Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
Data File : BG039151.D
Acq On : 16 Jan 2019 7:37
Operator : JU/SJ
Sample : K1015-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-02-011119-A

Quant Time: Jan 16 08:15:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	7404	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	40691	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	36902	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	154056	20.00	ng	0.00
76) Chrysene-d12	21.69	240	187413	20.00	ng	-0.01
87) Perylene-d12	24.97	264	176856	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	76768	196.69	ng	0.00
7) Phenol-d6	7.18	99	96783	172.30	ng	0.00
23) Nitrobenzene-d5	9.20	82	69962	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	128194	207.24	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	249236	92.43	ng	0.00
79) Terphenyl-d14	20.02	244	1097992	108.38	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.34	79	926	2.189	ng	# 53
19) n-Nitroso-di-n-propylamine	9.20	70	9123	24.733	ng	# 61
51) 2,6-Dinitrotoluene	14.66	165	4614	6.618	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	4614	4.613	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	8181	4.131	ng	# 1
77) Benzidine	20.02	184	17555	3.062	ng	# 95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
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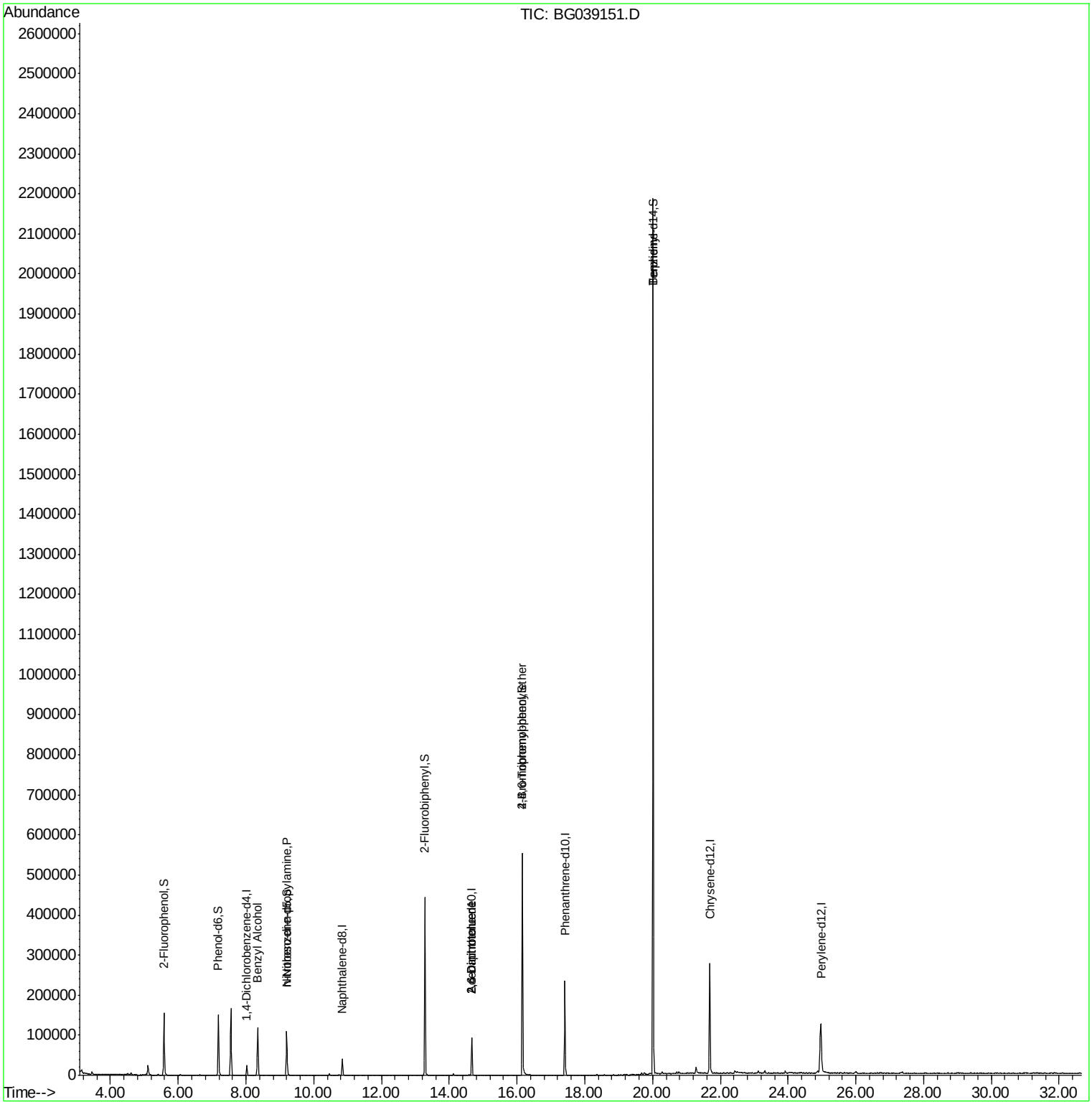
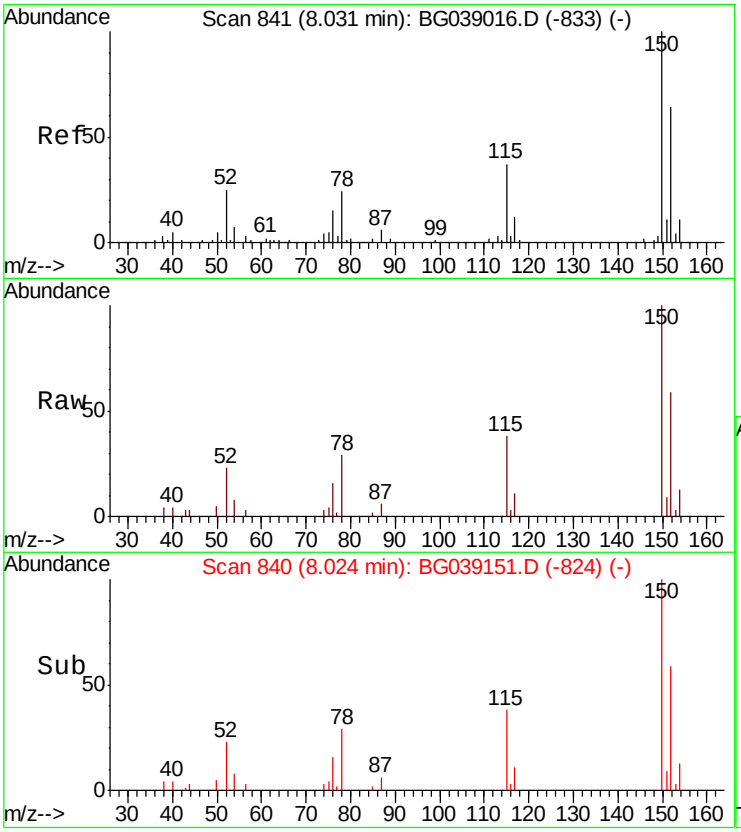


