Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
Data File : BG035671.D
Acq On : 16 Jul 2018 15:59
Operator : JU/SJ
Sample : J3958-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CS-CONCRETE

Quant Time: Jul 16 17:27:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41514	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	166496	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	122096	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	320587	20.00	ng		0.00
75) Chrysene-d12	21.68	240	321300	20.00	ng		0.00
86) Perylene-d12	24.90	264	310673	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	205953	82.37	ng		0.00
7) Phenol-d6	7.23	99	401411	107.60	ng		0.00
23) Nitrobenzene-d5	9.22	82	324345	81.38	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	94422	58.67	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	760095	83.40	ng		0.00
78) Terphenyl-d14	20.03	244	1230894	84.45	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	44357	14.119	ng	#	71
49) Dimethylphthalate	14.12	163	79432	7.425	ng		98
53) 2,4-Dinitrophenol	14.68	184	59	6.631	ng	#	63
56) 2,4-Dinitrotoluene	14.67	165	16836	5.387	ng	#	19
66) 4-Bromophenyl-phenylether	16.17	248	7831	2.105	ng	#	1
76) Benzidine	20.03	184	21805	2.581	ng	#	89

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

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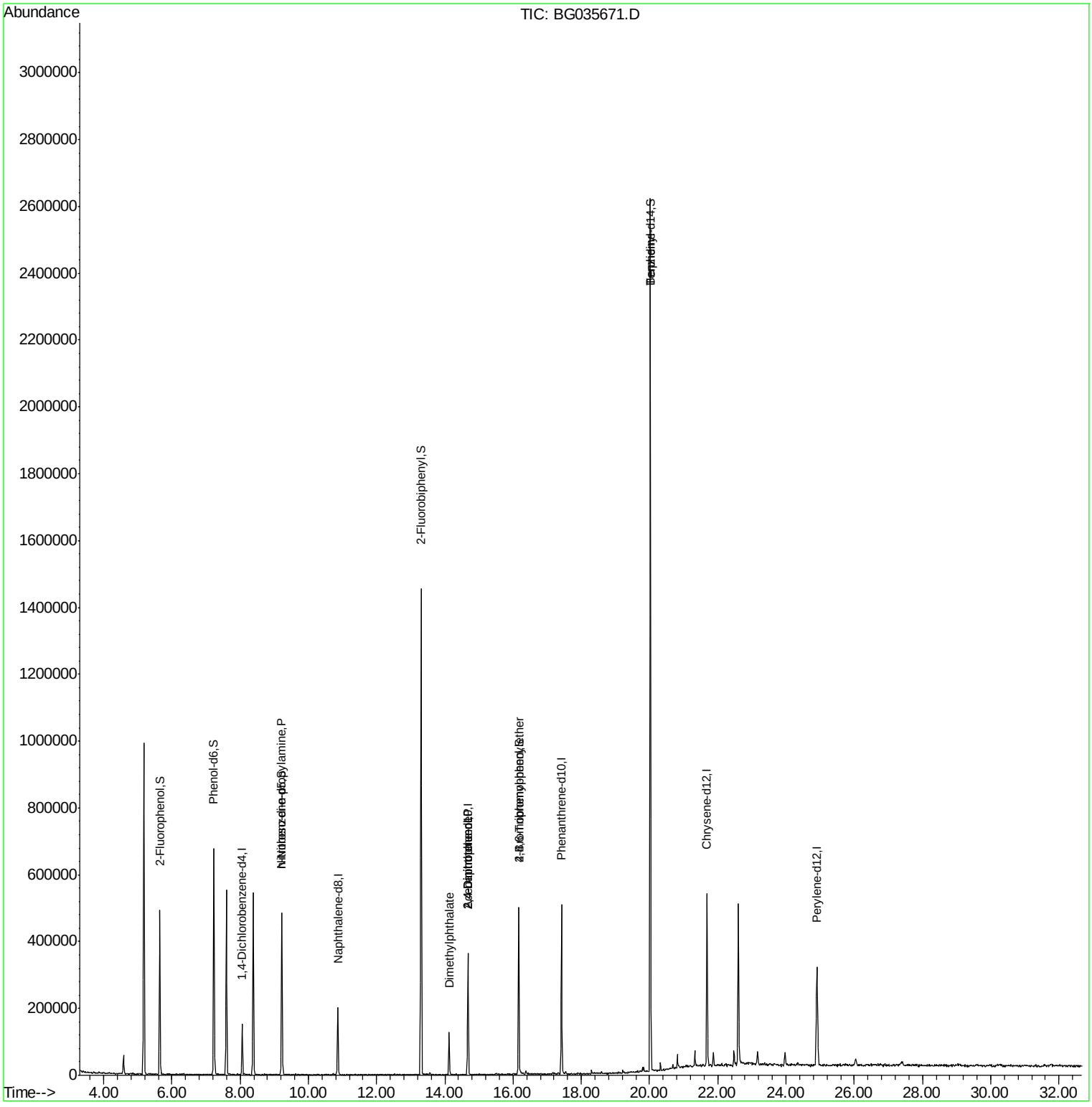
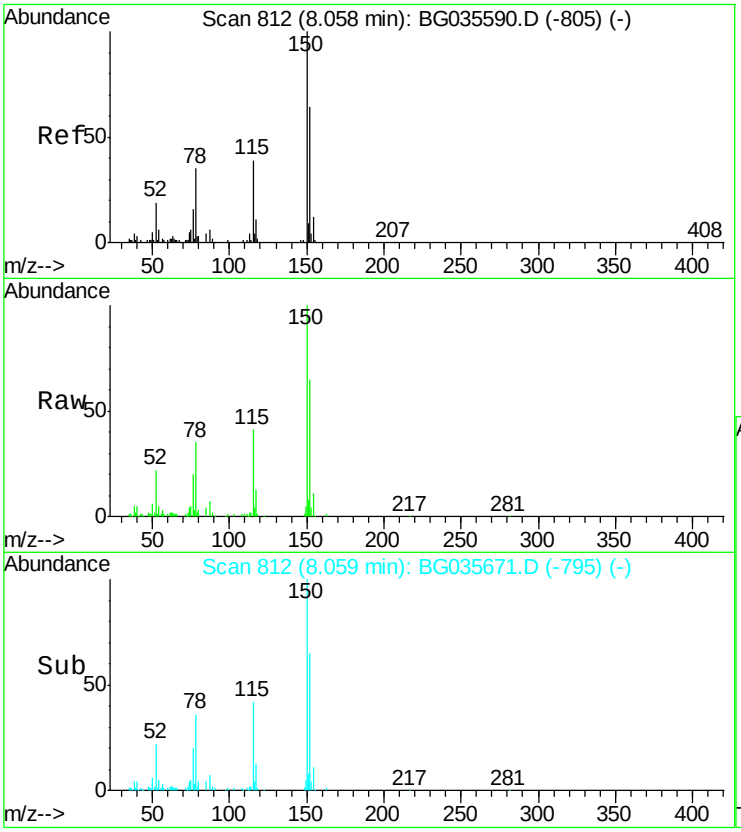


