Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
Data File : BG039150.D
Acq On : 16 Jan 2019 6:58
Operator : JU/SJ
Sample : K1007-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : NB-07-011419

Quant Time: Jan 16 07:35:15 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	6693	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	27682	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	29114	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	160110	20.00	ng	0.00
76) Chrysene-d12	21.69	240	186835	20.00	ng	-0.01
87) Perylene-d12	24.96	264	181529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	55419	157.07	ng	0.00
7) Phenol-d6	7.18	99	76654	150.97	ng	0.00
23) Nitrobenzene-d5	9.20	82	54587	107.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	106765	218.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	170909	80.34	ng	0.00
79) Terphenyl-d14	20.02	244	995558	98.57	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	828	2.165	ng	# 14
19) n-Nitroso-di-n-propylamine	9.20	70	6934	20.796	ng	# 63
51) 2,6-Dinitrotoluene	14.66	165	3973	7.223	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	3973	5.035	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	7181	3.489	ng	# 1
77) Benzidine	20.02	184	16166	2.829	ng	# 95

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

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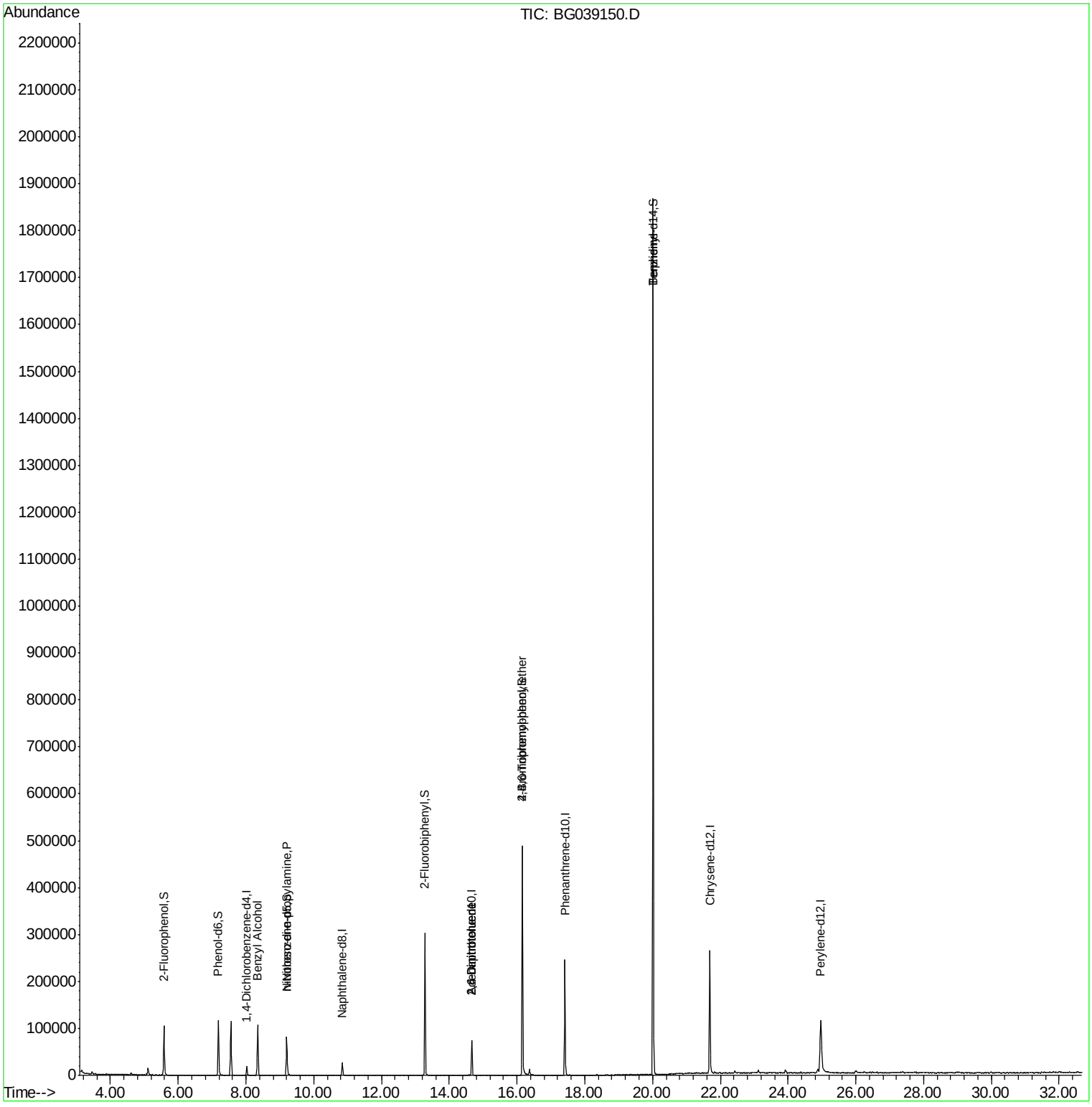
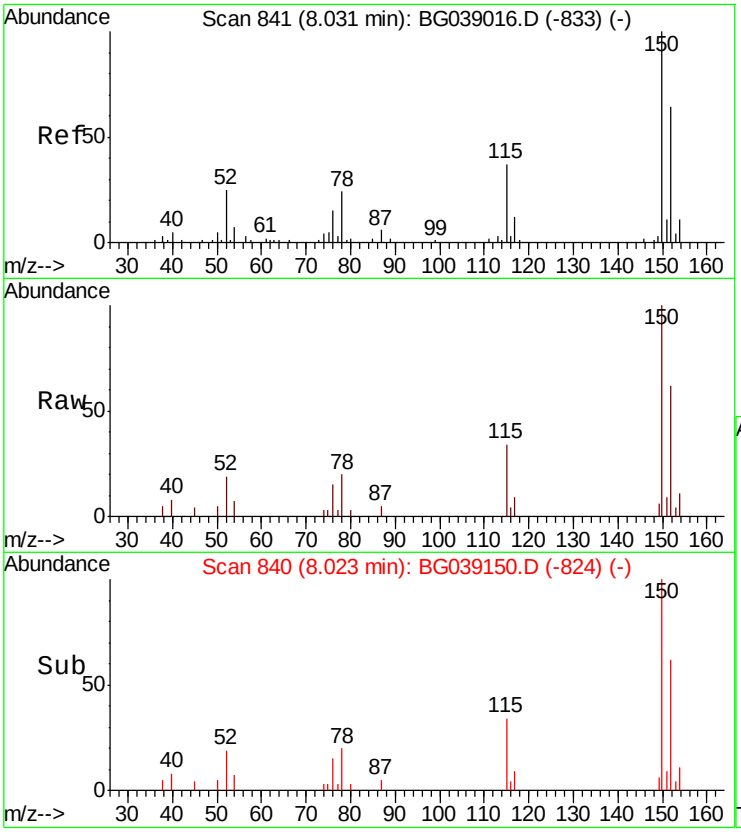


