Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
Data File : BG038319.D
Acq On : 4 Dec 2018 3:34
Operator : JU/SJ
Sample : J6179-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S10-0-0.5-BGS

Quant Time: Dec 04 05:06:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16042	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	115572	20.00	ng		-0.02
39) Acenaphthene-d10	14.71	164	51955	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	158501	20.00	ng		0.00
76) Chrysene-d12	21.74	240	164695	20.00	ng		-0.02
87) Perylene-d12	25.06	264	173507	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	117602	126.57	ng		-0.02
7) Phenol-d6	7.22	99	160471	120.99	ng		0.00
23) Nitrobenzene-d5	9.25	82	103797	48.08	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	88651	149.61	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	264615	74.20	ng		-0.02
79) Terphenyl-d14	20.06	244	625956	89.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	9932	7.070	ng		92
19) n-Nitroso-di-n-propylamine	9.25	70	13228	13.784	ng	#	75
32) Benzoic acid	9.73	122	53	12.370	ng	#	1
50) Dimethylphthalate	14.15	163	36222	8.794	ng		99
57) 2,4-Dinitrotoluene	14.71	165	6489	5.116	ng	#	23
67) 4-Bromophenyl-phenylether	16.20	248	6167	3.545	ng	#	1

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

Quantitation Report (Not Reviewed)

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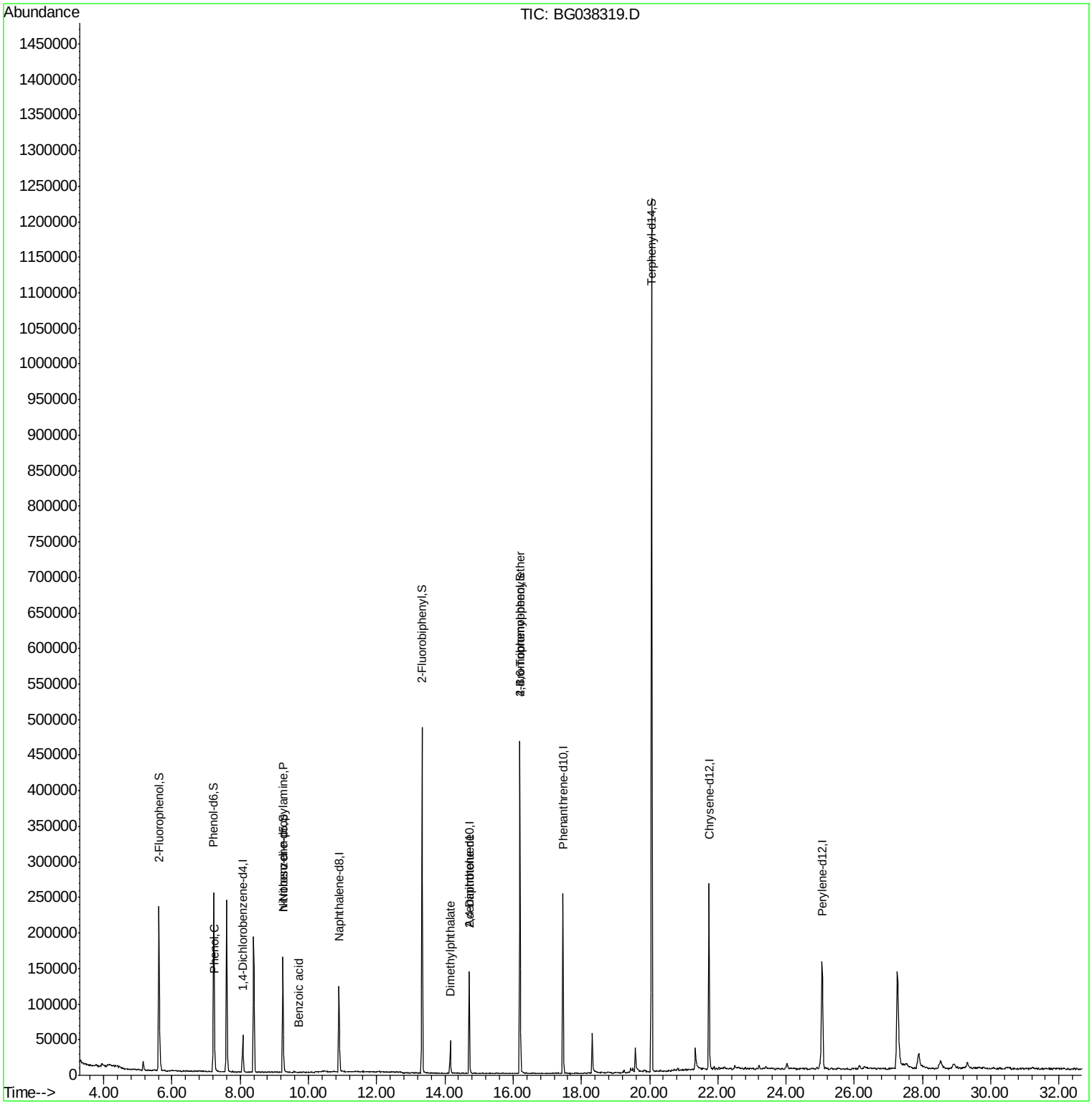
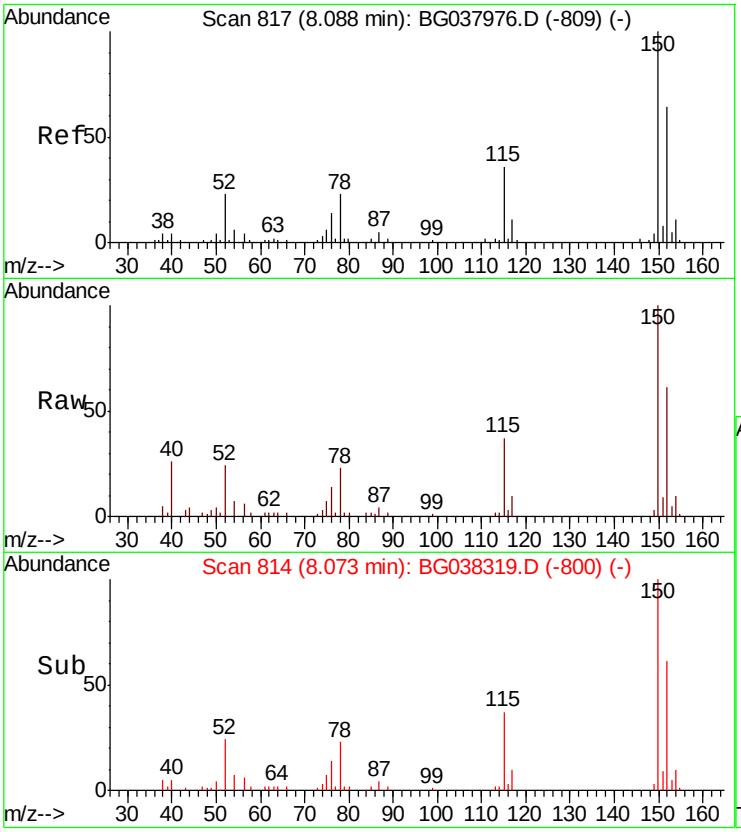


