Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041090.D
Acq On : 6 Jun 2019 14:20
Operator : HP/JU
Sample : K3177-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BW-CONCRETE-1

Quant Time: Jun 06 23:16:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43534	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	161352	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	111713	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	290106	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	337293	20.00	ng	-0.02
87) Perylene-d12	25.09	264	365102	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	55315	22.91	ng	-0.01
7) Phenol-d6	7.25	99	189147	50.73	ng	-0.02
23) Nitrobenzene-d5	9.29	82	230085	63.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	5579	3.36	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	516423	66.57	ng	-0.02
79) Terphenyl-d14	20.08	244	1013306	63.76	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	32828	11.441	ng	# 75
41) Hexachlorocyclopentadiene	13.41	237	61	8.258	ng	# 26
50) Dimethylphthalate	14.18	163	52861	5.590	ng	96
57) 2,4-Dinitrotoluene	14.74	165	14543	5.049	ng	# 22

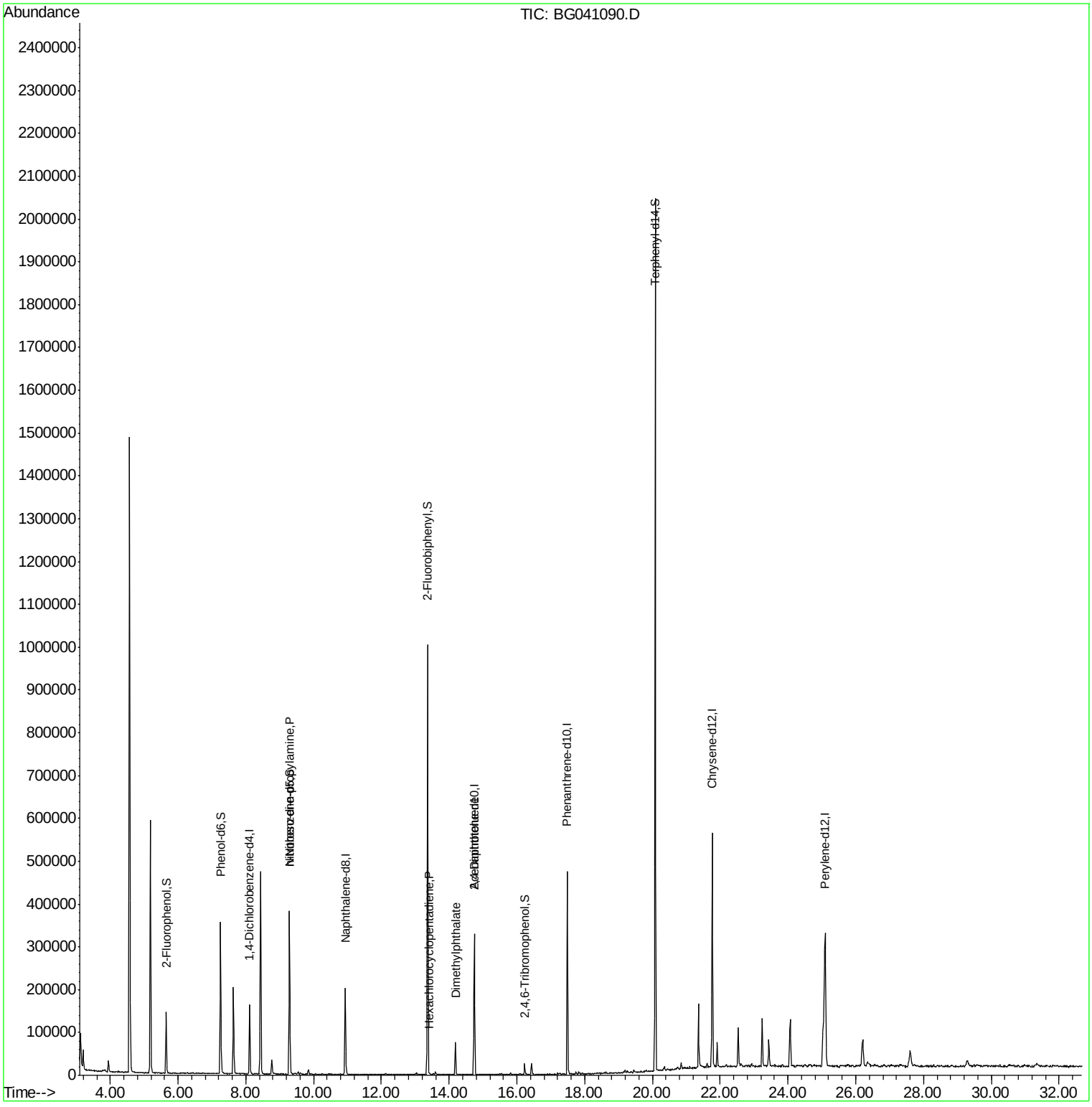
(#) = qualifier out of range (m) = manual integration (+) = signals summed

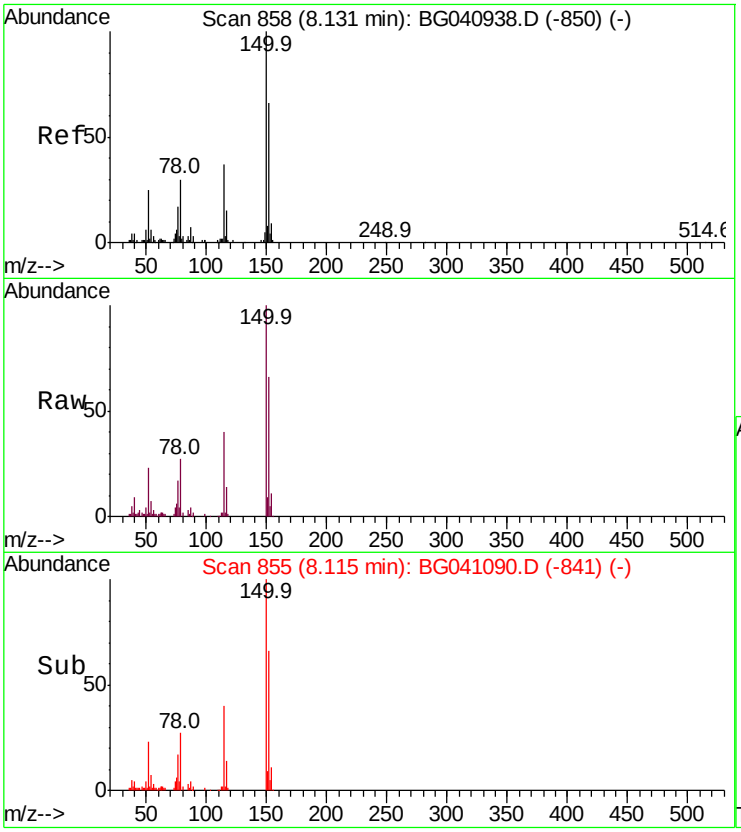
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041090.D
Acq On : 6 Jun 2019 14:20
Operator : HP/JU
Sample : K3177-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Quant Time: Jun 06 23:16:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



