Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
Data File : BG039292.D
Acq On : 25 Jan 2019 23:57
Operator : JU/SJ
Sample : K1234-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE-STAIRS

Quant Time: Jan 28 03:15:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	18483	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	56114	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	40938	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	100895	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117693	20.00	ng	-0.01
87) Perylene-d12	24.92	264	134074	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	90159	92.53	ng	0.00
7) Phenol-d6	7.17	99	163878	116.87	ng	0.00
23) Nitrobenzene-d5	9.19	82	83233	81.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	60025	87.47	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	213836	71.49	ng	0.00
79) Terphenyl-d14	20.00	244	422656	66.43	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	3146	2.238	ng	# 65
19) n-Nitroso-di-n-propylamine	9.18	70	10945	11.887	ng	# 63
50) Dimethylphthalate	14.09	163	16248	4.697	ng	100
51) 2,6-Dinitrotoluene	14.65	165	5195	6.717	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5195	4.682	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	3696	2.850	ng	# 1

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

Quantitation Report (Not Reviewed)

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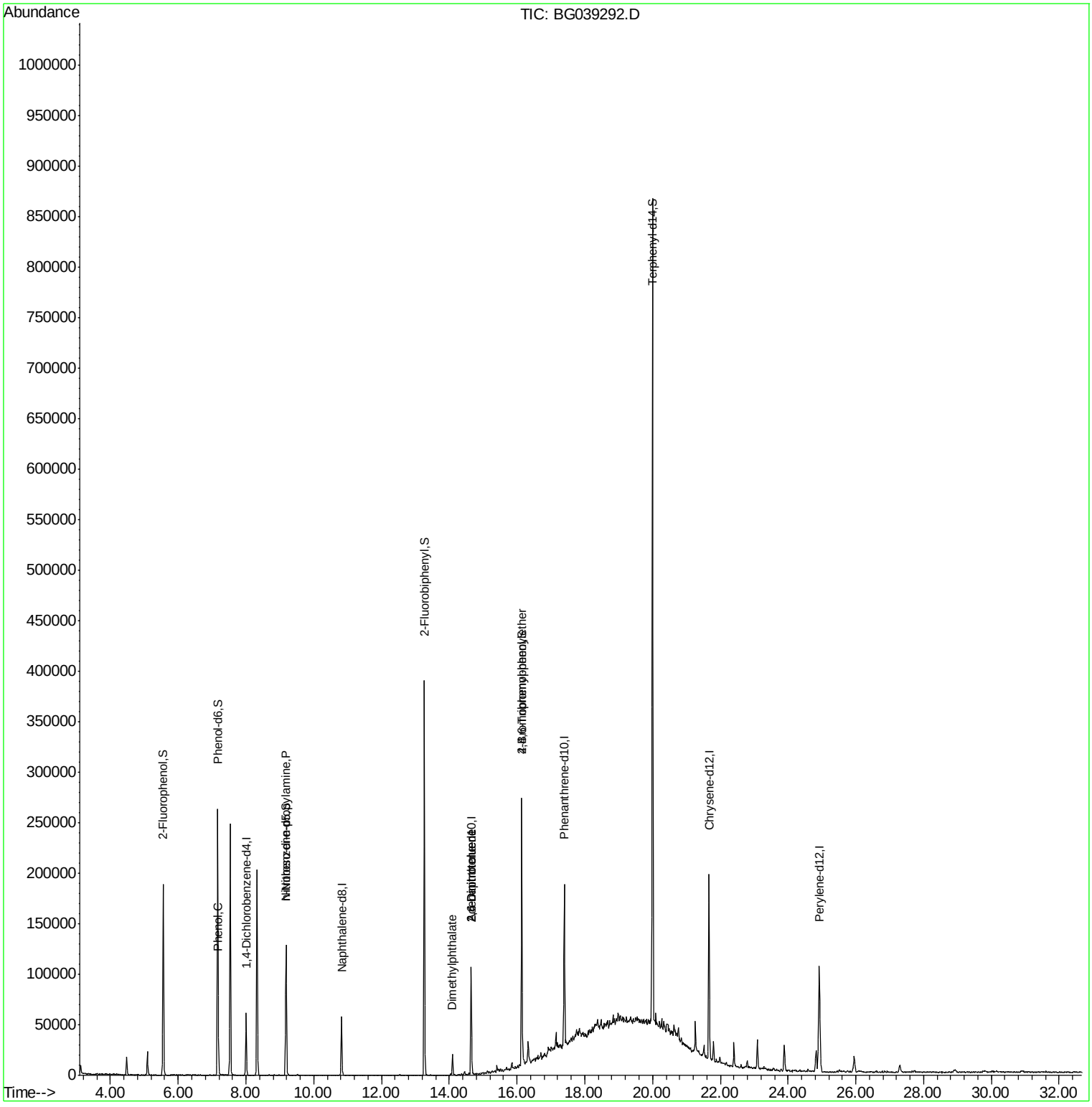
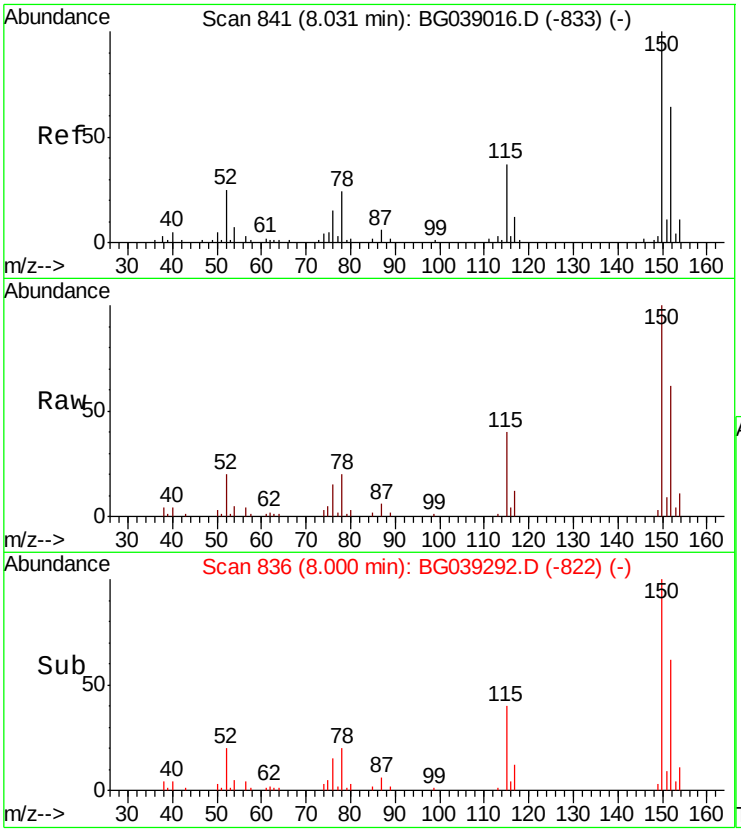