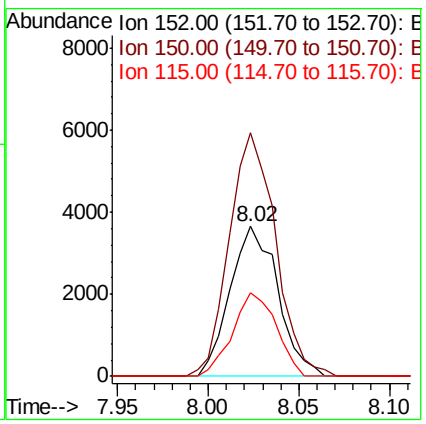


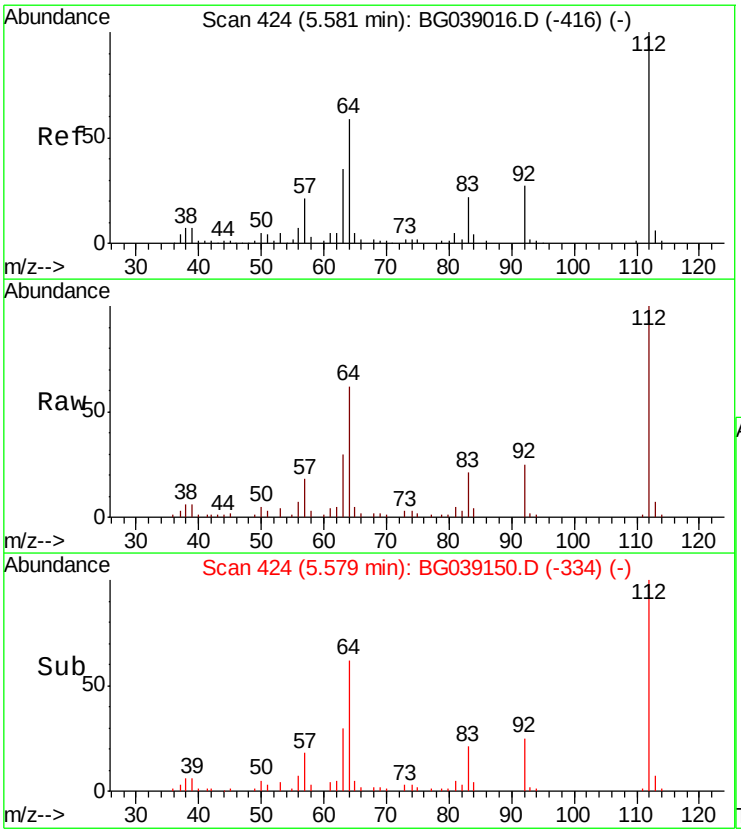
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:152 Resp: 6693

Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.7	187.1
115	55.4	46.5	69.7

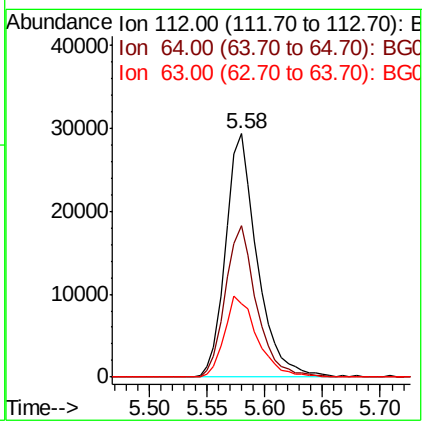


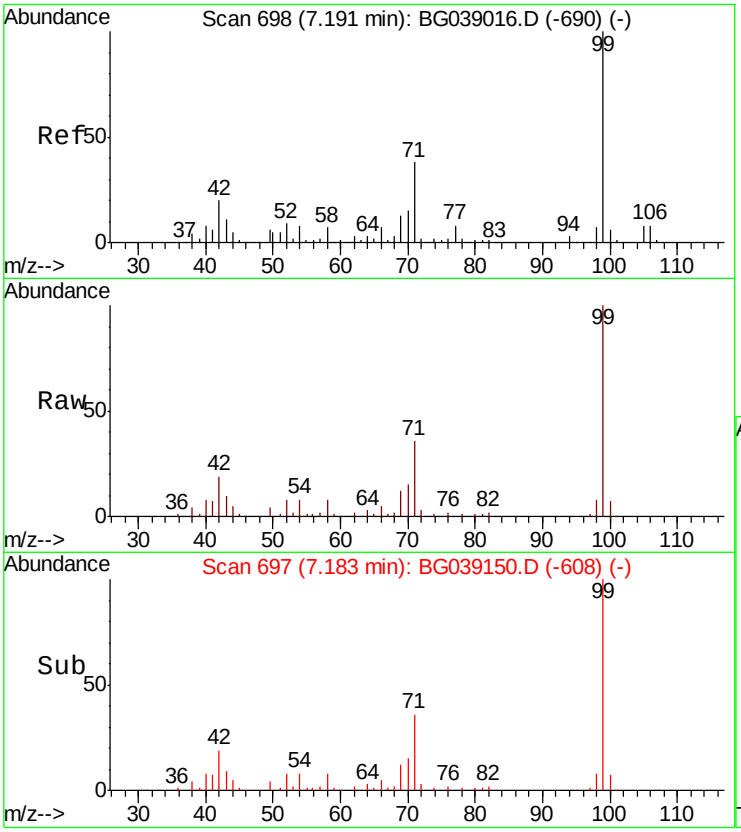


#5
2-Fluorophenol
Concen: 157.073 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:112 Resp: 55419

