Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
Data File : BG039282.D
Acq On : 25 Jan 2019 17:22
Operator : JU/SJ
Sample : K1233-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SANDHILL-RO-1-8

Quant Time: Jan 28 03:13:57 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	8.01	152	15094	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	58987	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	40316	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	117865	20.00	ng		0.00
76) Chrysene-d12	21.67	240	123484	20.00	ng		-0.02
87) Perylene-d12	24.93	264	144913	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	118666	149.14	ng		0.00
7) Phenol-d6	7.17	99	163843	143.08	ng		0.00
23) Nitrobenzene-d5	9.18	82	107664	99.87	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	113323	167.69	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	263608	89.48	ng		0.00
79) Terphenyl-d14	20.00	244	527860	79.08	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	2737	2.384	ng		75
19) n-Nitroso-di-n-propylamine	9.18	70	13943	18.542	ng	#	66
50) Dimethylphthalate	14.10	163	24980	7.332	ng		99
57) 2,4-Dinitrotoluene	14.64	165	4936	4.517	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	7814	5.157	ng	#	1
77) Benzidine	20.00	184	8713	2.307	ng	#	92

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

Quantitation Report (Not Reviewed)

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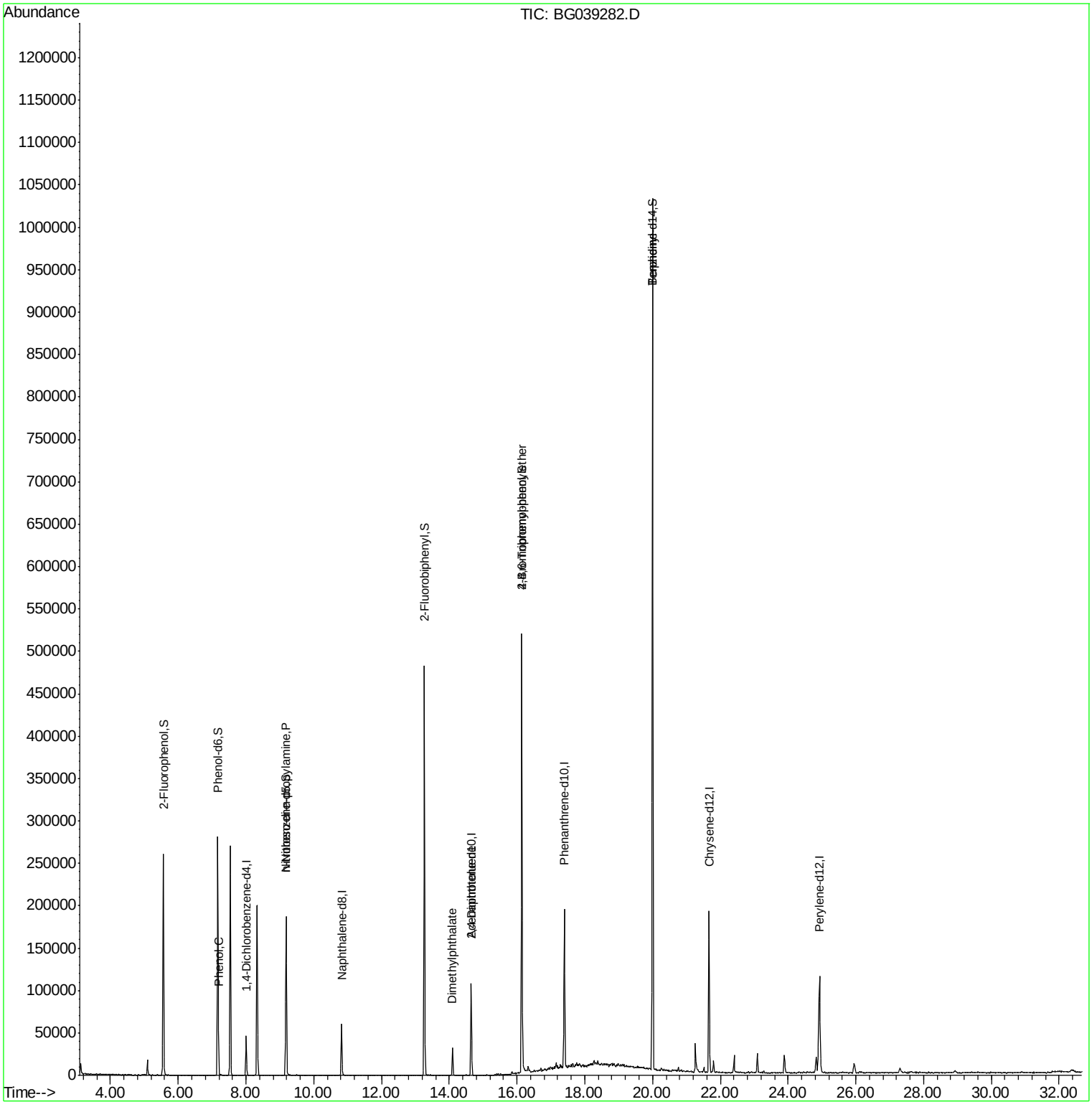
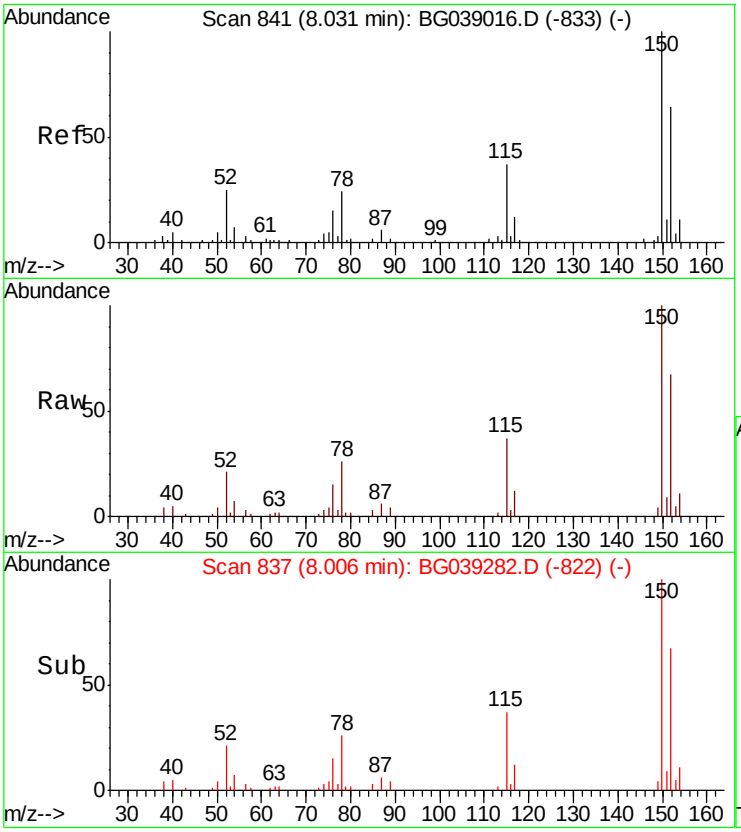