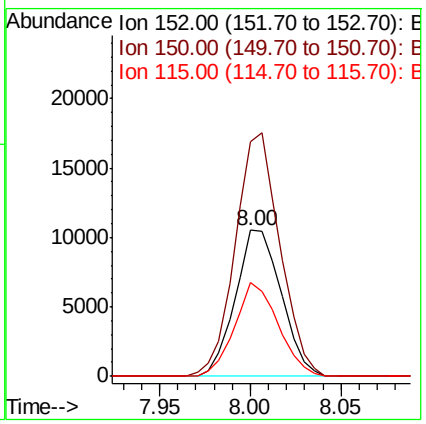


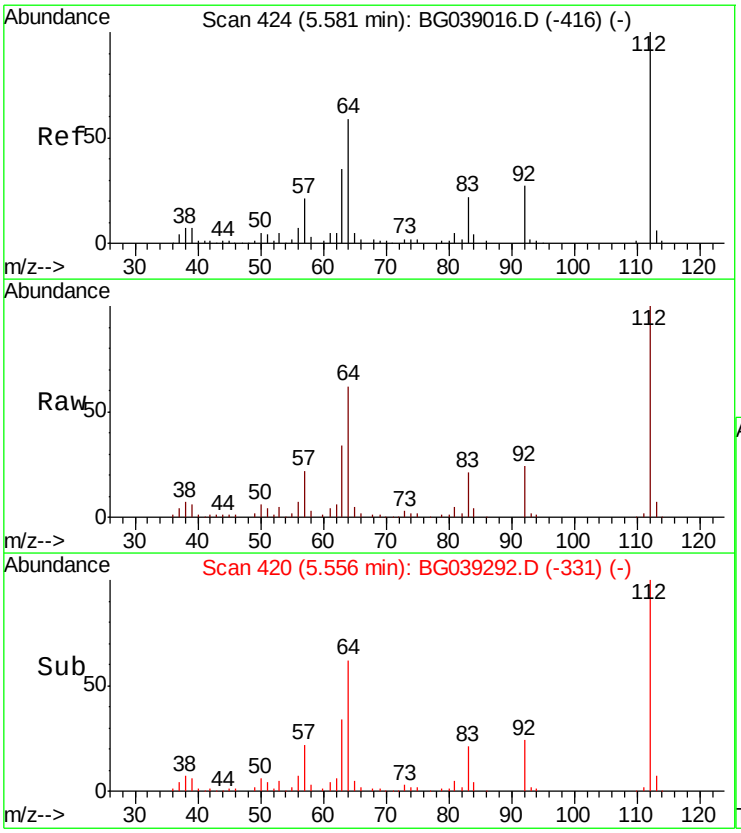
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:152 Resp: 18483

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.7	187.1
115	64.4	46.5	69.7

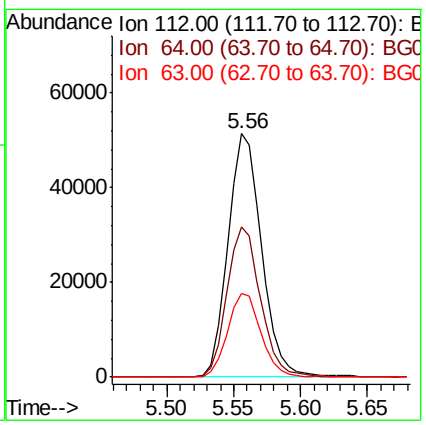


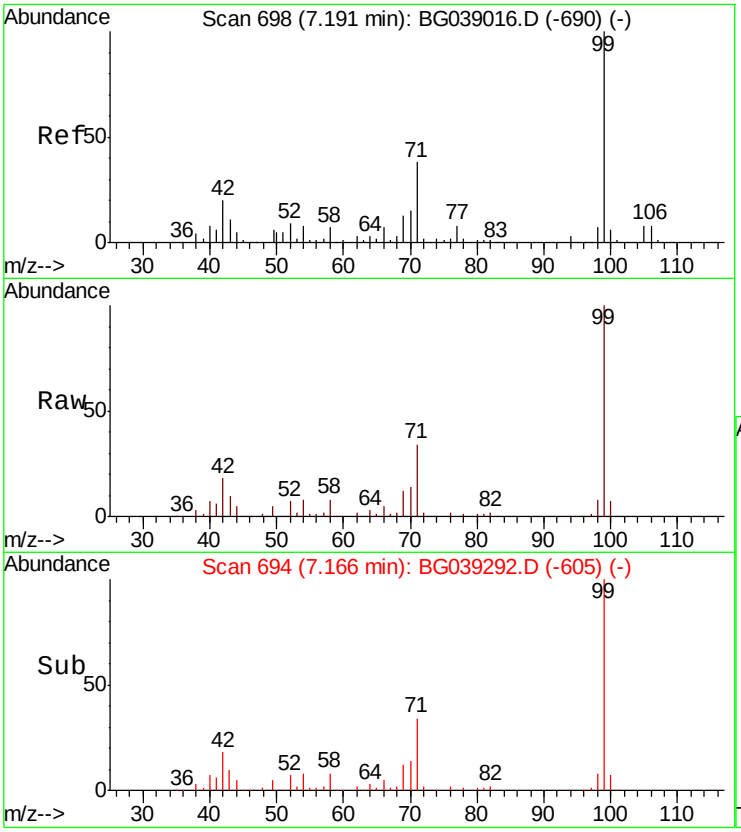


#5
2-Fluorophenol
Concen: 92.534 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:112 Resp: 90159

