Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

Quantitation Report (Not Reviewed)

Data File : BG038819.D
Acq On : 22 Dec 2018 15:55
Operator : JU/SJ
Sample : J6492-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1

Quant Time: Dec 24 03:56:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29120	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	116005	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	79188	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	182146	20.00	ng		0.00
76) Chrysene-d12	21.73	240	184614	20.00	ng		0.00
87) Perylene-d12	25.03	264	192247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	223410	136.08	ng		0.01
7) Phenol-d6	7.22	99	275731	122.34	ng		0.01
23) Nitrobenzene-d5	9.24	82	227658	100.26	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	160773	147.32	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	605438	104.89	ng		0.00
79) Terphenyl-d14	20.05	244	1026741	121.04	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.38	79	3521	2.001	ng	#	48
18) Hexachloroethane	9.16	117	2092	2.488	ng	#	2
19) n-Nitroso-di-n-propylamine	9.24	70	31284	19.762	ng	#	67
37) 2-Methylnaphthalene	12.52	142	19971	4.898	ng		96
38) 1-Methylnaphthalene	12.74	142	13657	3.451	ng		95
51) 2,6-Dinitrotoluene	14.70	165	10820	7.383	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	10820	5.242	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	10045	4.516	ng	#	1
77) Benzidine	20.05	184	17302	3.169	ng	#	97

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

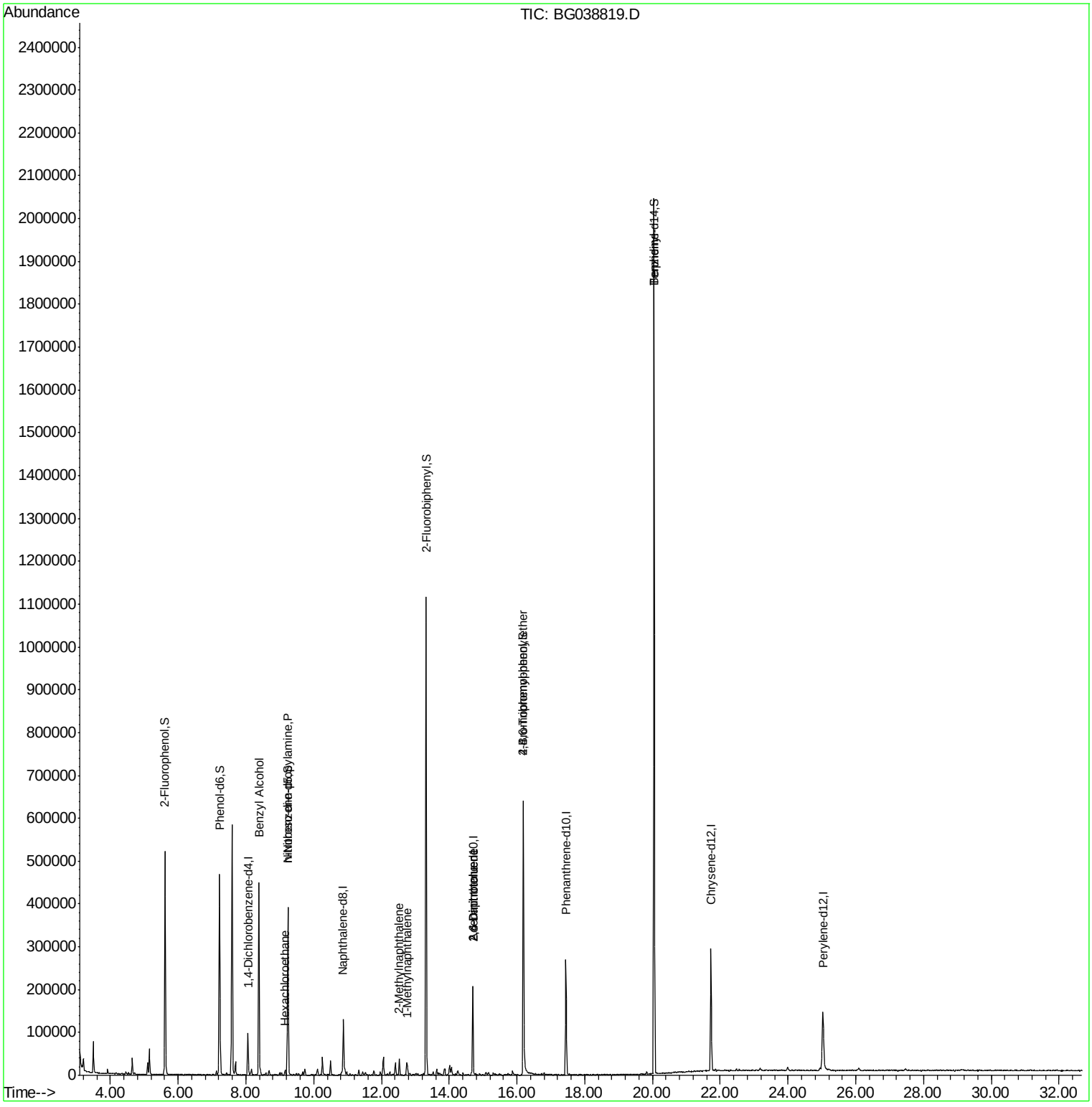
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

