Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036293.D
Acq On : 11 Aug 2018 8:31
Operator : JU/SJ
Sample : J4417-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL/CUTTINGS

Quant Time: Aug 13 00:48:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25637	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	91156	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	63837	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	173669	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	185177	20.00	ng	-0.02
86) Perylene-d12	24.84	264	151622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	222236	143.92	ng	-0.01
7) Phenol-d6	7.18	99	282139	122.46	ng	-0.01
23) Nitrobenzene-d5	9.16	82	241043	110.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	131937	156.80	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	546933	114.78	ng	-0.02
78) Terphenyl-d14	19.98	244	1056548	125.77	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.32	79	4642	2.219	ng	# 47
19) n-Nitroso-di-n-propylamine	9.17	70	34105	17.579	ng	# 67
50) 2,6-Dinitrotoluene	14.63	165	8750	7.682	ng	# 23
56) 2,4-Dinitrotoluene	14.63	165	8750	5.355	ng	# 21
66) 4-Bromophenyl-phenylether	16.13	248	9981	4.954	ng	# 1
76) Benzidine	19.98	184	19069	3.917	ng	# 90

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

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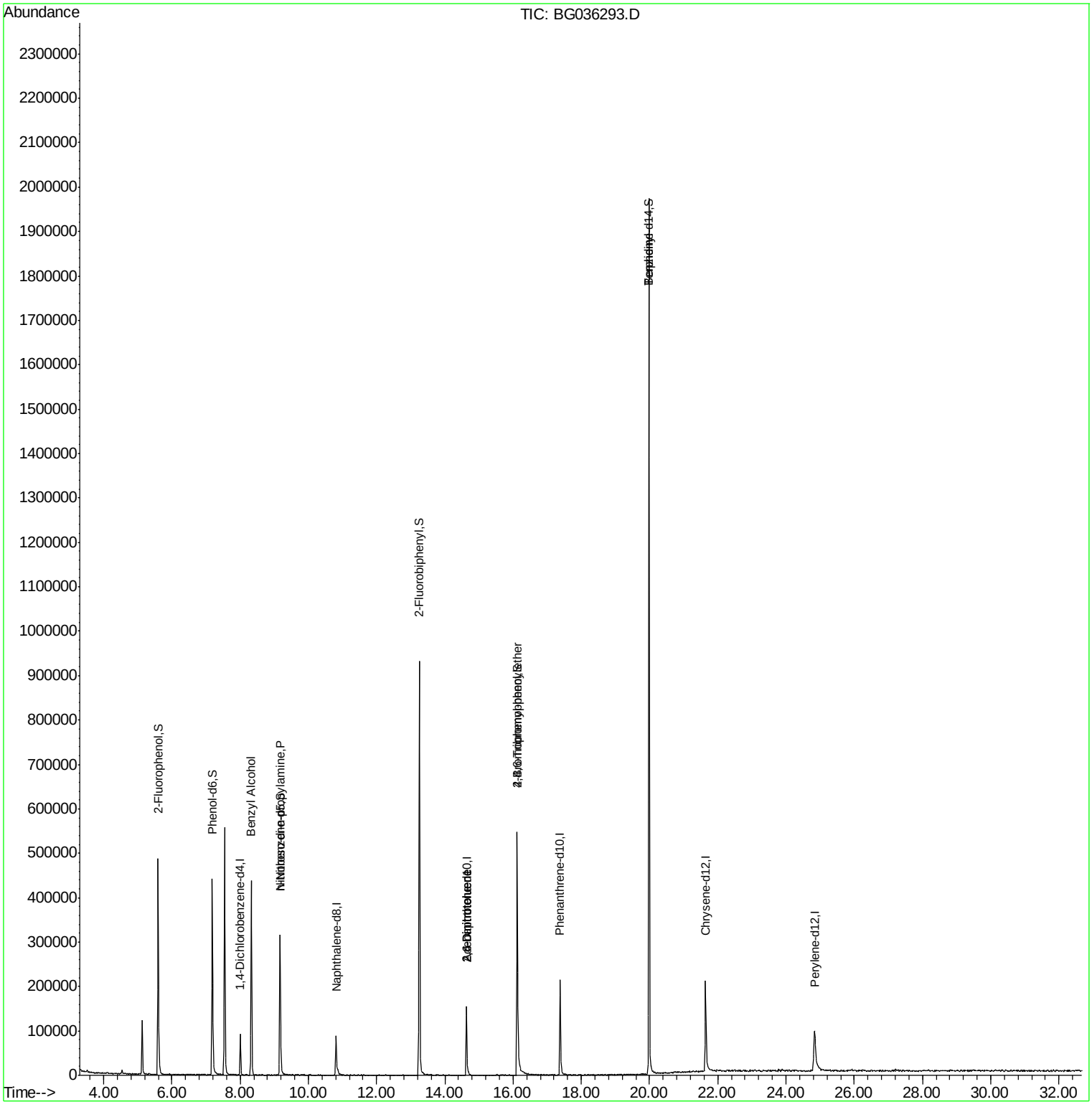
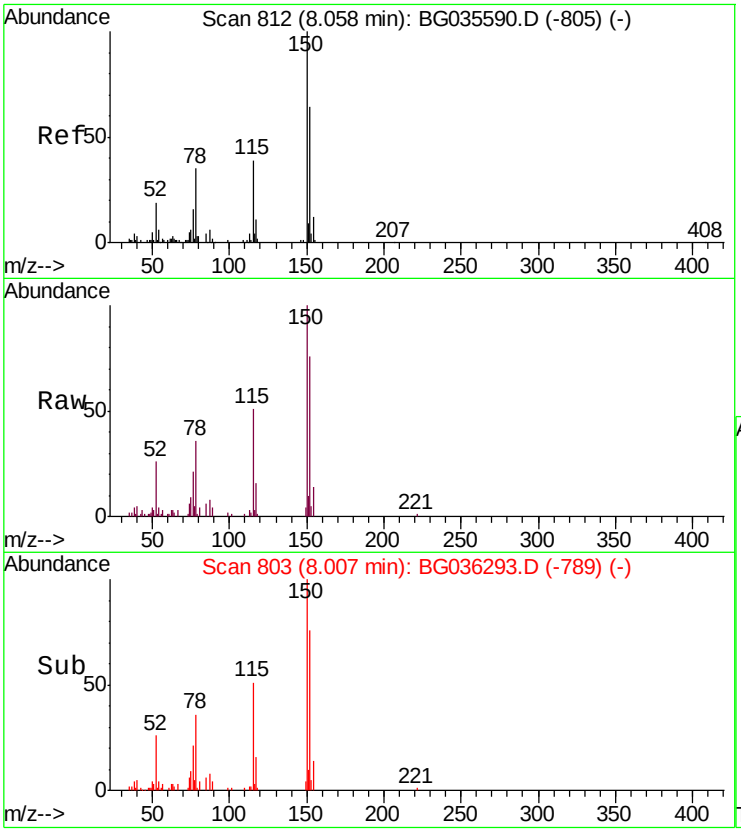