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.0	70.6
63	34.4	28.0	42.0



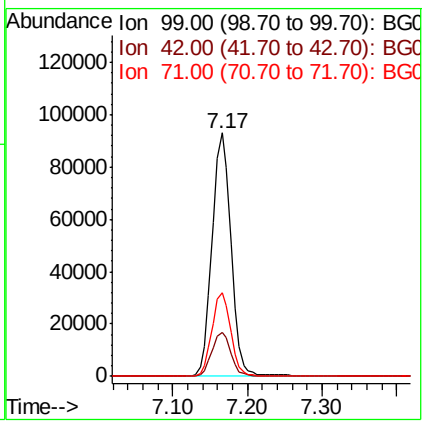


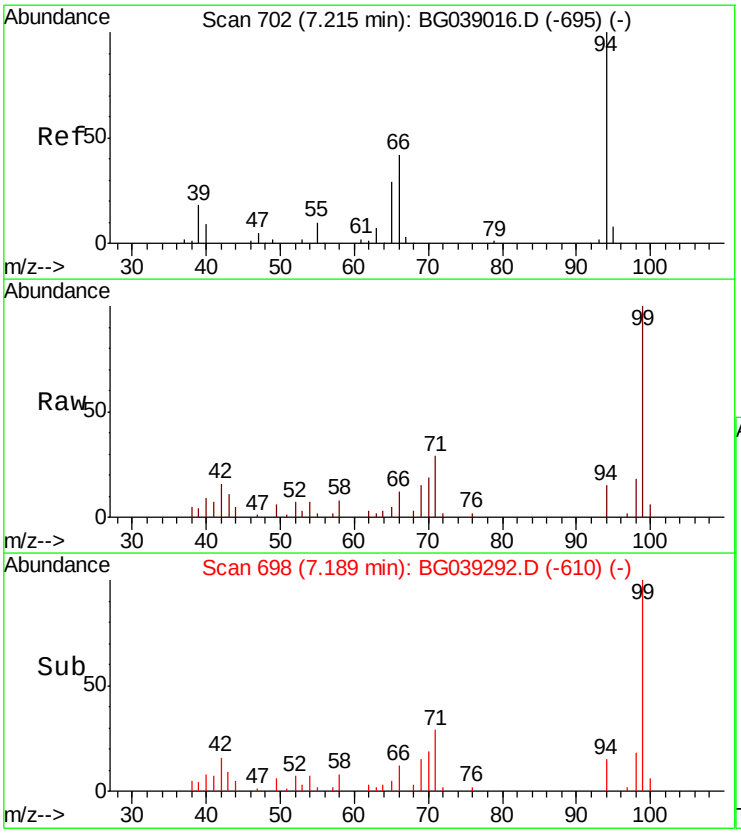
#7
Phenol-d6
Concen: 116.872 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion: 99 Resp: 163878

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	34.2	30.2	45.4

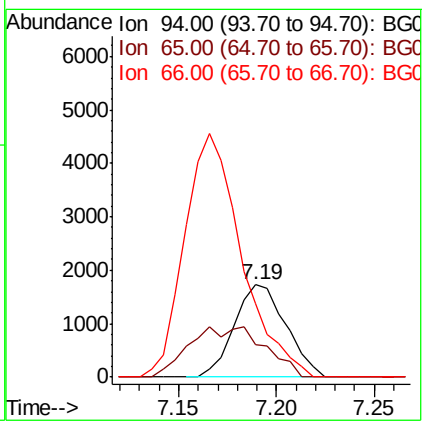


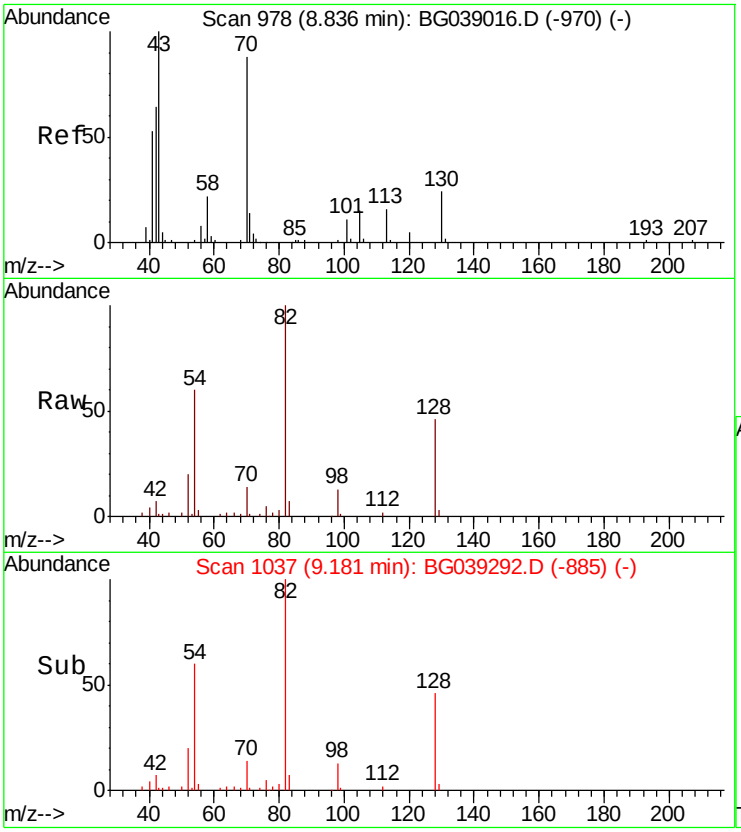


#10
Phenol
Concen: 2.238 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion: 94 Resp: 3146

Ion	Ratio	Lower	Upper
94	100		
65	34.7	10.3	50.3
66	79.8	25.1	65.1#



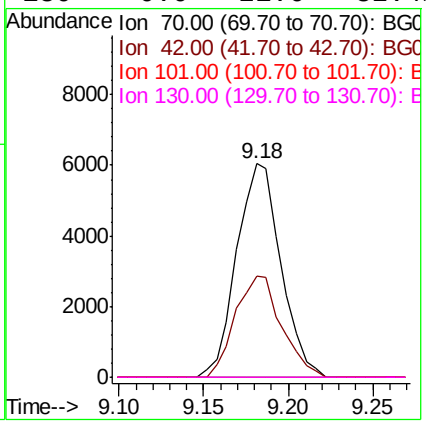


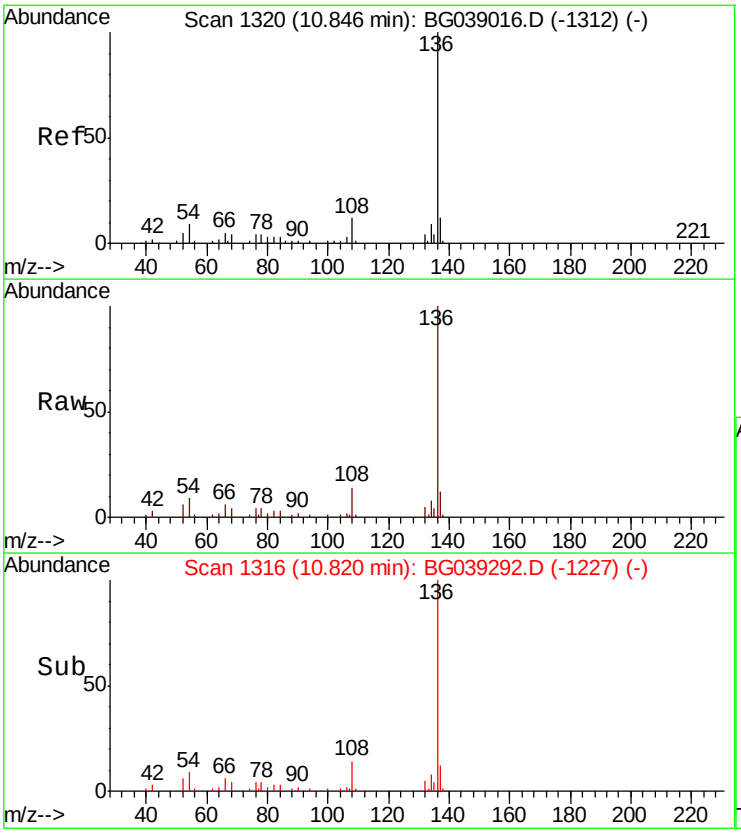
#19
n-Nitroso-di-n-propylamine
Concen: 11.887 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.36 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion: 70 Resp: 10945

