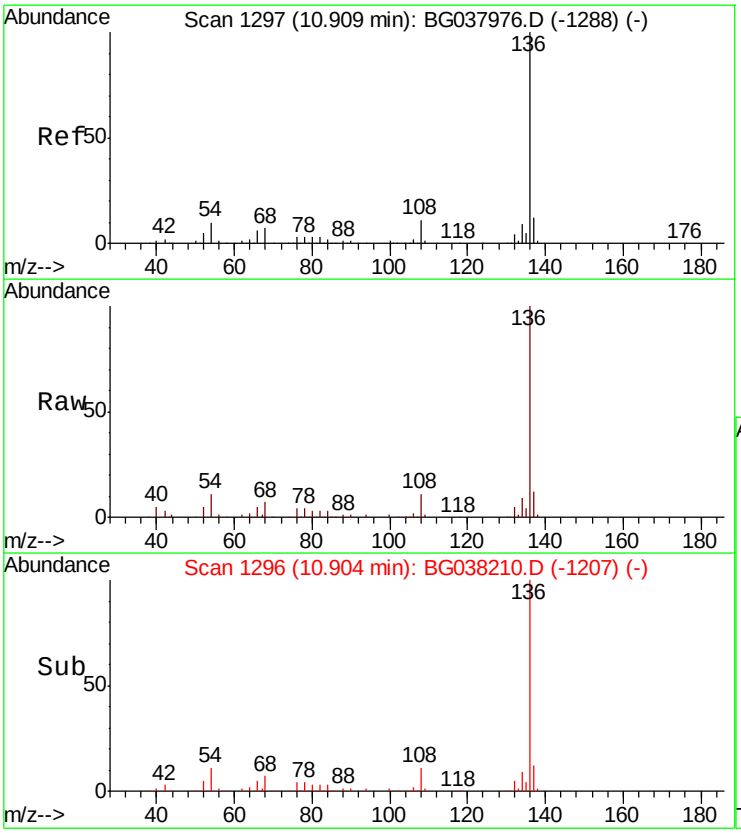
#19
n-Nitroso-di-n-propylamine
Concen: 17.005 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion: 70 Resp: 39269

Ion	Ratio	Lower	Upper
70	100		
42	48.9	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#

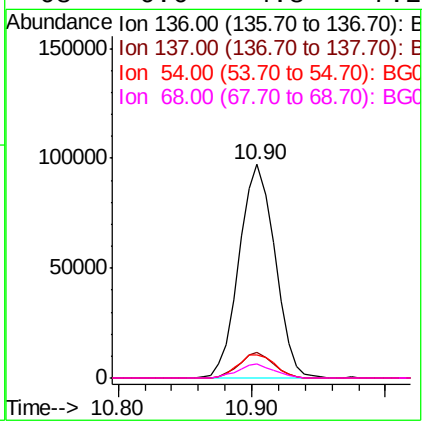


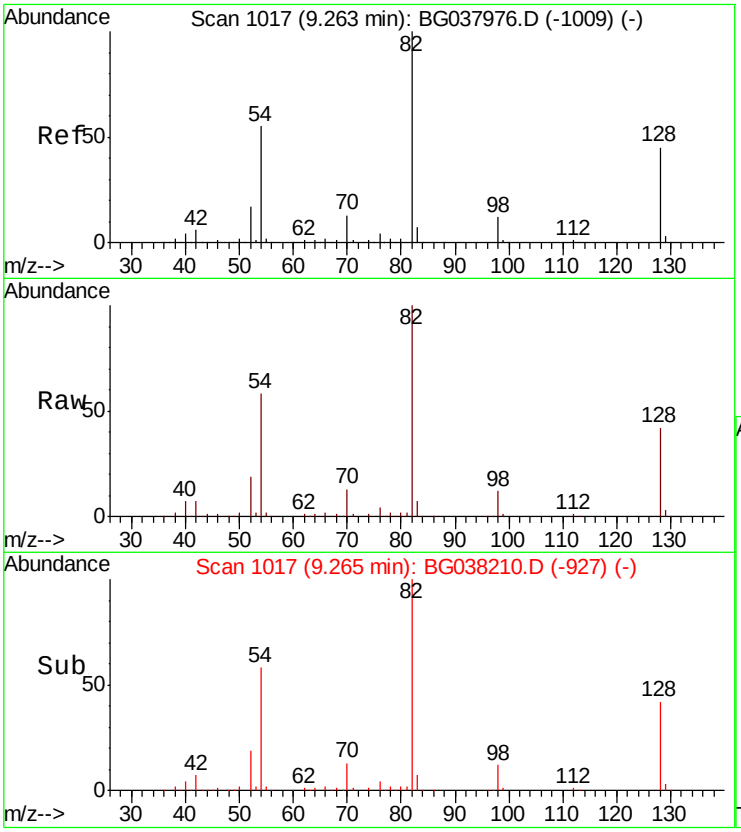


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:136 Resp: 180678

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	11.1	7.9	11.9
68	6.6	4.8	7.2