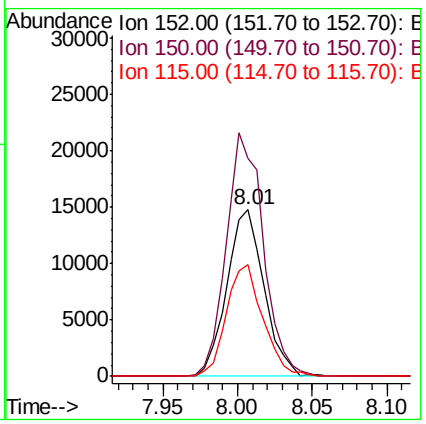


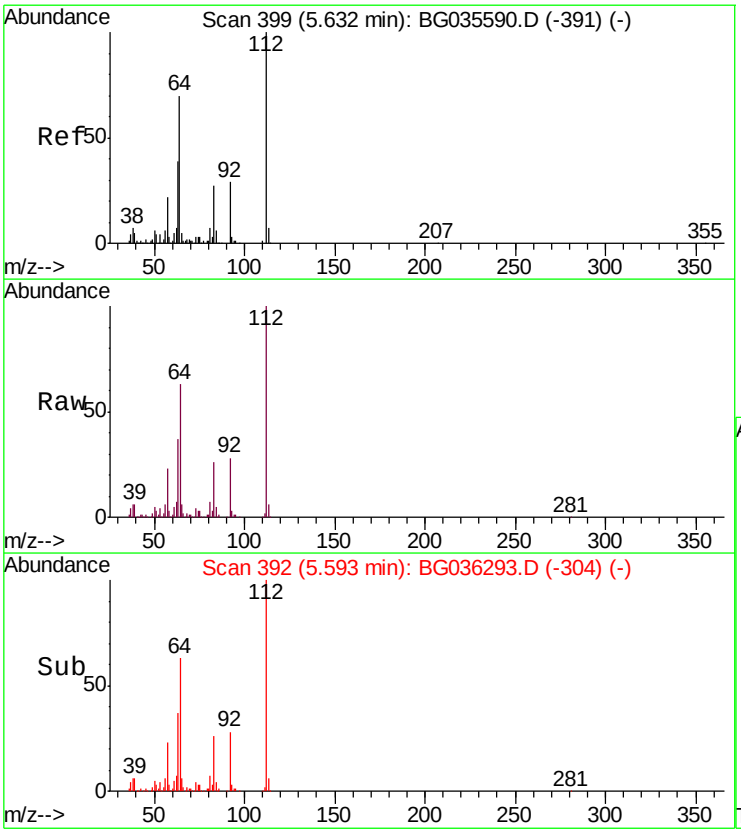
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:152 Resp: 25637

Ion	Ratio	Lower	Upper
152	100		
150	131.2	126.6	189.8
115	67.2	53.0	79.4

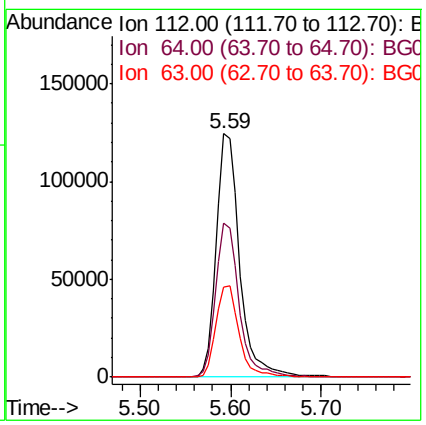


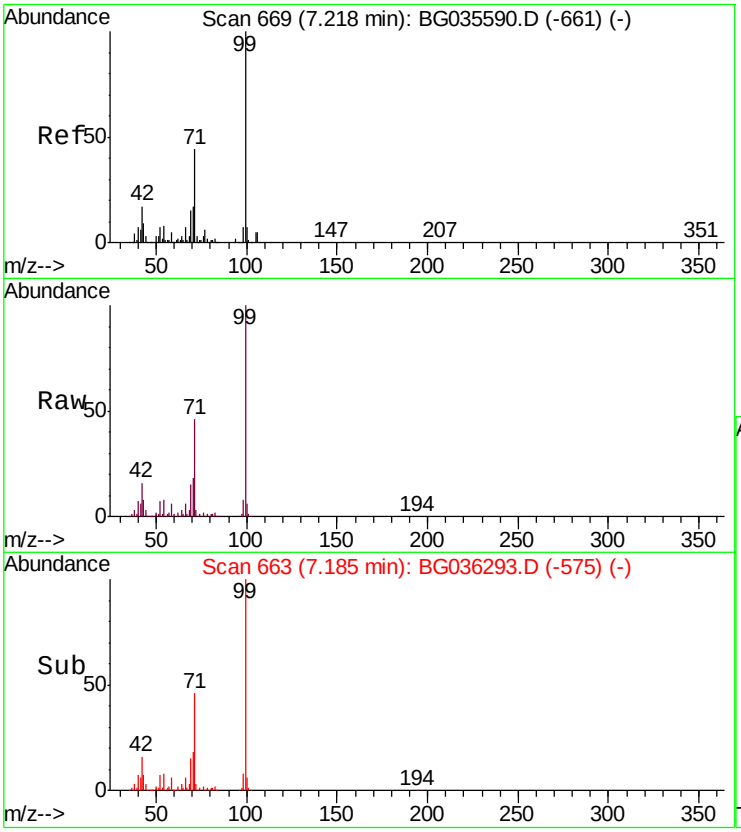


#5
2-Fluorophenol
Concen: 143.919 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:112 Resp: 222236