Ion	Ratio	Lower	Upper
70	100		
42	47.1	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#

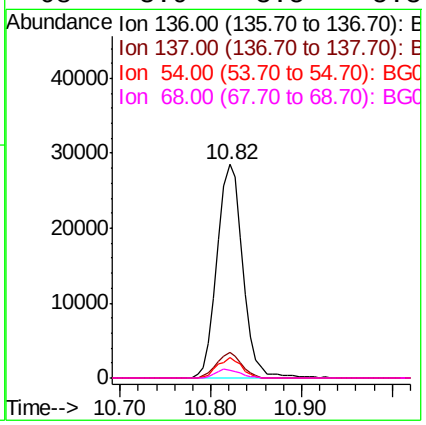


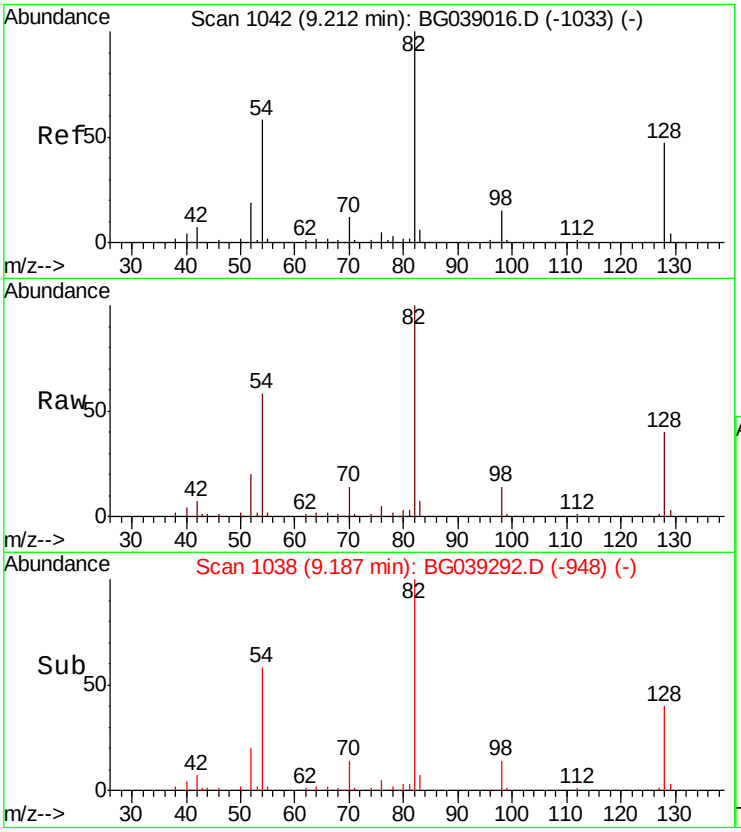


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:136 Resp: 56114

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	9.4	7.2	10.8
68	3.9	3.5	5.3



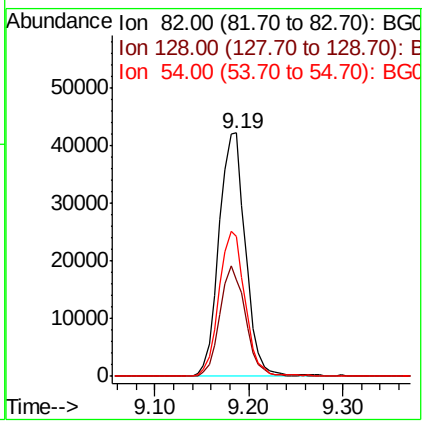


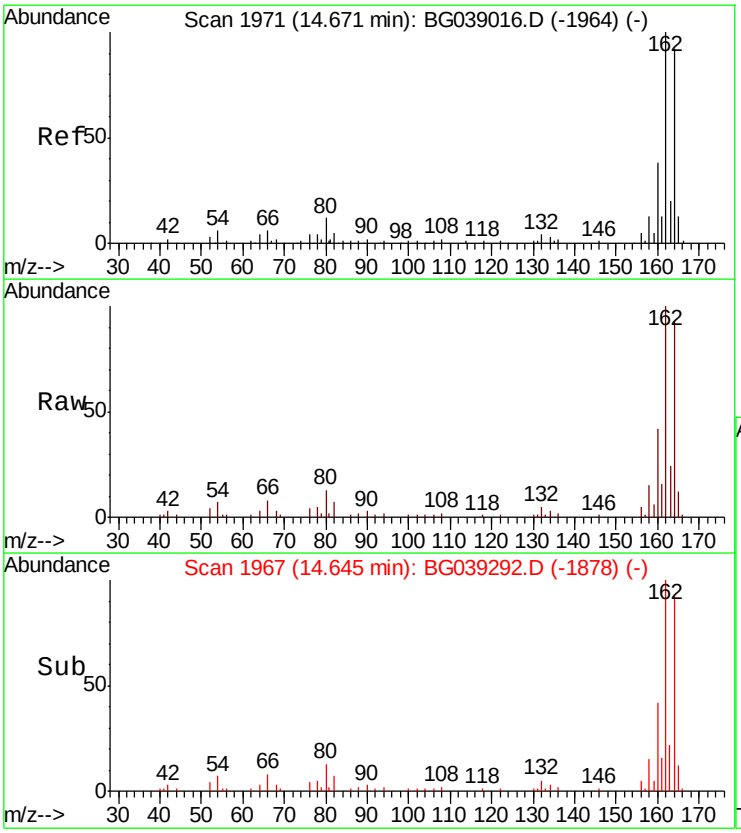
#23
Nitrobenzene-d5
Concen: 81.165 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion: 82 Resp: 83233