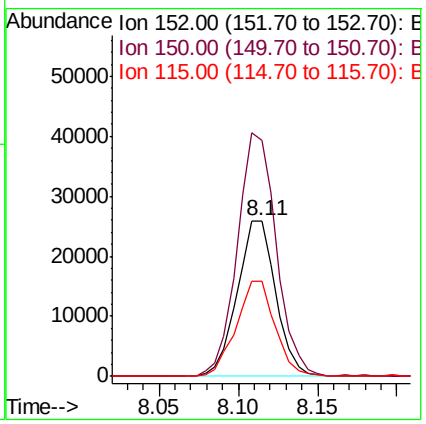


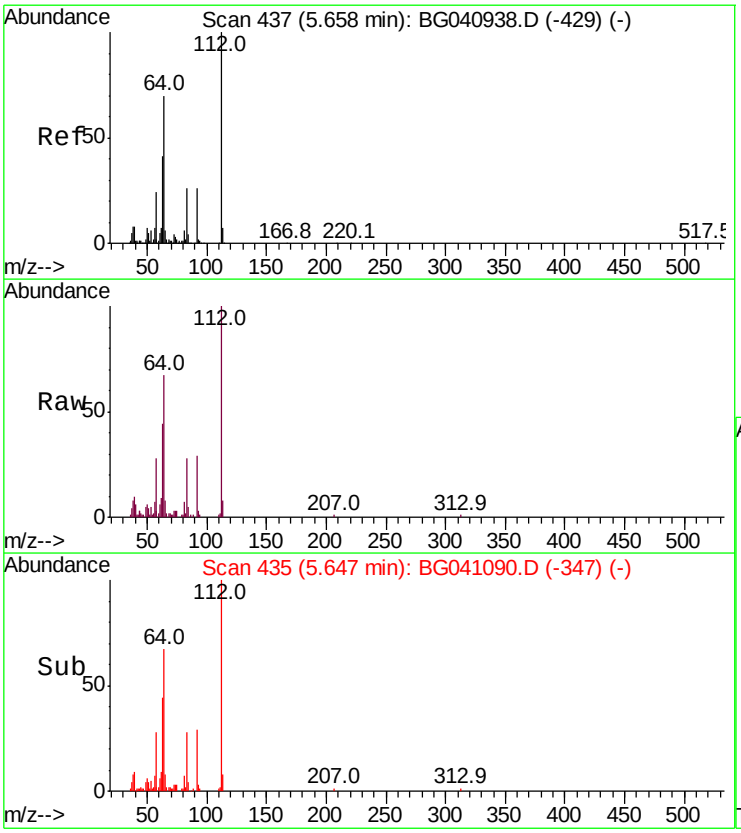
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:152 Resp: 43534

Ion	Ratio	Lower	Upper
152	100		
150	151.4	120.6	180.8
115	61.0	45.1	67.7

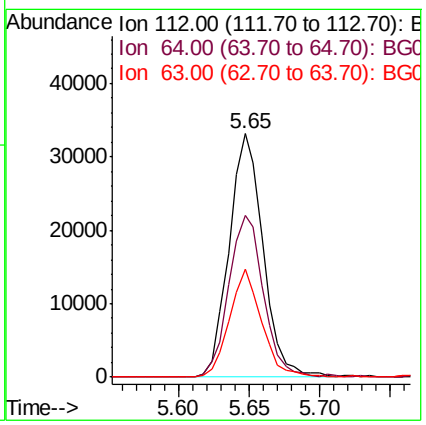


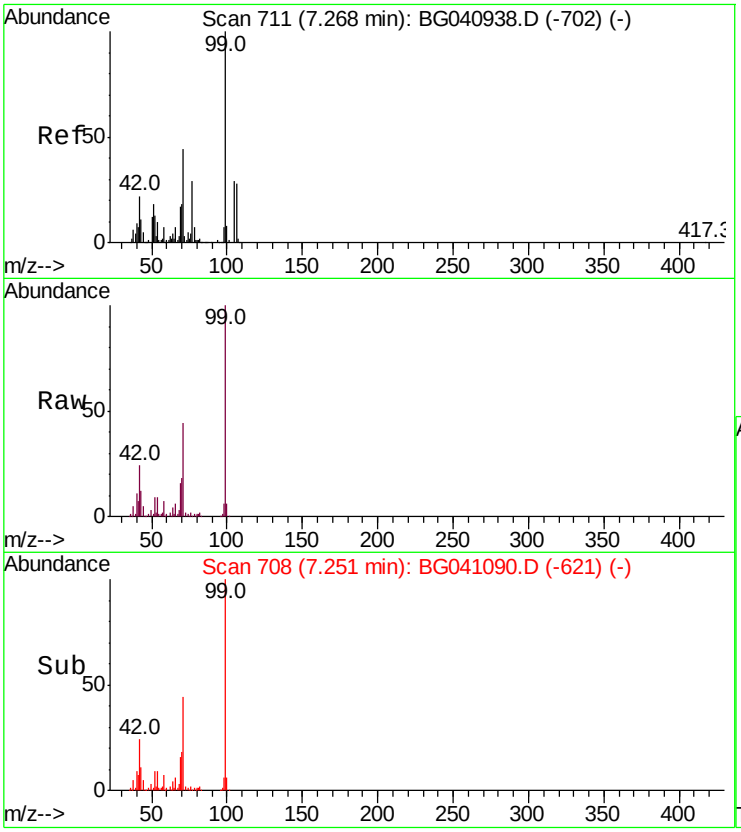


#5
2-Fluorophenol
Concen: 22.912 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:112 Resp: 55315

Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.2	84.2
63	44.4	32.8	49.2



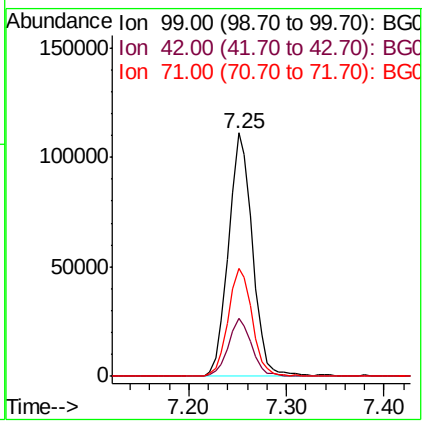


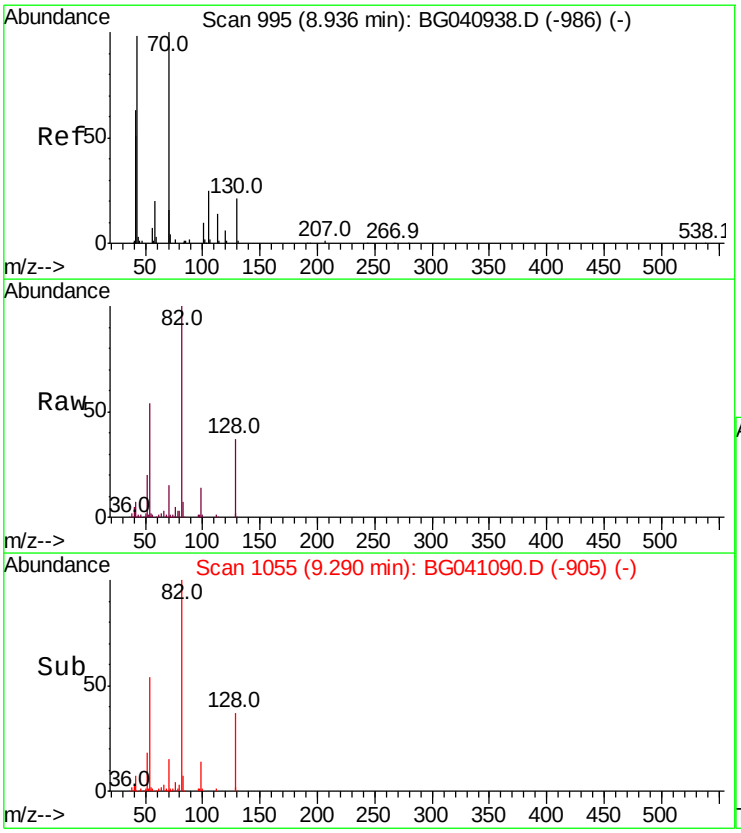
#7
Phenol-d6
Concen: 50.729 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion: 99 Resp: 189147

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.9	26.9
71	44.4	35.4	53.0

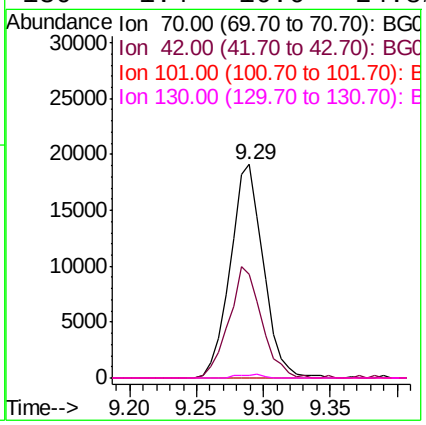


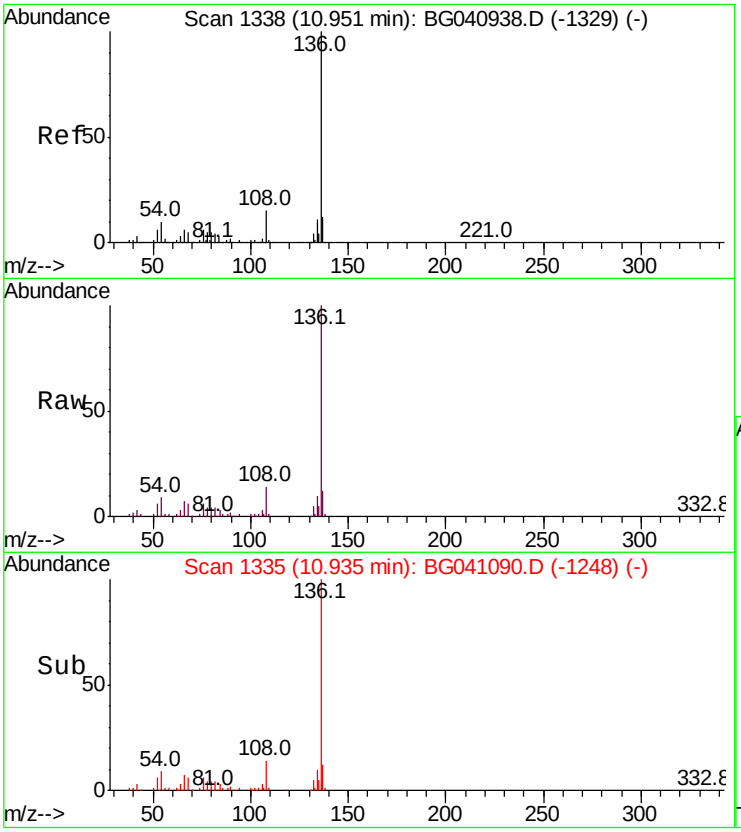


#19
n-Nitroso-di-n-propylamine
Concen: 11.441 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion: 70 Resp: 32828

Ion	Ratio	Lower	Upper
70	100		
42	48.8	51.5	77.3#
101	0.0	8.1	12.1#
130	1.4	16.6	24.8#