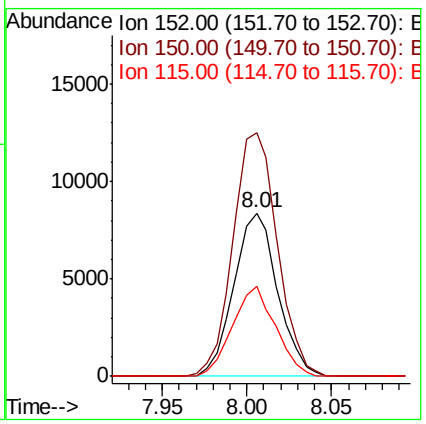


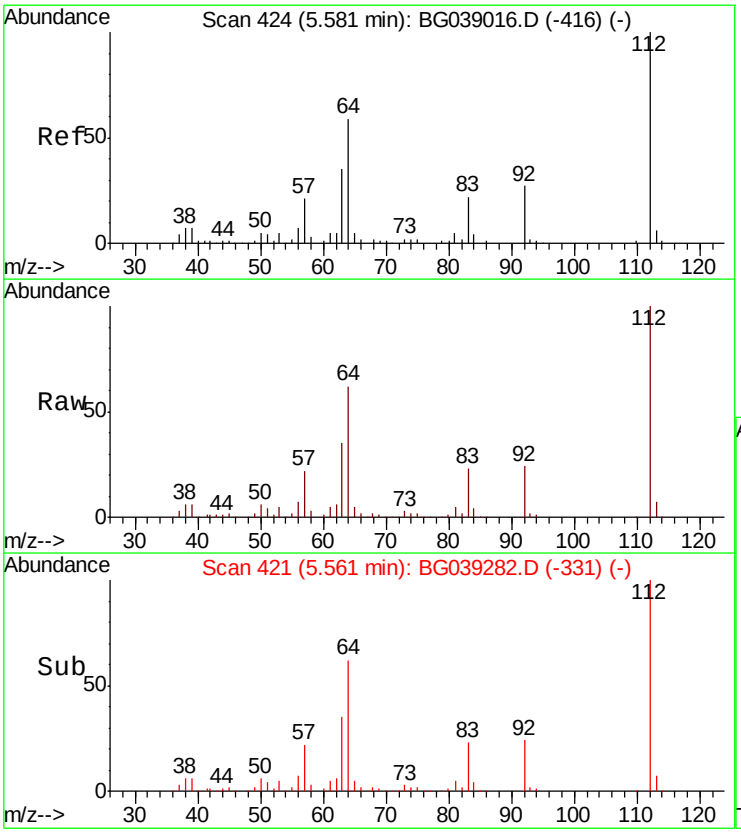
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:152 Resp: 15094

Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.7	187.1
115	54.9	46.5	69.7

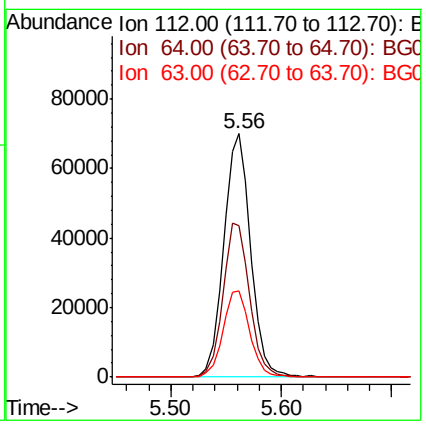


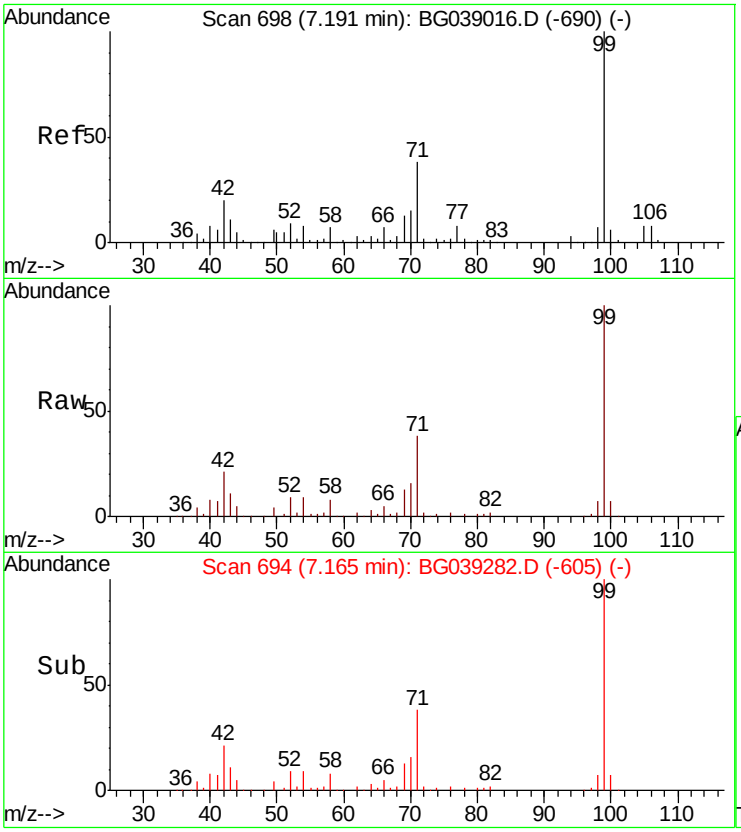


#5
2-Fluorophenol
Concen: 149.137 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:112 Resp: 118666