Ion	Ratio	Lower	Upper
82	100		
128	39.8	37.3	55.9
54	57.6	46.4	69.6

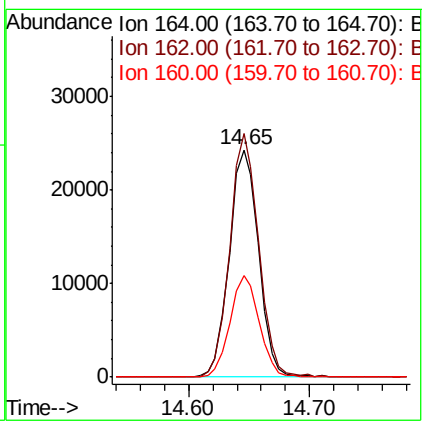


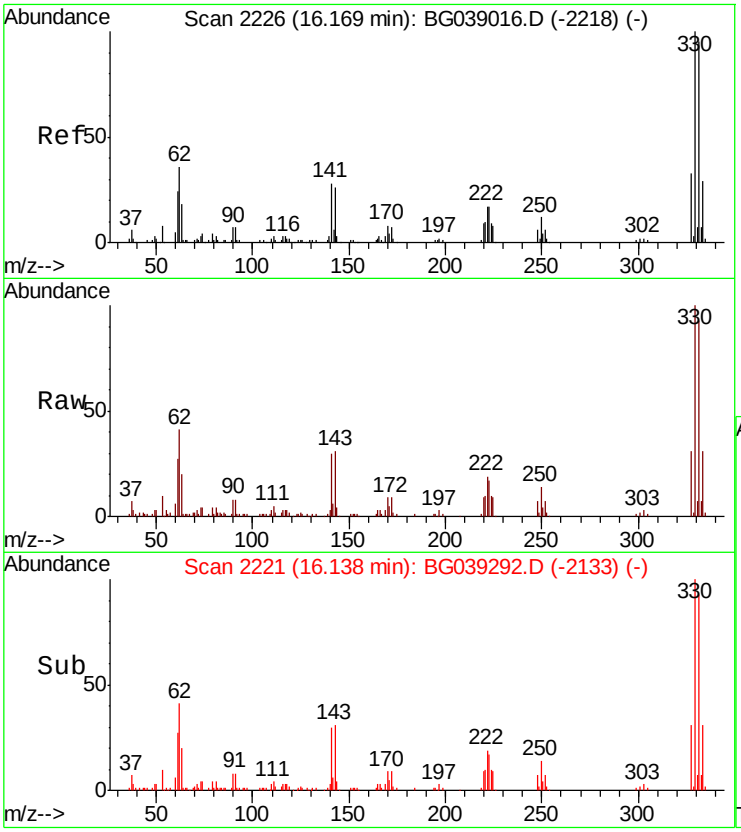


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:164 Resp: 40938

Ion	Ratio	Lower	Upper
164	100		
162	107.1	87.2	130.8
160	44.6	33.3	49.9



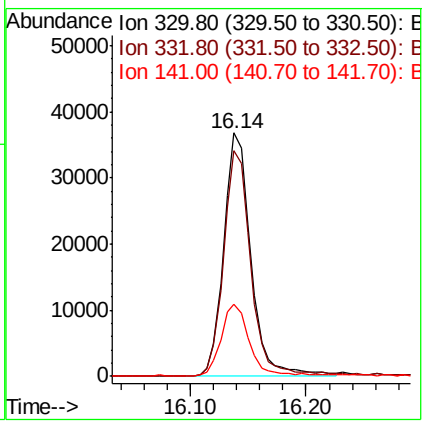


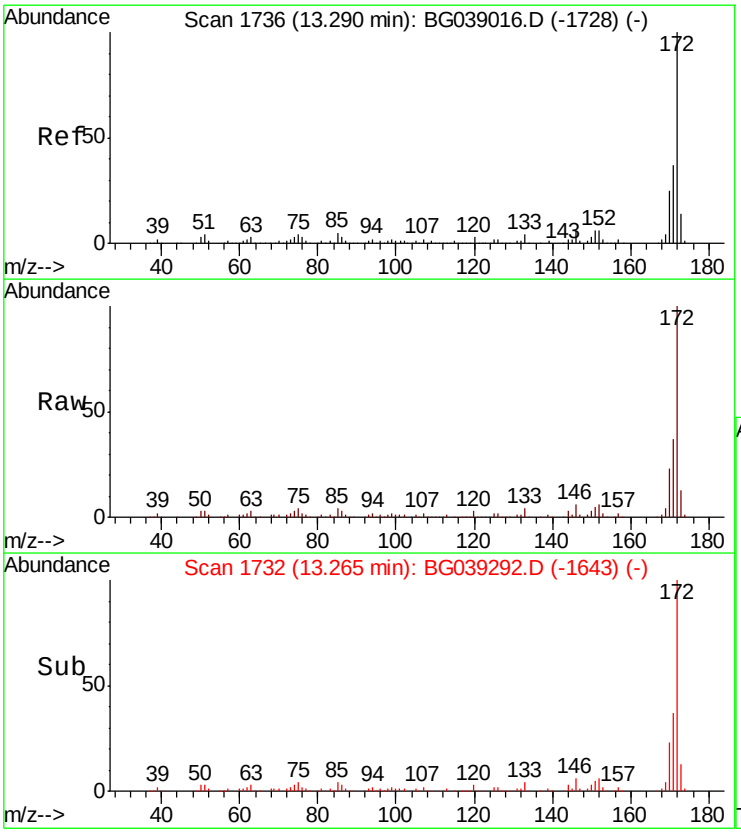
#42
2,4,6-Tribromophenol
Concen: 87.470 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:330 Resp: 60025

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	31.4	24.9	37.3

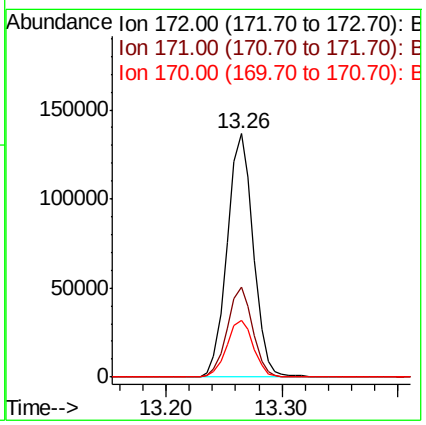


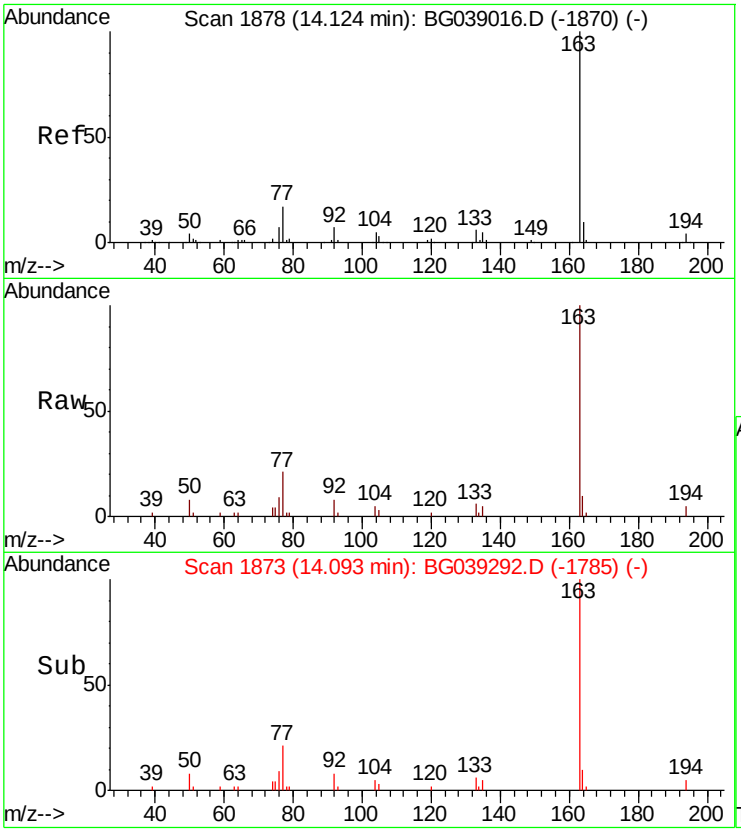


#45
2-Fluorobiphenyl
Concen: 71.486 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:172 Resp: 213836