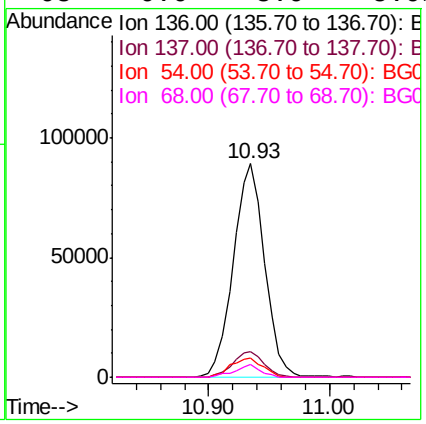


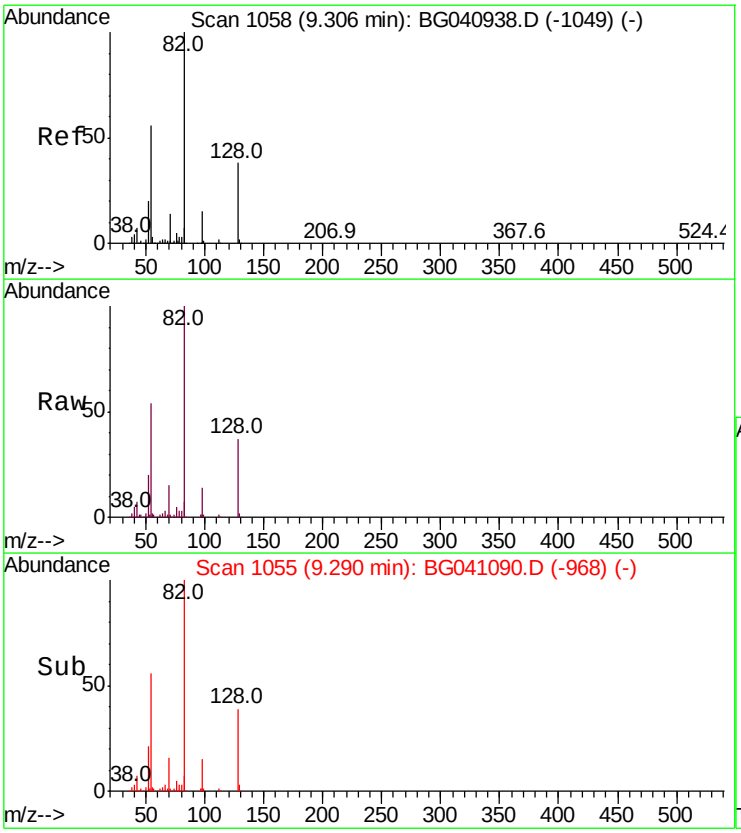
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:136 Resp: 161352

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	9.1	7.6	11.4
68	6.0	3.9	5.9#

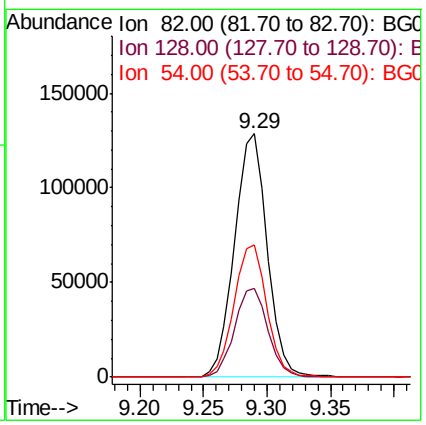


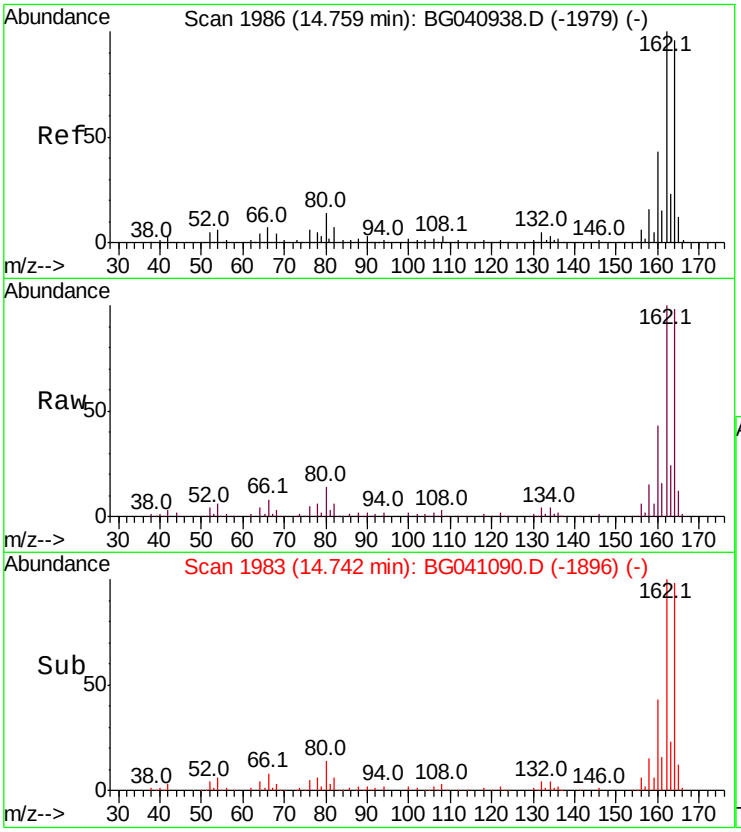


#23
Nitrobenzene-d5
Concen: 63.305 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion: 82 Resp: 230085