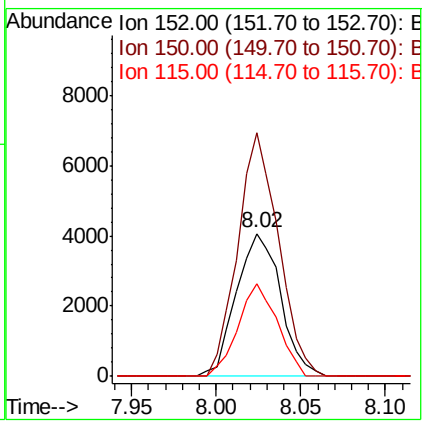


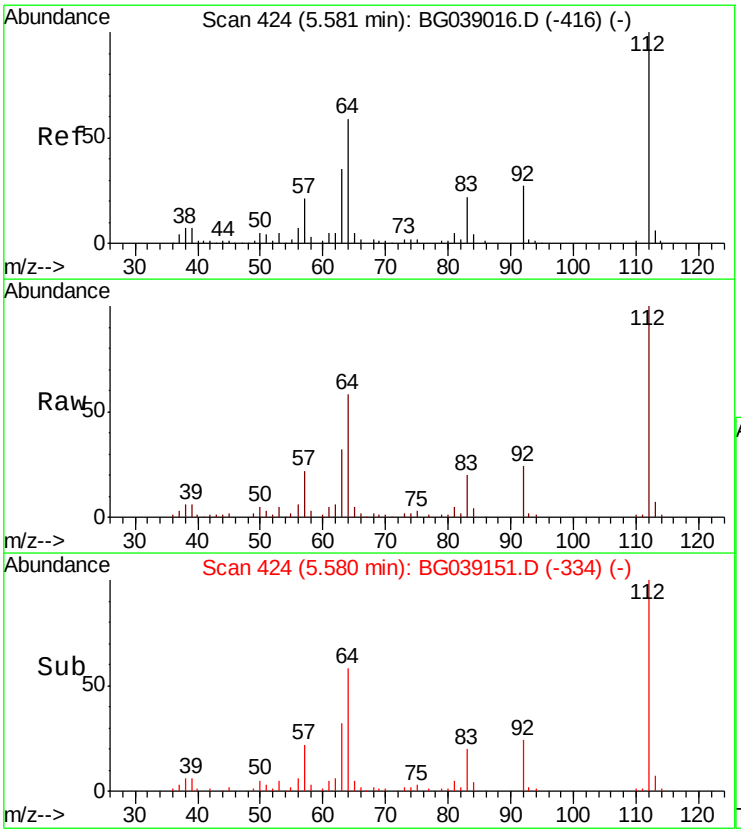
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion:152 Resp: 7404

Ion	Ratio	Lower	Upper
152	100		
150	170.2	124.7	187.1
115	64.7	46.5	69.7

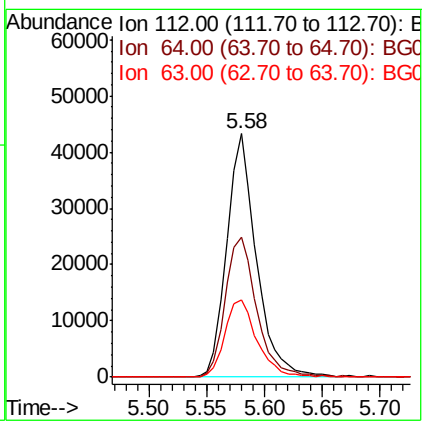


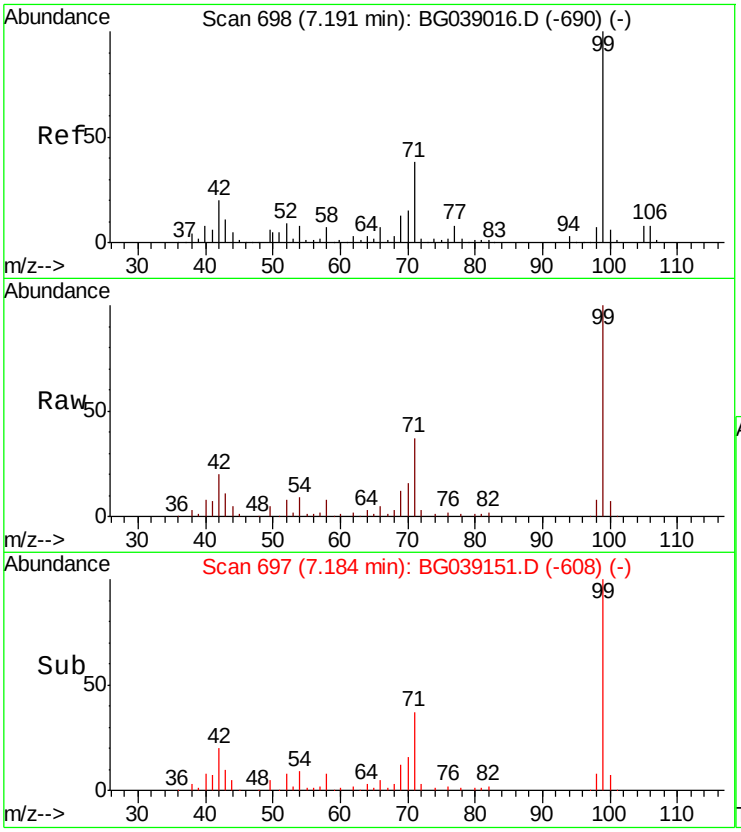


#5
2-Fluorophenol
Concen: 196.688 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:112 Resp: 76768