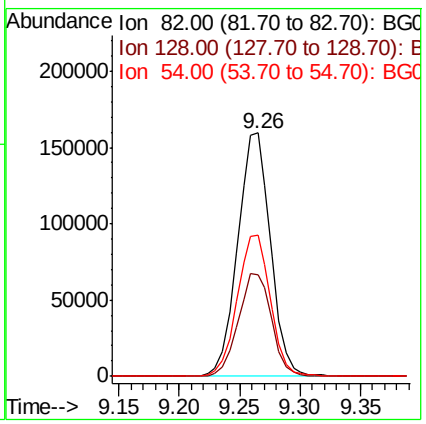


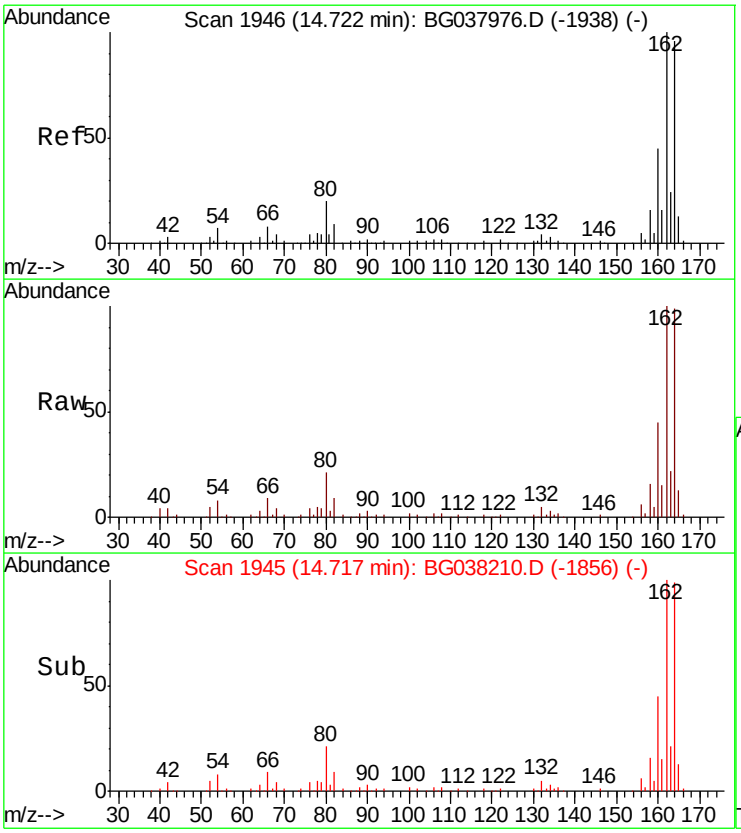
#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion: 82 Resp: 302156