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	37.1	30.1	45.1



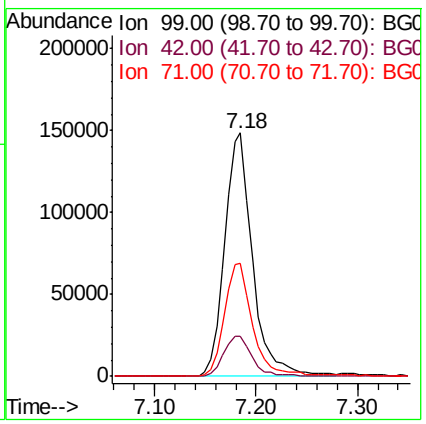


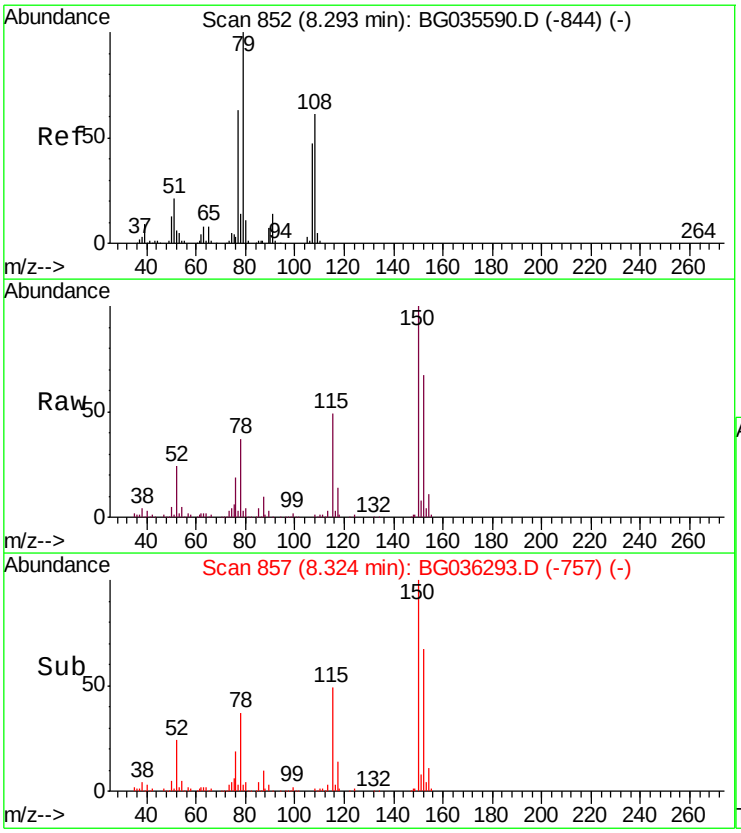
#7
Phenol-d6
Concen: 122.462 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion: 99 Resp: 282139

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	46.3	26.1	39.1#

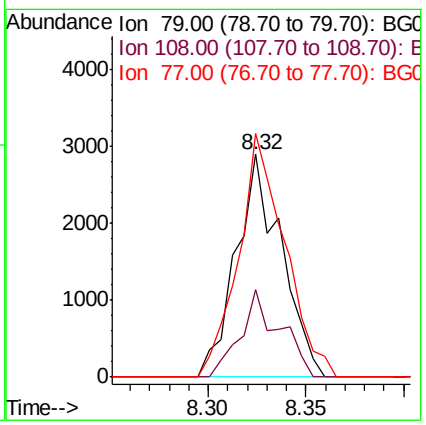


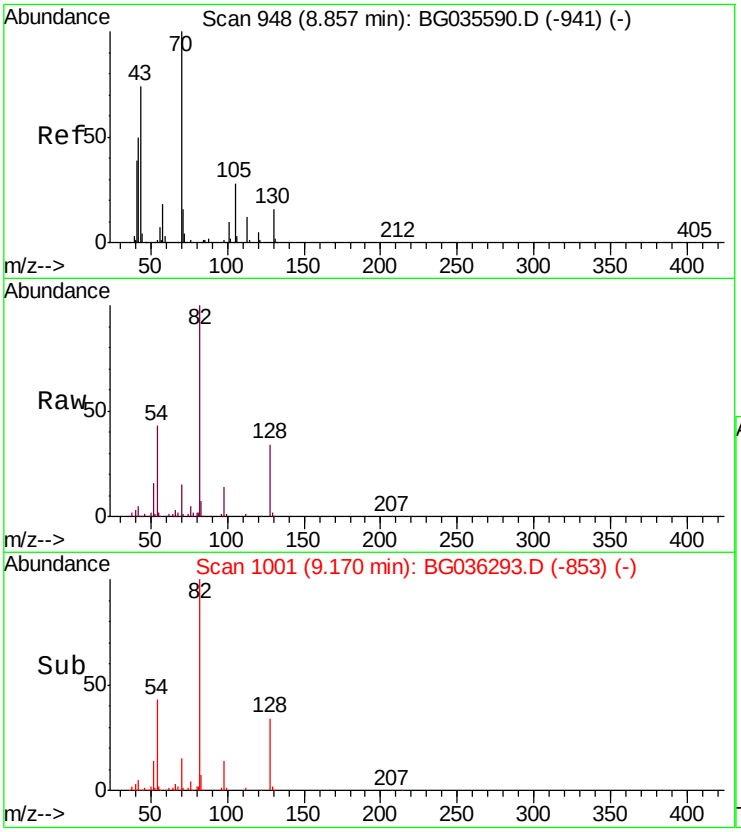


#15
Benzyl Alcohol
Concen: 2.219 ng
RT: 8.32 min Scan# 857
Delta R.T. 0.06 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion: 79 Resp: 4642

Ion	Ratio	Lower	Upper
79	100		
108	39.2	57.2	85.8#
77	109.3	46.1	69.1#



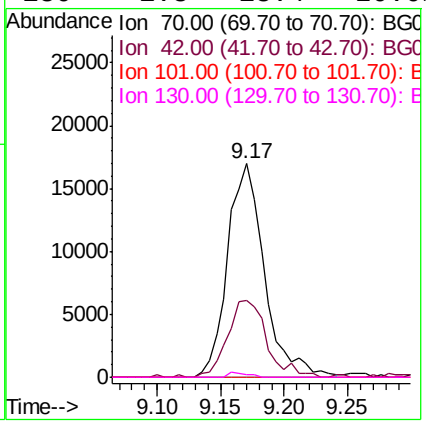


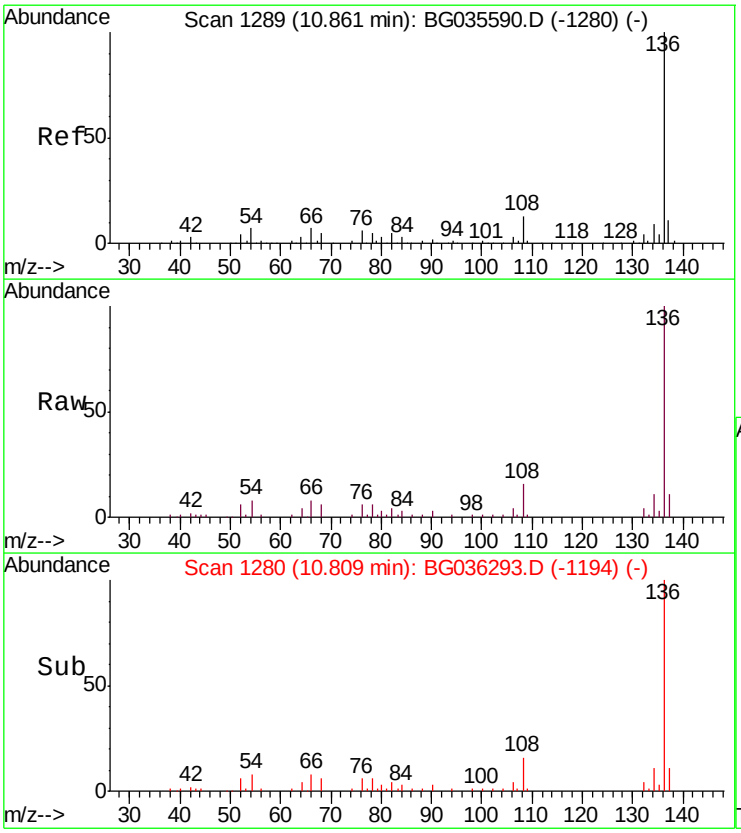
#19
n-Nitroso-di-n-propylamine
Concen: 17.579 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion: 70 Resp: 34105