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.0	70.6
63	31.9	28.0	42.0



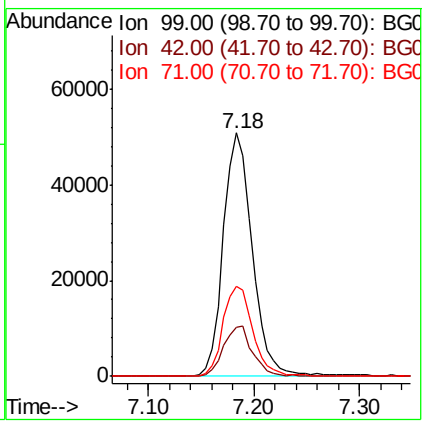


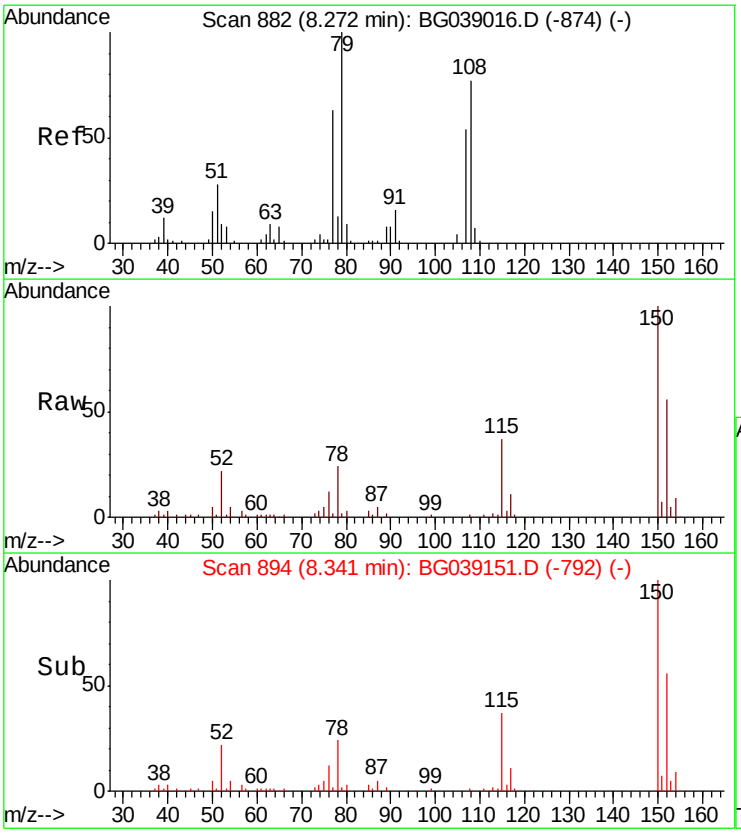
#7
Phenol-d6
Concen: 172.304 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion: 99 Resp: 96783

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	37.1	30.2	45.4

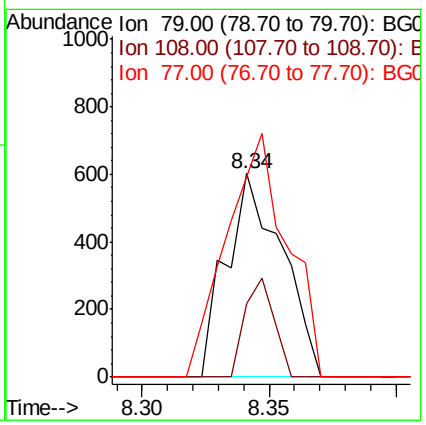


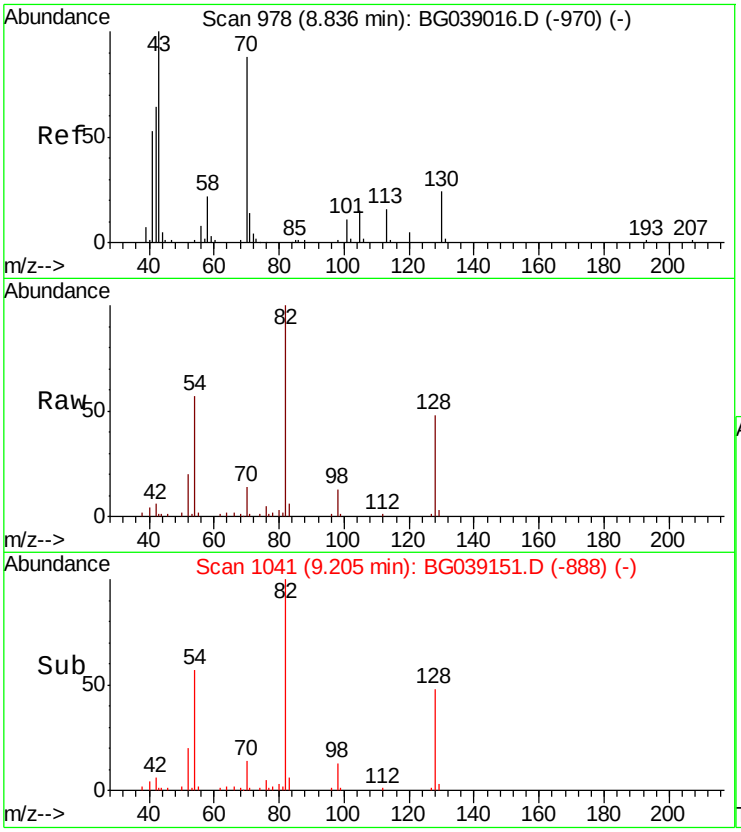


#15
Benzyl Alcohol
Concen: 2.189 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.07 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion: 79 Resp: 926

Ion	Ratio	Lower	Upper
79	100		
108	36.0	62.0	93.0#
77	98.3	50.1	75.1#



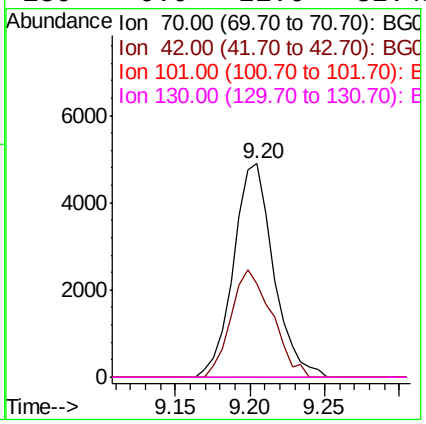


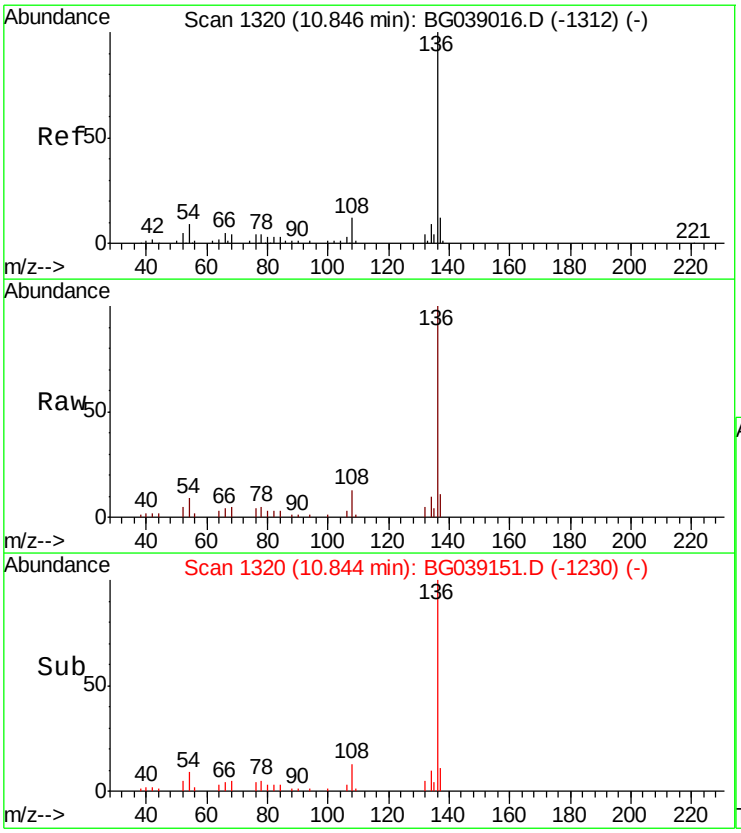
#19
n-Nitroso-di-n-propylamine
Concen: 24.733 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion: 70 Resp: 9123