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.0	70.6
63	35.5	28.0	42.0



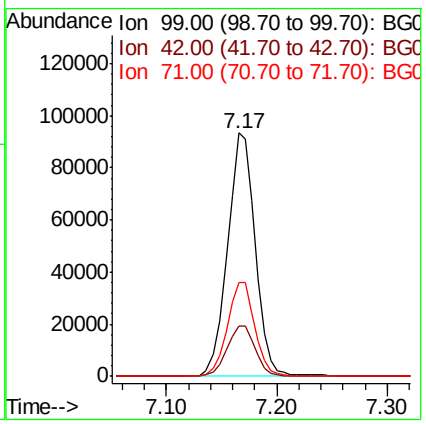


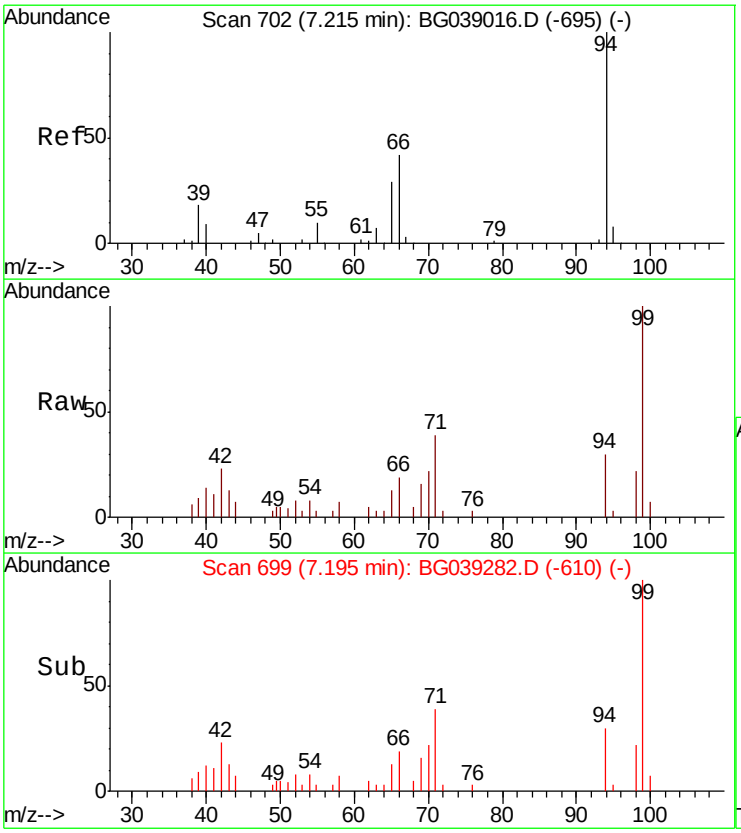
#7
Phenol-d6
Concen: 143.083 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion: 99 Resp: 163843

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.8	23.6
71	38.5	30.2	45.4

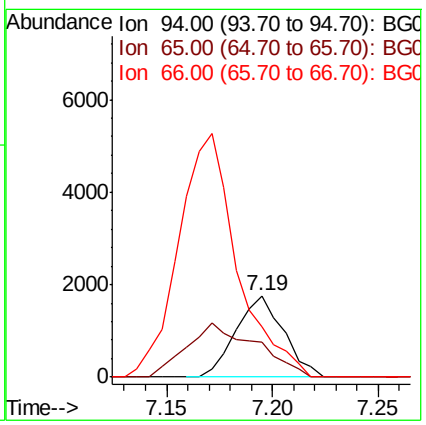


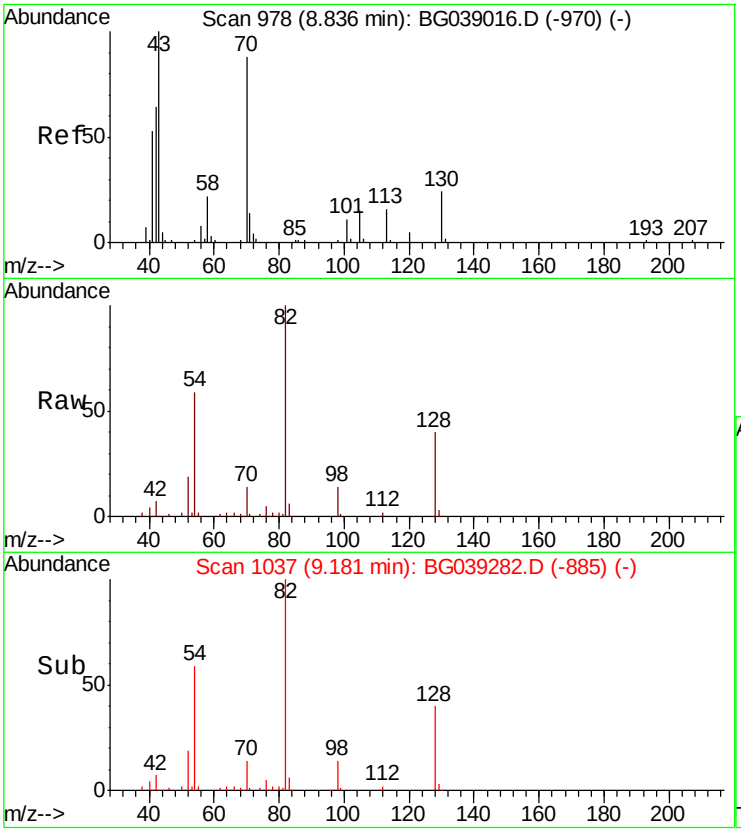


#10
Phenol
Concen: 2.384 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion: 94 Resp: 2737

Ion	Ratio	Lower	Upper
94	100		
65	42.8	10.3	50.3
66	62.4	25.1	65.1



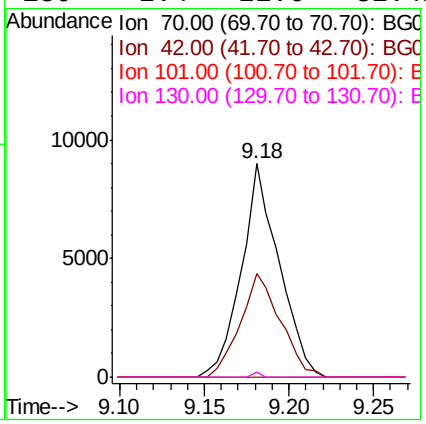


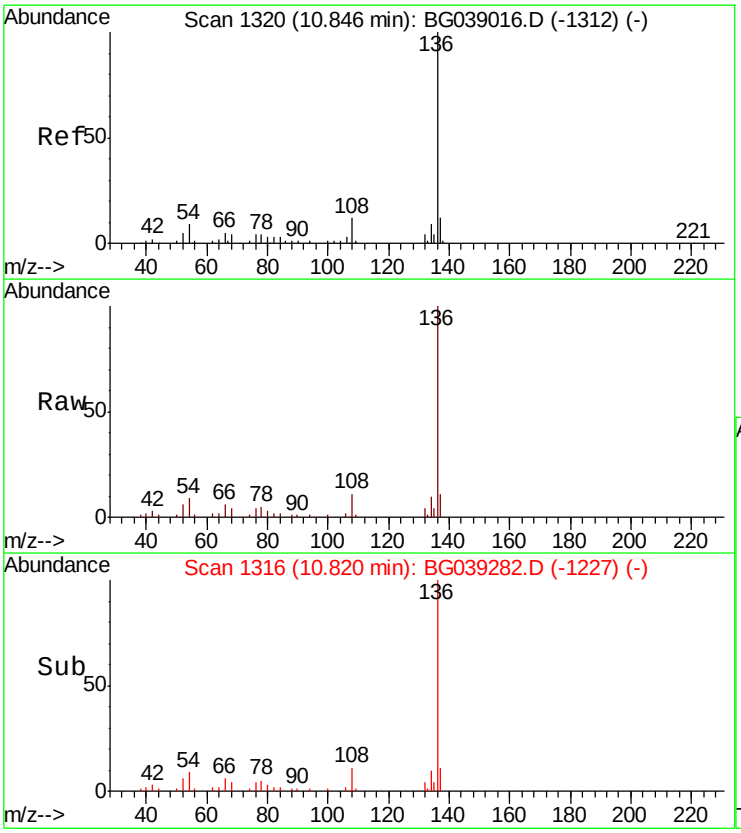
#19
n-Nitroso-di-n-propylamine
Concen: 18.542 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.36 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion: 70 Resp: 13943