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.0	70.6
63	30.1	28.0	42.0



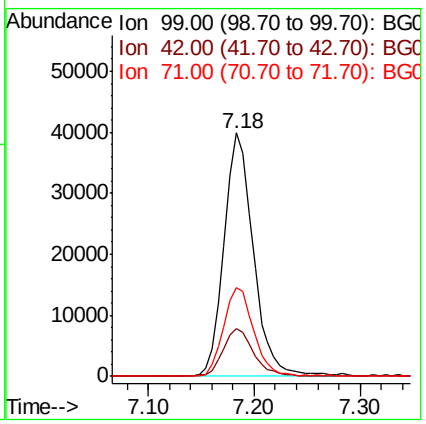


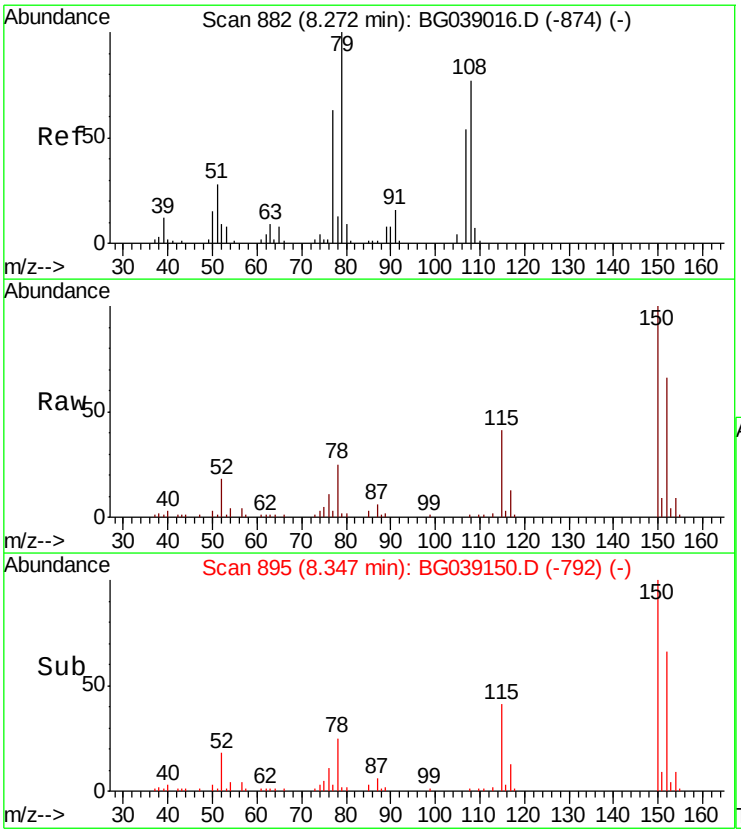
#7
Phenol-d6
Concen: 150.965 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion: 99 Resp: 76654

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.4	30.2	45.4

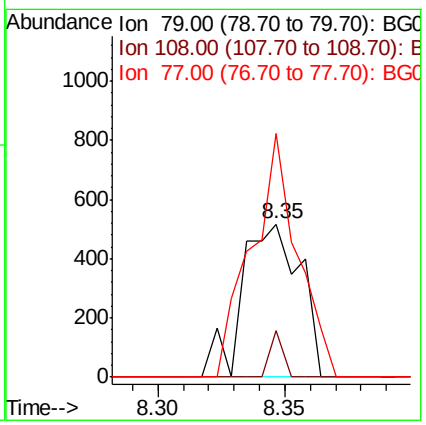


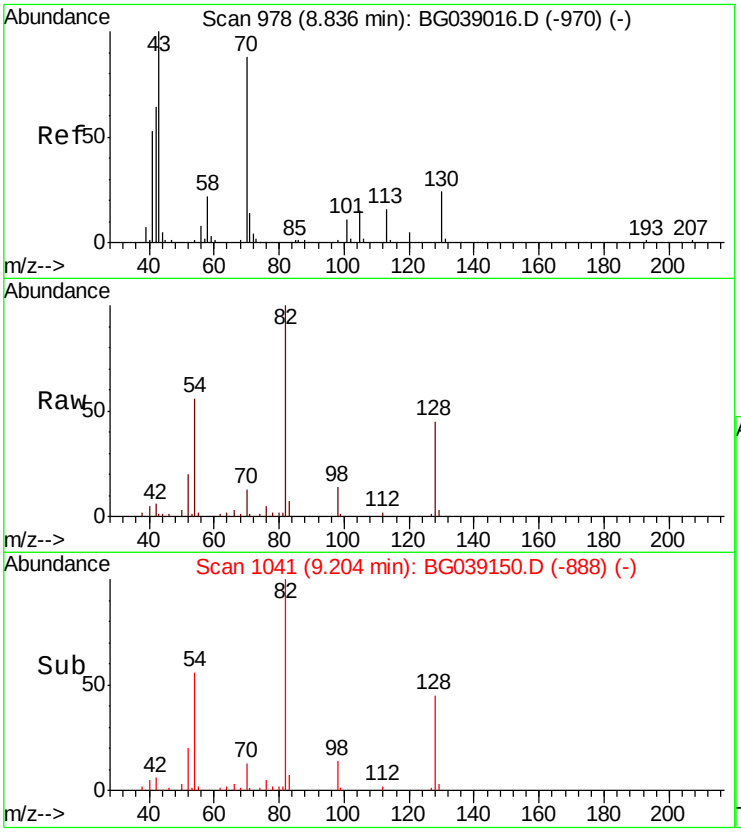


#15
Benzyl Alcohol
Concen: 2.165 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion: 79 Resp: 828

Ion	Ratio	Lower	Upper
79	100		
108	29.9	62.0	93.0#
77	158.9	50.1	75.1#



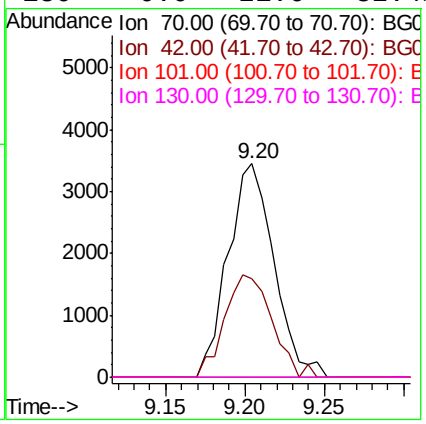


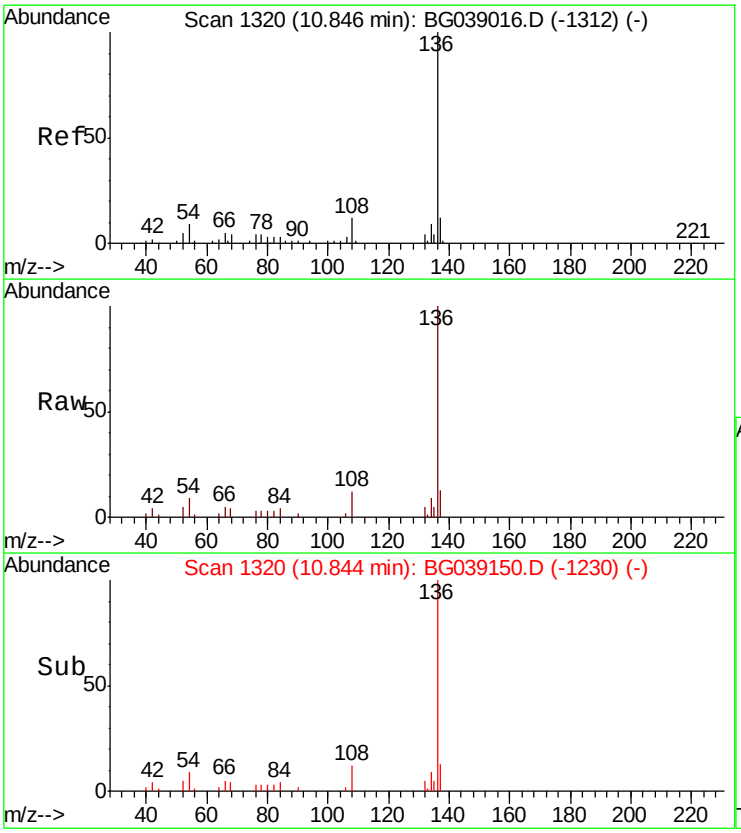
#19
n-Nitroso-di-n-propylamine
Concen: 20.796 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion: 70 Resp: 6934