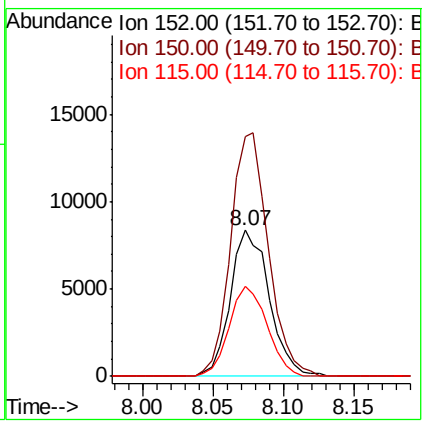


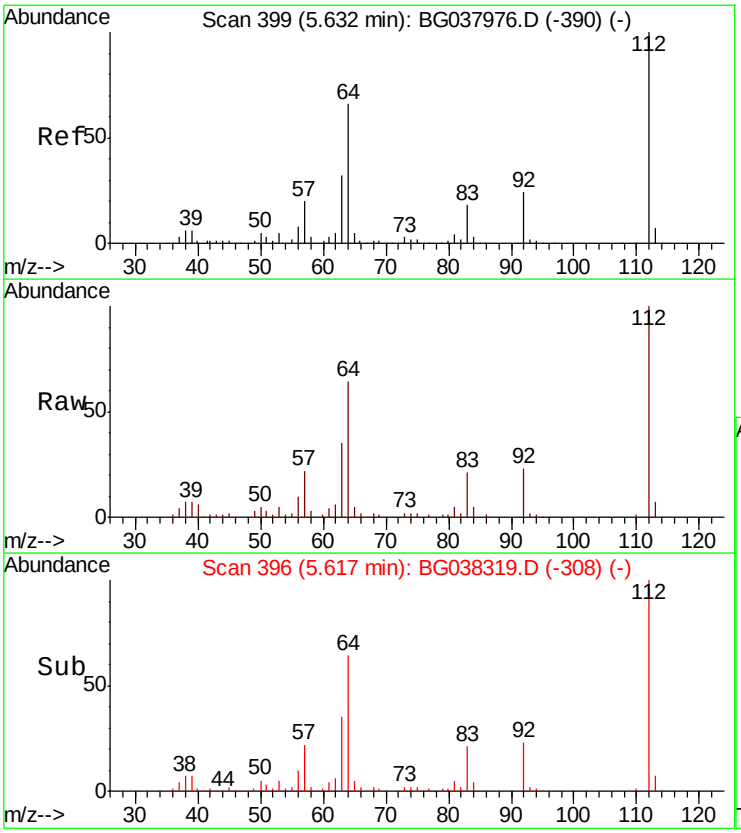
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:152 Resp: 16042

Ion	Ratio	Lower	Upper
152	100		
150	164.5	126.0	189.0
115	61.5	45.5	68.3

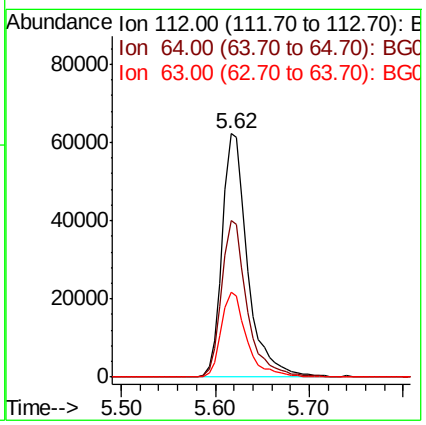


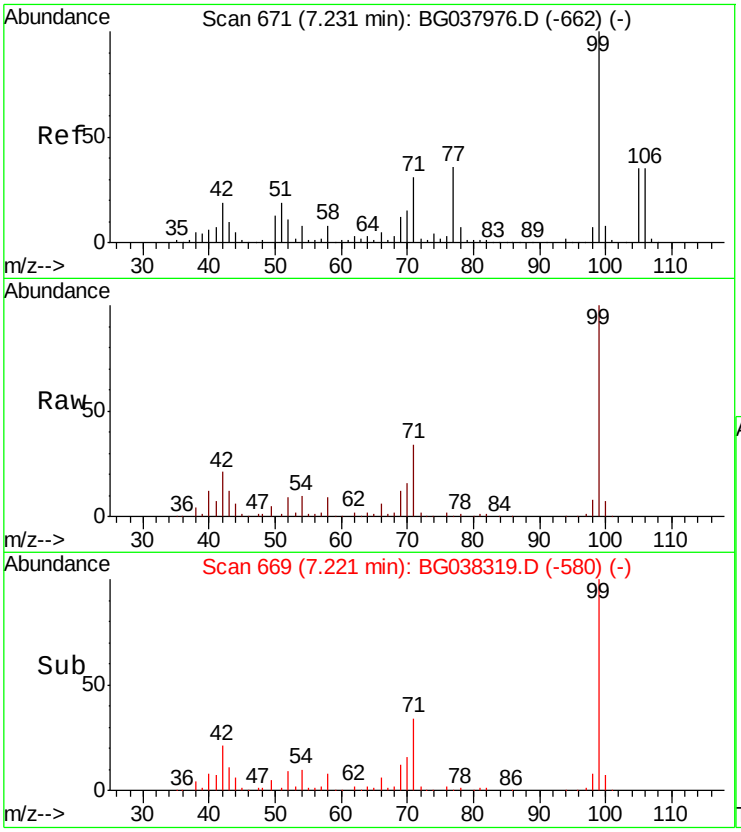


#5
2-Fluorophenol
Concen: 126.572 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:112 Resp: 117602