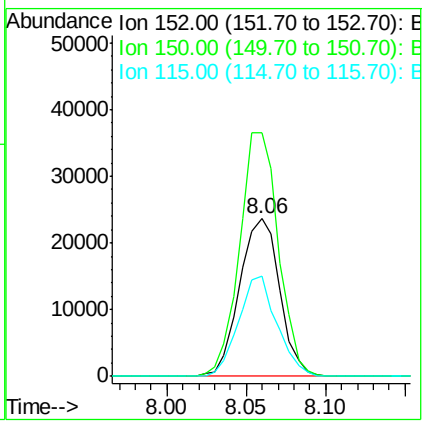


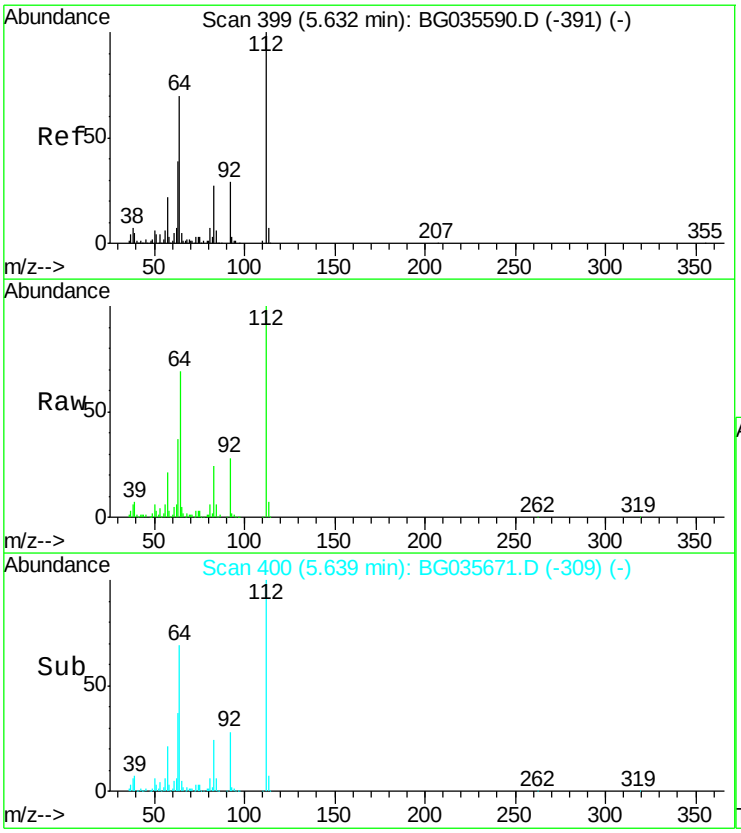
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:152 Resp: 41514

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	63.7	53.0	79.4

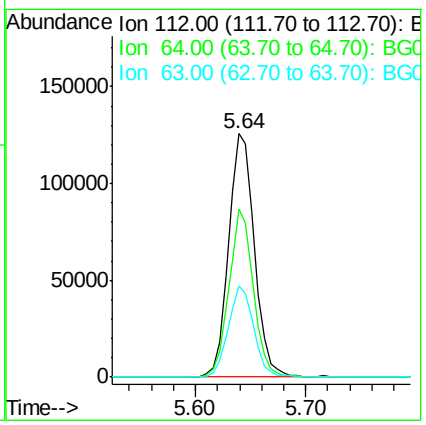


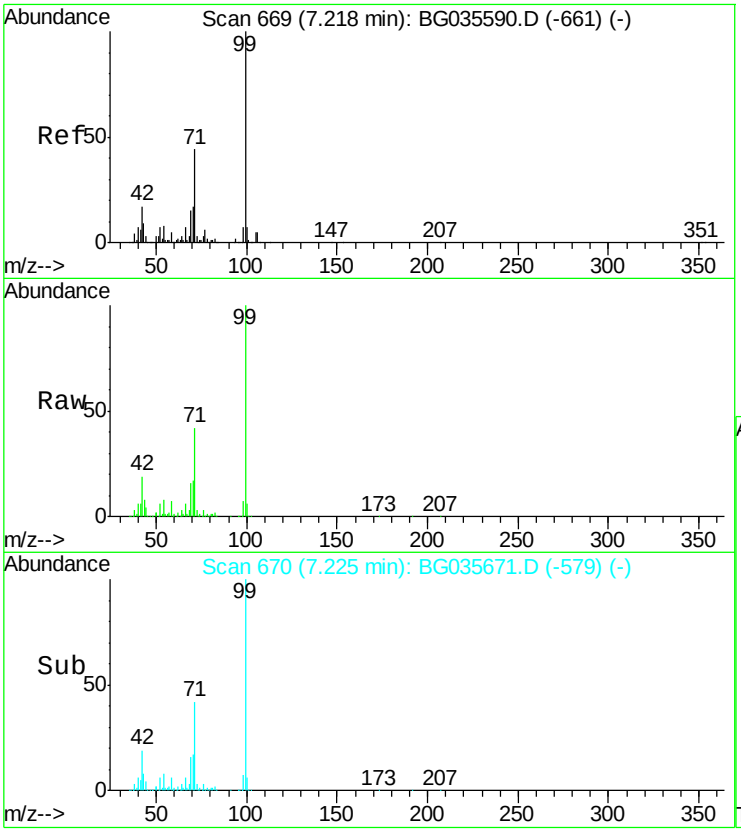


#5
2-Fluorophenol
Concen: 82.365 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:112 Resp: 205953

Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.3	84.5
63	37.4	30.1	45.1



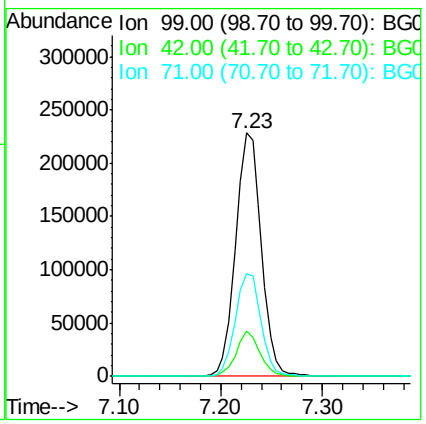


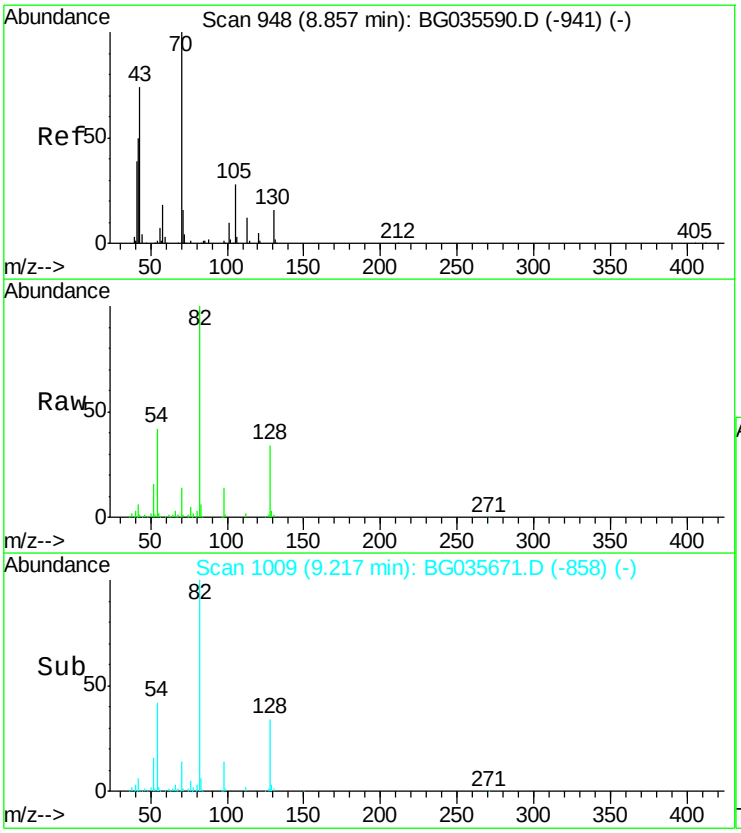
#7
Phenol-d6
Concen: 107.597 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion: 99 Resp: 401411

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.1	21.1
71	42.2	26.1	39.1#

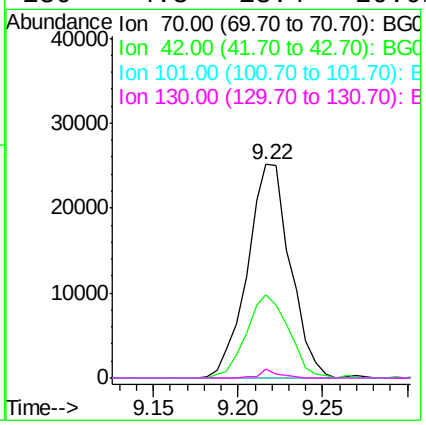


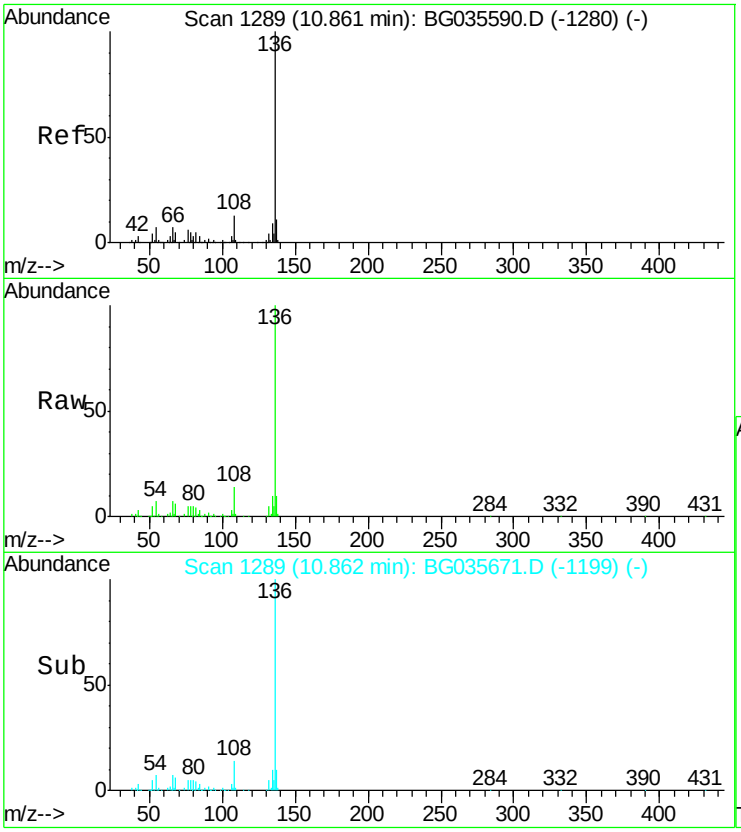


#19
n-Nitroso-di-n-propylamine
Concen: 14.119 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion: 70 Resp: 44357

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.1	73.7#
101	0.0	8.5	12.7#
130	4.3	13.4	20.0#



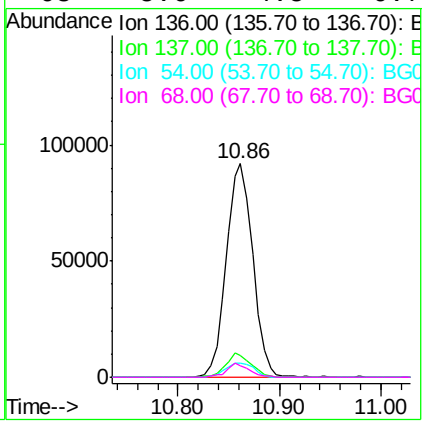


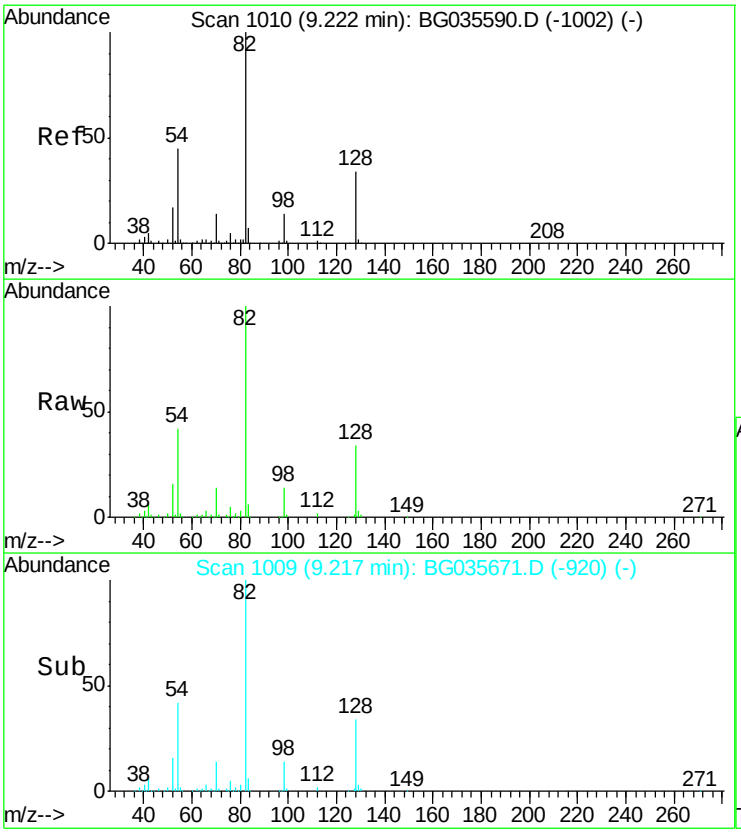
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:136 Resp: 166496