Ion	Ratio	Lower	Upper
70	100		
42	48.4	59.0	88.4#
101	0.0	10.4	15.6#
130	2.4	21.6	32.4#

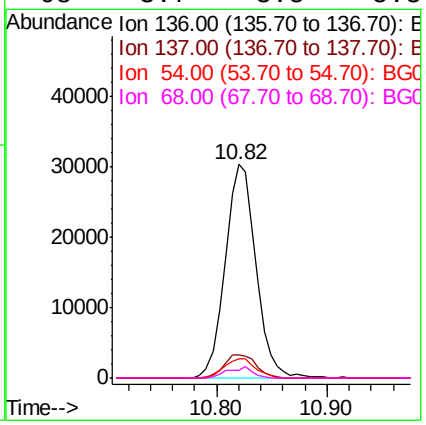


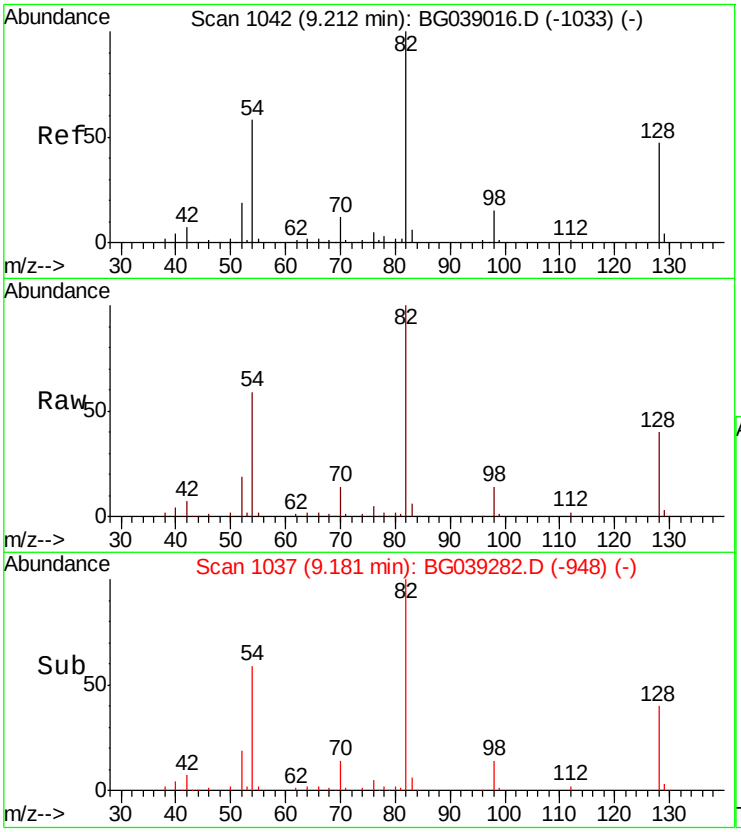


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:136 Resp: 58987

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.2
54	8.7	7.2	10.8
68	3.7	3.5	5.3



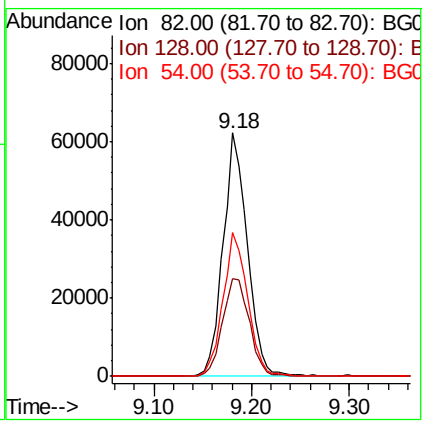


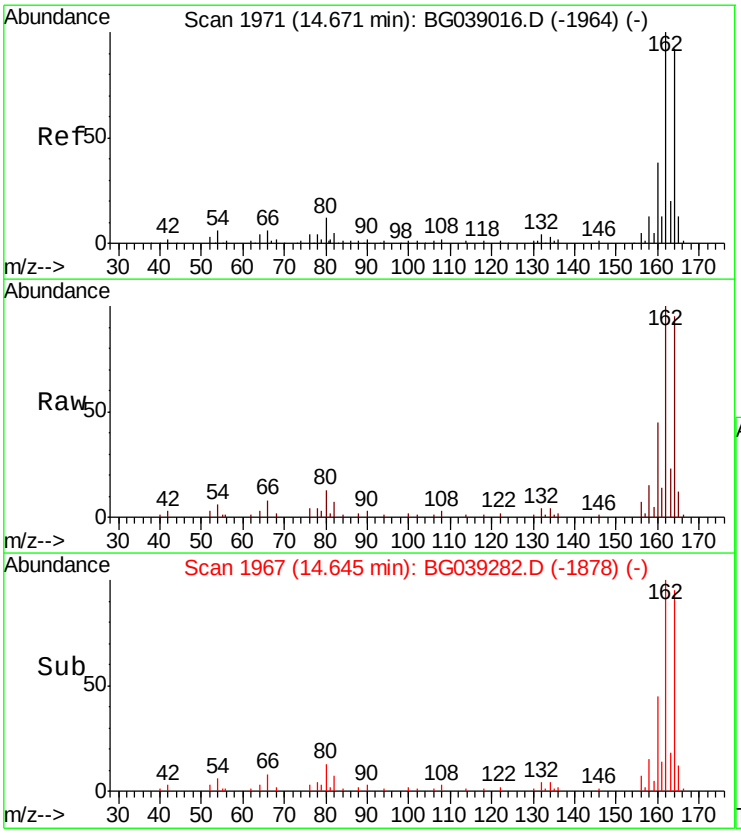
#23
Nitrobenzene-d5
Concen: 99.875 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion: 82 Resp: 107664

Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.3	55.9
54	59.2	46.4	69.6

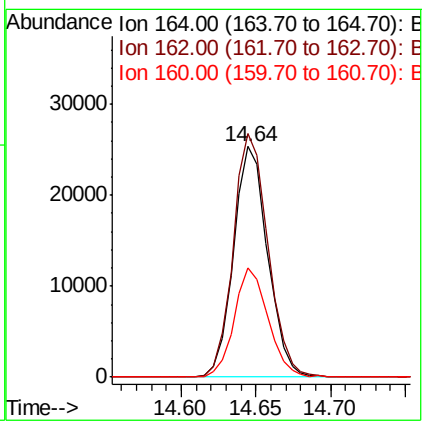


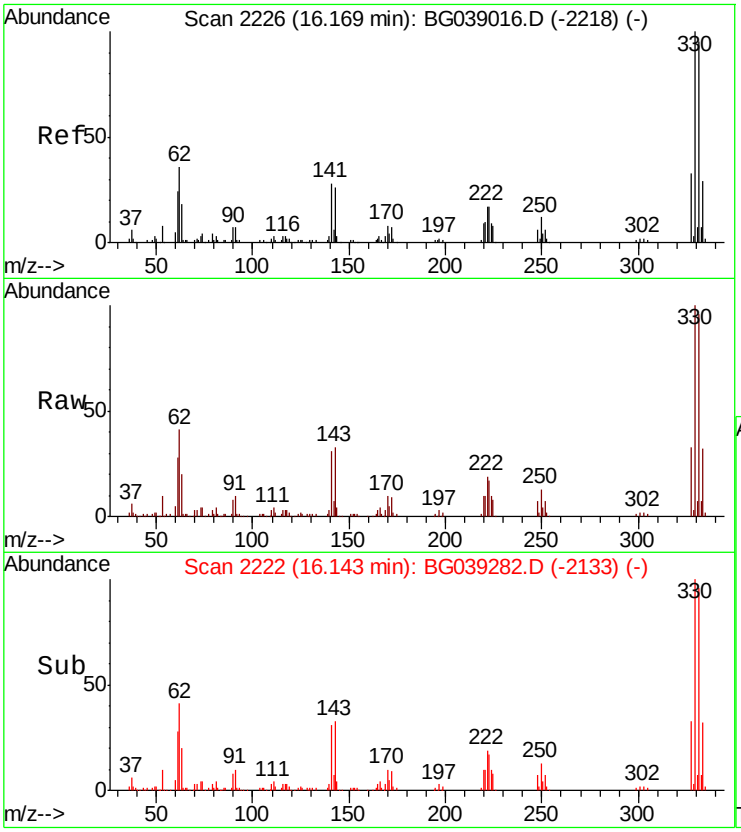


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:164 Resp: 40316

Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.2	130.8
160	47.2	33.3	49.9



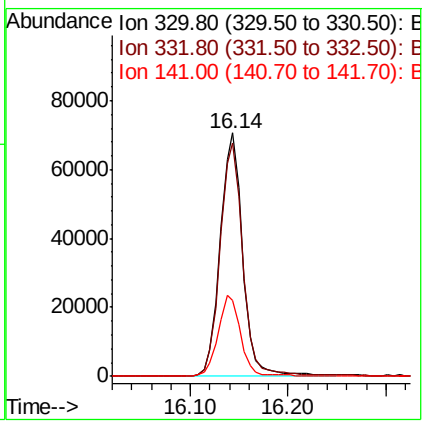


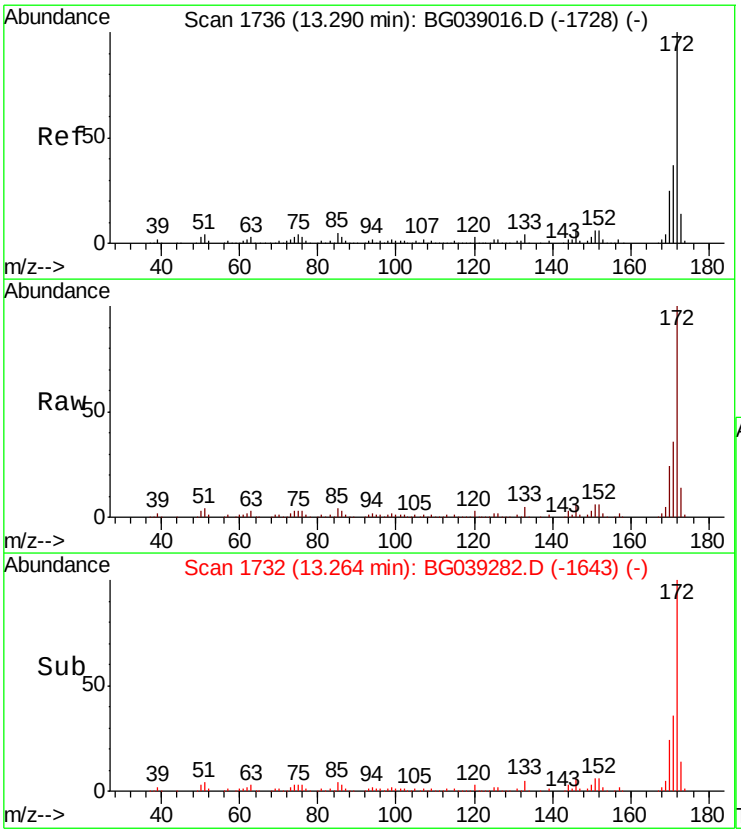
#42
2,4,6-Tribromophenol
Concen: 167.685 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:330 Resp: 113323

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	32.5	24.9	37.3

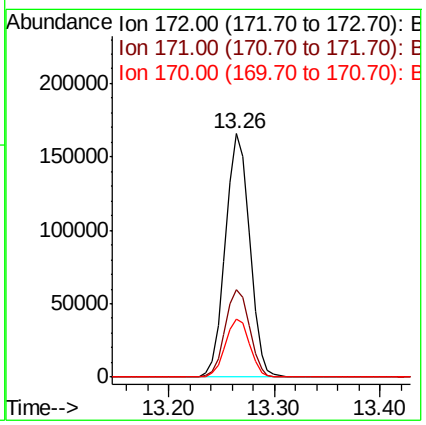


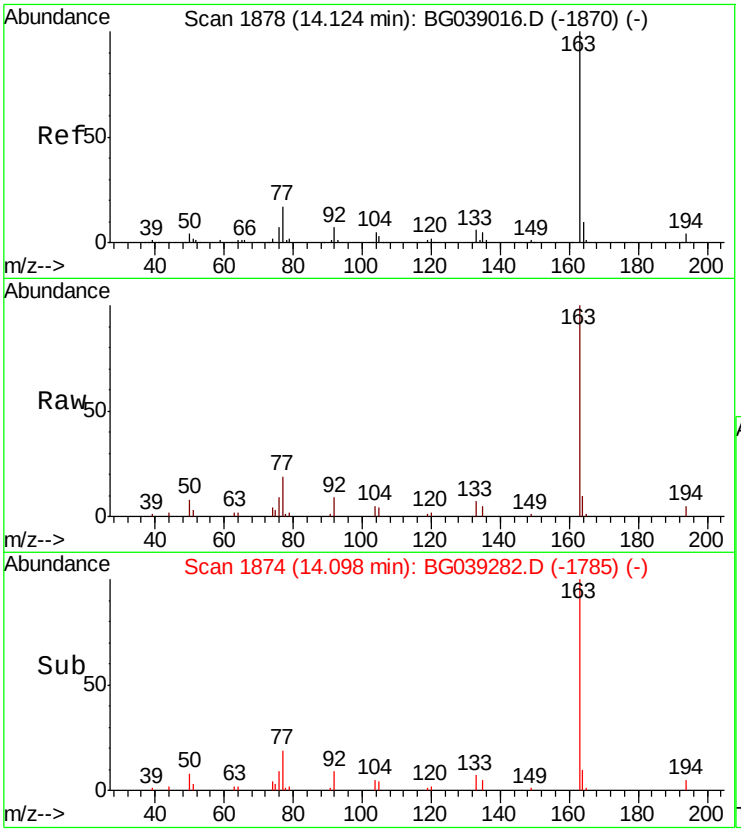


#45
2-Fluorobiphenyl
Concen: 89.484 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:172 Resp: 263608