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	35.0	27.3	40.9



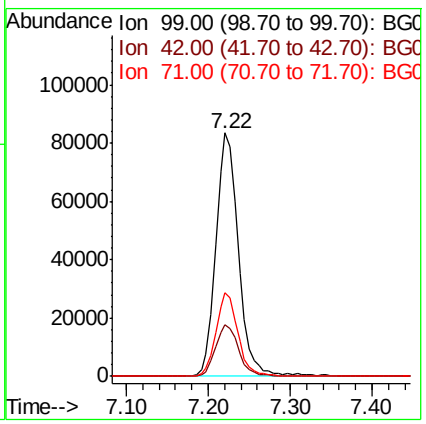


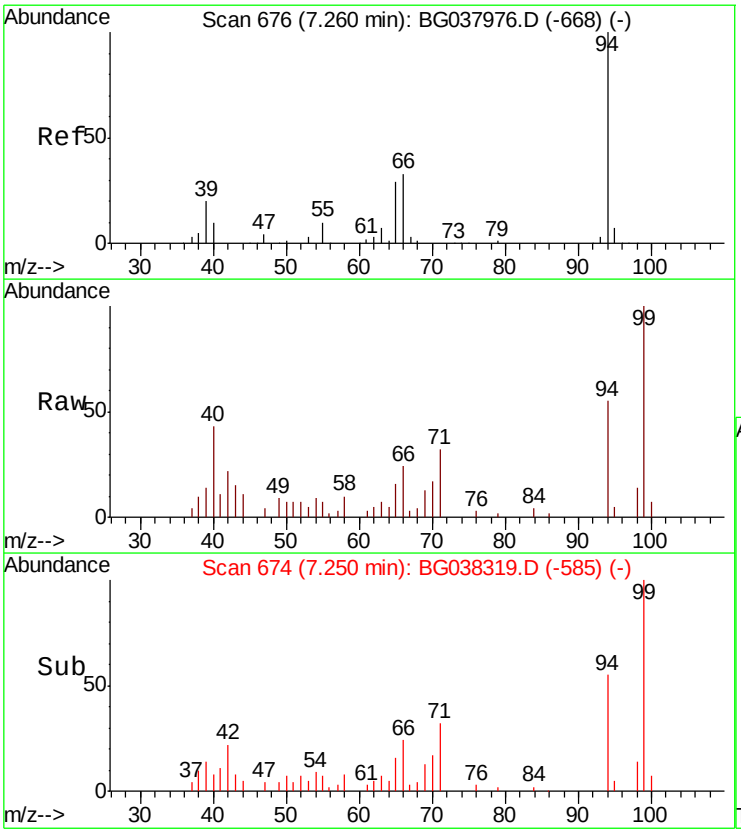
#7
Phenol-d6
Concen: 120.994 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion: 99 Resp: 160471

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.0	22.4
71	34.1	25.5	38.3

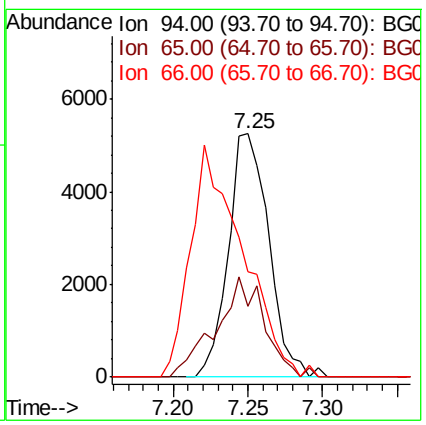


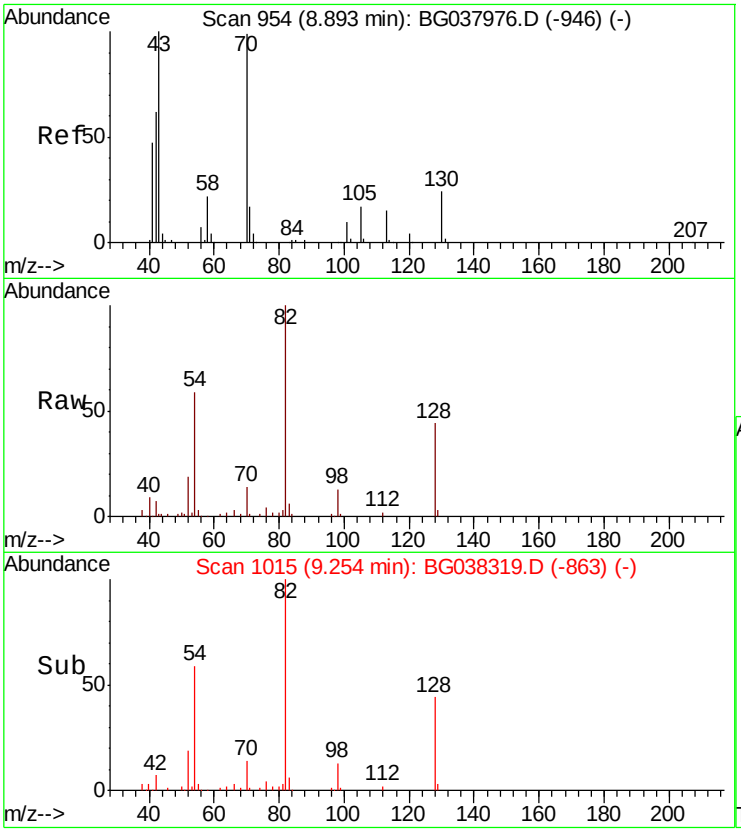


#10
Phenol
Concen: 7.070 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion: 94 Resp: 9932

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.7	49.7
66	43.4	15.9	55.9



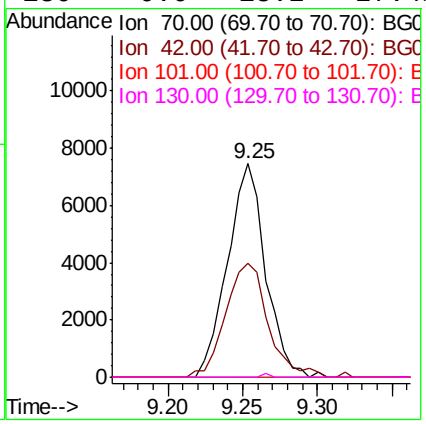


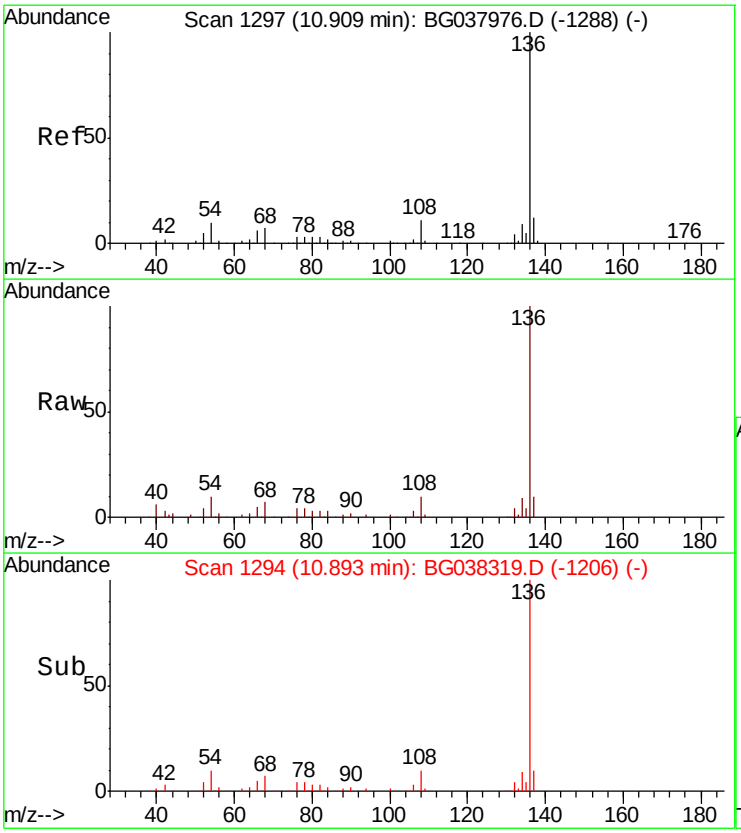
#19
n-Nitroso-di-n-propylamine
Concen: 13.784 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion: 70 Resp: 13228