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	58.3	45.3	67.9

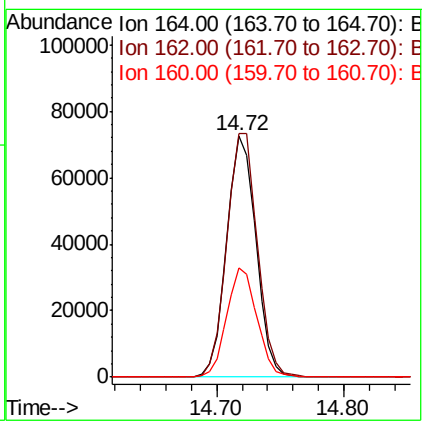


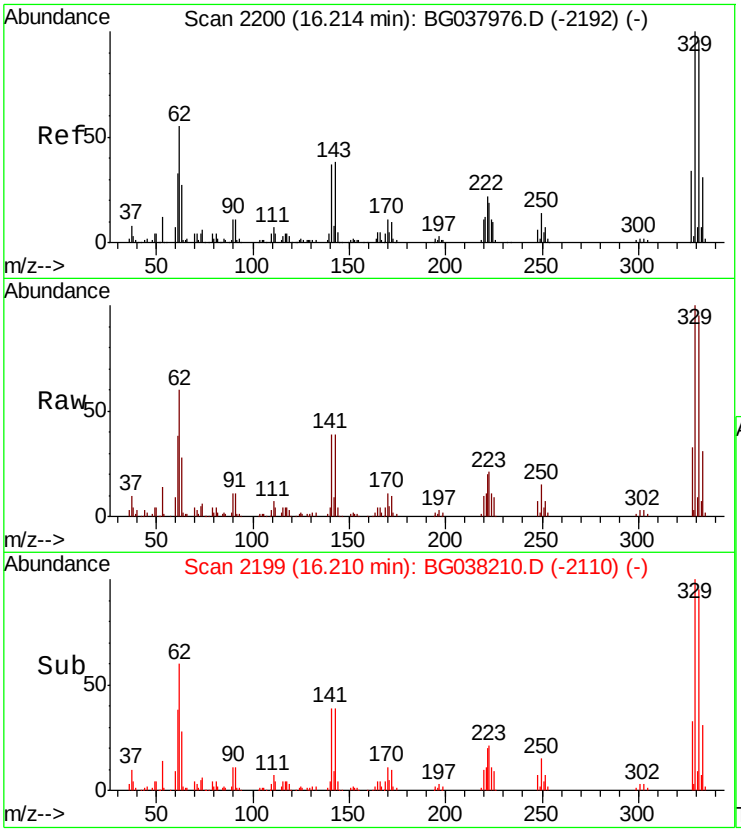


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:164 Resp: 116014

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	45.2	36.3	54.5



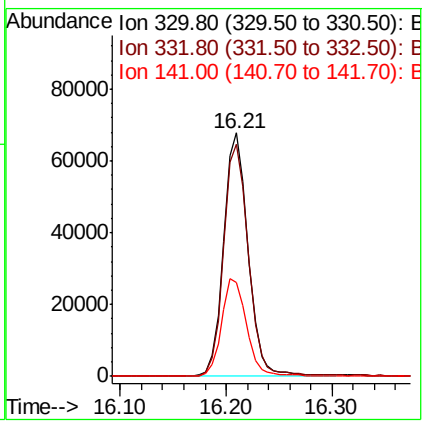


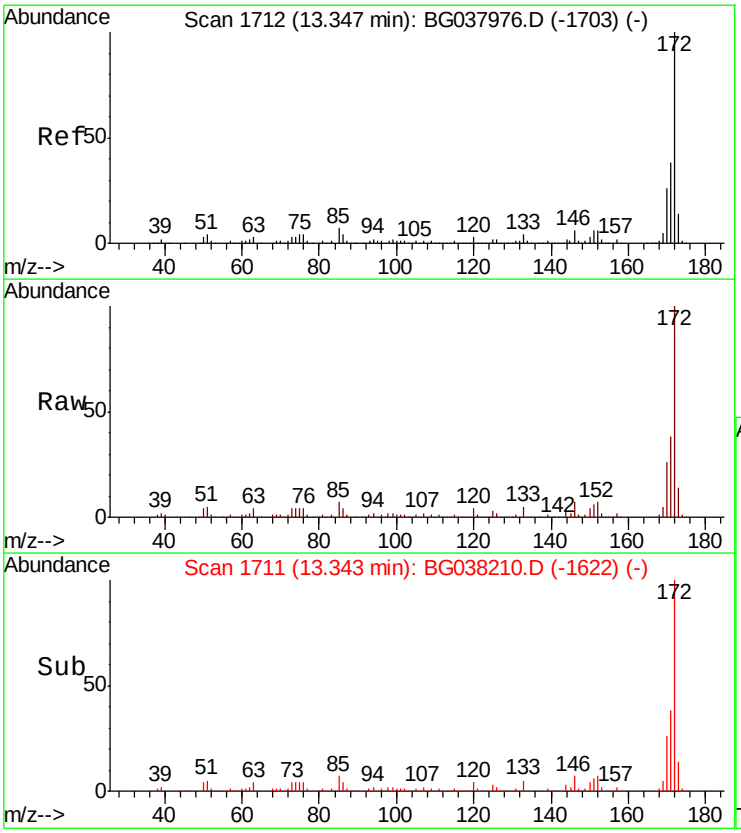
#42
2,4,6-Tribromophenol
Concen: 82.202 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:330 Resp: 108762