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	23.8	20.1	30.1



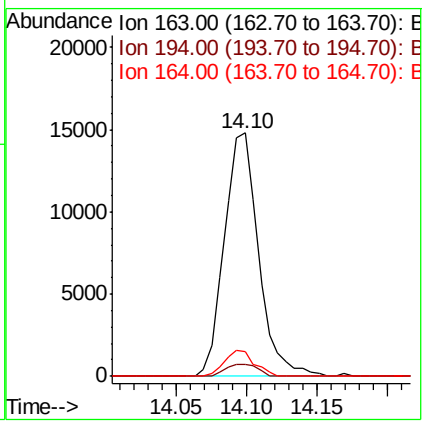


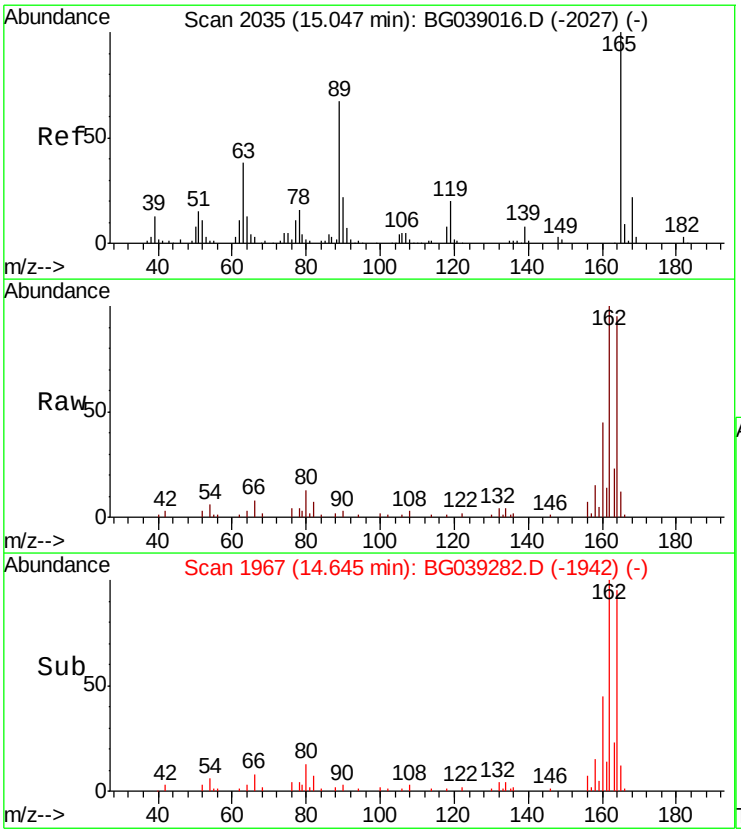
#50
Dimethylphthalate
Concen: 7.332 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:163 Resp: 24980

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	10.4	8.2	12.2

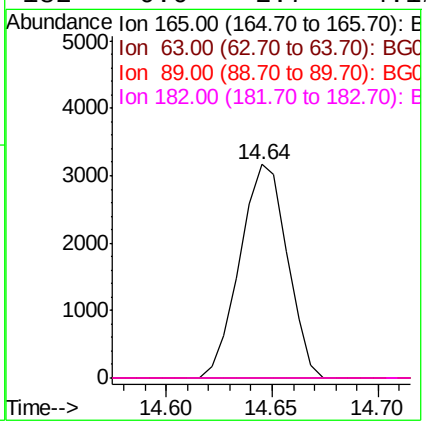


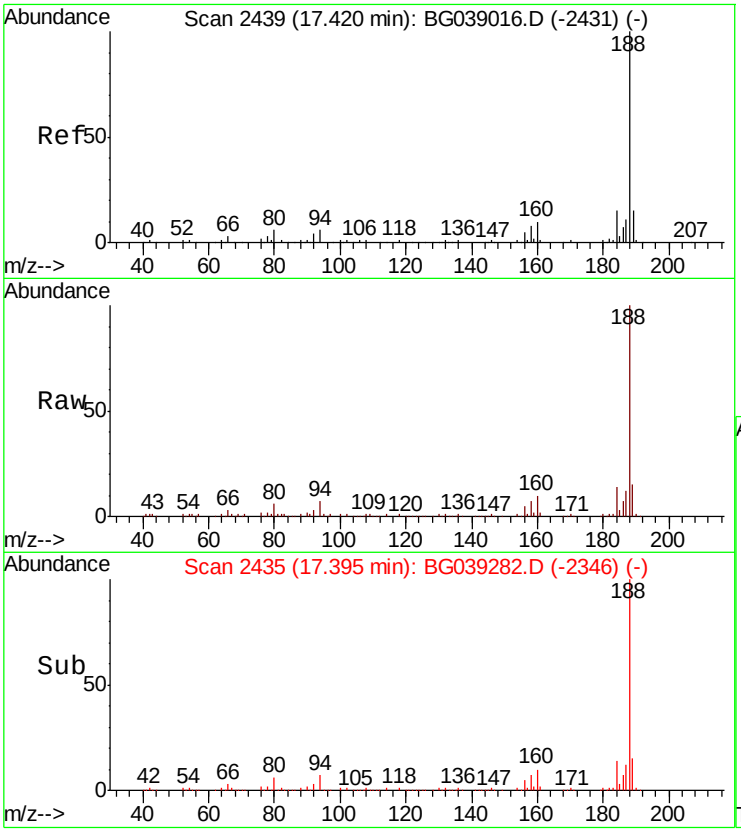


#57
2,4-Dinitrotoluene
Concen: 4.517 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.39 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:165 Resp: 4936