Ion	Ratio	Lower	Upper
70	100		
42	35.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#

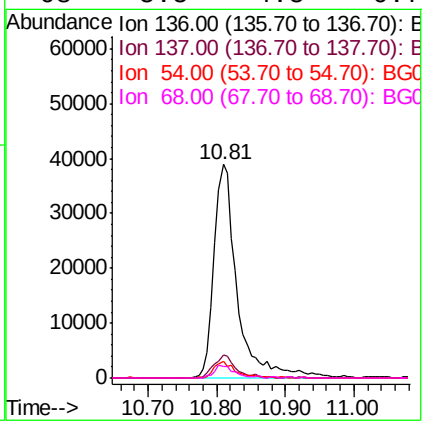


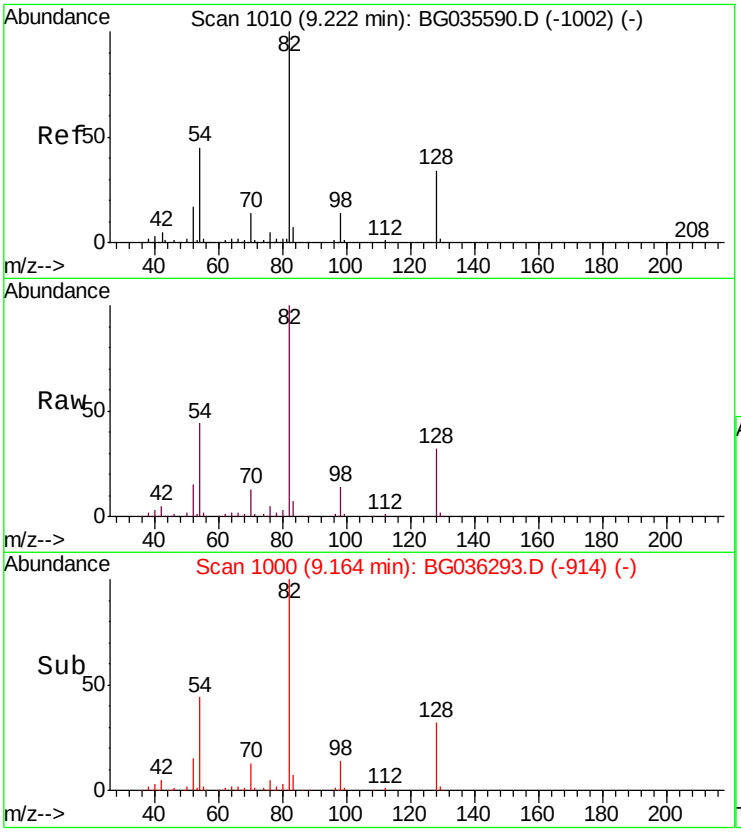


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:136 Resp: 91156

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	10.3	15.5#
68	5.5	4.5	6.7



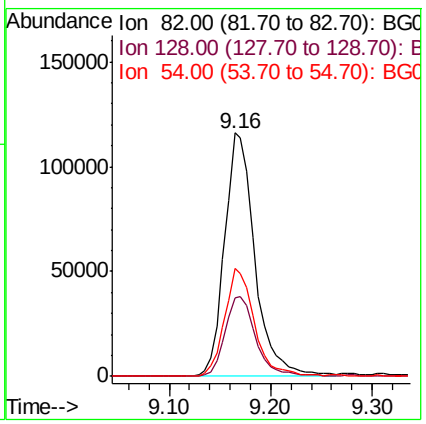


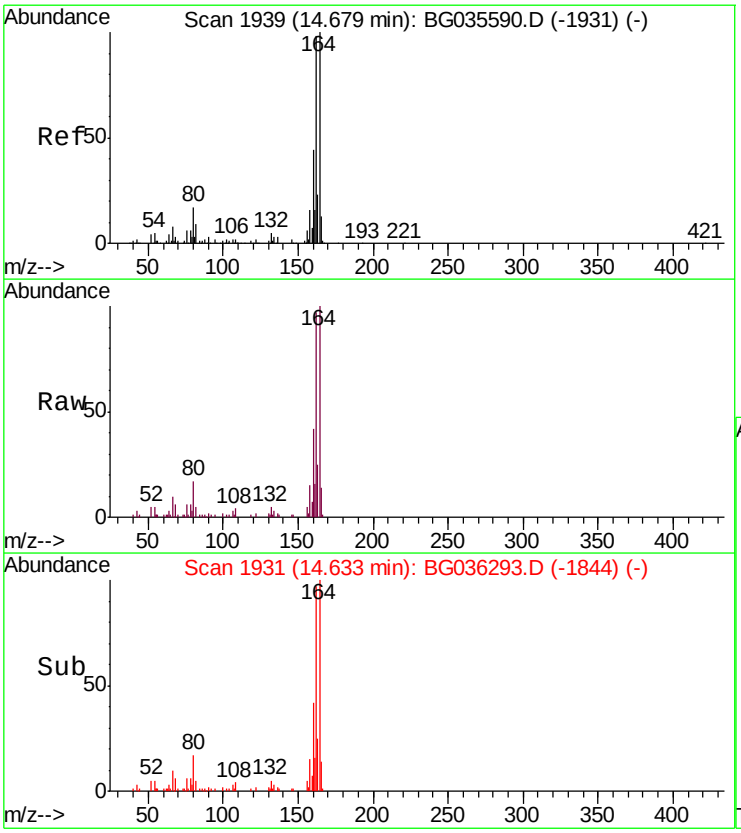
#23
Nitrobenzene-d5
Concen: 110.465 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion: 82 Resp: 241043

Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.7	44.5
54	44.1	43.1	64.7

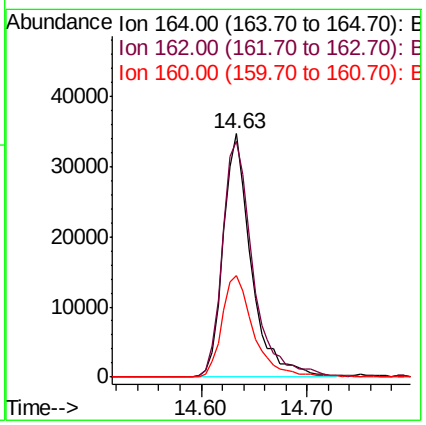


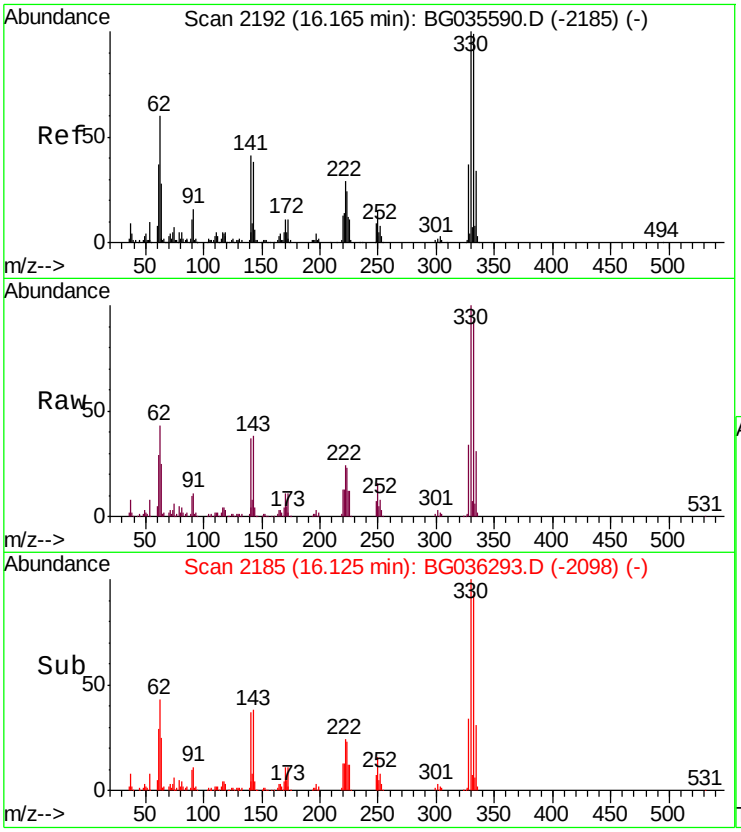


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:164 Resp: 63837

Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	41.6	35.4	53.0



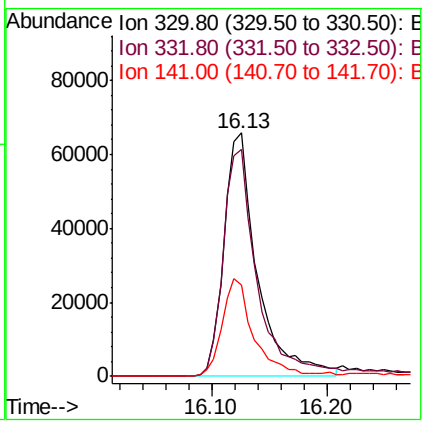


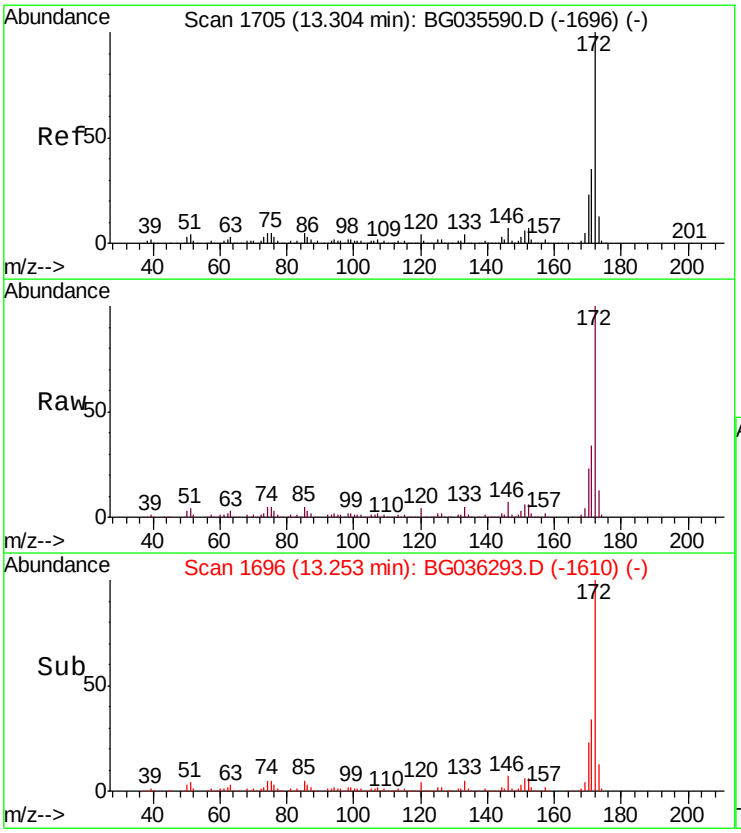
#41
2,4,6-Tribromophenol
Concen: 156.804 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:330 Resp: 131937

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.8	25.2	37.8

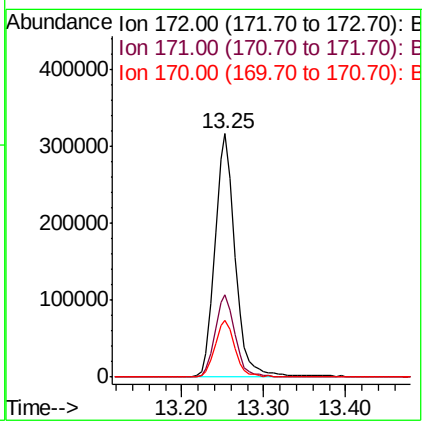


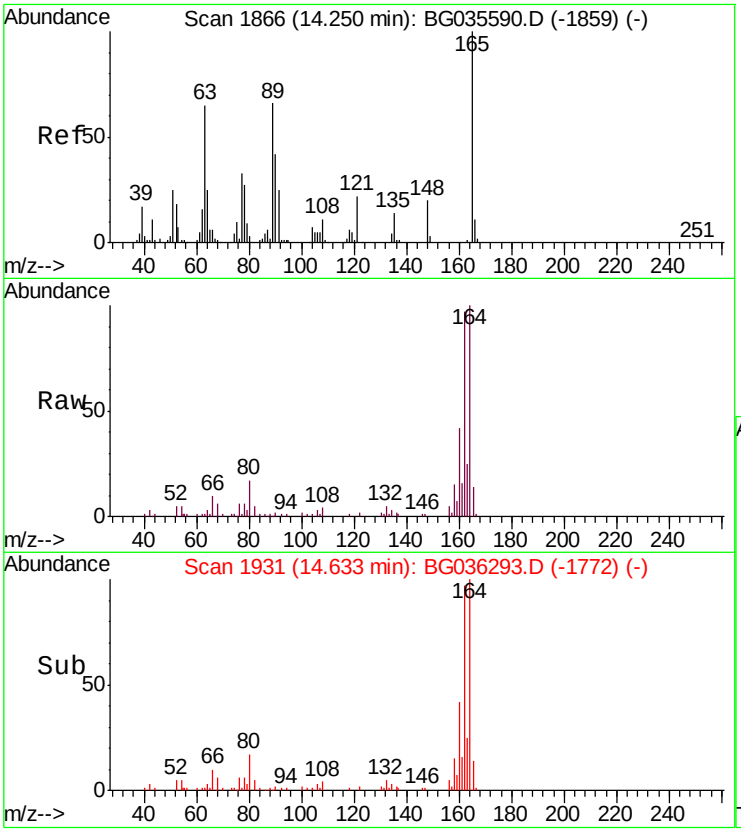


#44
2-Fluorobiphenyl
Concen: 114.784 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:172 Resp: 546933

Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	23.2	19.5	29.3



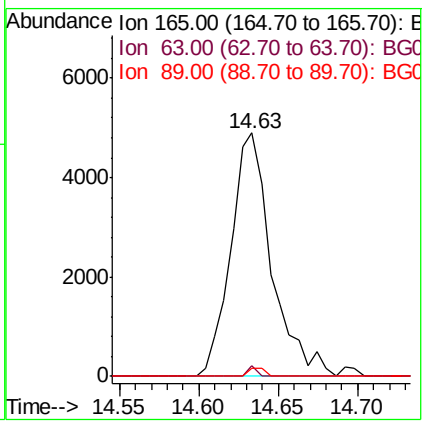


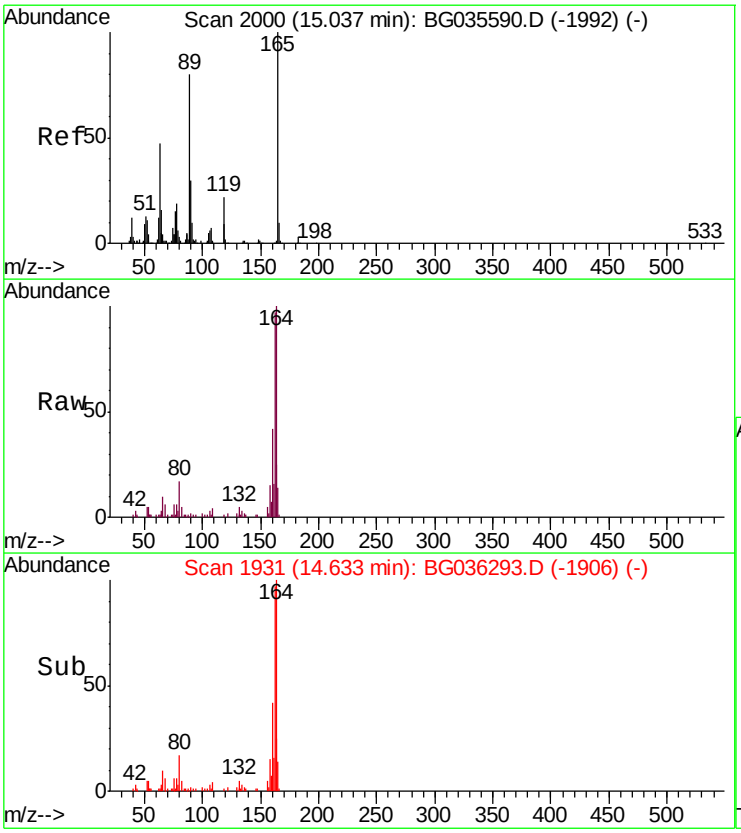
#50
2,6-Dinitrotoluene
Concen: 7.682 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.41 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:165 Resp: 8750

Ion	Ratio	Lower	Upper
165	100		
63	4.1	52.7	79.1#
89	3.3	49.2	73.8#

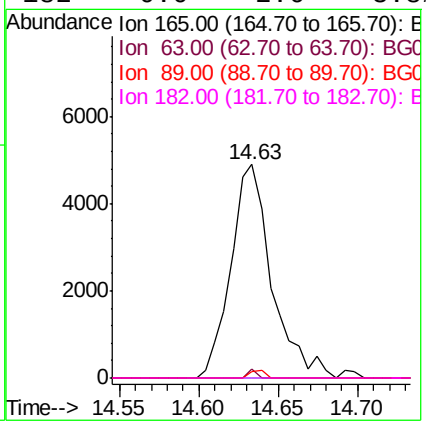


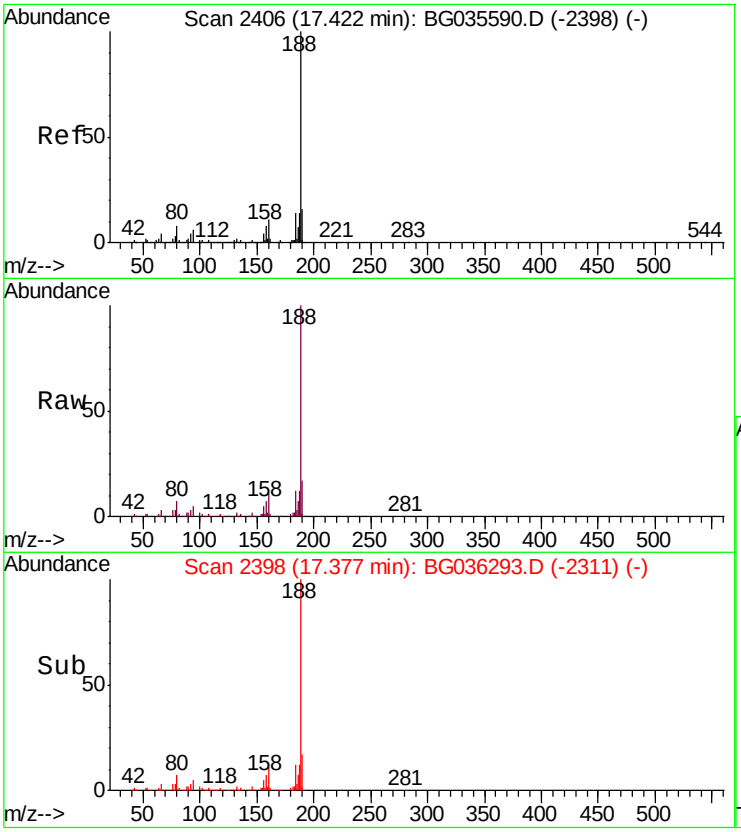


#56
2,4-Dinitrotoluene
Concen: 5.355 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:165 Resp: 8750

Ion	Ratio	Lower	Upper
165	100		
63	4.1	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#