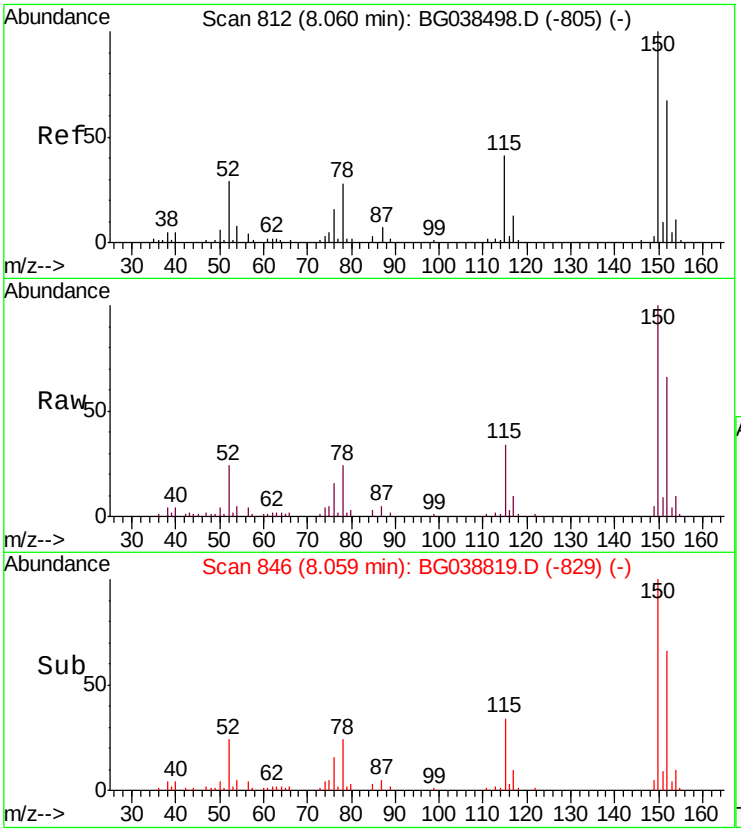
Quantitation Report (Not Reviewed)

Data File : BG038819.D
Acq On : 22 Dec 2018 15:55
Operator : JU/SJ
Sample : J6492-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1

Quant Time: Dec 24 03:56:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



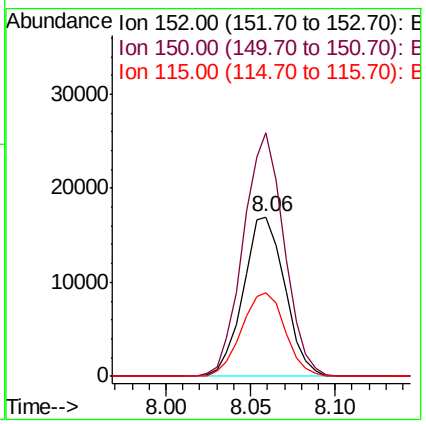


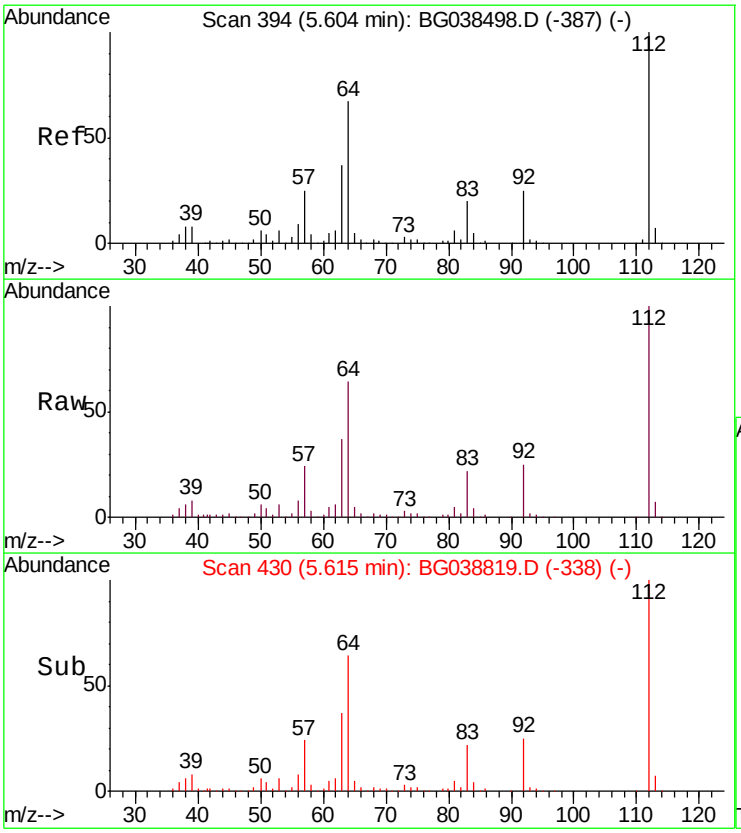
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:152 Resp: 29120