Ion	Ratio	Lower	Upper
70	100		
42	46.2	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#

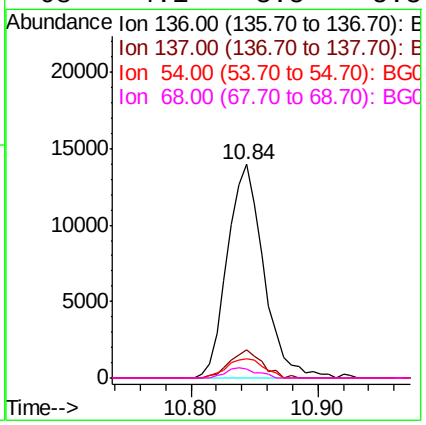


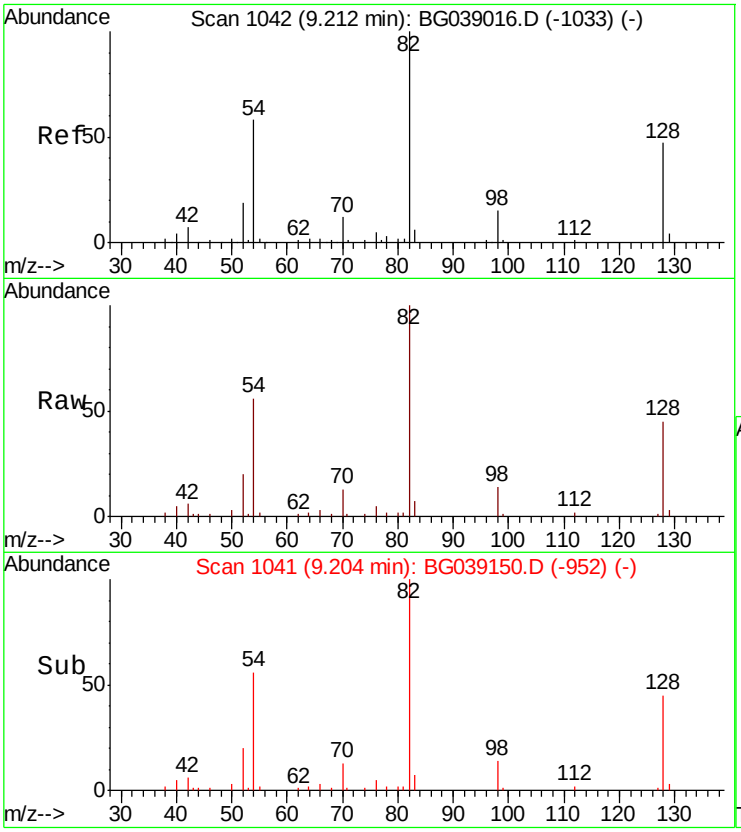


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:136 Resp: 27682

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.4	14.2
54	9.0	7.2	10.8
68	4.1	3.5	5.3



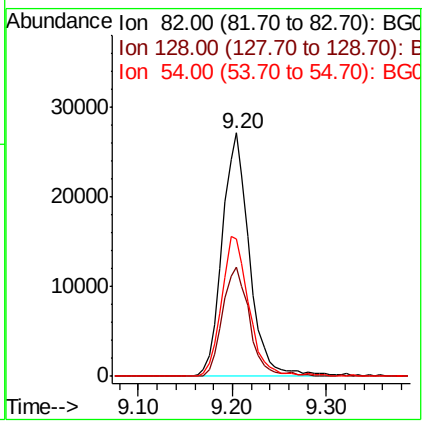


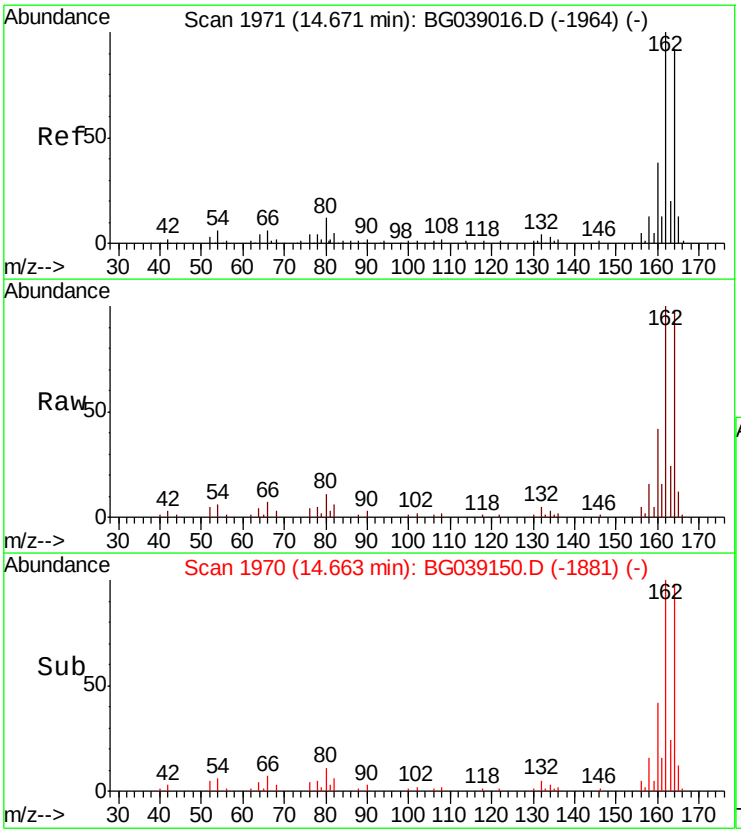
#23
Nitrobenzene-d5
Concen: 107.903 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion: 82 Resp: 54587