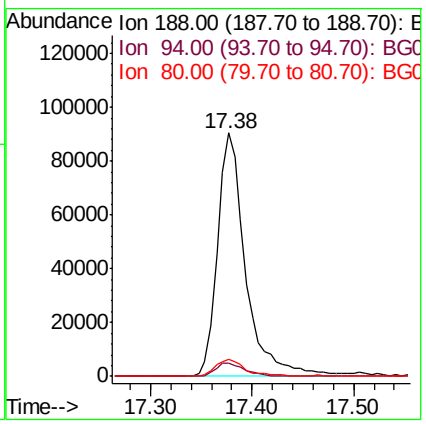


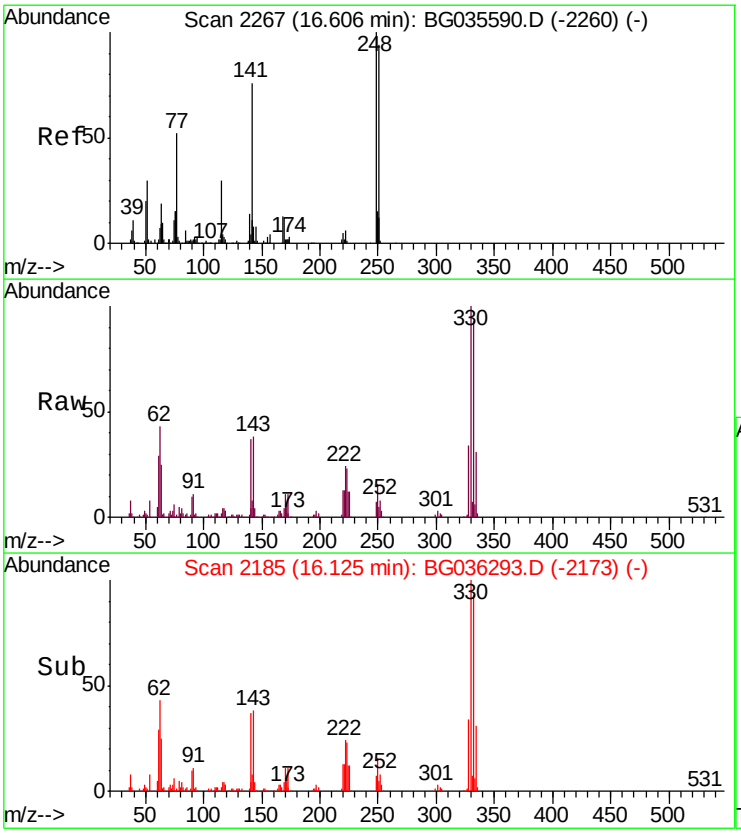
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:188 Resp: 173669

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.8	7.7	11.5#

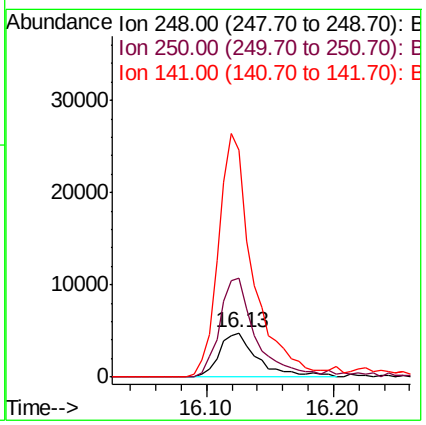


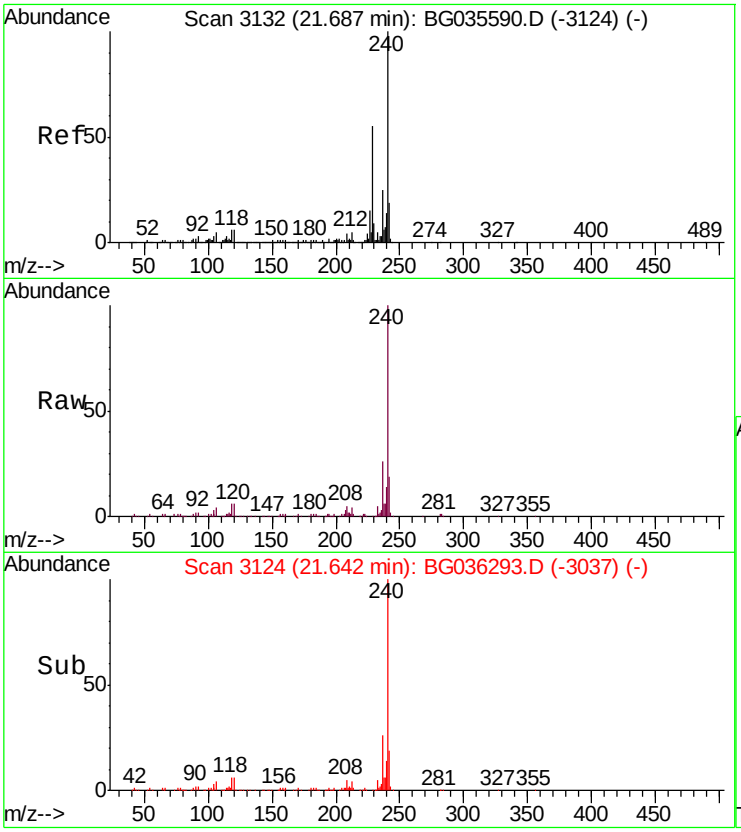


#66
4-Bromophenyl-phenylether
Concen: 4.954 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:248 Resp: 9981

Ion	Ratio	Lower	Upper
248	100		
250	225.3	77.1	115.7#
141	514.2	50.8	76.2#



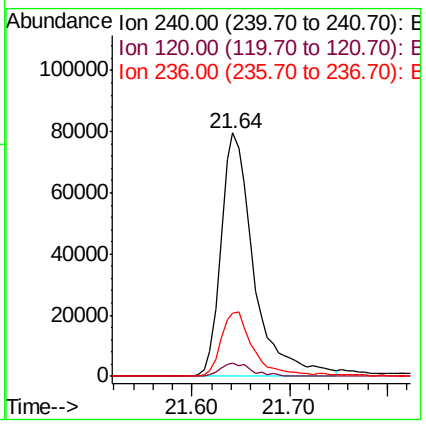


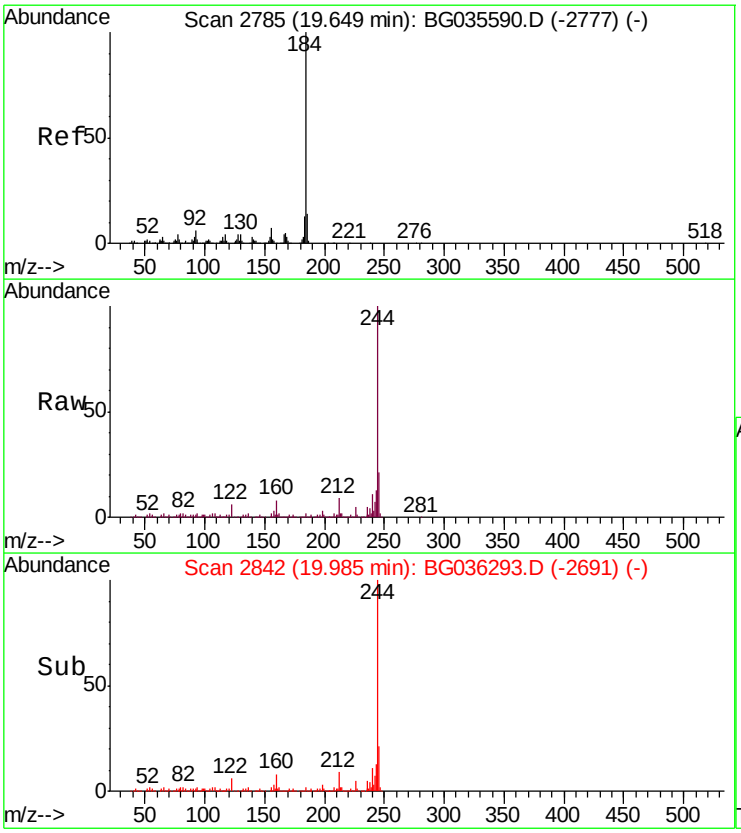
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:240 Resp: 185177