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	41.1	32.2	48.2

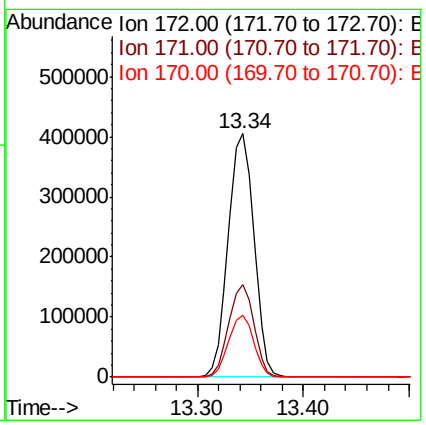


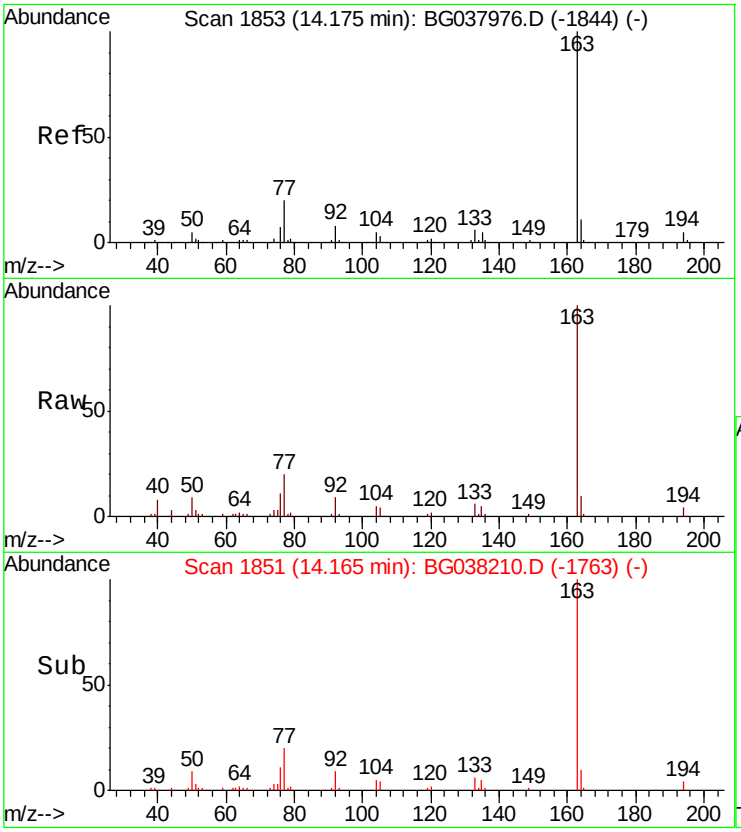


#45
2-Fluorobiphenyl
Concen: 85.824 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:172 Resp: 683442

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.6	20.2	30.2



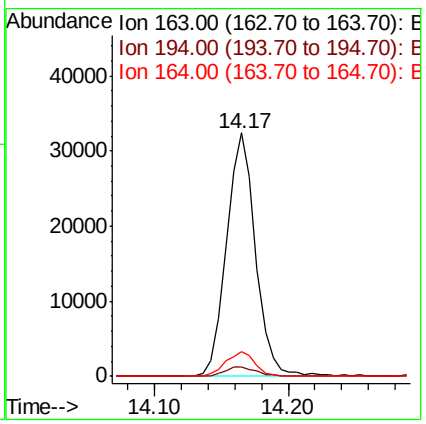


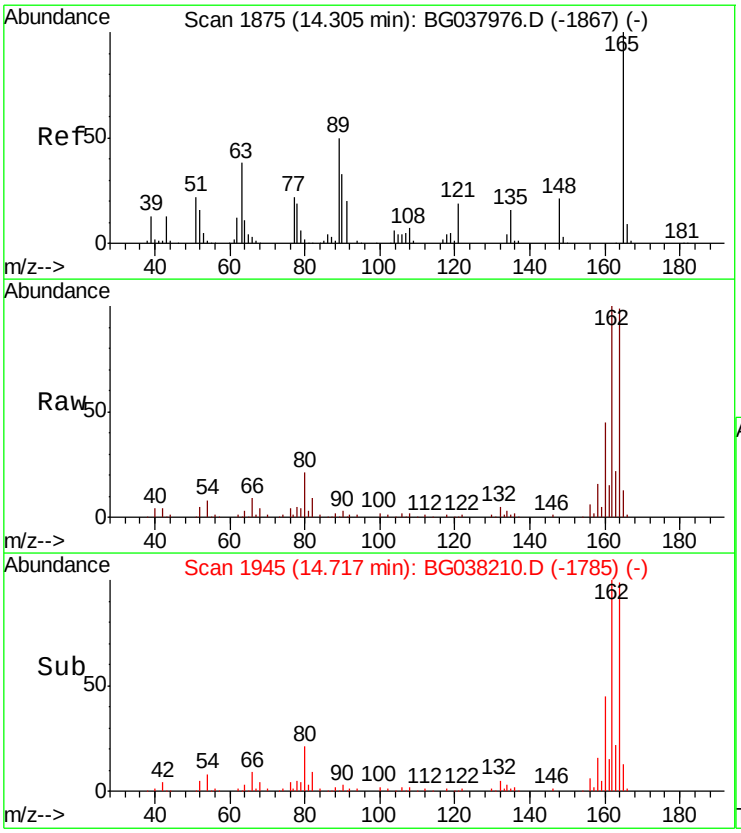
#50
Dimethylphthalate
Concen: 5.346 ng
RT: 14.17 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:163 Resp: 49171