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.3	55.9
54	56.2	46.4	69.6

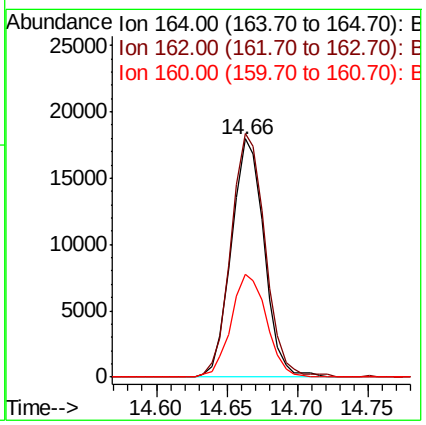


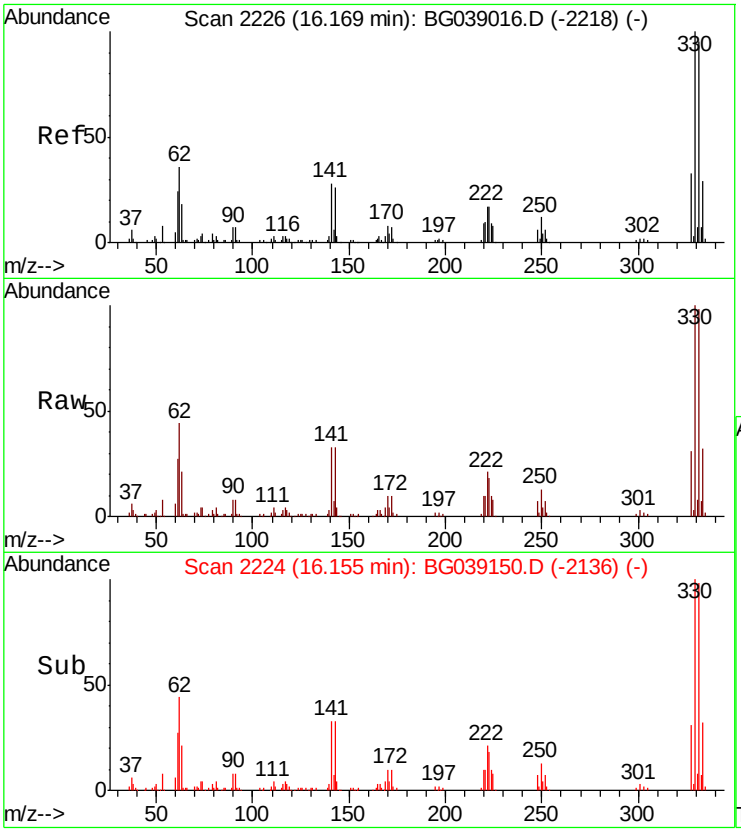


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:164 Resp: 29114

Ion	Ratio	Lower	Upper
164	100		
162	102.2	87.2	130.8
160	43.0	33.3	49.9



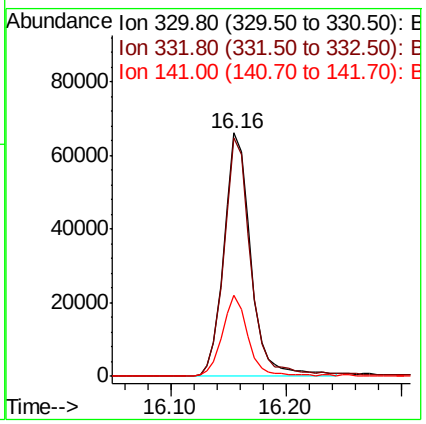


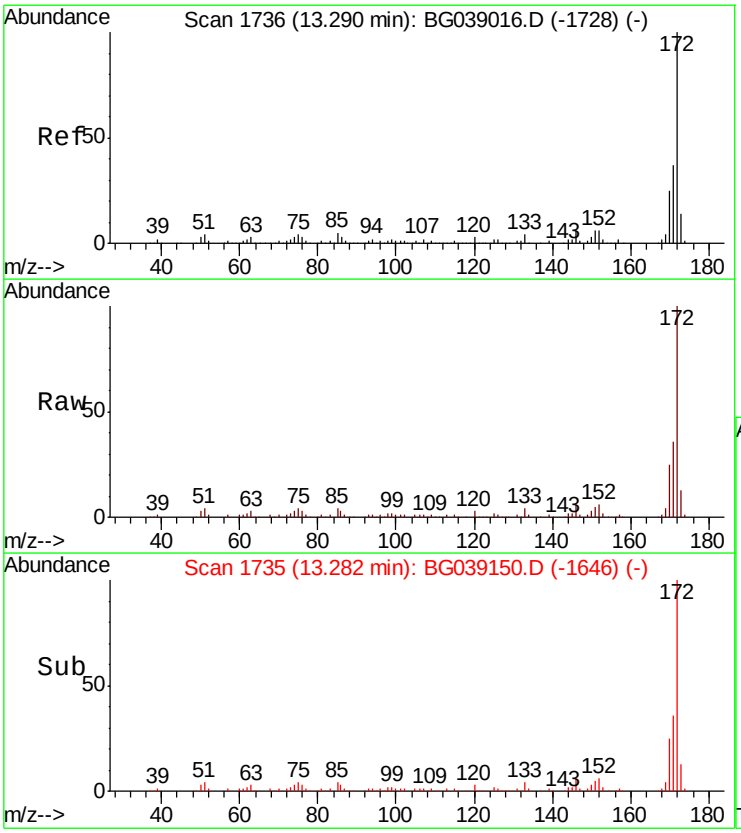
#42
2,4,6-Tribromophenol
Concen: 218.767 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:330 Resp: 106765

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.7	113.5
141	32.0	24.9	37.3

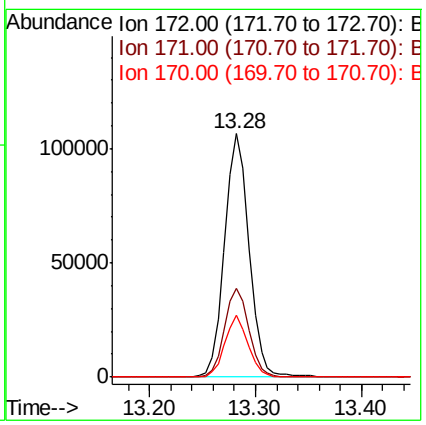


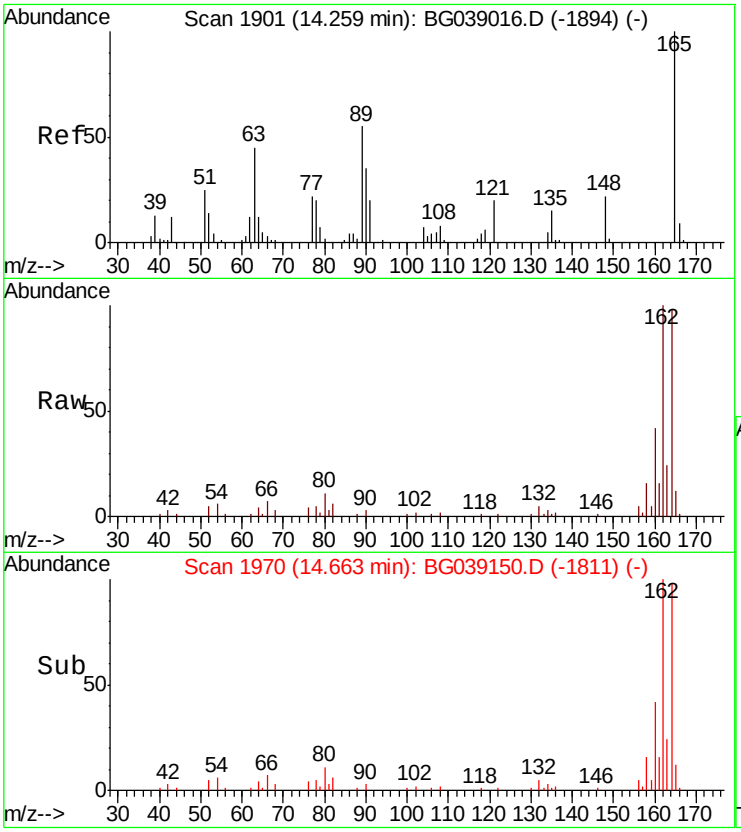


#45
2-Fluorobiphenyl
Concen: 80.339 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:172 Resp: 170909