Ion	Ratio	Lower	Upper
70	100		
42	53.1	53.9	80.9#
101	0.0	8.2	12.2#
130	0.0	18.2	27.4#

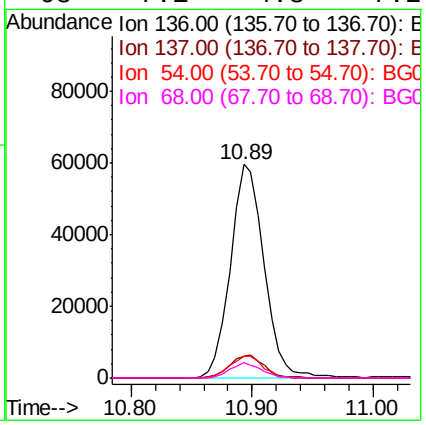


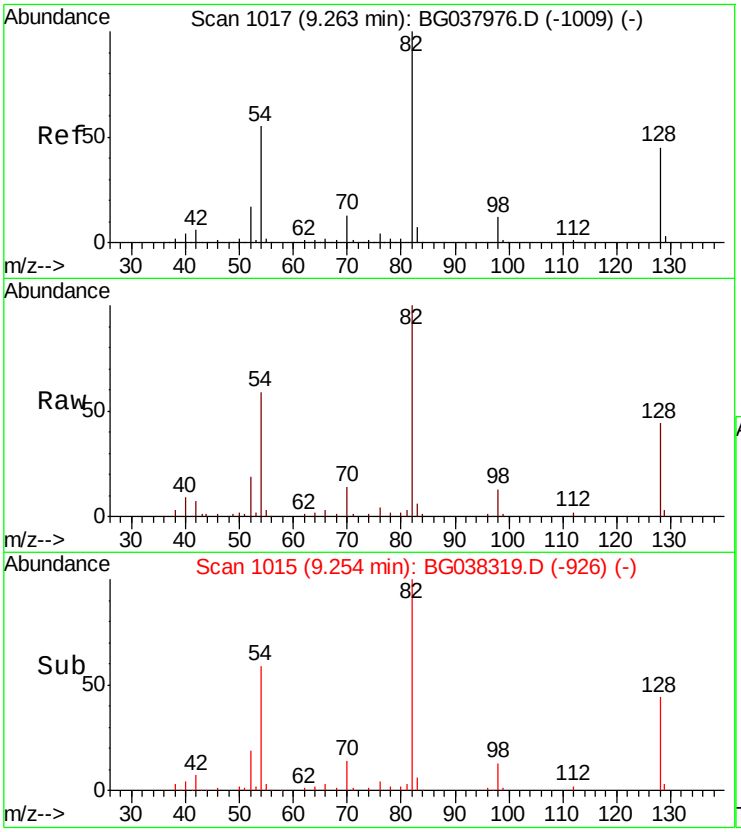


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:136 Resp: 115572

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.0	7.9	11.9
68	7.1	4.8	7.2



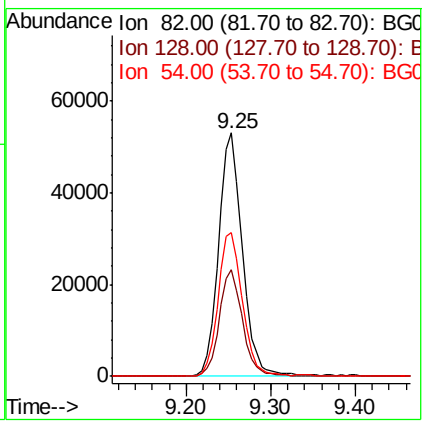


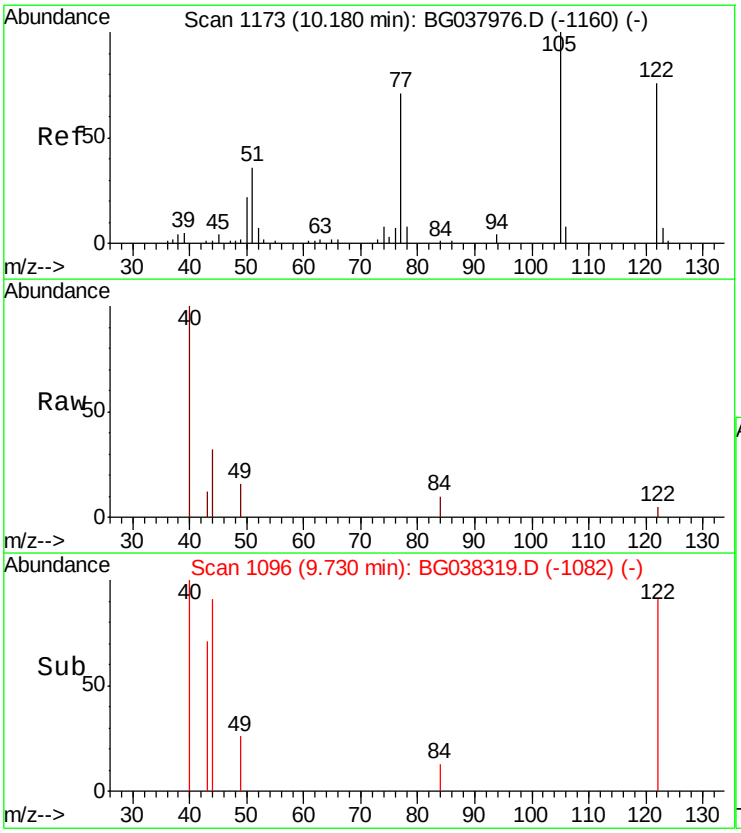
#23
Nitrobenzene-d5
Concen: 48.076 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion: 82 Resp: 103797