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.0	8.5	12.7

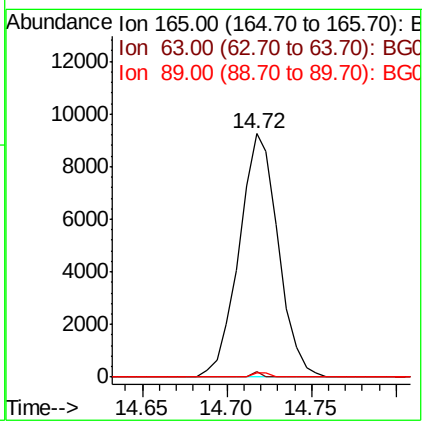


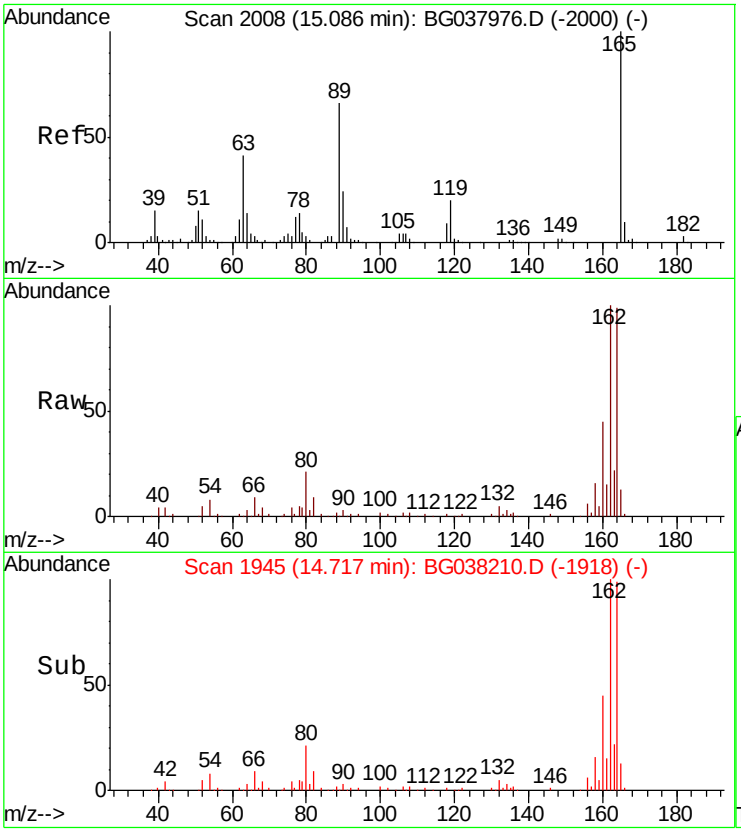


#51
2,6-Dinitrotoluene
Concen: 7.138 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:165 Resp: 14858

Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.4	65.2#
89	1.7	45.8	68.6#



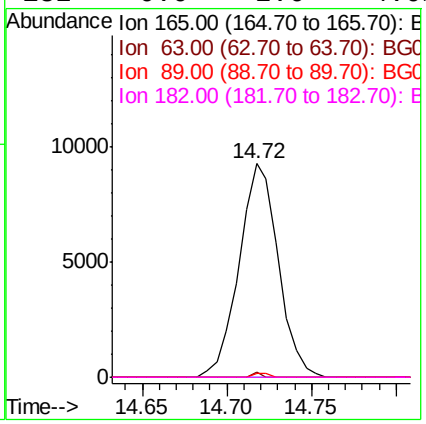


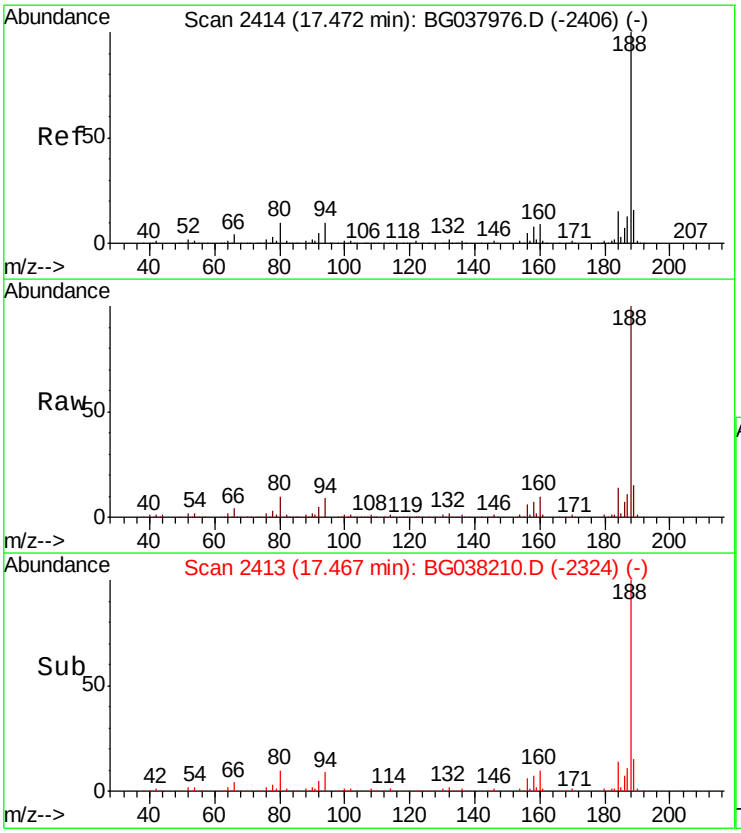
#57
2,4-Dinitrotoluene
Concen: 5.246 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:165 Resp: 14858

Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#

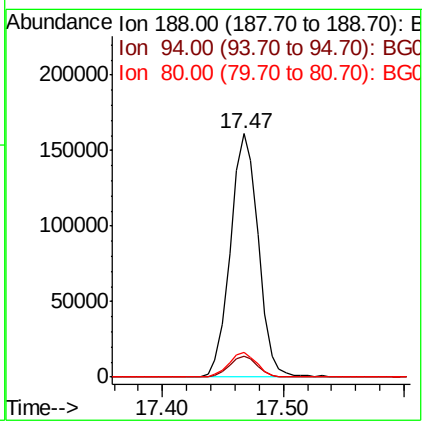


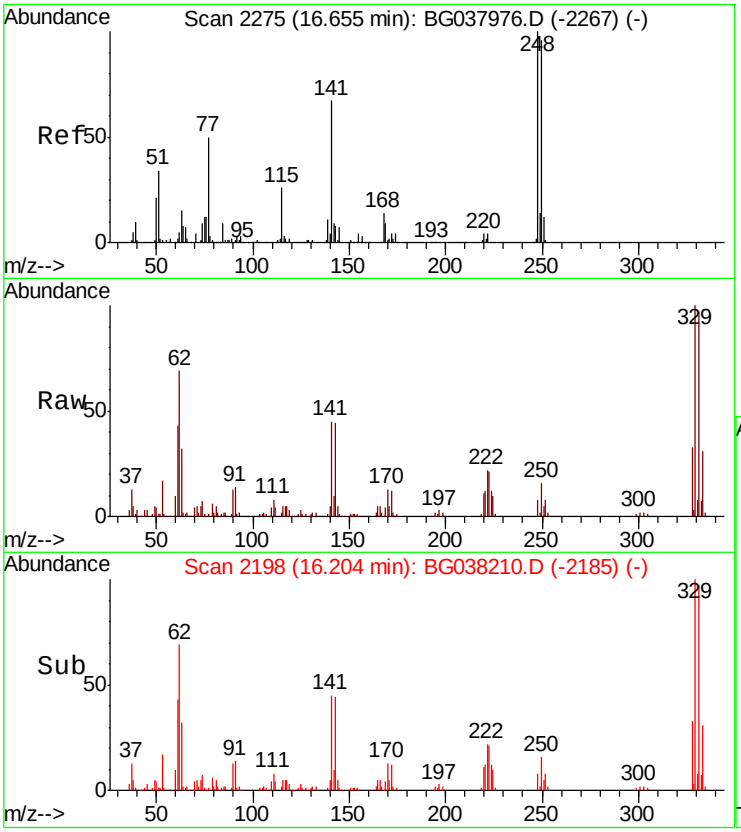


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:188 Resp: 258951

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.1	7.7	11.5



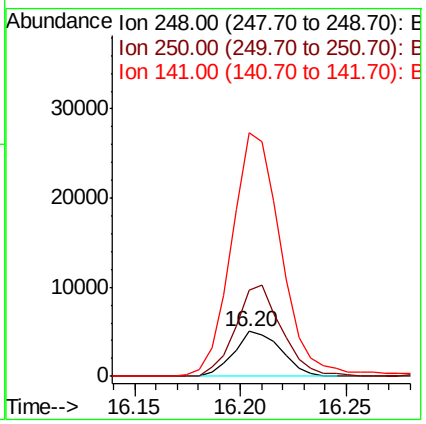


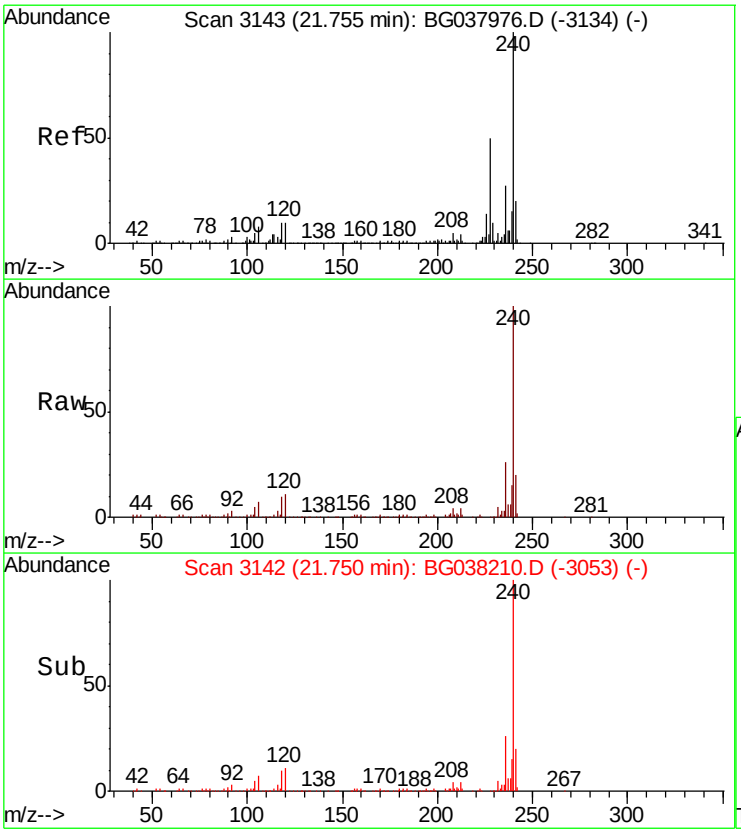
#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:248 Resp: 7676

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.0	115.6#
141	417.8	55.5	83.3#