Ion	Ratio	Lower	Upper
70	100		
42	43.9	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#

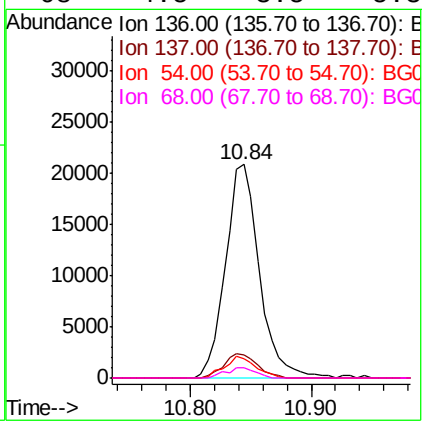


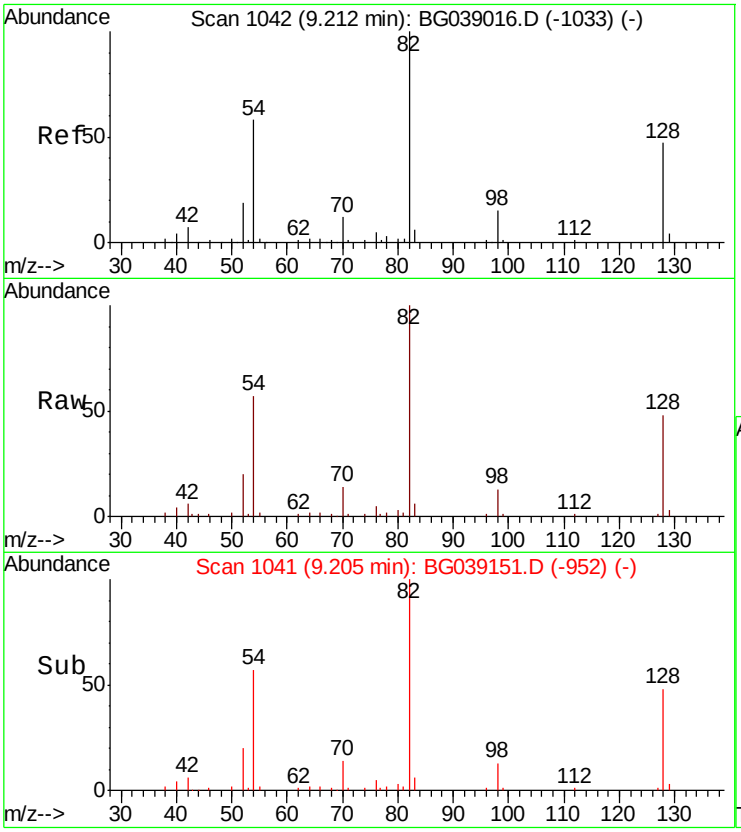


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:136 Resp: 40691

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	8.8	7.2	10.8
68	4.5	3.5	5.3



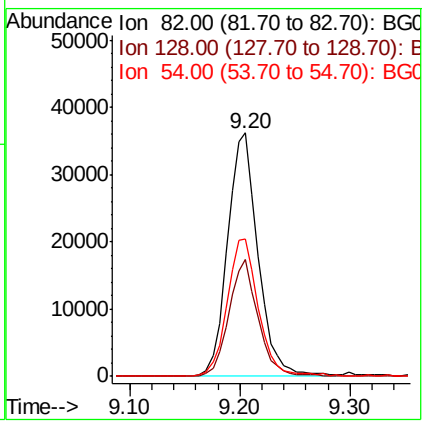


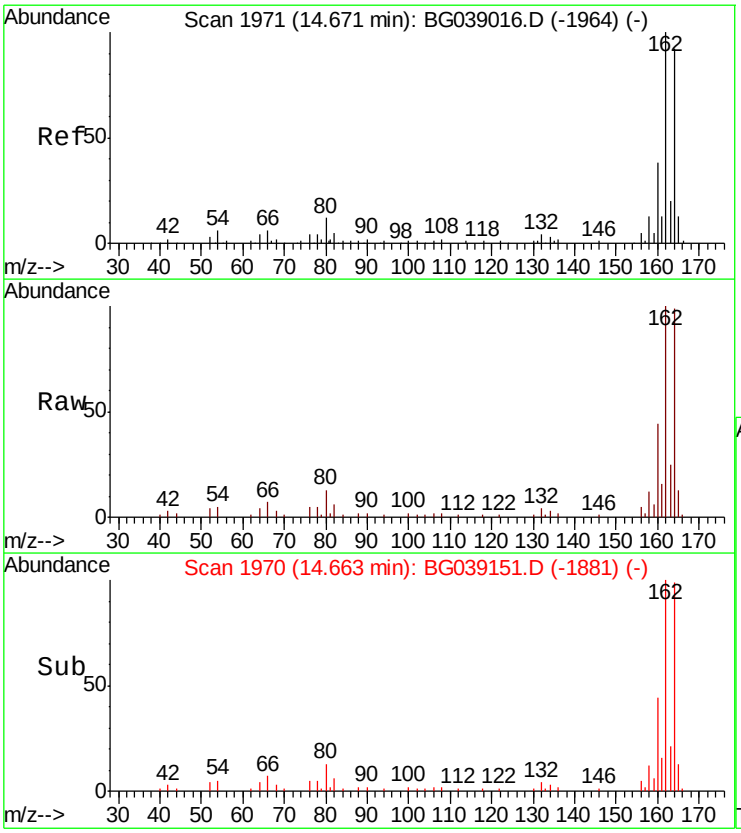
#23
Nitrobenzene-d5
Concen: 94.082 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion: 82 Resp: 69962