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	25.2	20.1	30.1



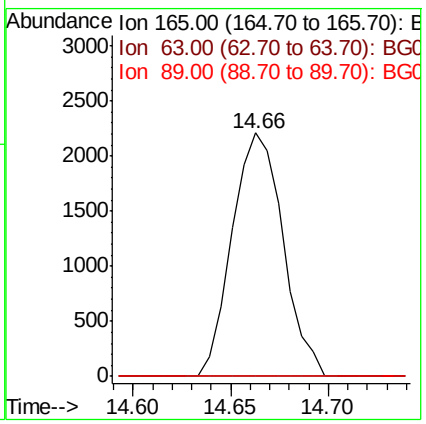


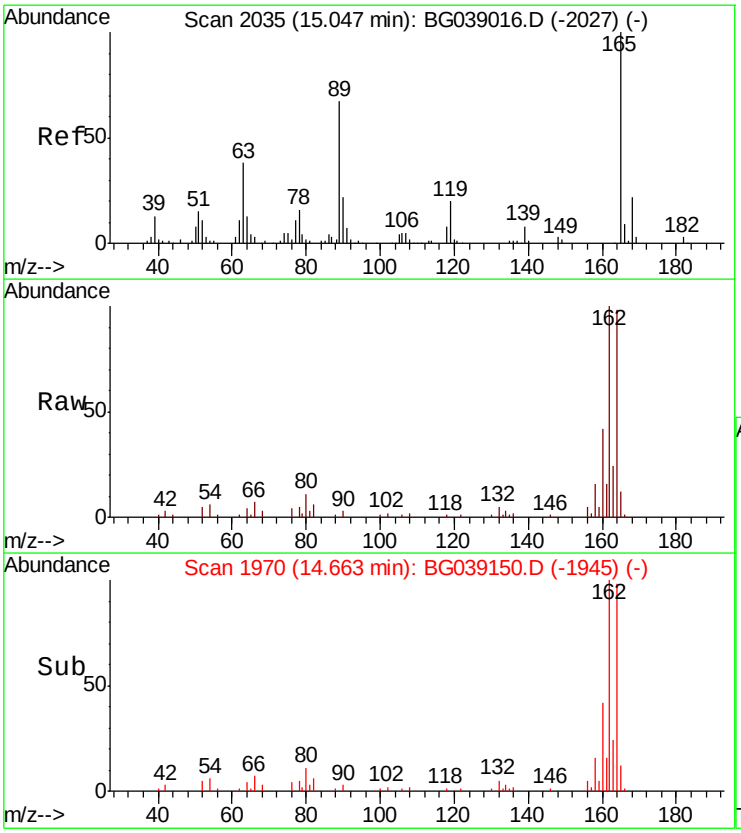
#51
2,6-Dinitrotoluene
Concen: 7.223 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:165 Resp: 3973

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

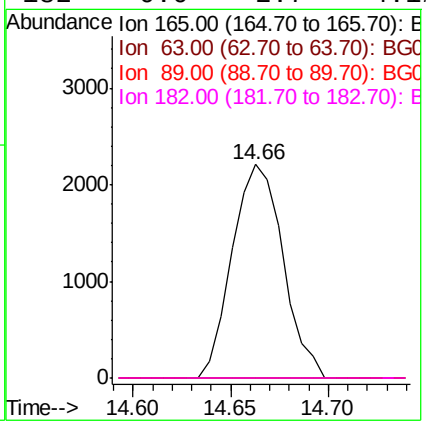


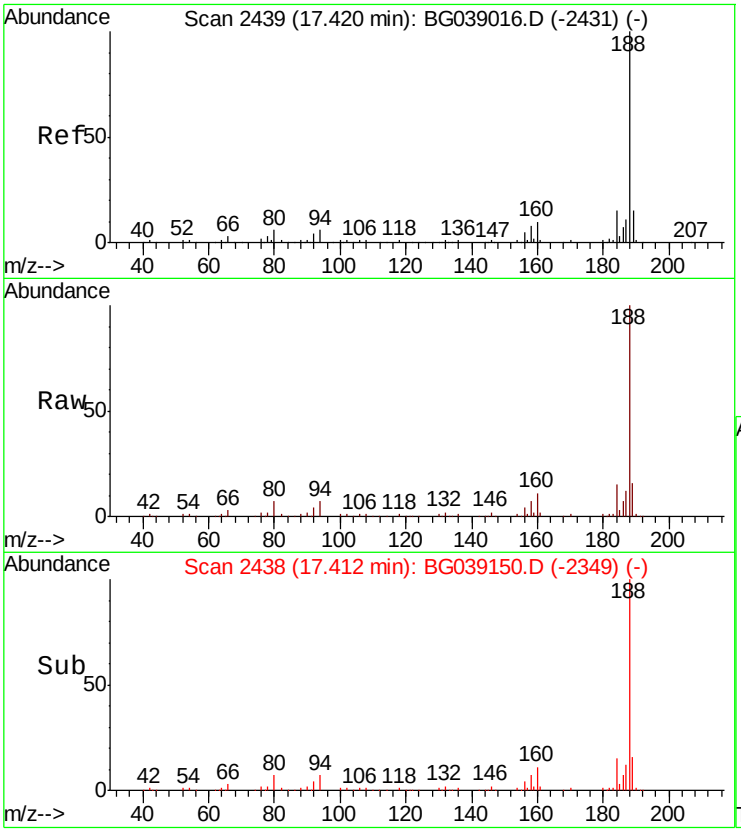


#57
2,4-Dinitrotoluene
Concen: 5.035 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:165 Resp: 3973