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7

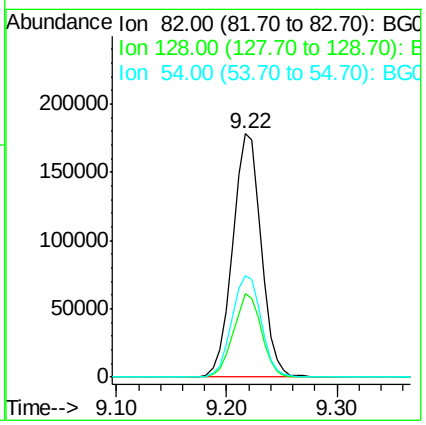


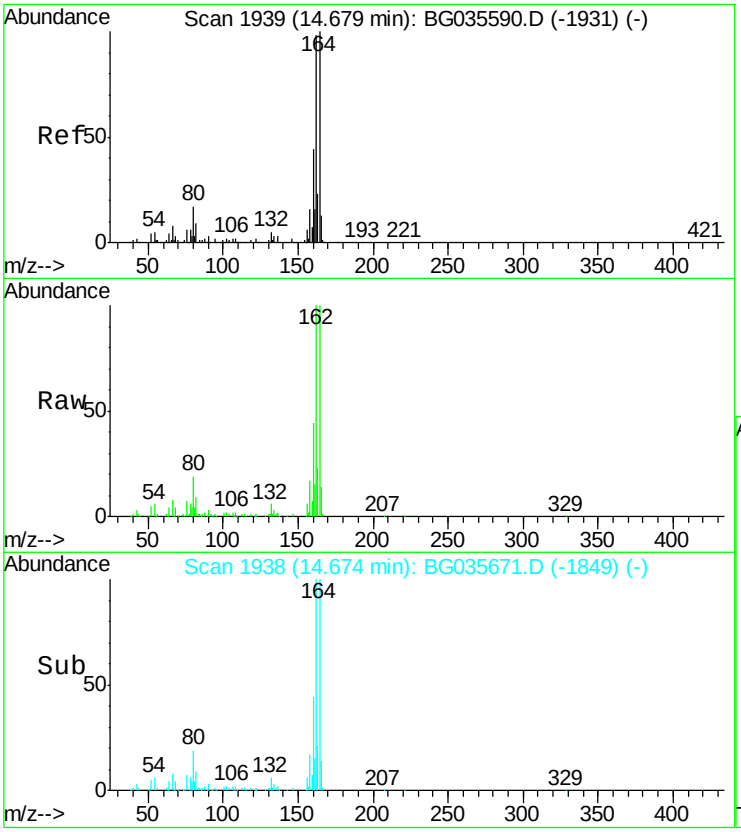


#23
Nitrobenzene-d5
Concen: 81.380 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion: 82 Resp: 324345

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	41.9	43.1	64.7#



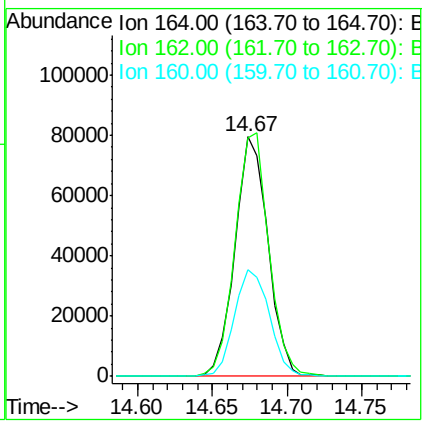


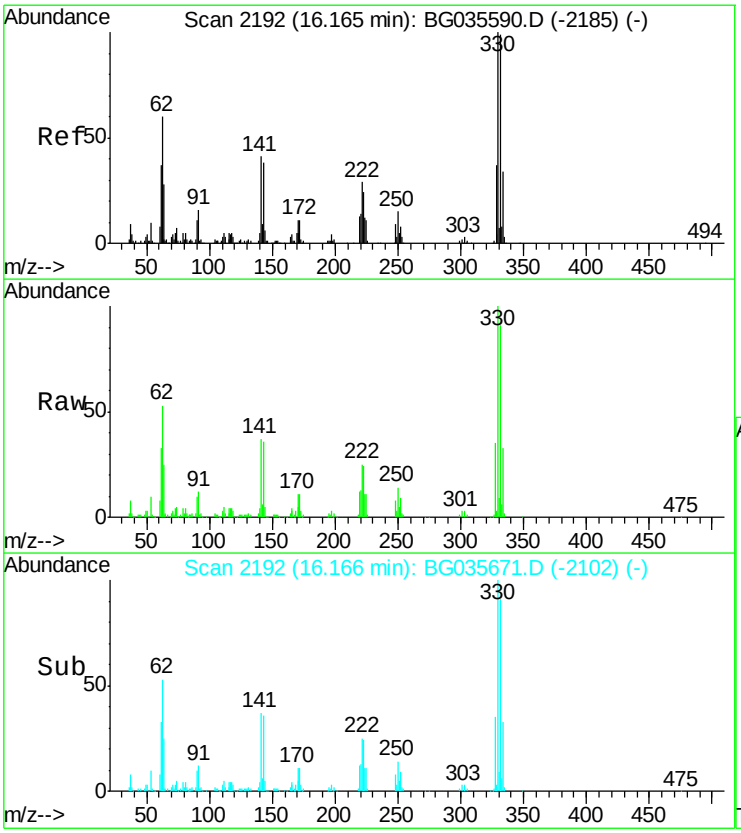
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:164 Resp: 122096