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.3	55.9
54	56.6	46.4	69.6

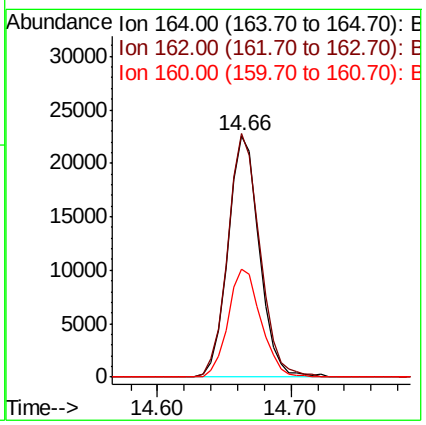


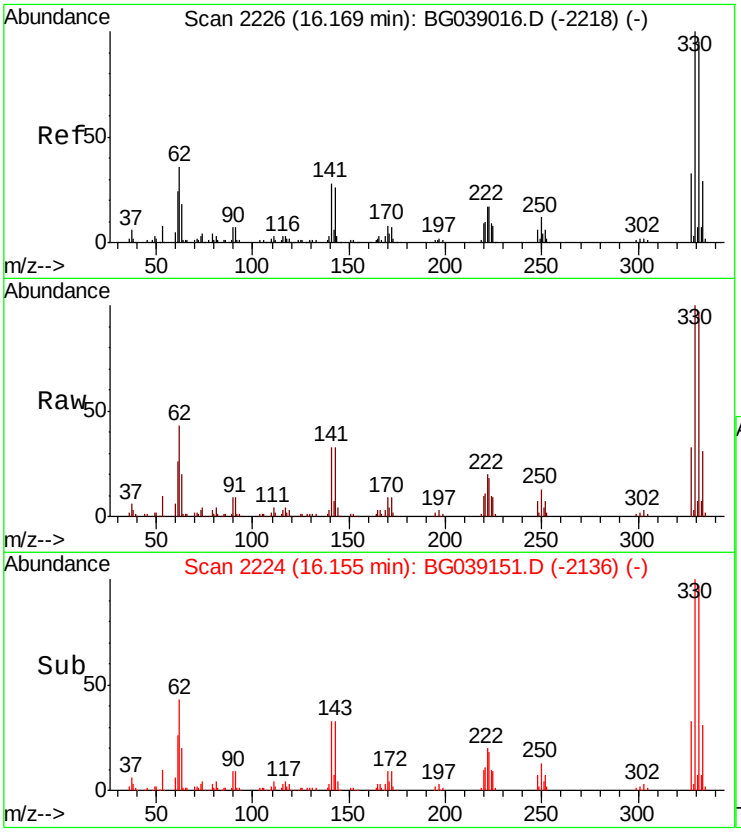


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:164 Resp: 36902

Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.2	130.8
160	44.6	33.3	49.9



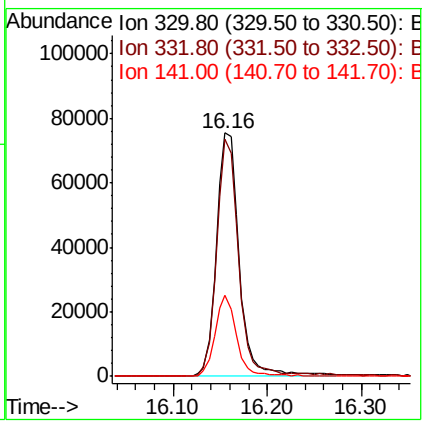


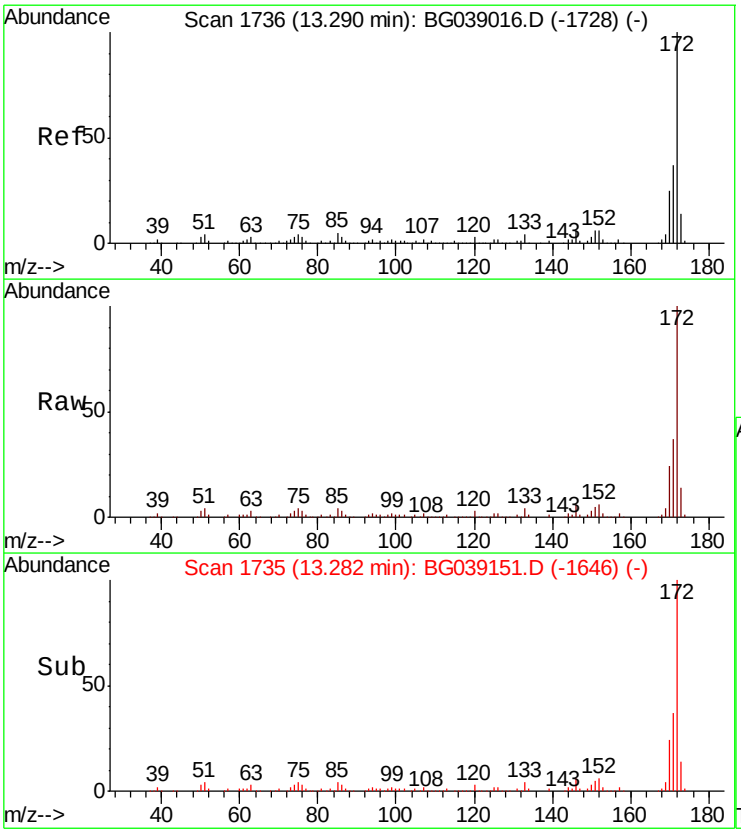
#42
2,4,6-Tribromophenol
Concen: 207.239 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion:330 Resp: 128194

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.7	113.5
141	30.7	24.9	37.3

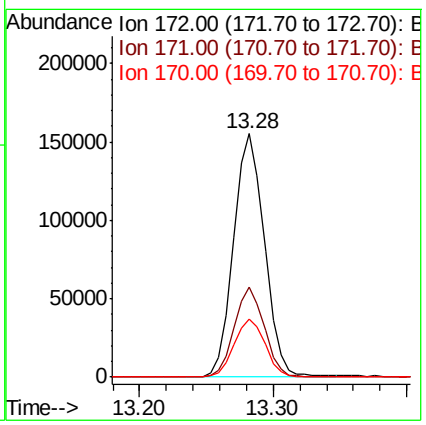


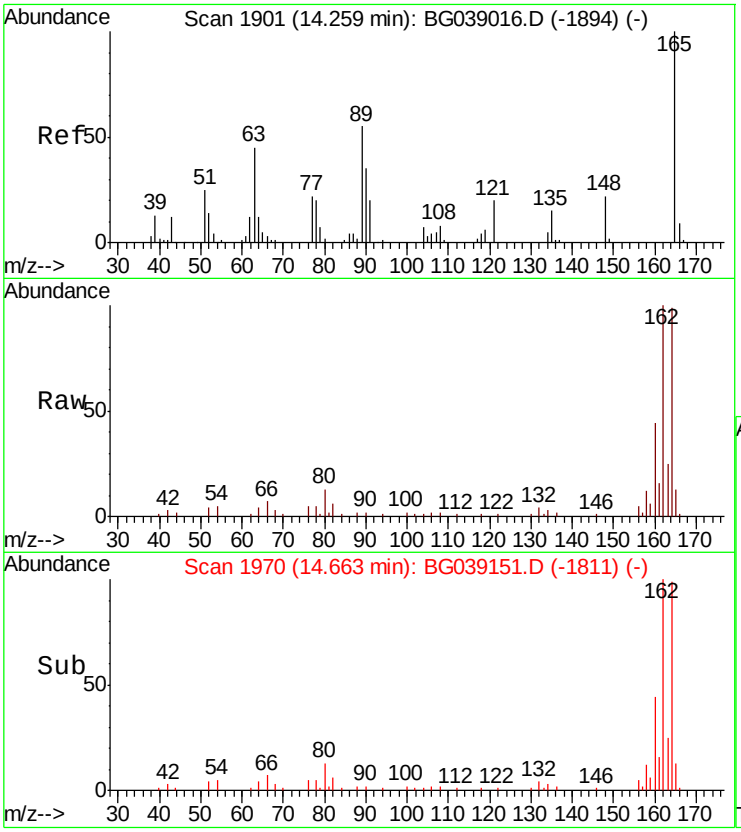


#45
2-Fluorobiphenyl
Concen: 92.433 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:172 Resp: 249236