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	59.2	45.3	67.9

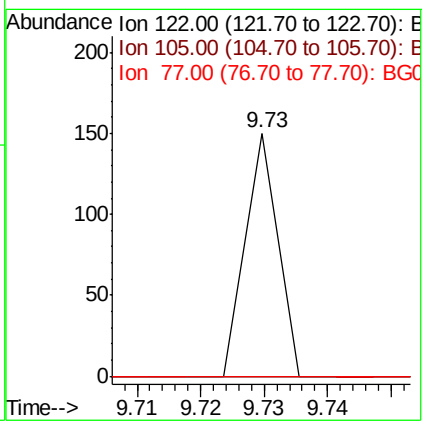


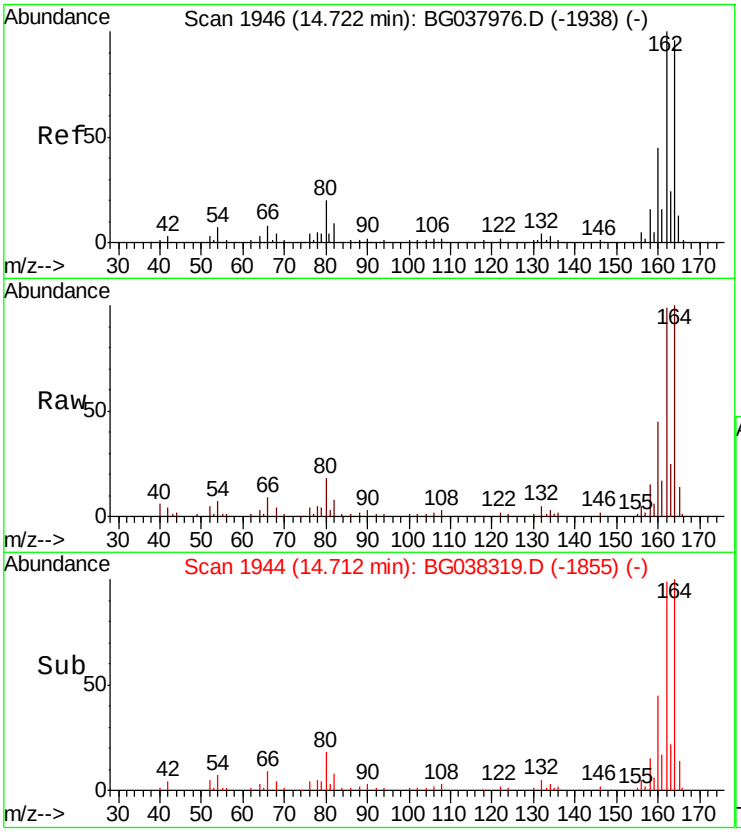


#32
Benzoic acid
Concen: 12.370 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.45 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.7	146.7#
77	0.0	72.2	112.2#



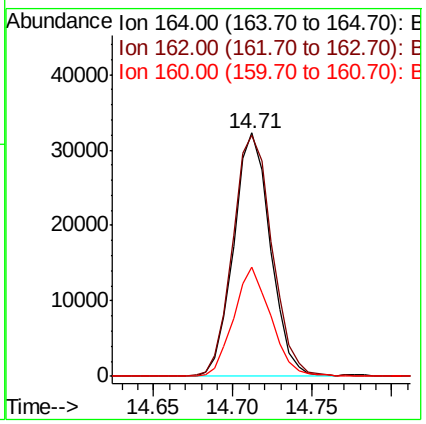


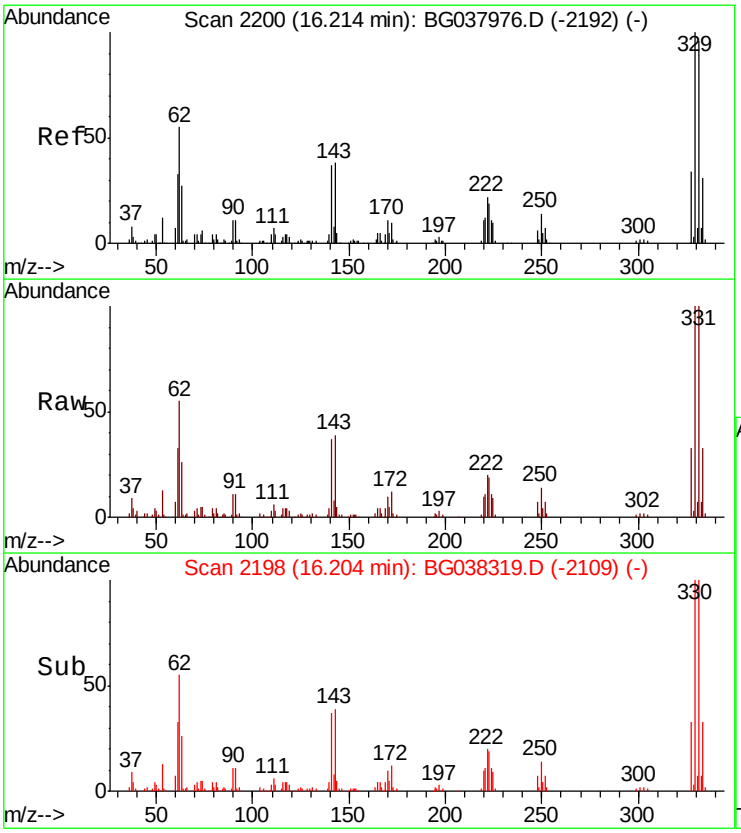
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:164 Resp: 51955

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.3	121.9
160	44.8	36.3	54.5

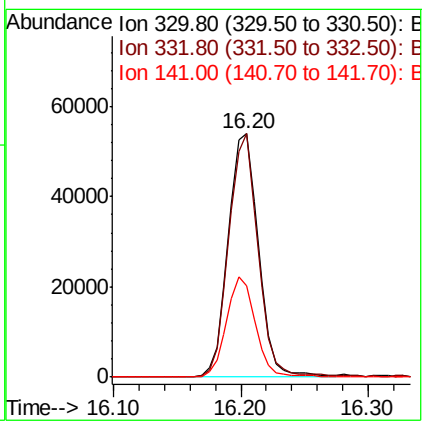


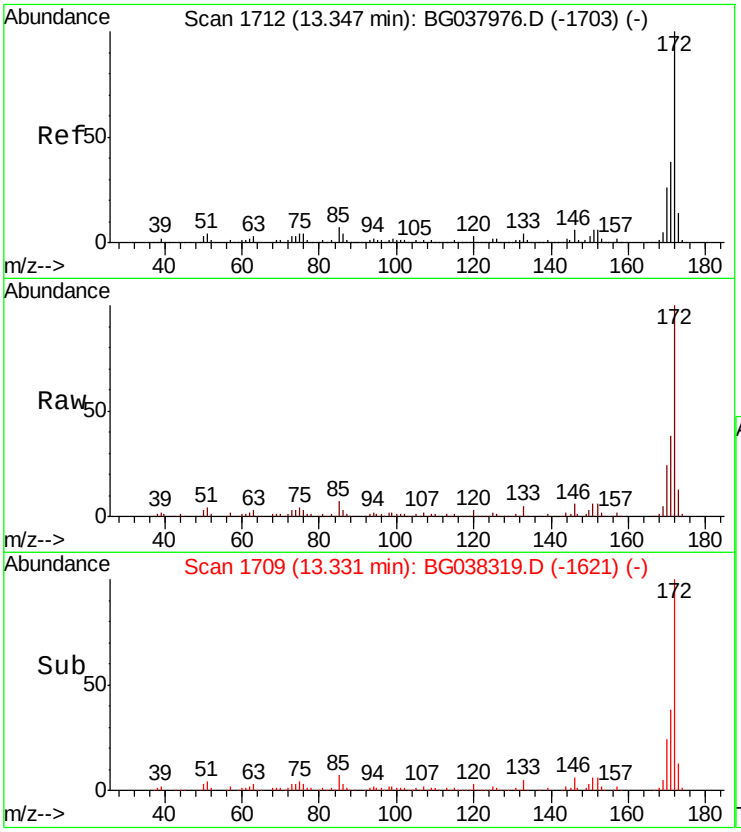


#42
2,4,6-Tribromophenol
Concen: 149.613 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:330 Resp: 88651