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	44.4	35.4	53.0

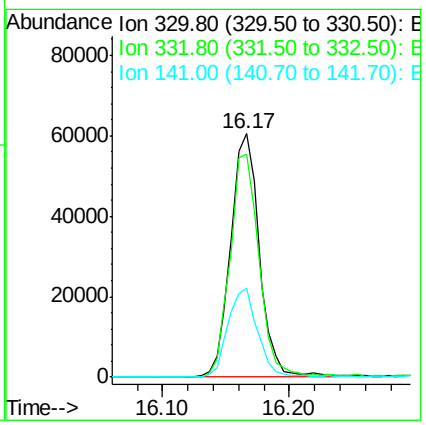


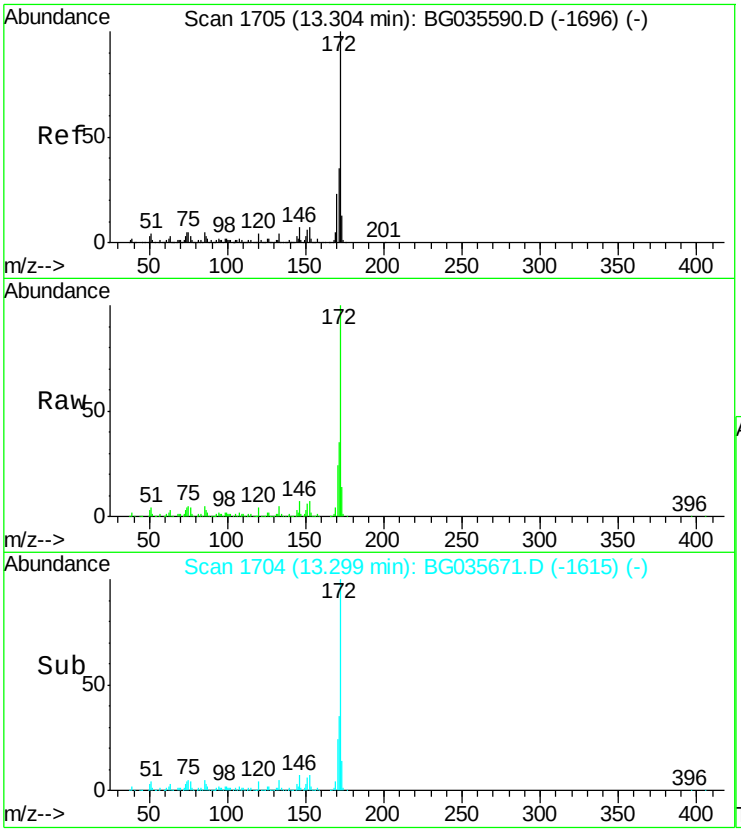


#41
2,4,6-Tribromophenol
Concen: 58.673 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:330 Resp: 94422

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	37.5	25.2	37.8



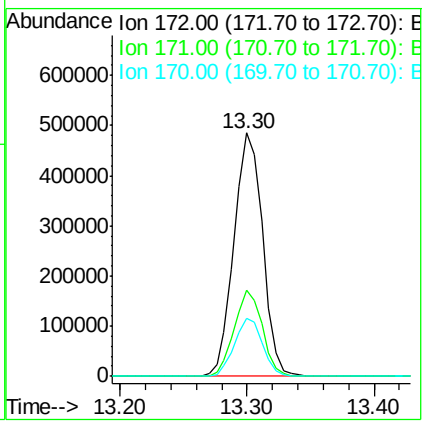


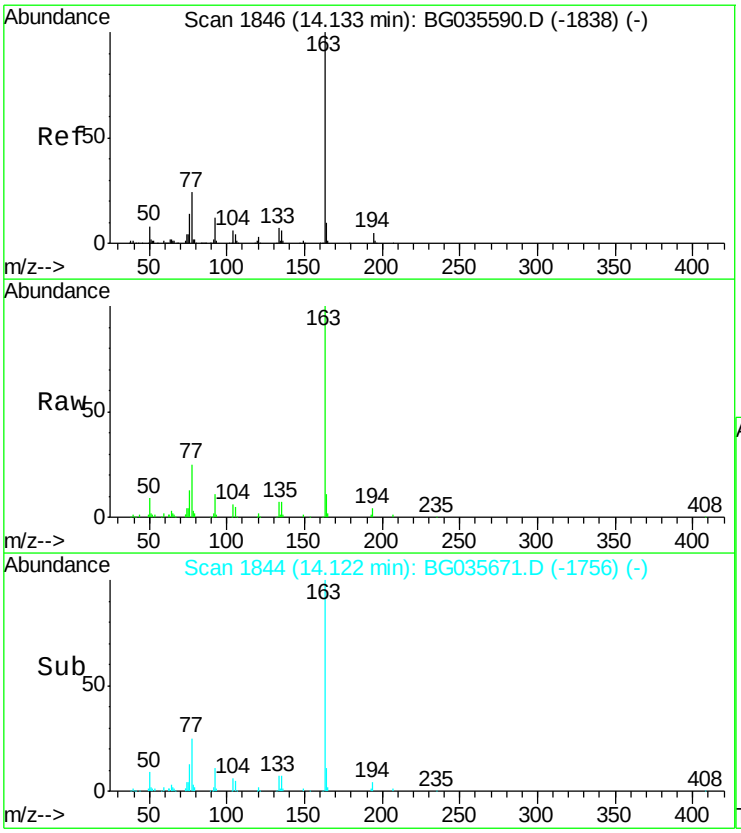
#44
2-Fluorobiphenyl
Concen: 83.404 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:172 Resp: 760095

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.6	19.5	29.3

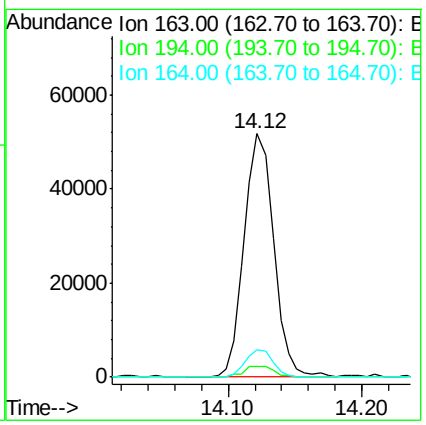


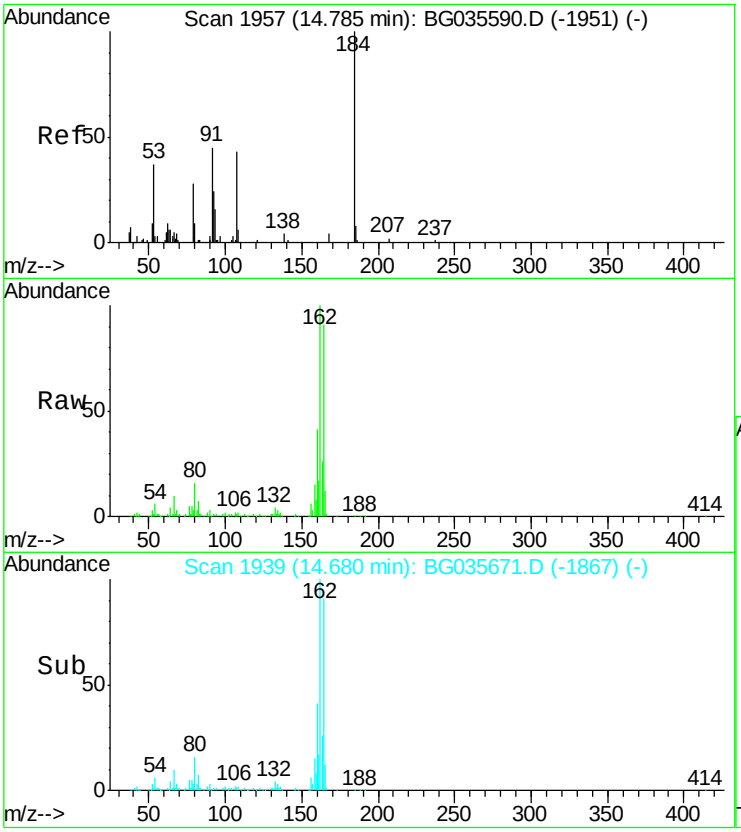


#49
Dimethylphthalate
Concen: 7.425 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:163 Resp: 79432