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.5	45.7
54	54.3	44.6	66.8



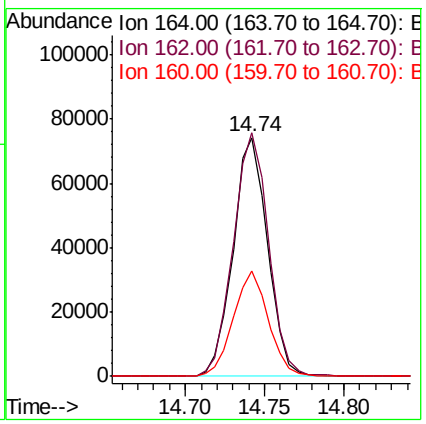


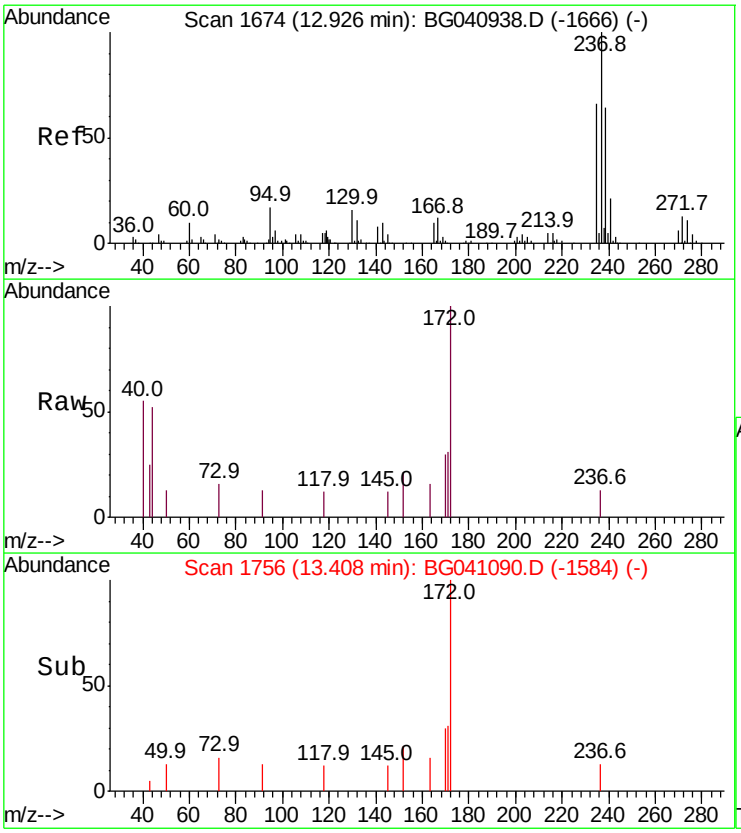
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:164 Resp: 111713

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	43.8	35.6	53.4

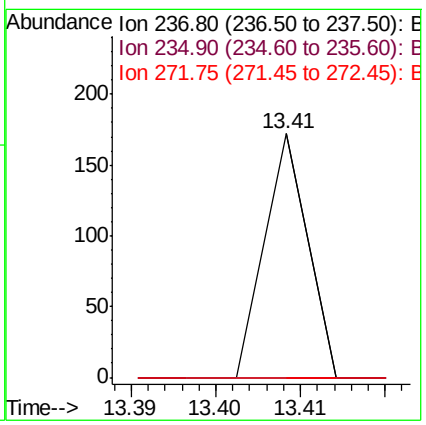


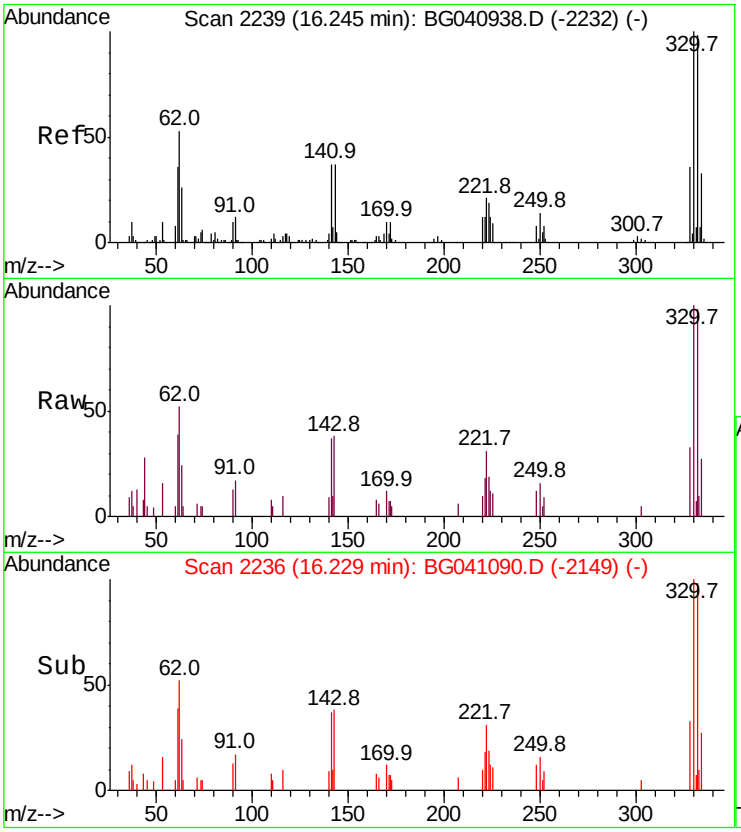


#41
Hexachlorocyclopentadiene
Concen: 8.258 ng
RT: 13.41 min Scan# 1756
Delta R.T. 0.48 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:237 Resp: 61