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#



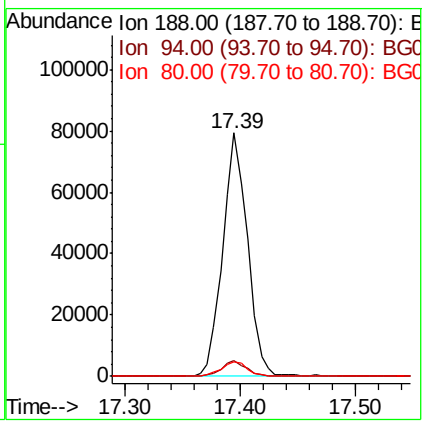


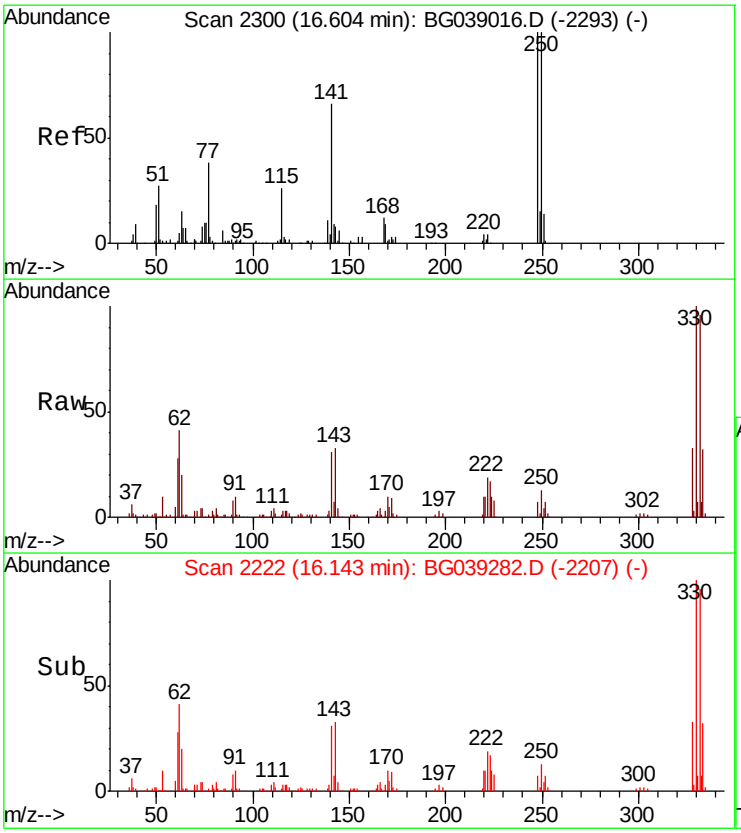
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:188 Resp: 117865

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	6.1	4.7	7.1

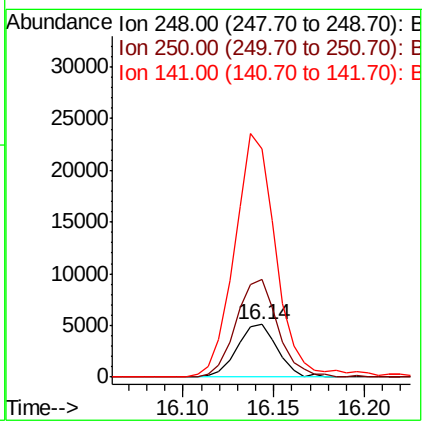


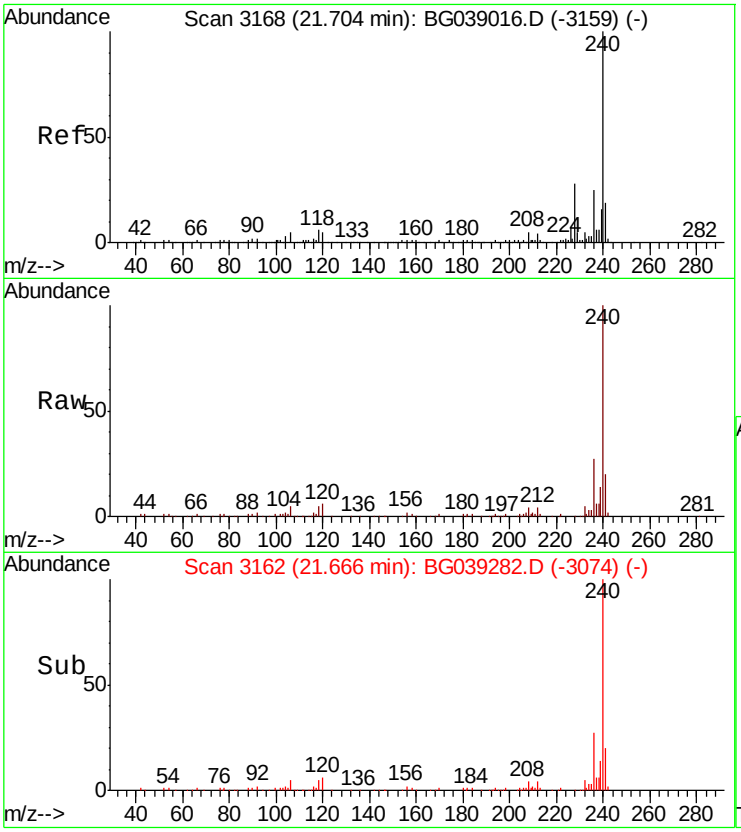


#67
4-Bromophenyl-phenylether
Concen: 5.157 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:248 Resp: 7814

Ion	Ratio	Lower	Upper
248	100		
250	187.3	79.9	119.9#
141	328.0	52.7	79.1#



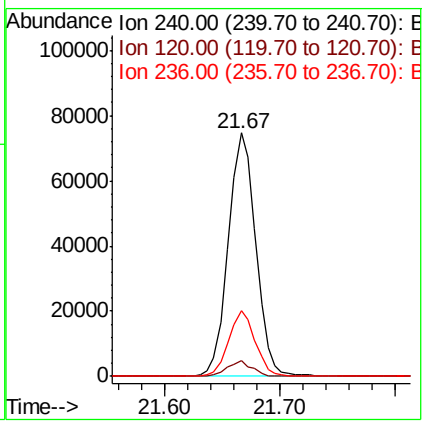


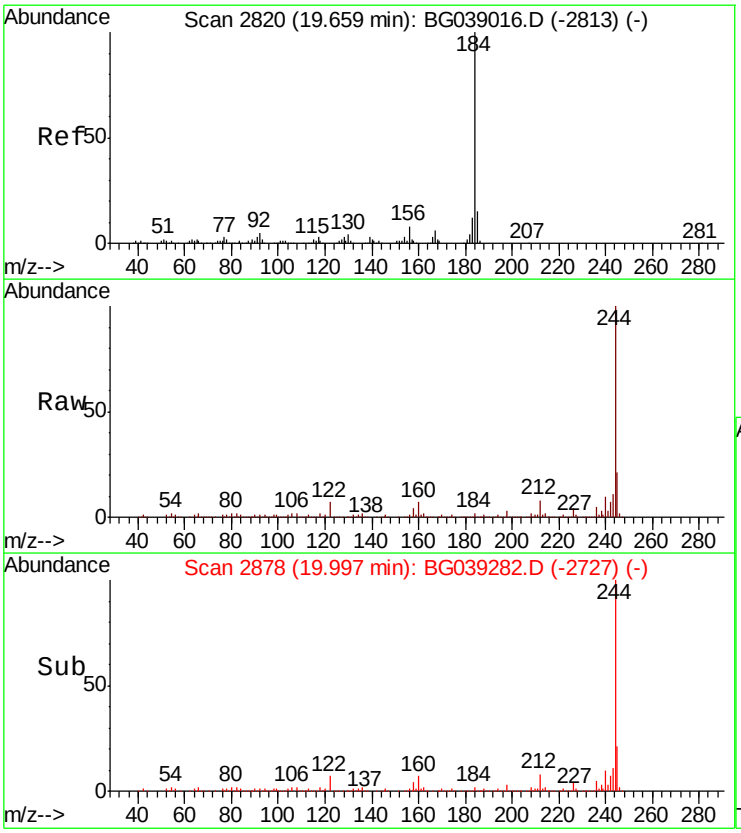
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:240 Resp: 123484