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	11.4	8.2	12.4



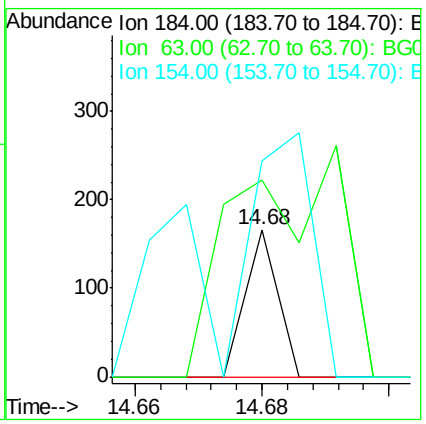


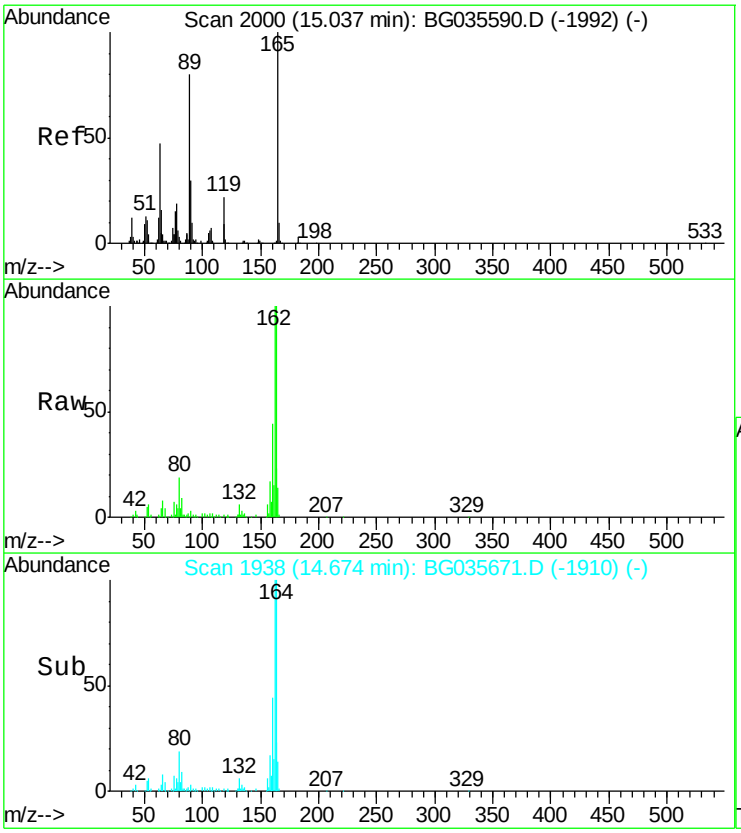
#53
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.10 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	134.3	59.8	89.8#
154	147.0	101.8	152.8

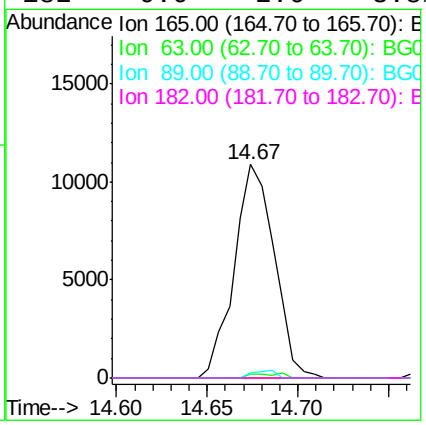


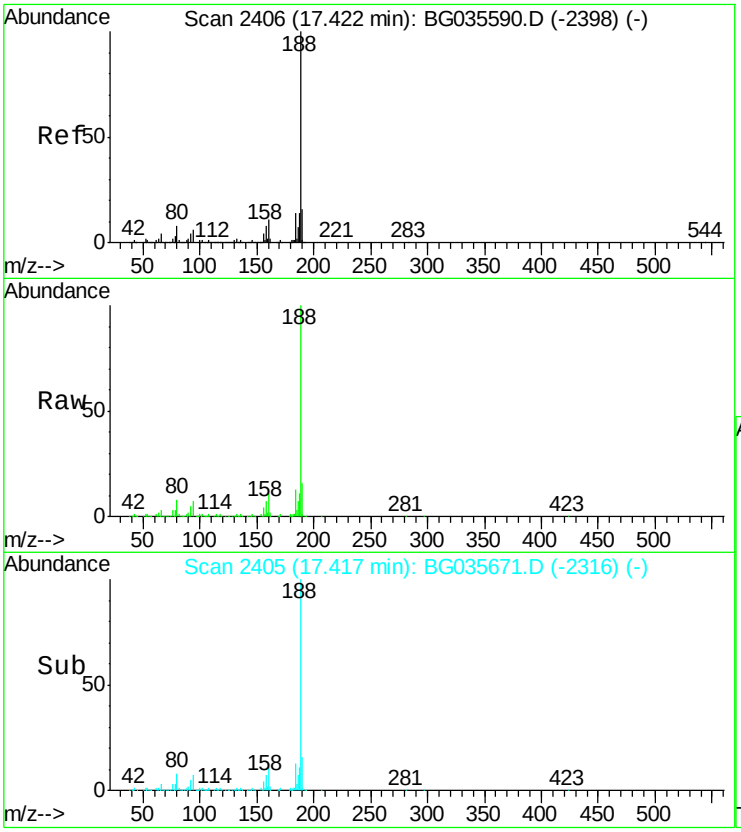


#56
2,4-Dinitrotoluene
Concen: 5.387 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:165 Resp: 16836