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	23.2	20.1	30.1



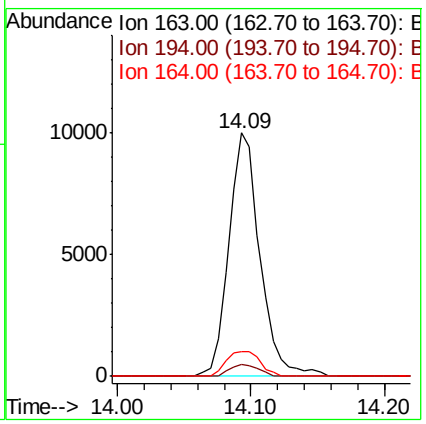


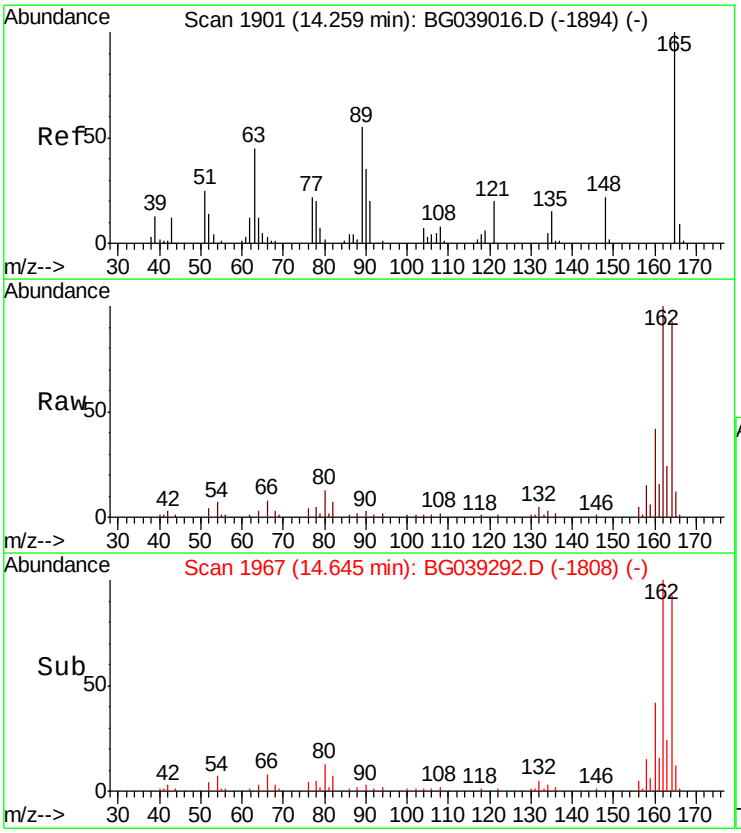
#50
Dimethylphthalate
Concen: 4.697 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:163 Resp: 16248

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.2	8.2	12.2

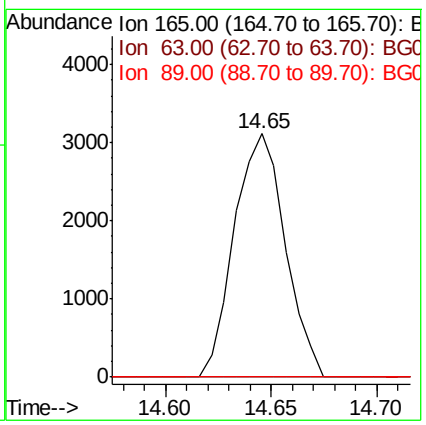


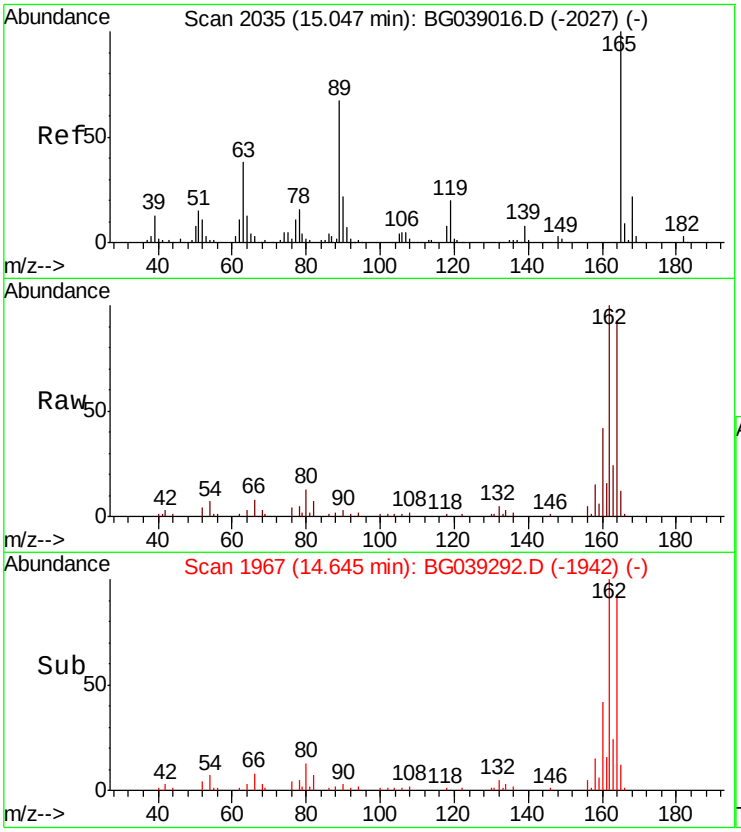


#51
2,6-Dinitrotoluene
Concen: 6.717 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.40 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:165 Resp: 5195