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	26.1	20.9	31.3

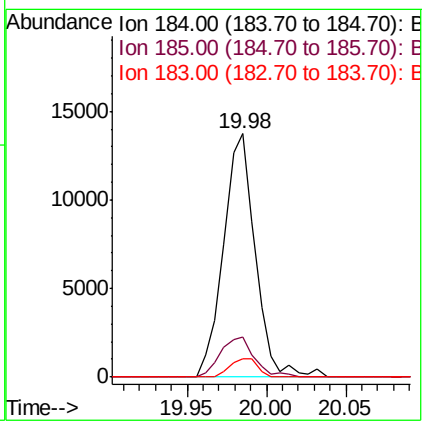


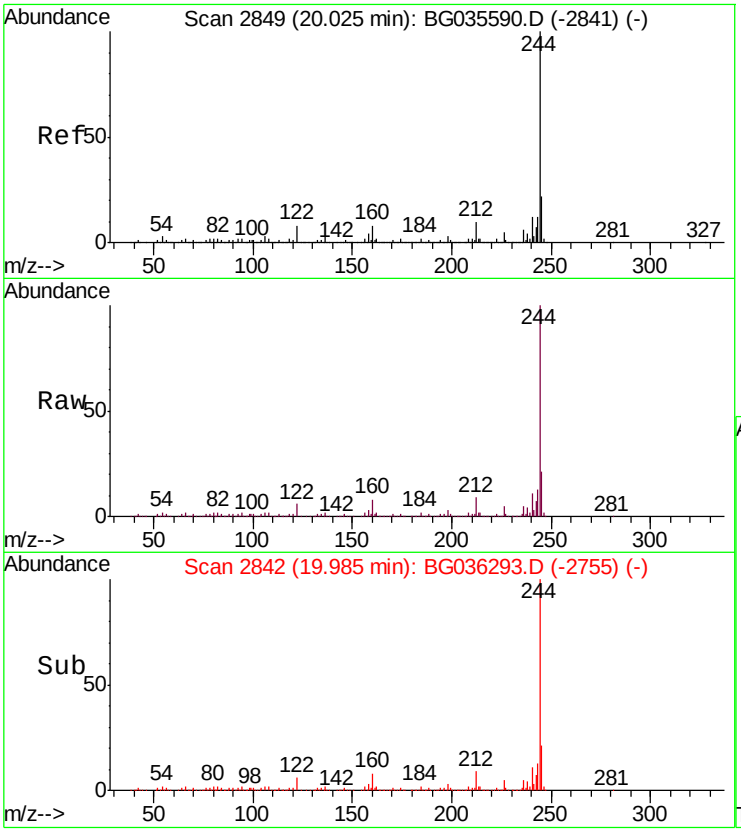


#76
Benzidine
Concen: 3.917 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:184 Resp: 19069

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	7.4	10.6	16.0#



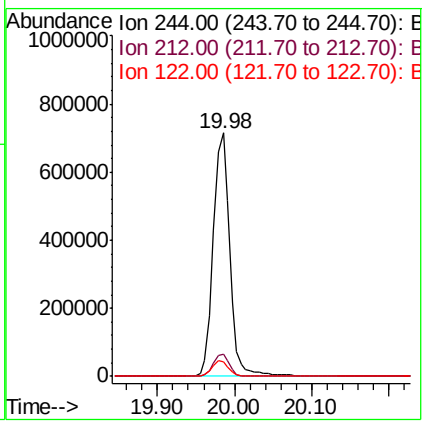


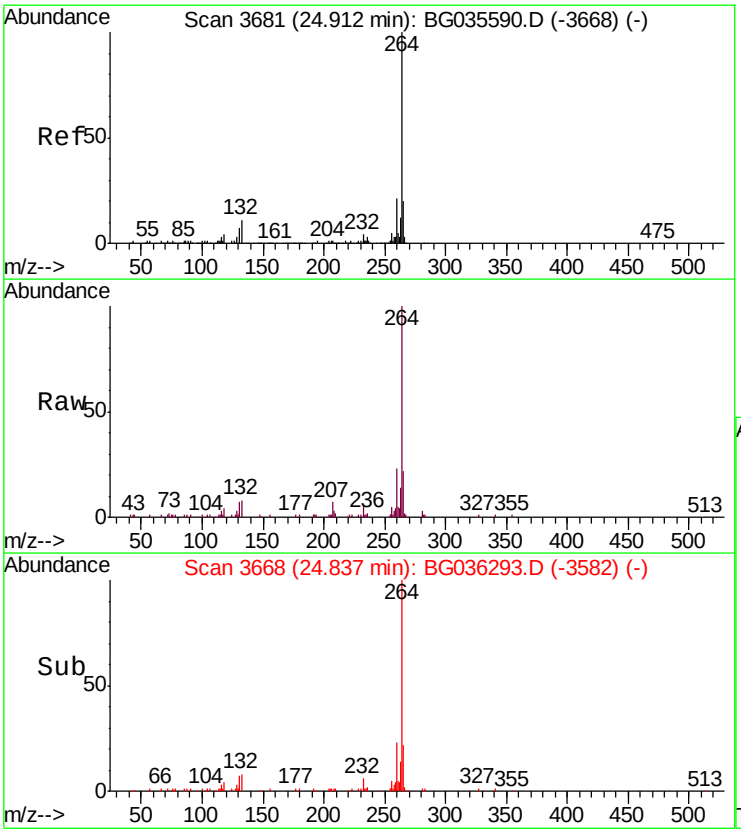
#78
Terphenyl-d14
Concen: 125.769 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Instrument :
BNA_G
ClientSampleId :
SOIL/CUTTINGS

Tgt Ion:244 Resp: 1056548

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3668
Delta R.T. -0.02 min
Lab File: BG036293.D
Acq: 11 Aug 2018 8:31

Tgt Ion:264 Resp: 151622

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.2	17.7	26.5