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#



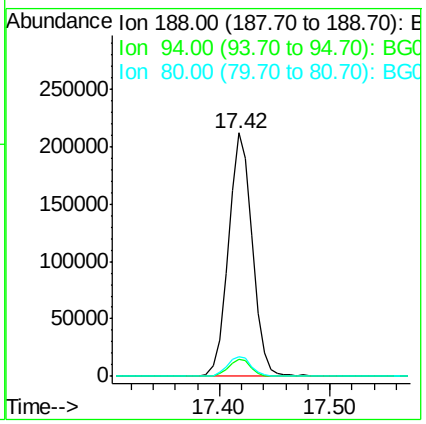


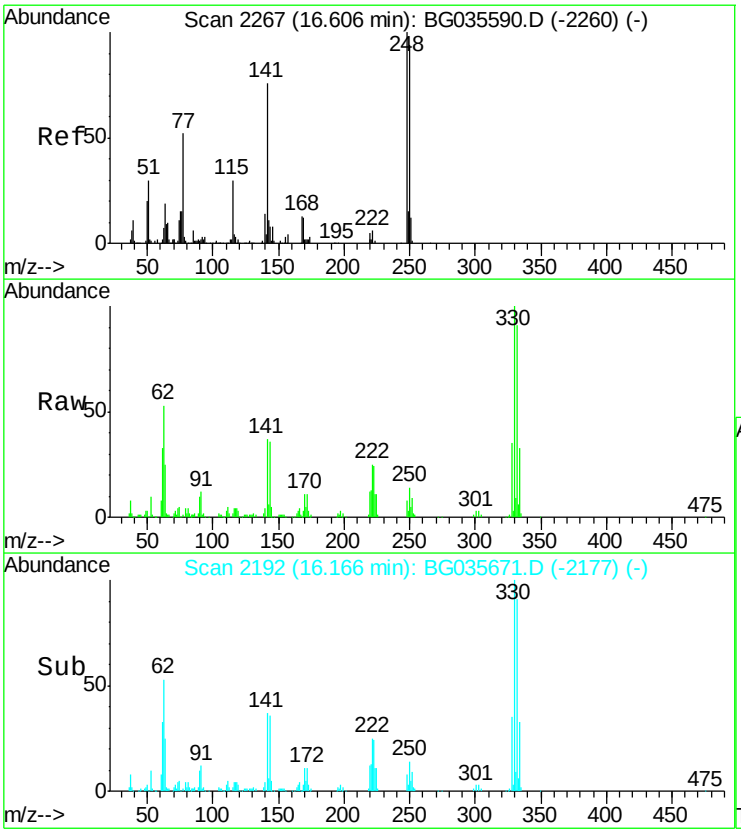
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:188 Resp: 320587

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5

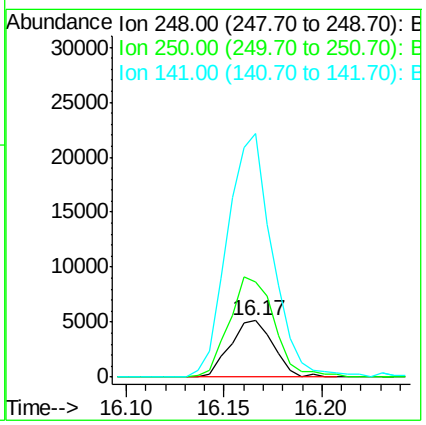


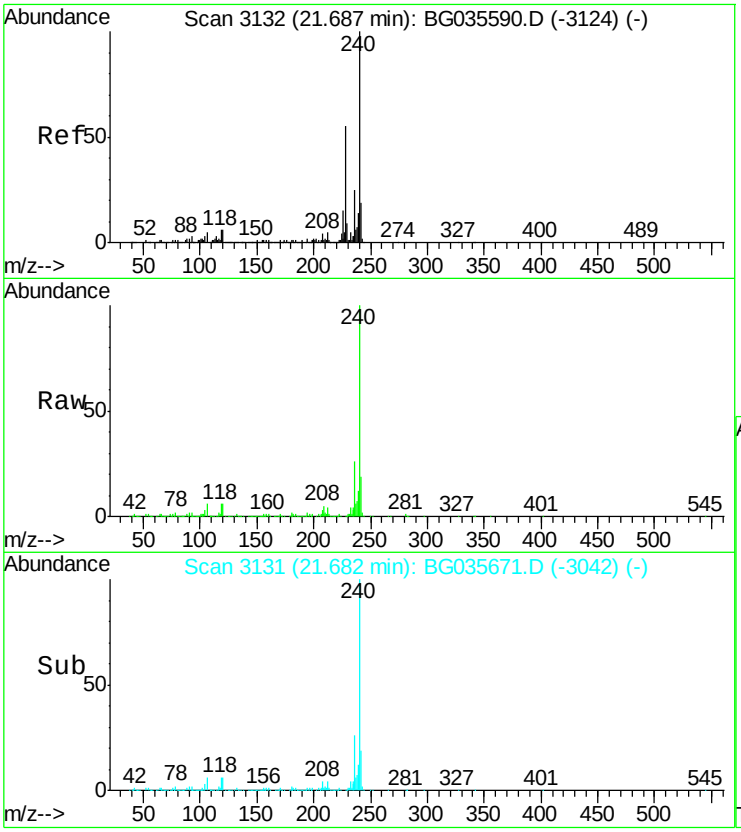


#66
4-Bromophenyl-phenylether
Concen: 2.105 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:248 Resp: 7831