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	23.6	20.1	30.1



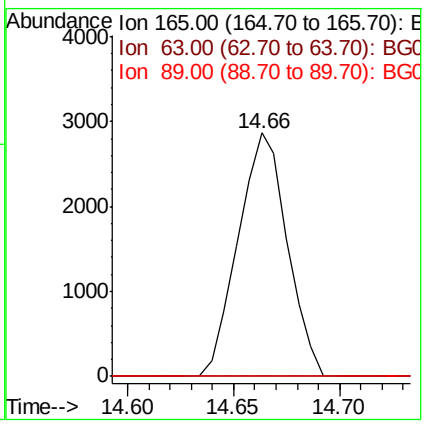


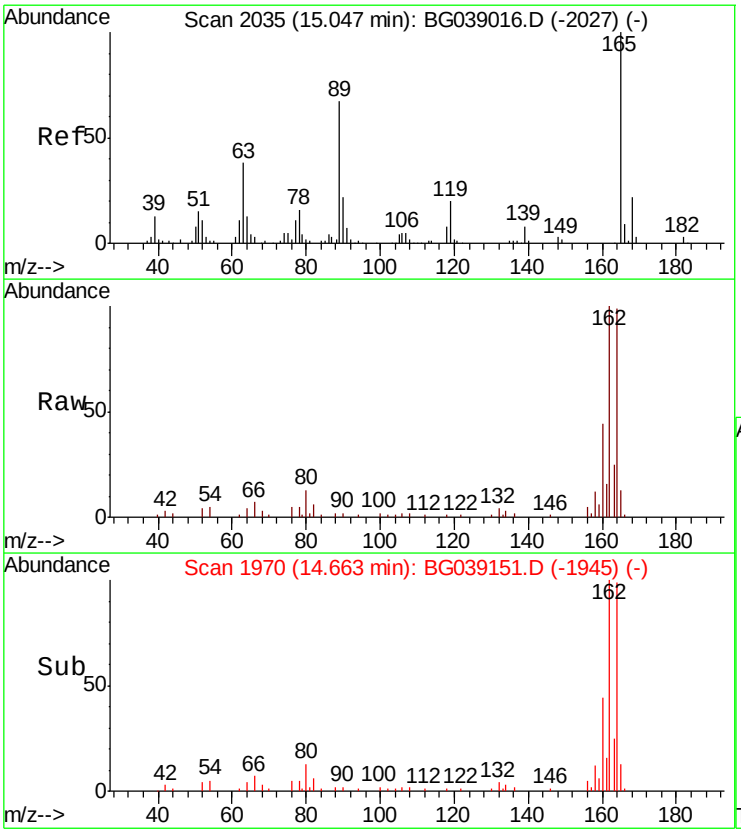
#51
2,6-Dinitrotoluene
Concen: 6.618 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument : MSVOA_X
ClientSampleId : SU-02-011119-A

Tgt Ion:165 Resp: 4614

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

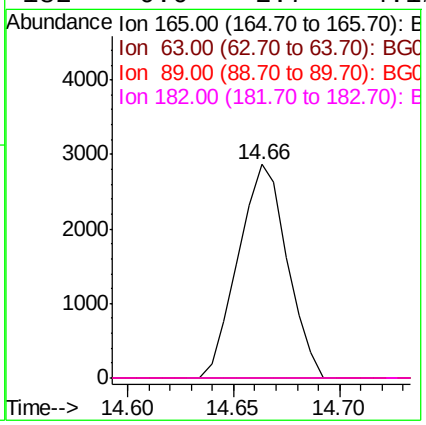


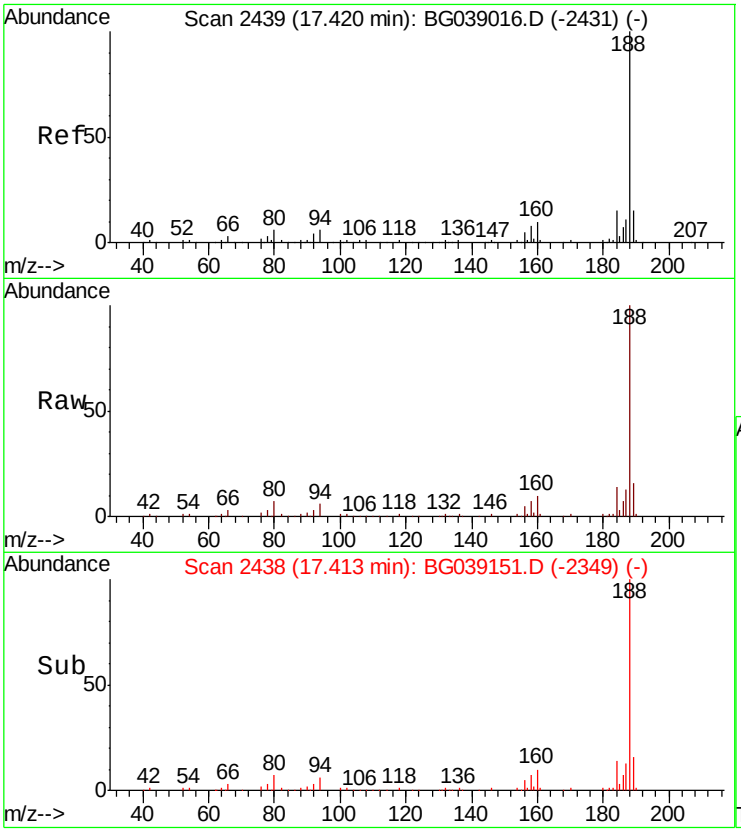


#57
2,4-Dinitrotoluene
Concen: 4.613 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:165 Resp: 4614