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



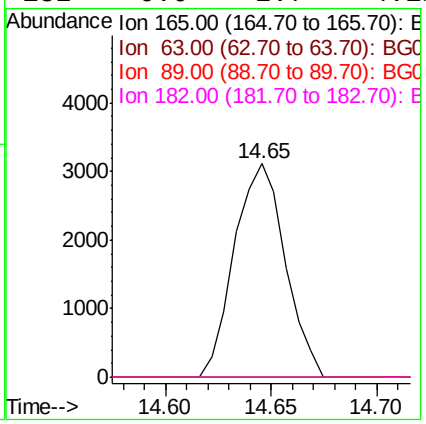


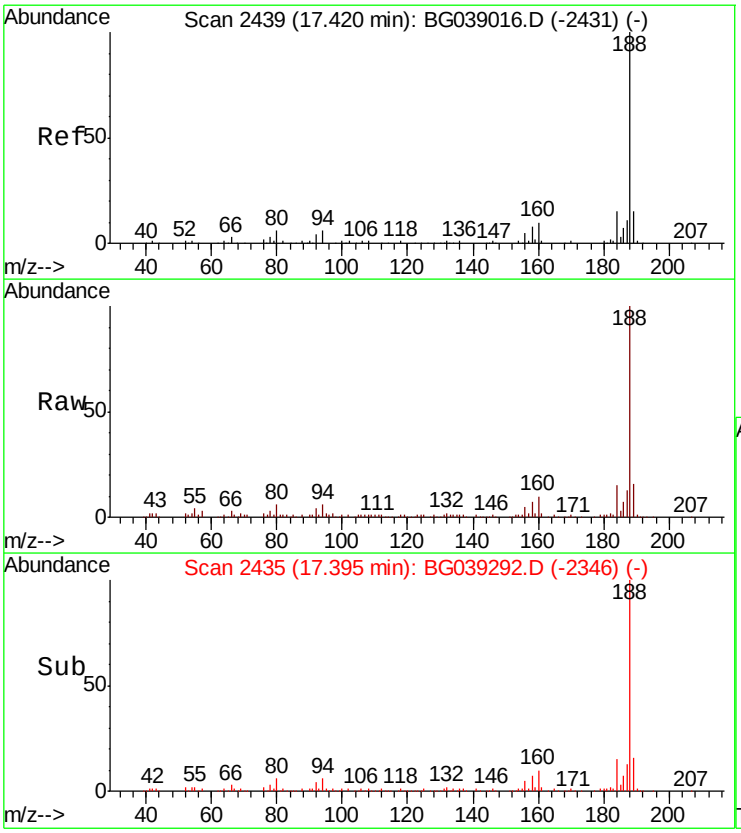
#57
2,4-Dinitrotoluene
Concen: 4.682 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.39 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:165 Resp: 5195