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.3	6.5
236	27.2	20.1	30.1

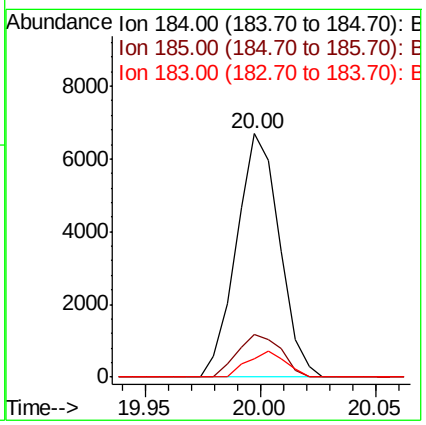


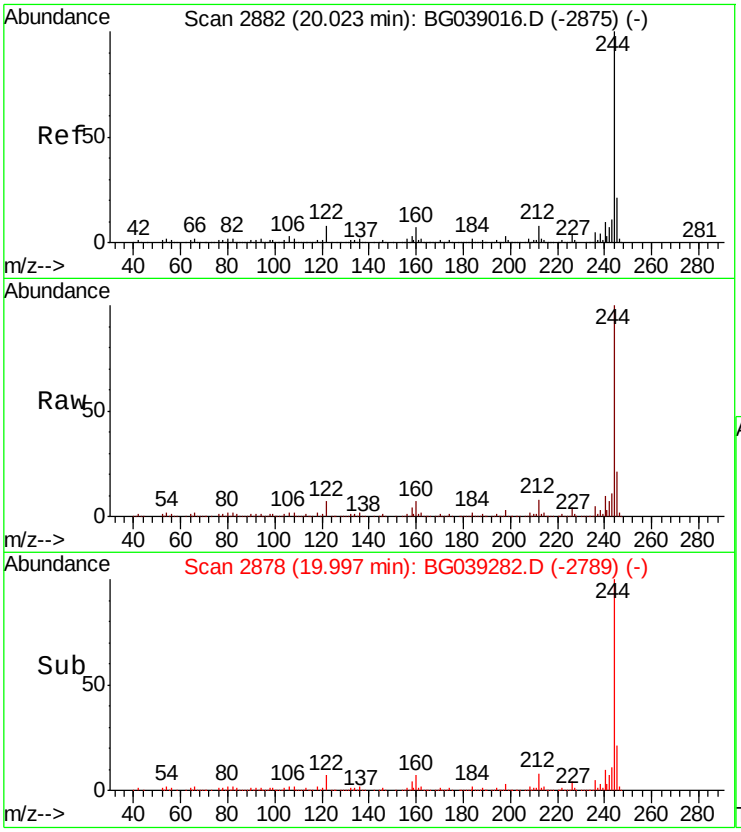


#77
Benzidine
Concen: 2.307 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.35 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:184 Resp: 8713

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.1	18.1
183	7.7	9.5	14.3#



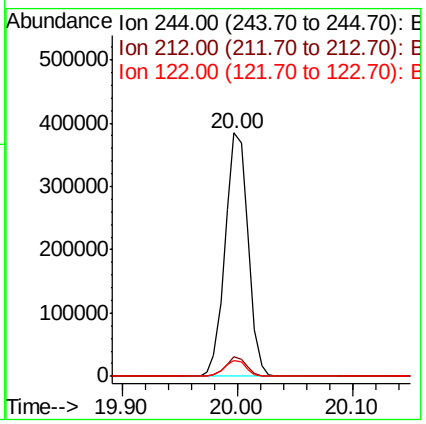


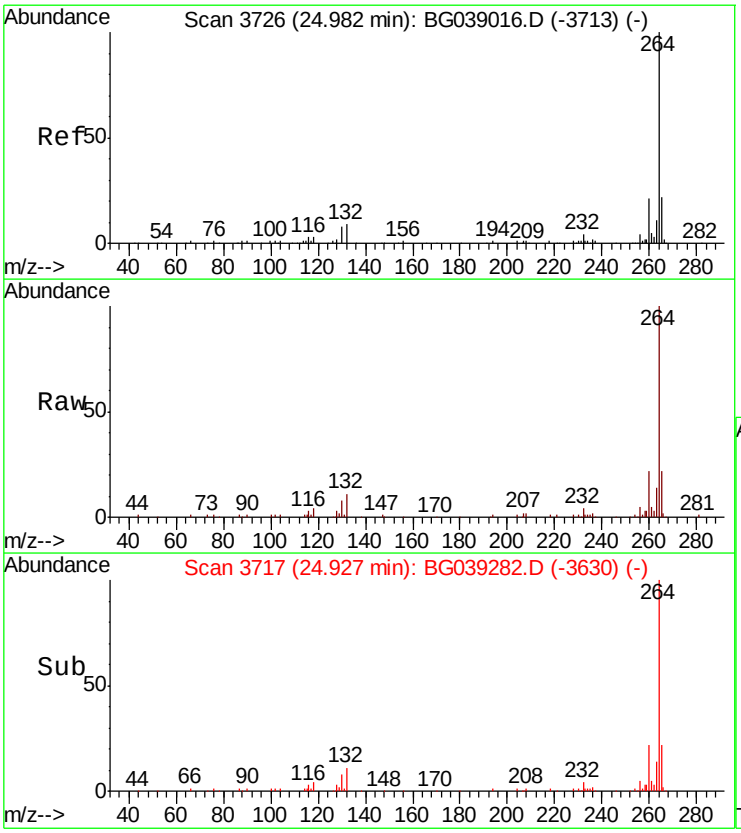
#79
Terphenyl-d14
Concen: 79.078 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
SANDHILL-RO-1-8

Tgt Ion:244 Resp: 527860

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	6.7	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039282.D
Acq: 25 Jan 2019 17:22

Tgt Ion:264 Resp: 144913

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.0	25.6
265	22.4	17.2	25.8