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#



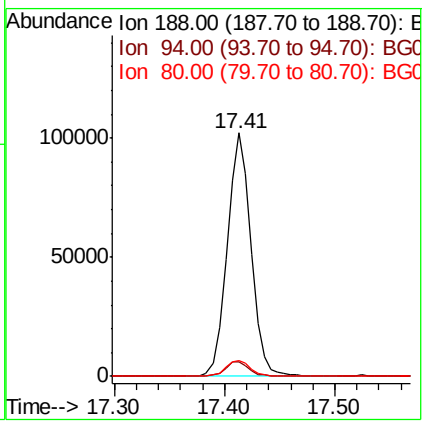


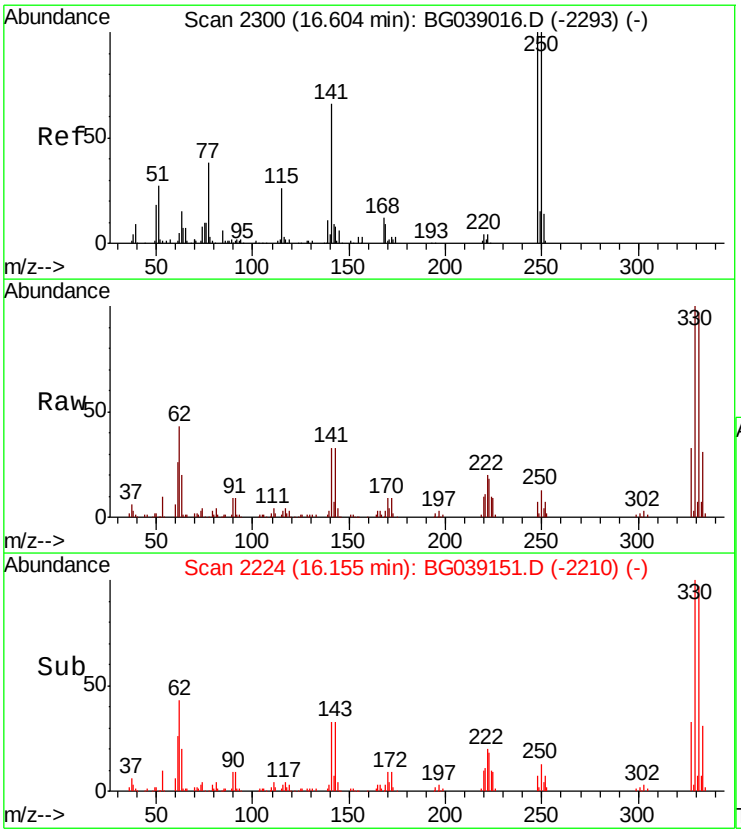
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion:188 Resp: 154056

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	6.6	4.7	7.1

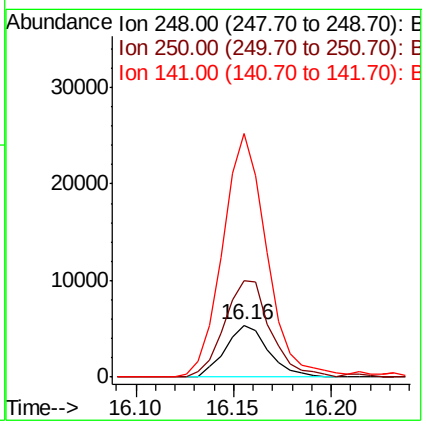


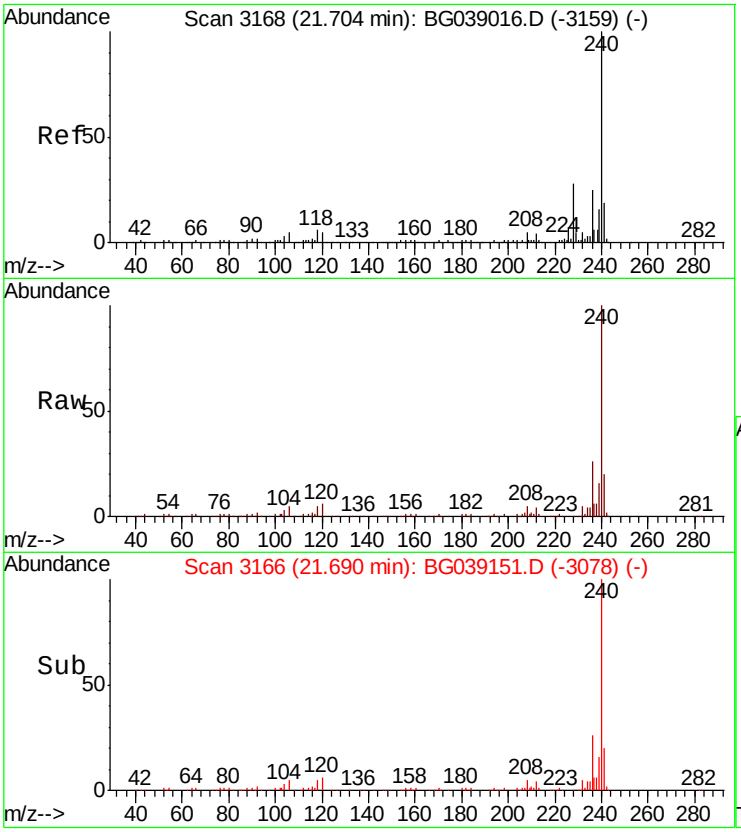


#67
4-Bromophenyl-phenylether
Concen: 4.131 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:248 Resp: 8181