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.4	117.6
141	39.4	32.2	48.2



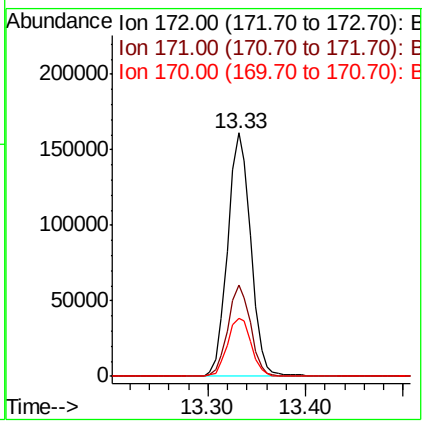


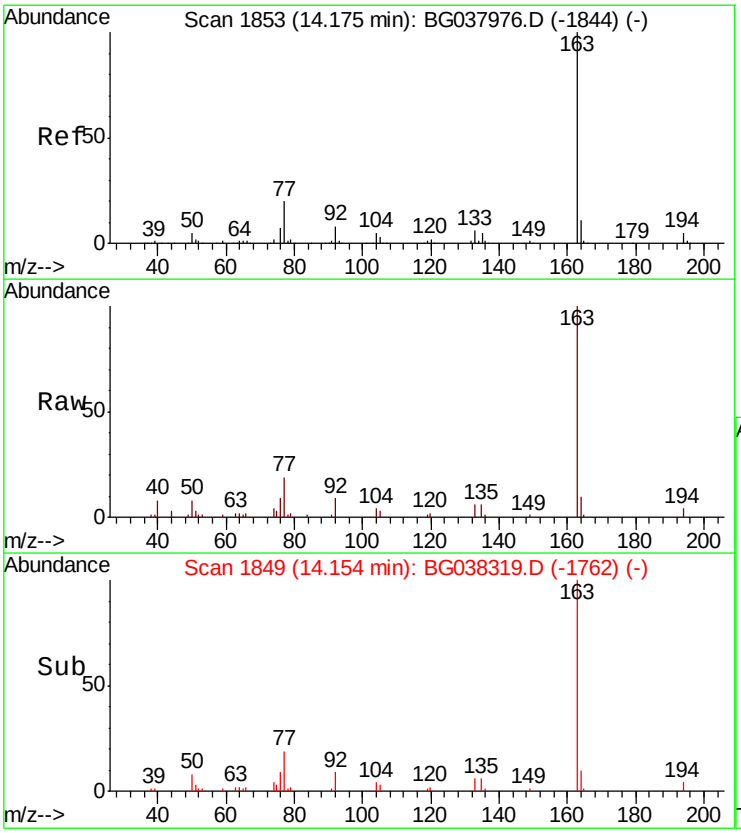
#45
2-Fluorobiphenyl
Concen: 74.200 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:172 Resp: 264615

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	23.6	20.2	30.2

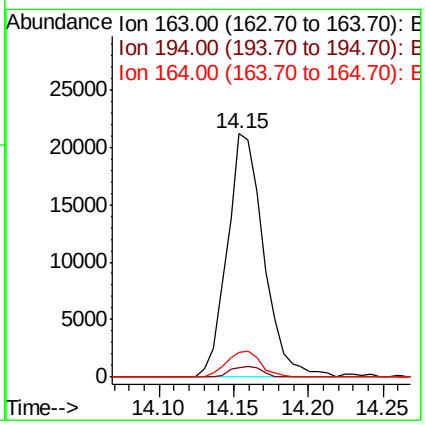


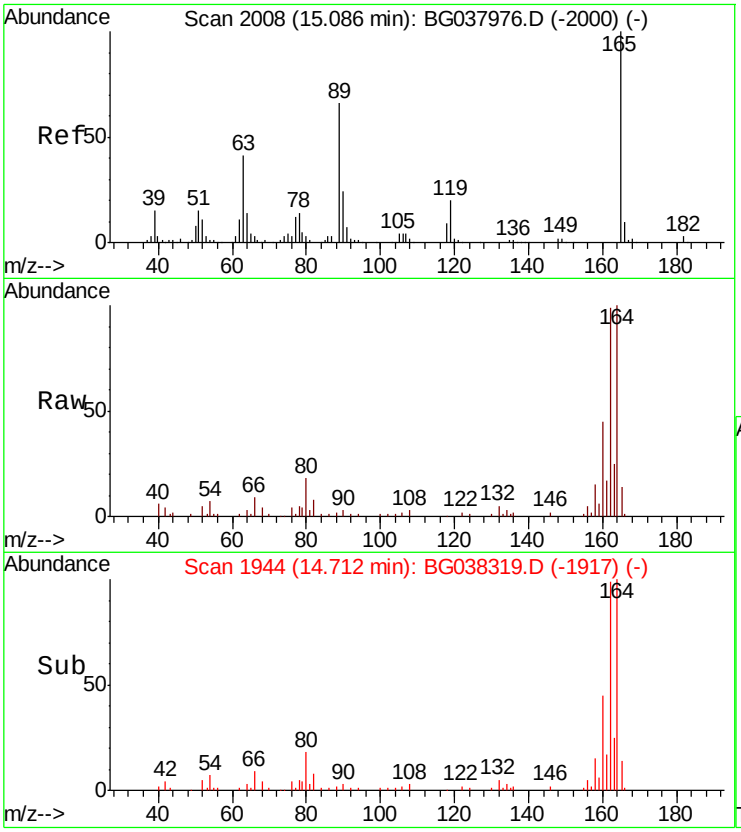


#50
Dimethylphthalate
Concen: 8.794 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:163 Resp: 36222