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



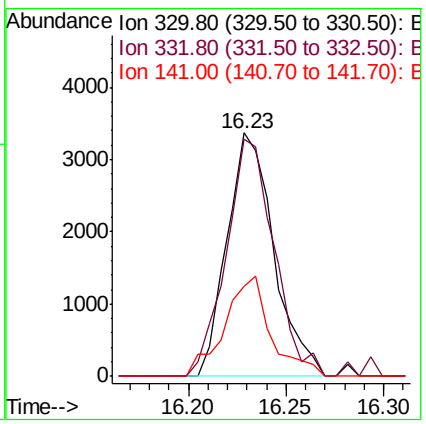


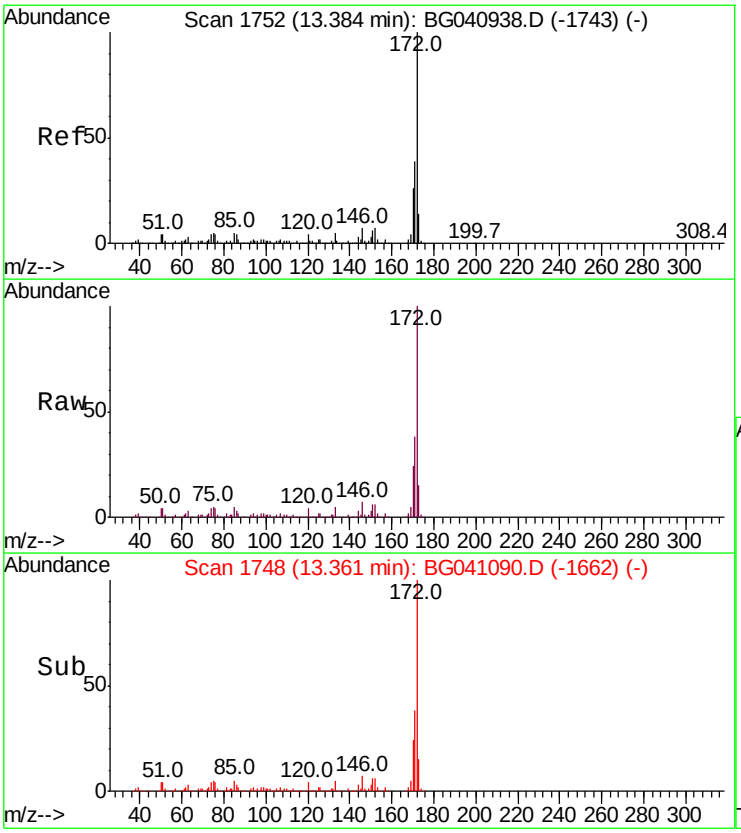
#42
2,4,6-Tribromophenol
Concen: 3.364 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:330 Resp: 5579

Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.5	117.7
141	40.6	28.7	43.1

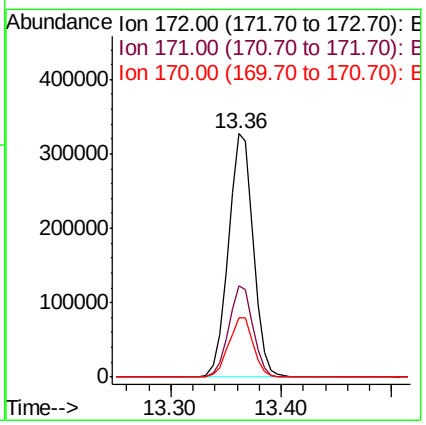


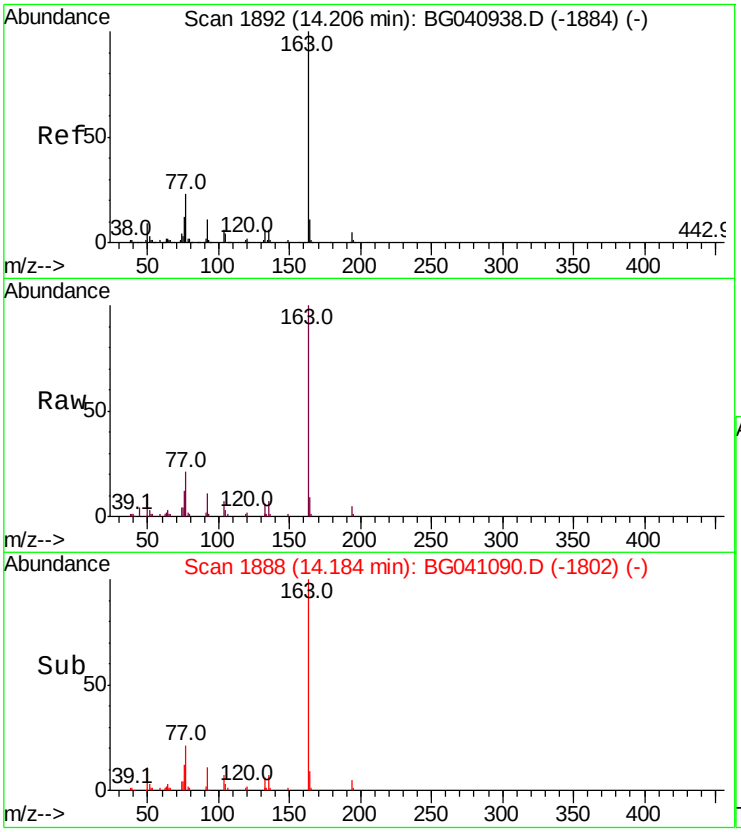


#45
2-Fluorobiphenyl
Concen: 66.573 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:172 Resp: 516423

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.1	46.7
170	24.3	20.5	30.7



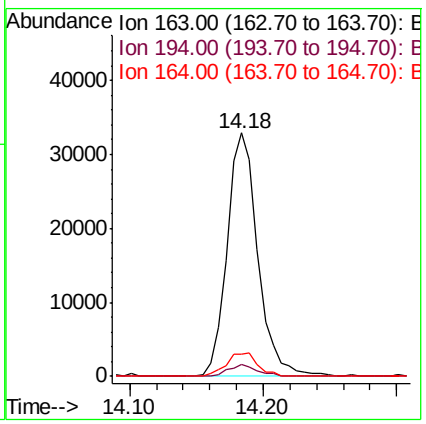


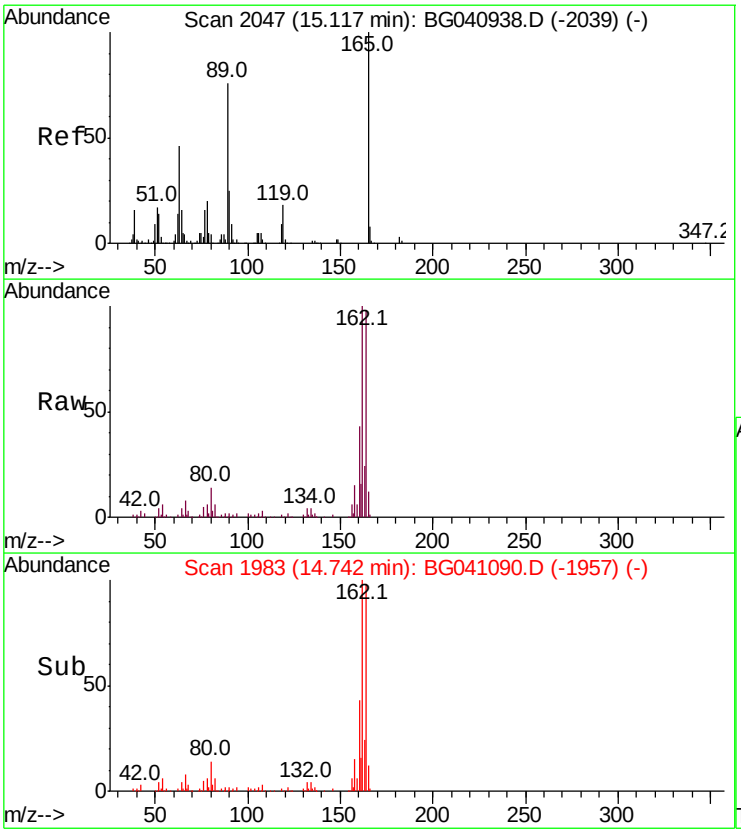
#50
Dimethylphthalate
Concen: 5.590 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:163 Resp: 52861