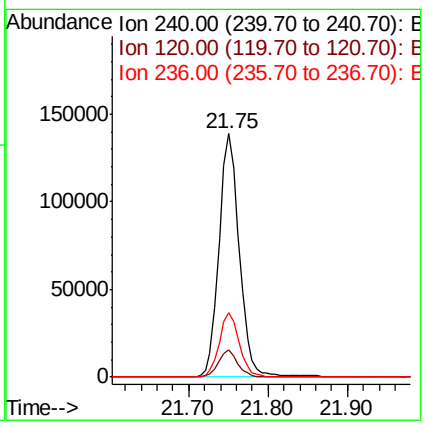


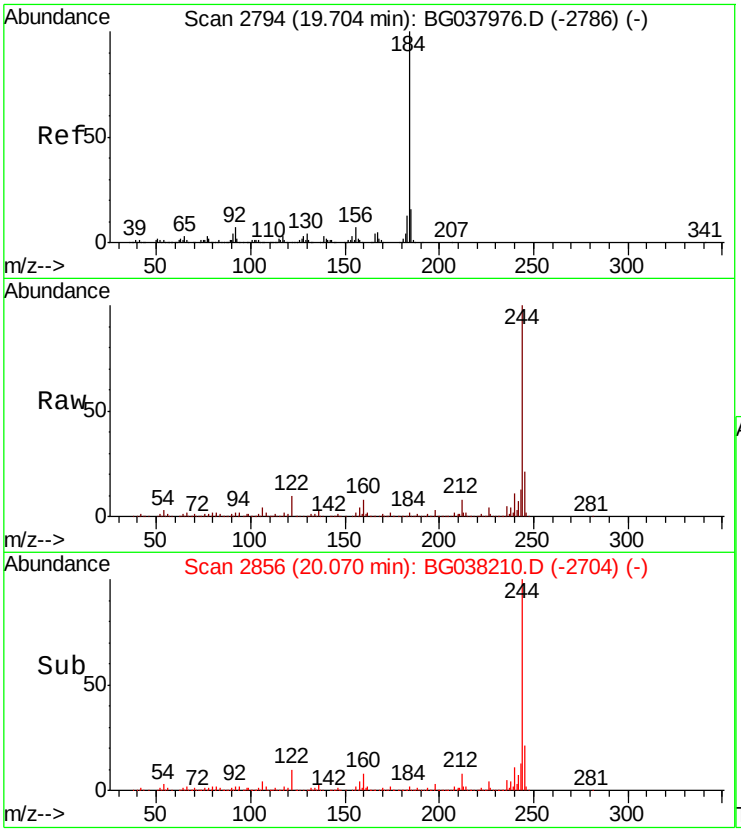


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:240 Resp: 247856

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.4	21.4	32.0



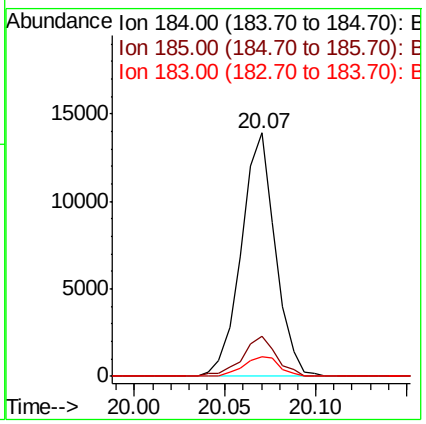


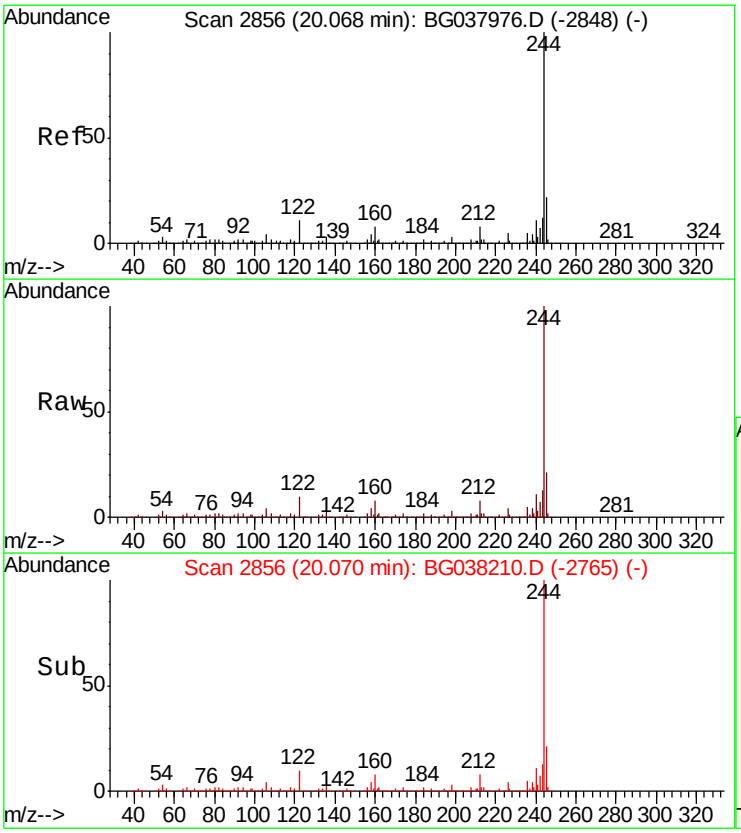
#77
Benzidine
Concen: 2.083 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.37 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:184 Resp: 18115