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#



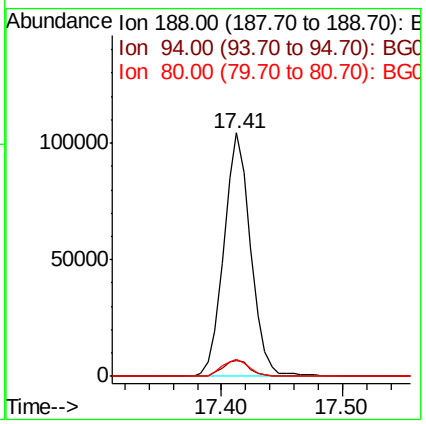


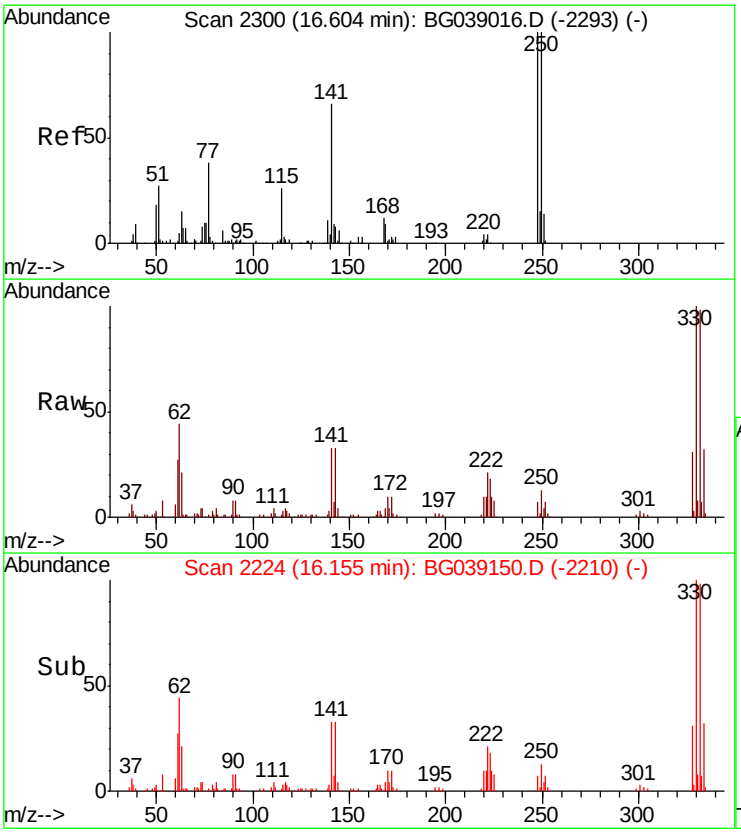
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:188 Resp: 160110

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.0	7.4
80	7.1	4.7	7.1#

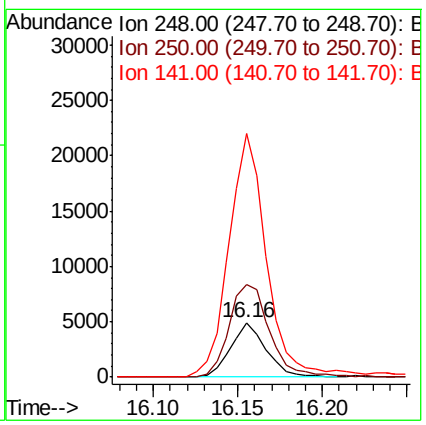


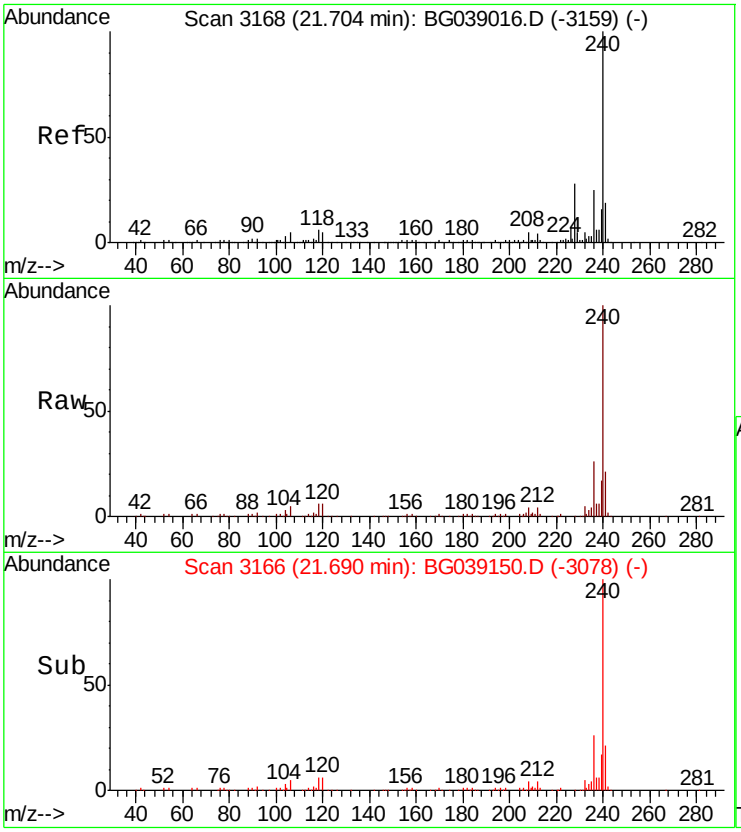


#67
4-Bromophenyl-phenylether
Concen: 3.489 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:248 Resp: 7181

Ion	Ratio	Lower	Upper
248	100		
250	175.0	79.9	119.9#
141	352.6	52.7	79.1#



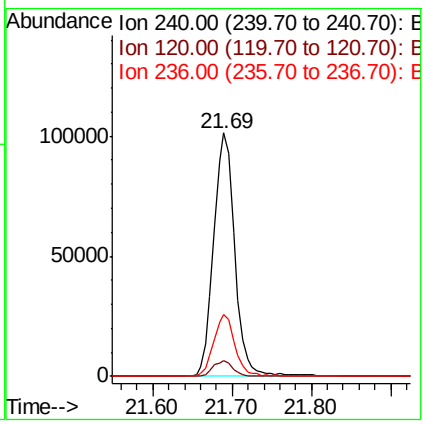


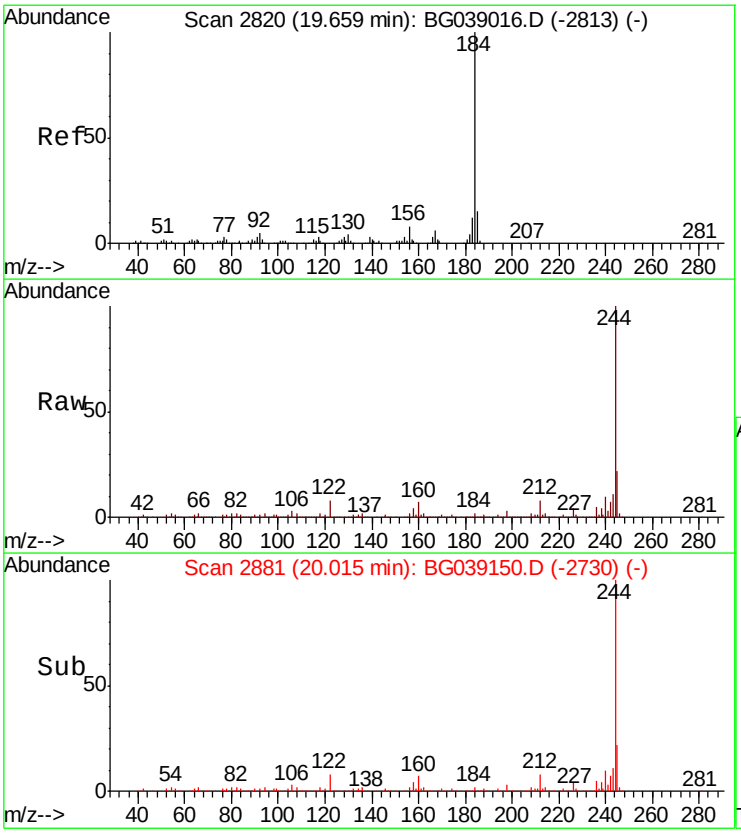
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:240 Resp: 186835