Ion	Ratio	Lower	Upper
248	100		
250	168.4	77.1	115.7#
141	431.4	50.8	76.2#



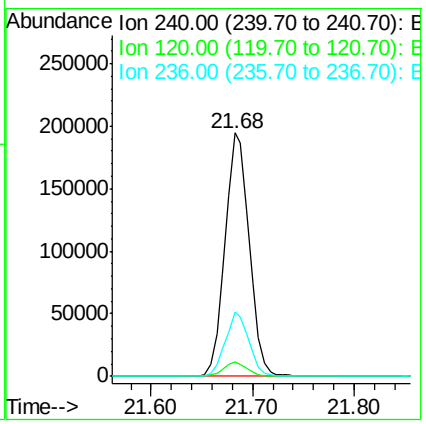


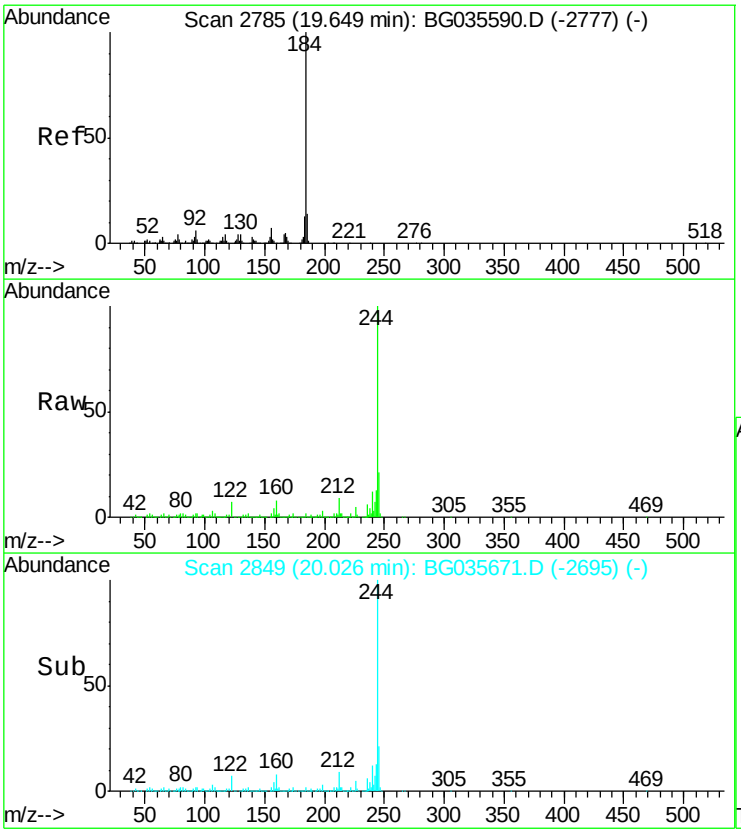
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:240 Resp: 321300

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.2	20.9	31.3

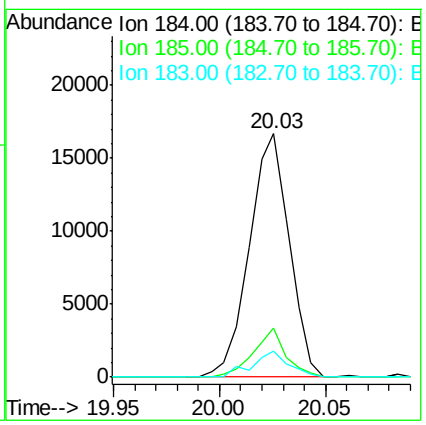


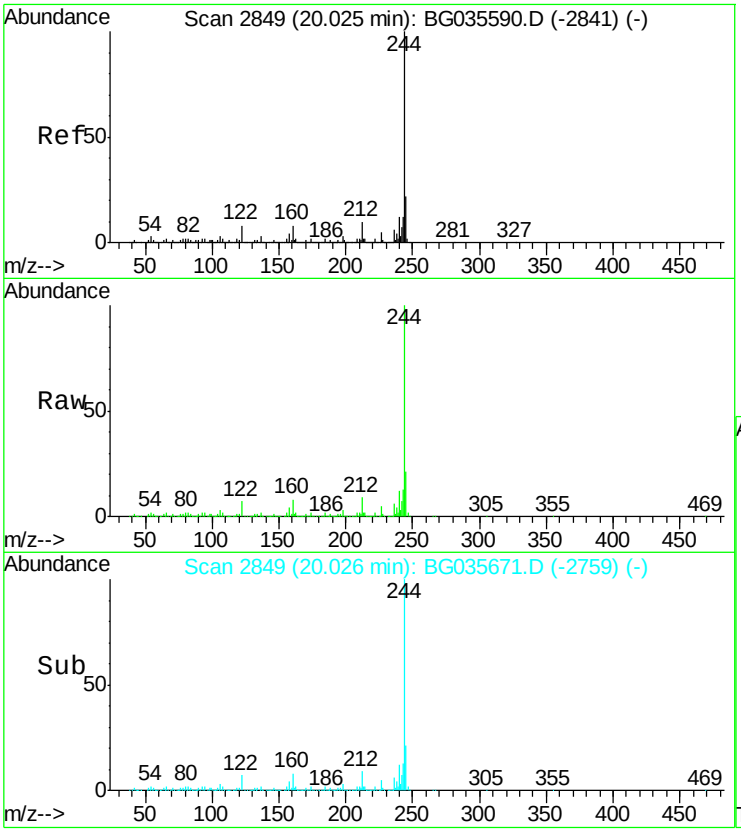


#76
Benzidine
Concen: 2.581 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:184 Resp: 21805

Ion	Ratio	Lower	Upper
184	100		
185	20.2	11.1	16.7#
183	10.5	10.6	16.0#



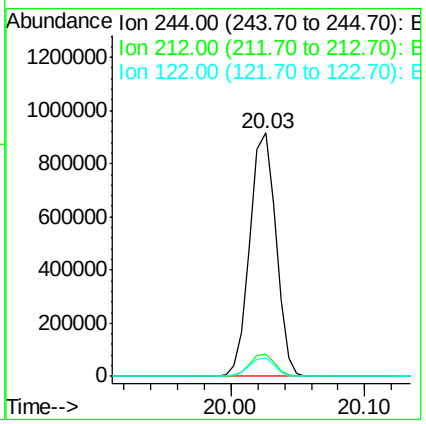


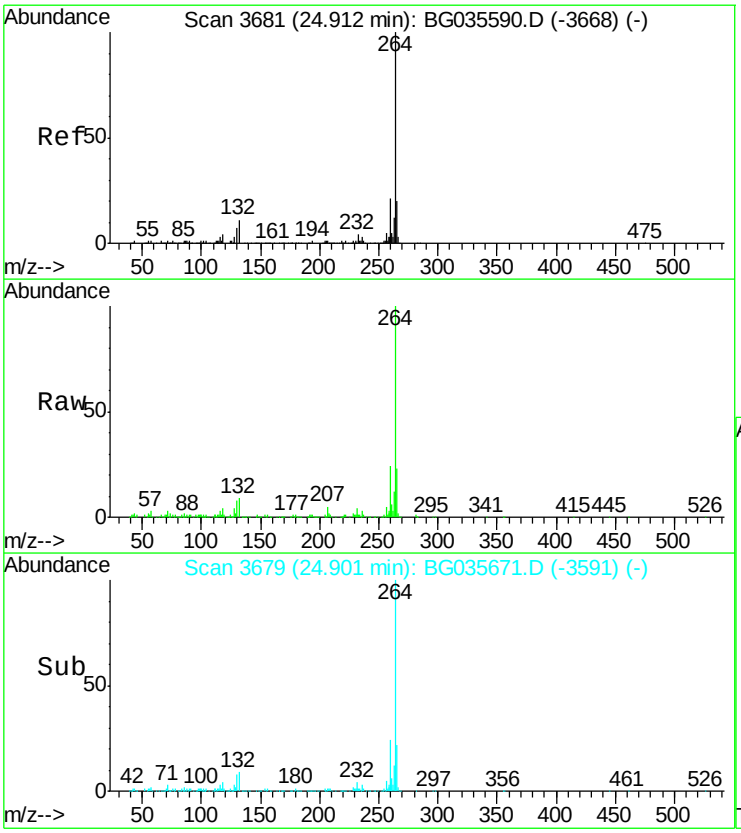
#78
Terphenyl-d14
Concen: 84.446 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tgt Ion:244 Resp: 1230894

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Tgt Ion:264 Resp: 310673

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.6	17.7	26.5