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

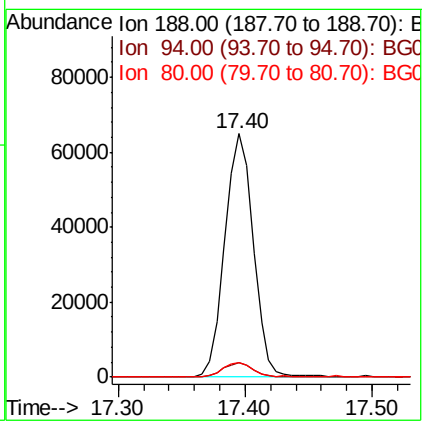


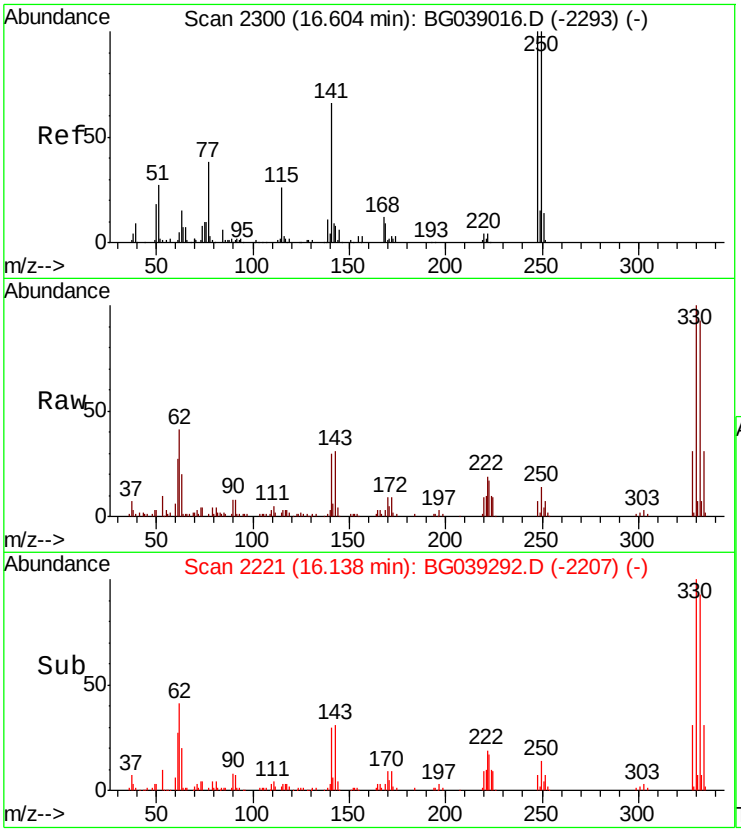


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:188 Resp: 100895

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	6.0	4.7	7.1



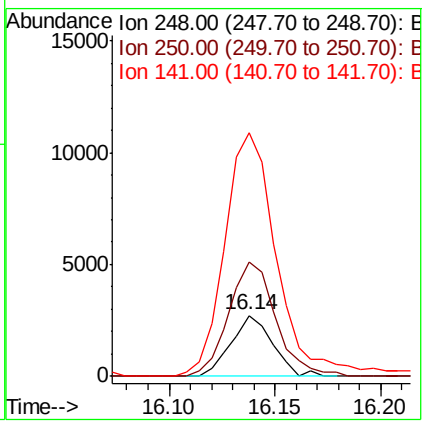


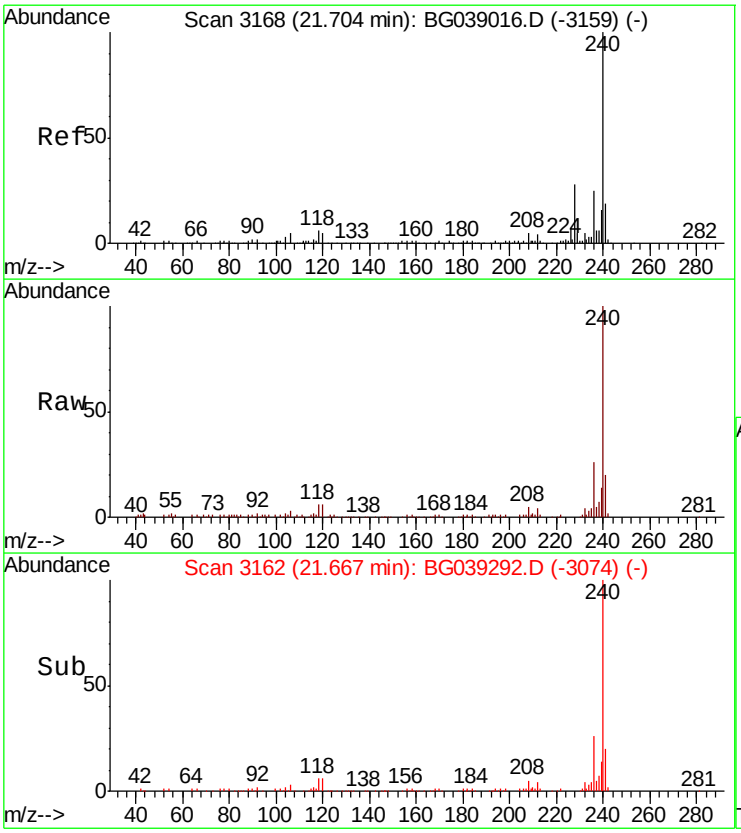
#67
4-Bromophenyl-phenylether
Concen: 2.850 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:248 Resp: 3696

Ion	Ratio	Lower	Upper
248	100		
250	195.4	79.9	119.9#
141	314.2	52.7	79.1#

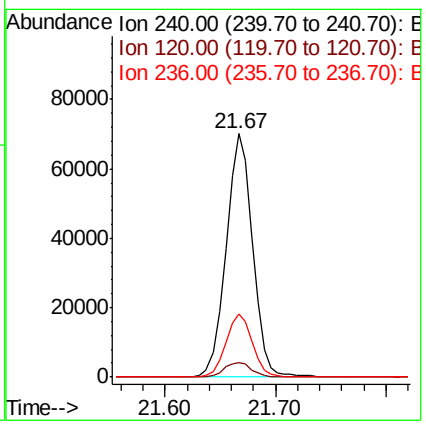


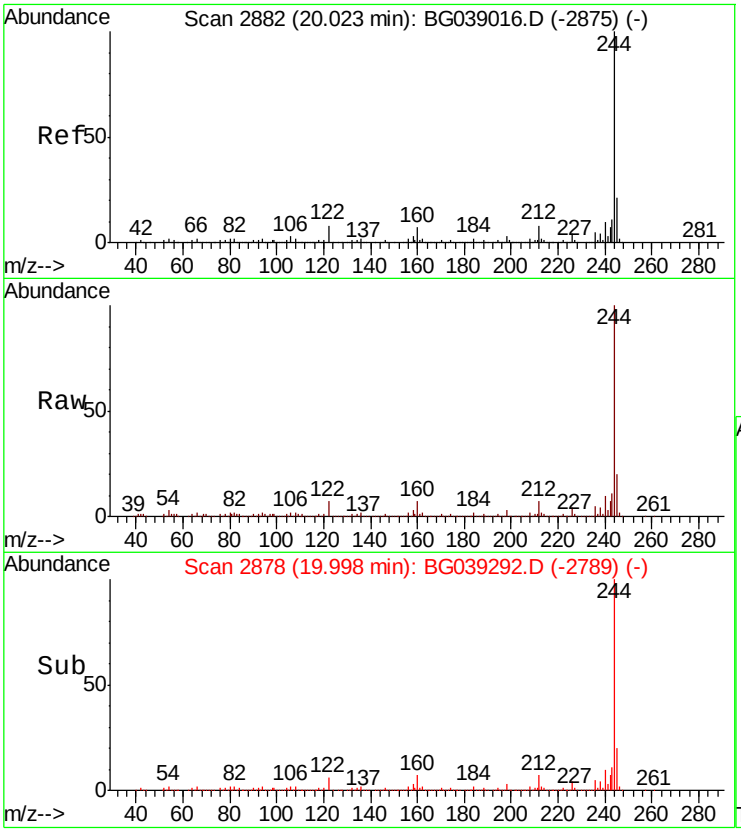


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:240 Resp: 117693

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.3	6.5
236	25.7	20.1	30.1



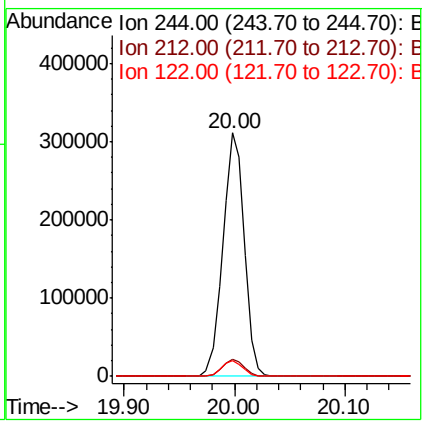


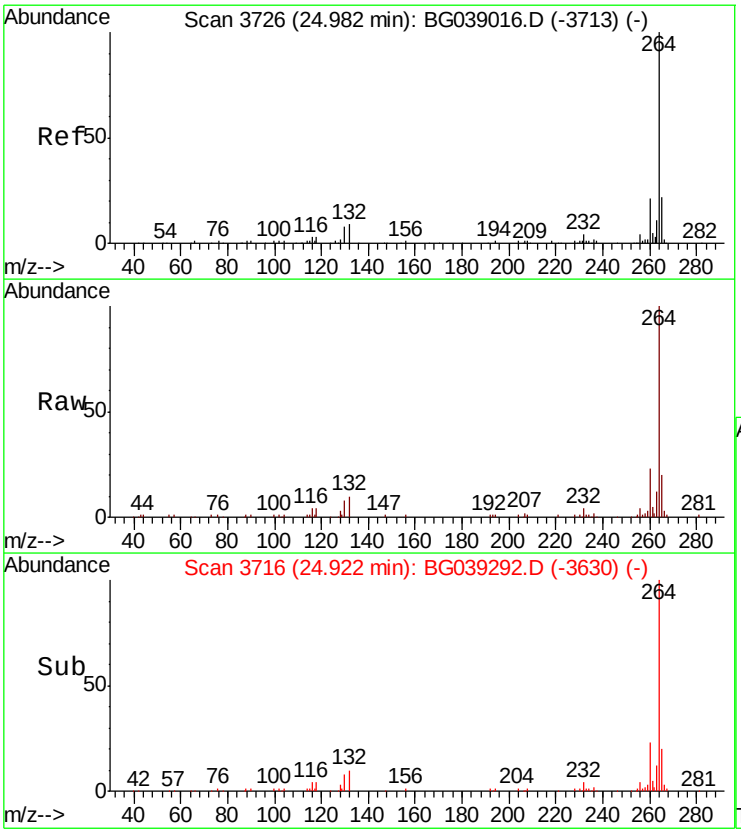
#79
Terphenyl-d14
Concen: 66.433 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tgt Ion:244 Resp: 422656

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.5	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:264 Resp: 134074

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.6
265	19.9	17.2	25.8