Ion	Ratio	Lower	Upper
248	100		
250	141.9	79.9	119.9#
141	356.0	52.7	79.1#



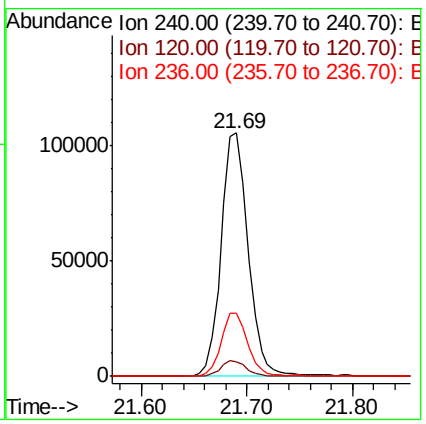


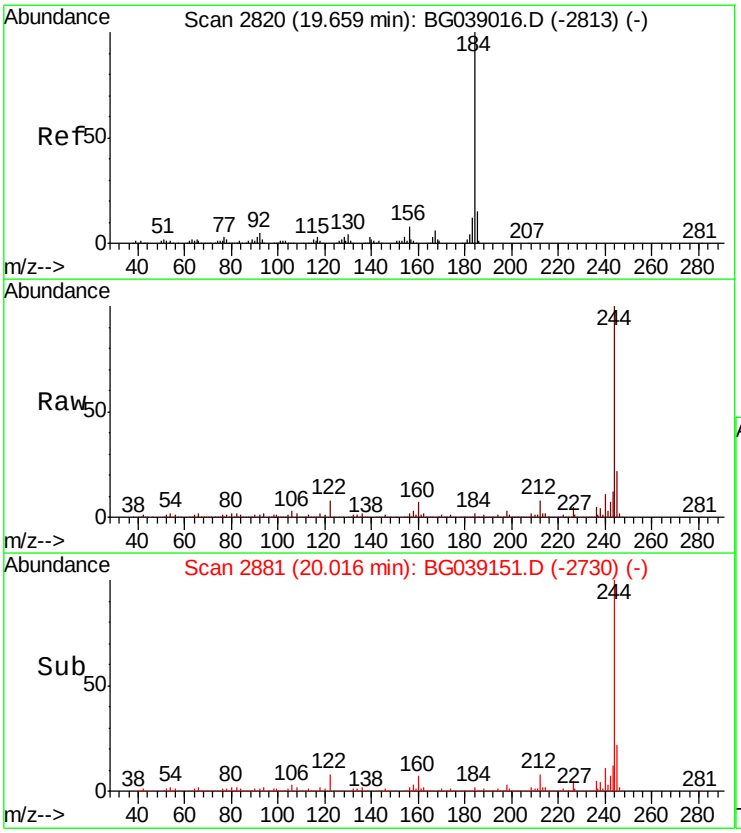
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion:240 Resp: 187413

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.3	6.5
236	25.7	20.1	30.1

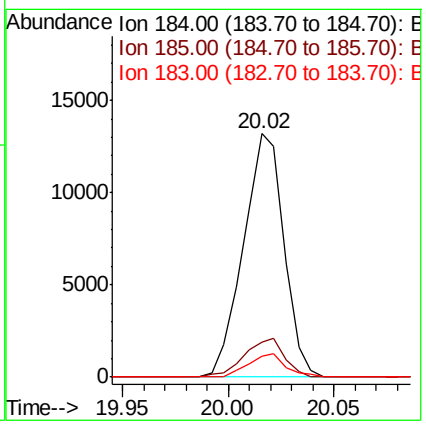


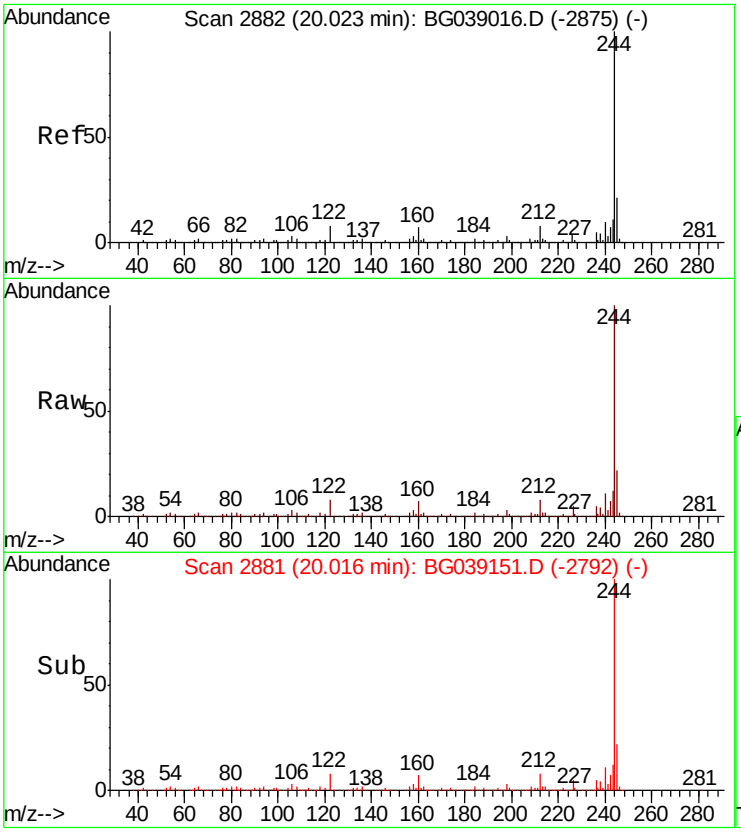


#77
Benzidine
Concen: 3.062 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:184 Resp: 17555

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.1	18.1
183	8.3	9.5	14.3#



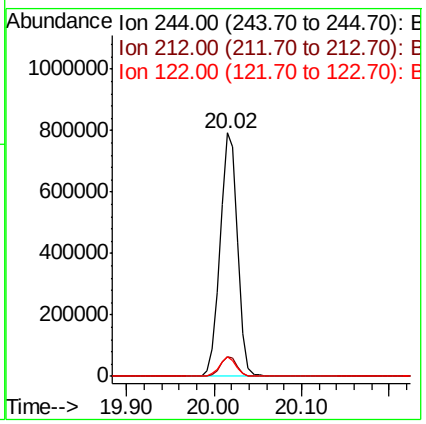


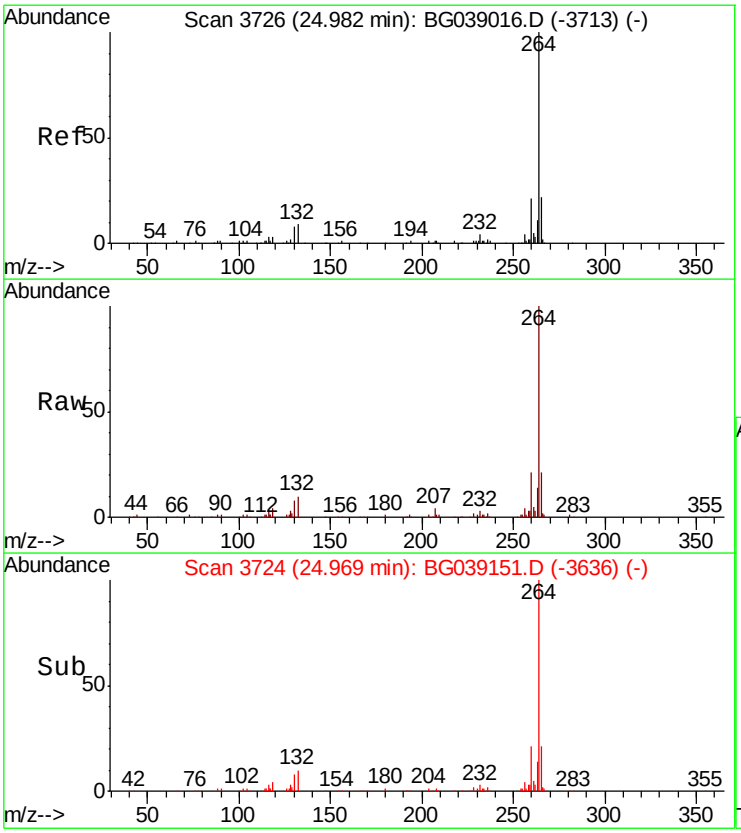
#79
Terphenyl-d14
Concen: 108.379 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-A

Tgt Ion:244 Resp: 1097992

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	7.8	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039151.D
Acq: 16 Jan 2019 7:37

Tgt Ion:264 Resp: 176856

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.0	25.6
265	21.1	17.2	25.8