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	8.1	10.2	15.2#

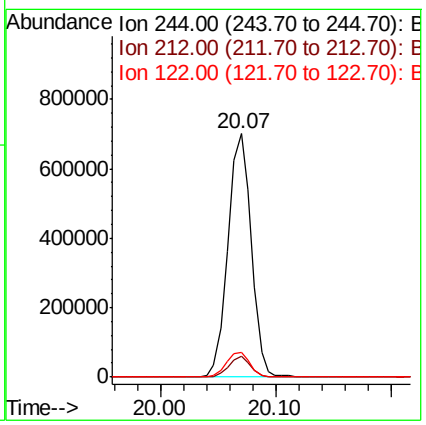


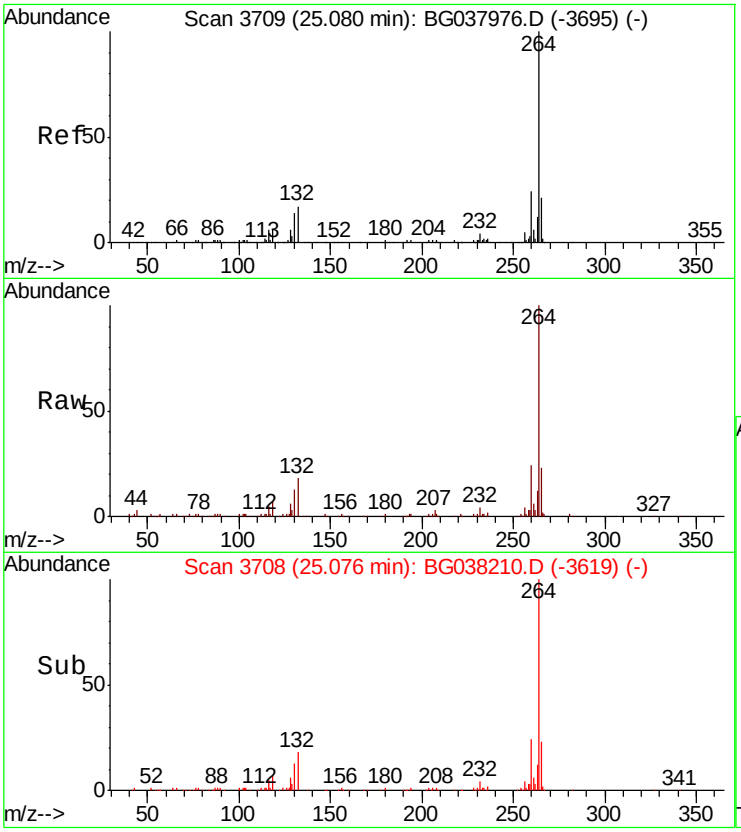


#79
Terphenyl-d14
Concen: 93.031 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:244 Resp: 979946

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.4	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: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tgt Ion:264 Resp: 237781

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.9	17.9	26.9