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	9.1	8.7	13.1

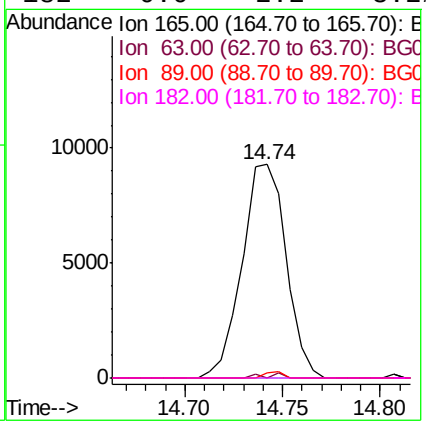


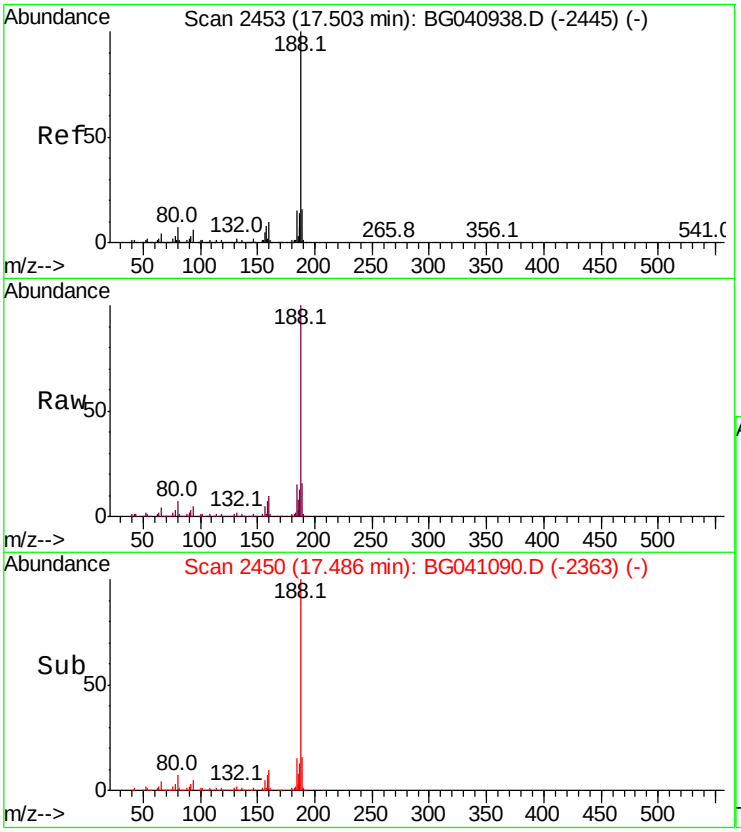


#57
2,4-Dinitrotoluene
Concen: 5.049 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:165 Resp: 14543

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	2.2	61.0	91.6#
182	0.0	2.2	3.2#



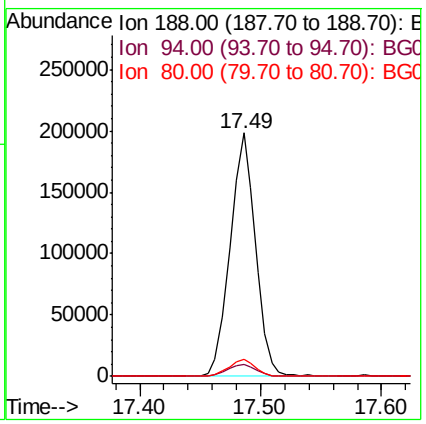


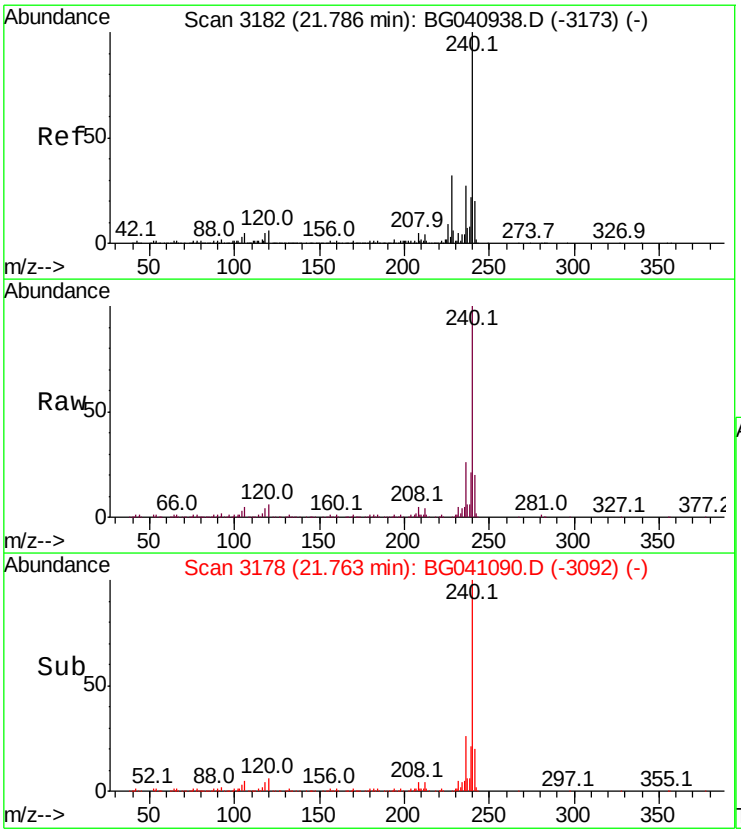
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:188 Resp: 290106