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.4	8.5	12.7



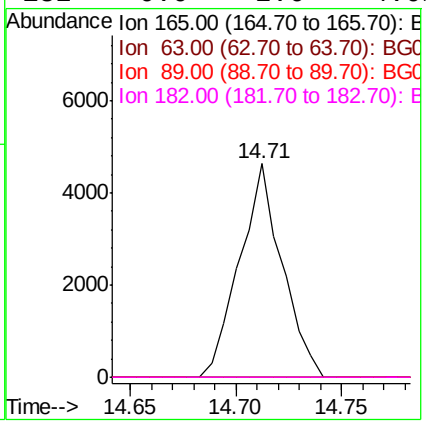


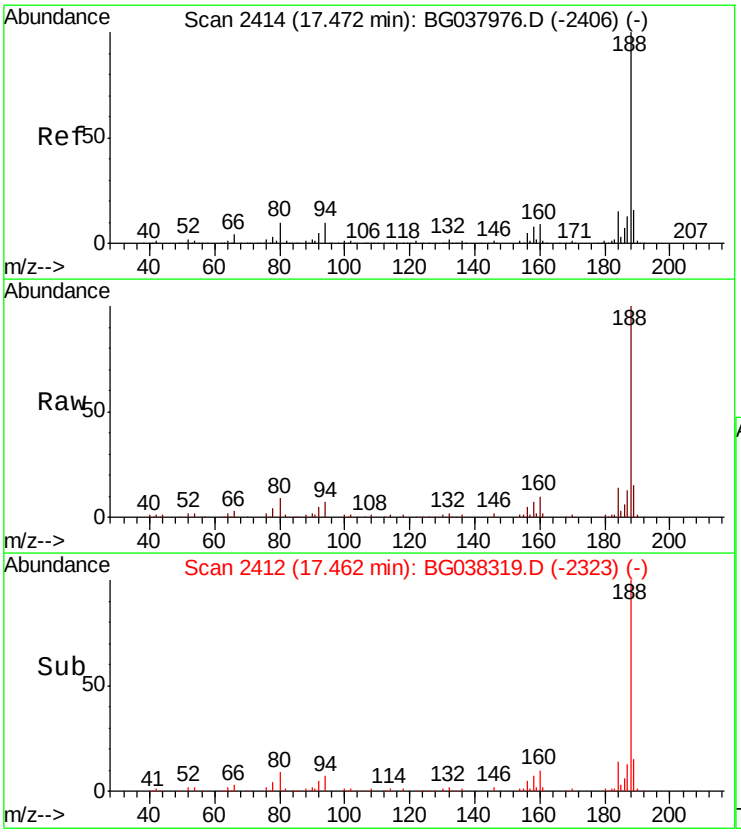
#57
2,4-Dinitrotoluene
Concen: 5.116 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:165 Resp: 6489