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.3	6.5
236	25.5	20.1	30.1

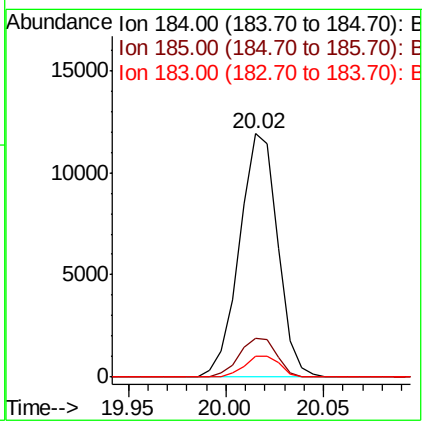


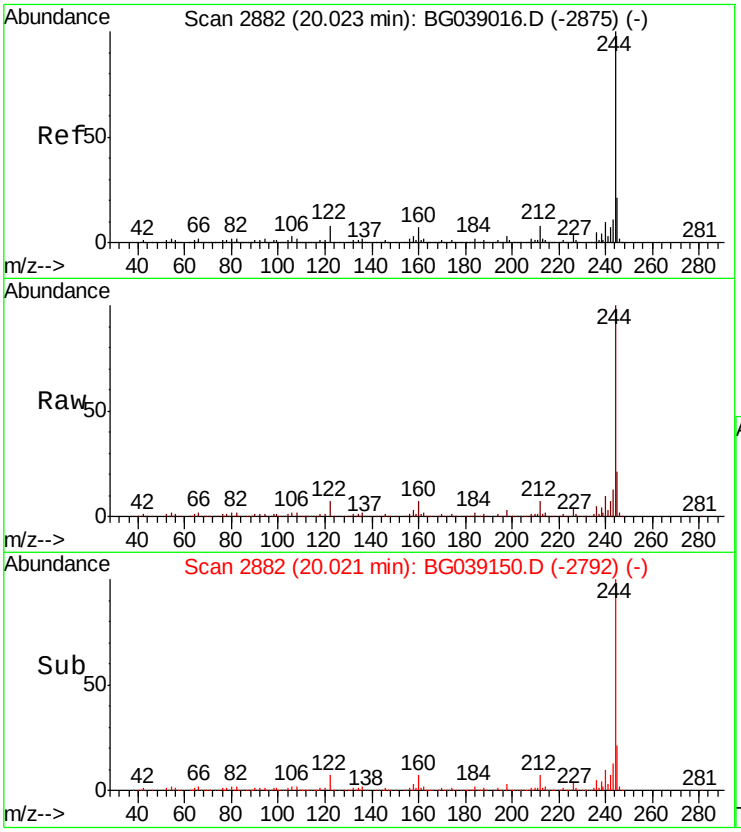


#77
Benzidine
Concen: 2.829 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:184 Resp: 16166

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.1	18.1
183	8.5	9.5	14.3#



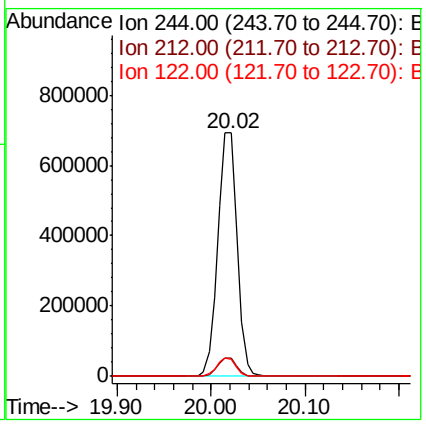


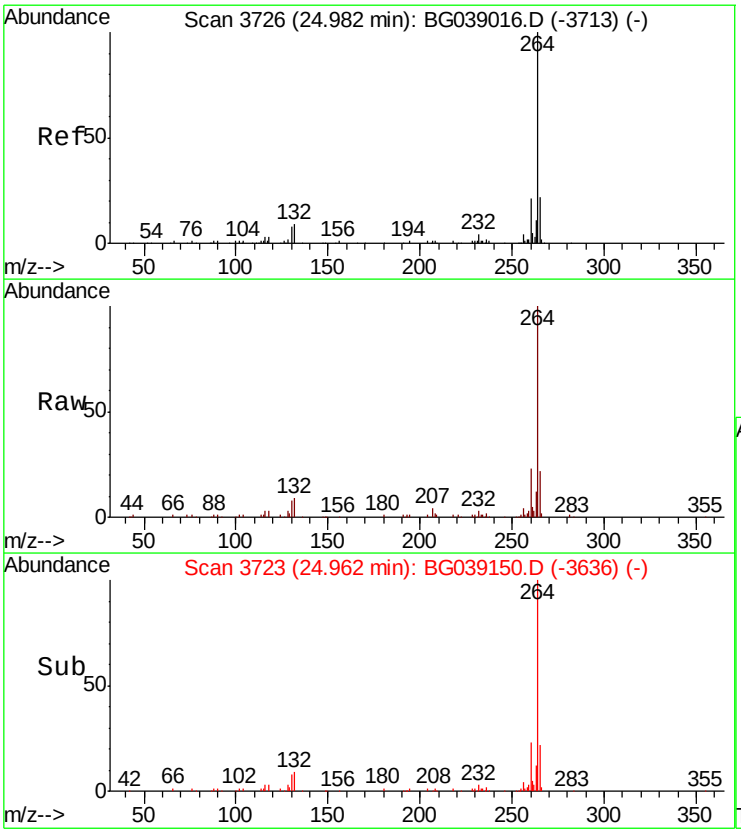
#79
Terphenyl-d14
Concen: 98.572 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Instrument :
MSVOA_X
ClientSampleId :
NB-07-011419

Tgt Ion:244 Resp: 995558

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.8	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039150.D
Acq: 16 Jan 2019 6:58

Tgt Ion:264 Resp: 181529

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.8	17.2	25.8