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.7	7.1
80	6.9	5.8	8.8

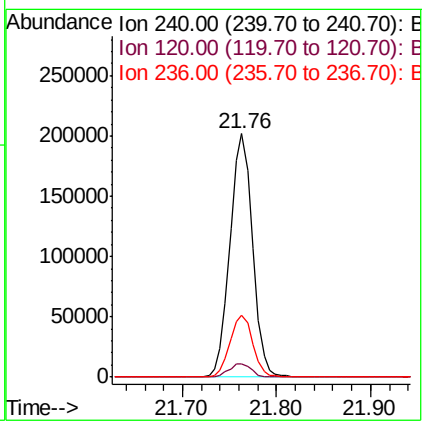


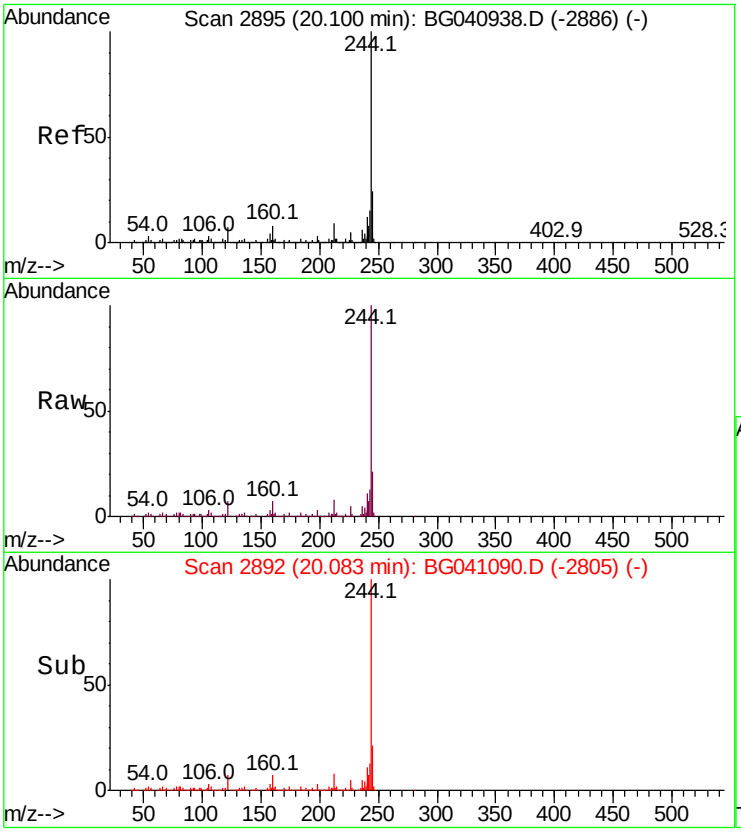


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:240 Resp: 337293

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.5	6.7
236	25.5	21.3	31.9



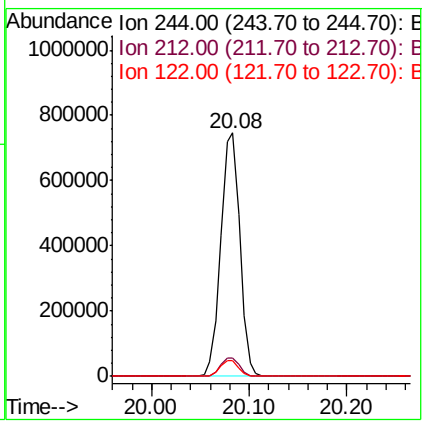


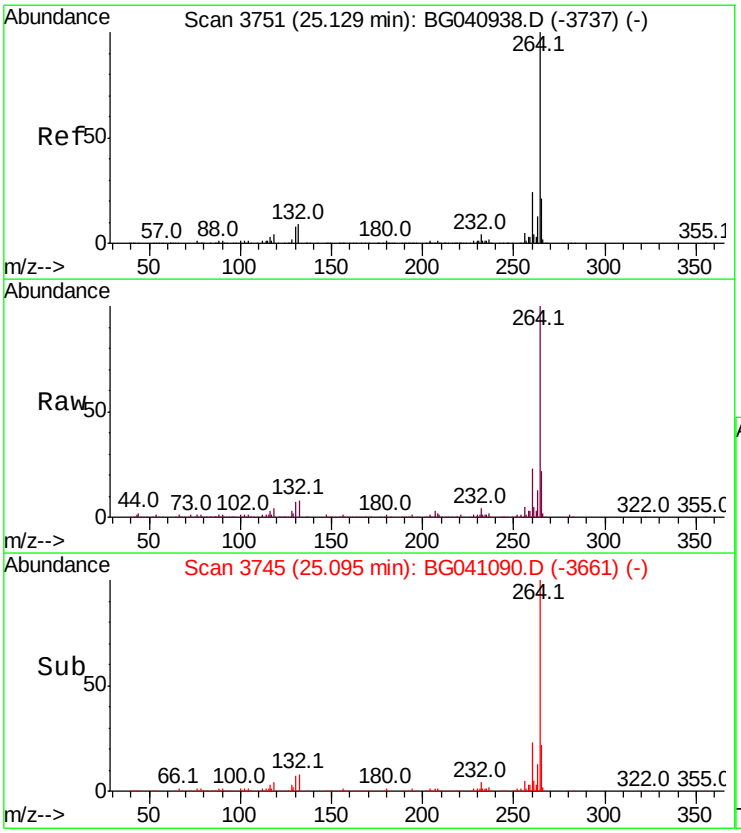
#79
Terphenyl-d14
Concen: 63.760 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Instrument :
BNA_G
ClientSampleId :
BW-CONCRETE-1

Tgt Ion:244 Resp: 1013306

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	6.5	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.03 min
Lab File: BG041090.D
Acq: 6 Jun 2019 14:20

Tgt Ion:264 Resp: 365102

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.7	17.0	25.4