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

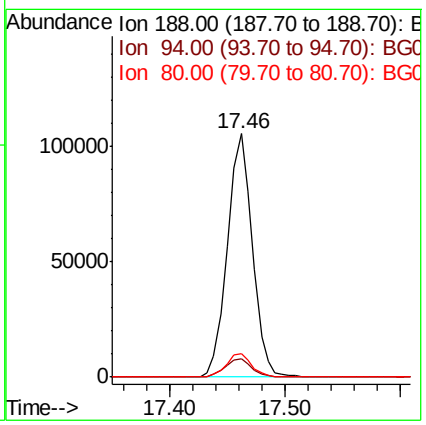


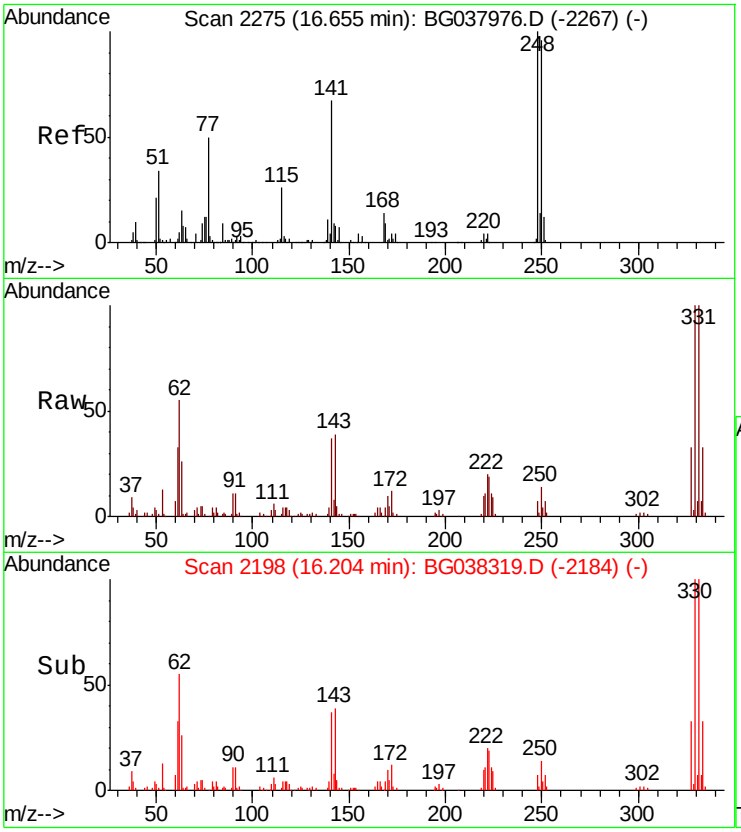


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:188 Resp: 158501

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	9.4	7.7	11.5



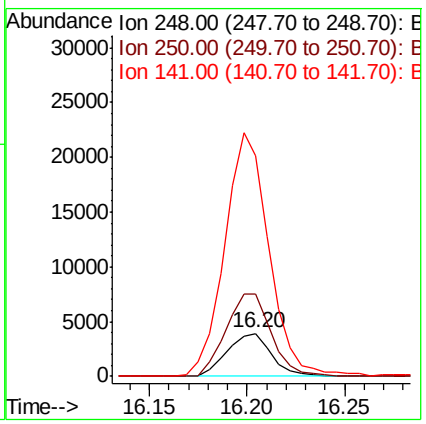


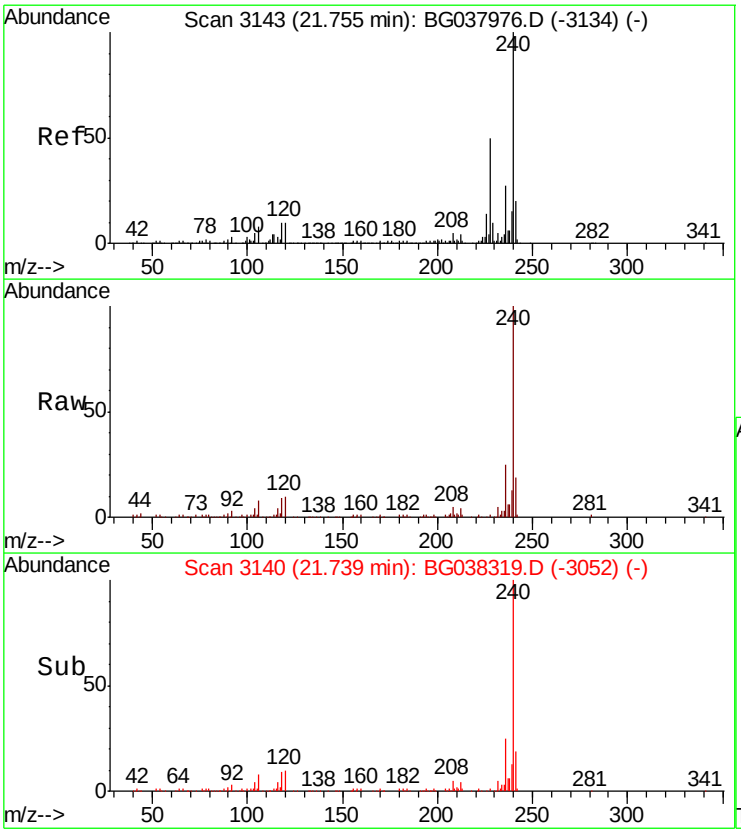
#67
4-Bromophenyl-phenylether
Concen: 3.545 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:248 Resp: 6167

Ion	Ratio	Lower	Upper
248	100		
250	205.6	77.0	115.6#
141	418.4	55.5	83.3#

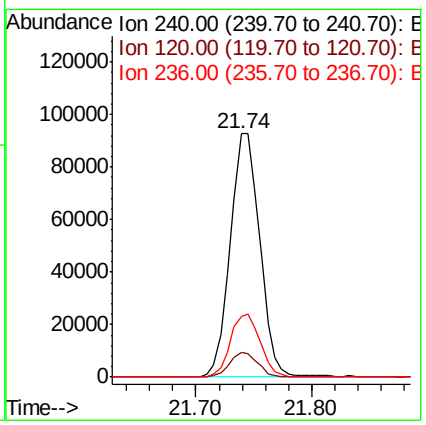


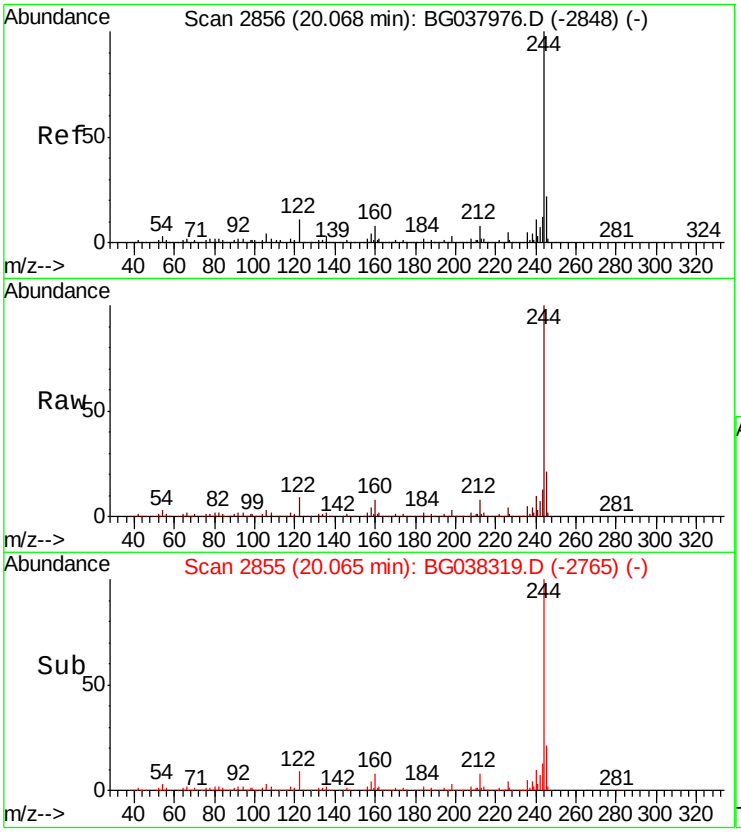


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:240 Resp: 164695

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	24.9	21.4	32.0



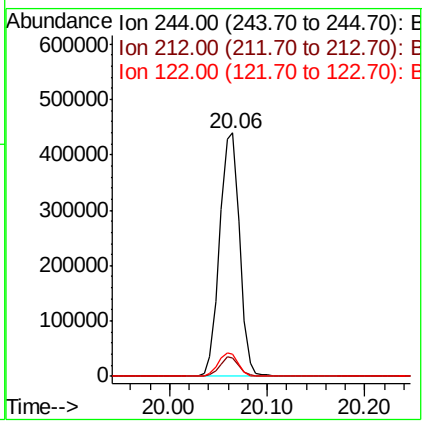


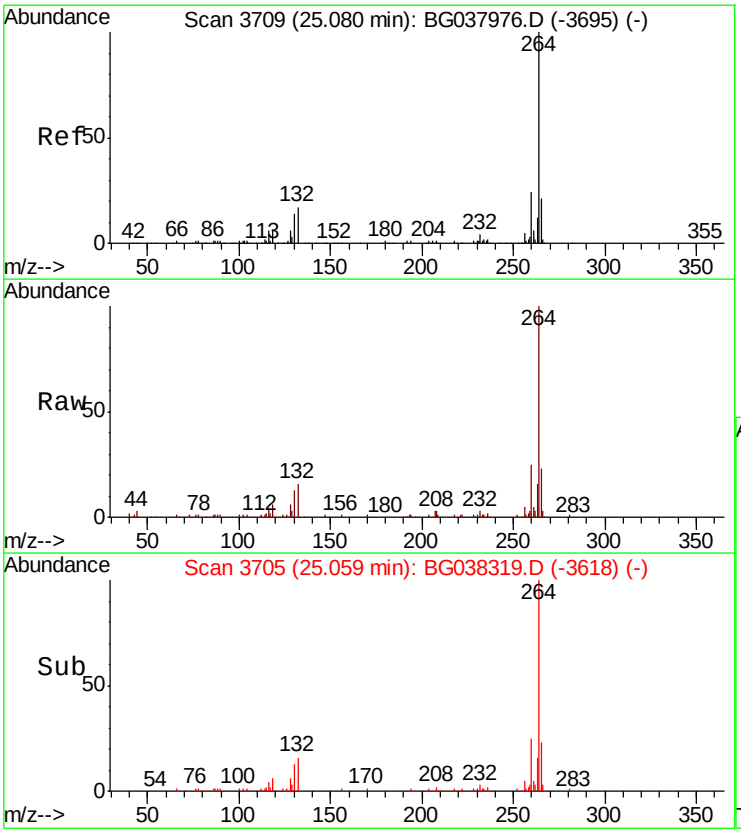
#79
Terphenyl-d14
Concen: 89.431 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion:244 Resp: 625956

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	9.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:264 Resp: 173507

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.9	17.9	26.9