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	52.3	49.6	74.4

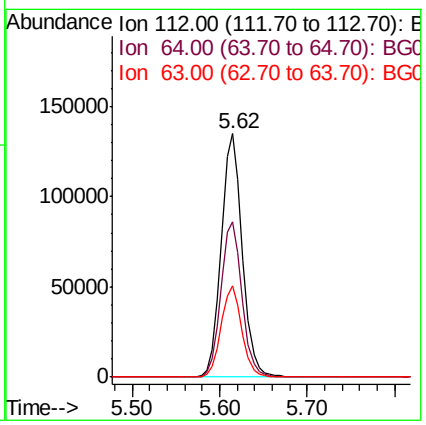


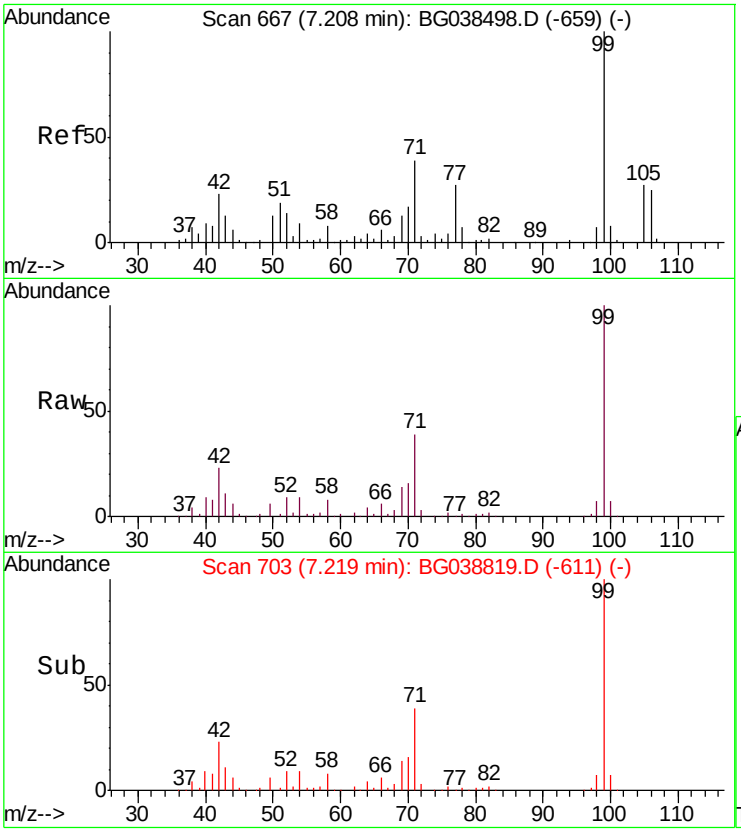


#5
2-Fluorophenol
Concen: 136.075 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:112 Resp: 223410

Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.4	80.2
63	37.4	29.3	43.9



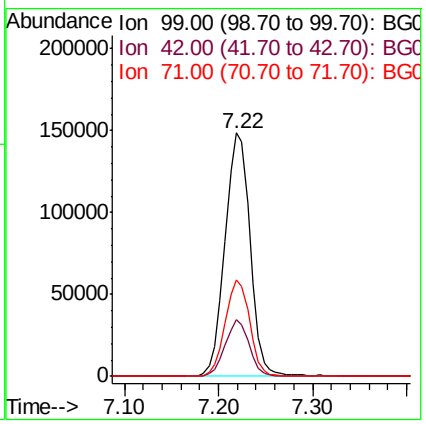


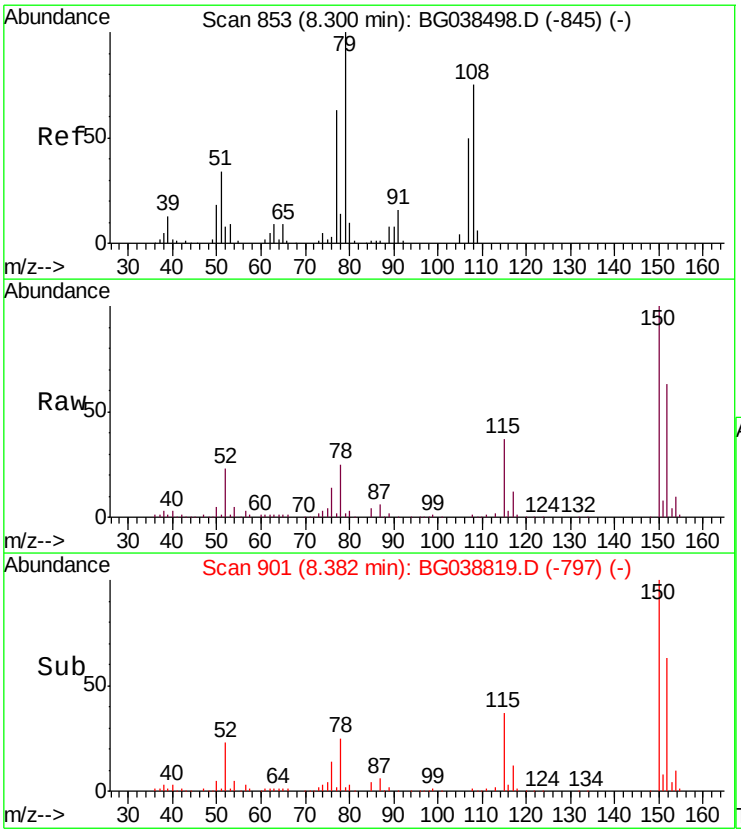
#7
Phenol-d6
Concen: 122.336 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion: 99 Resp: 275731

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.5	27.7
71	39.4	31.1	46.7

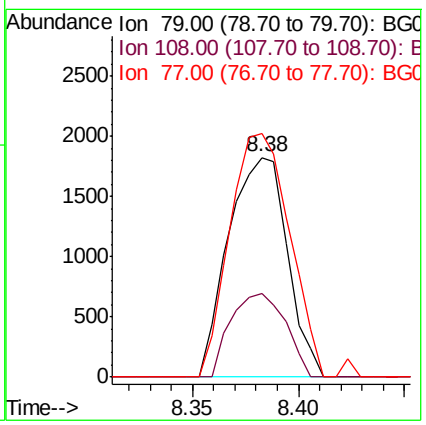


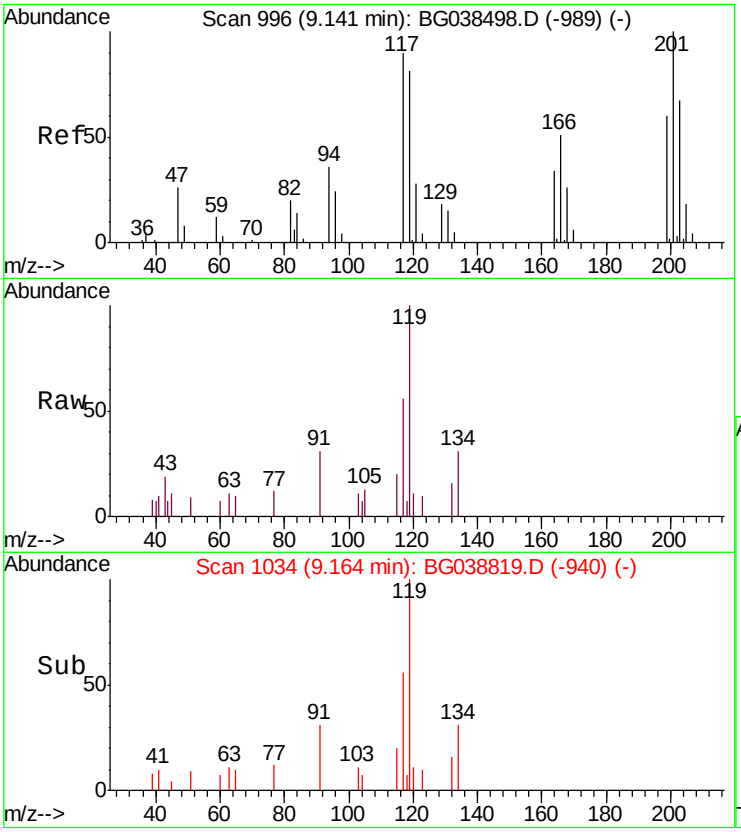


#15
Benzyl Alcohol
Concen: 2.001 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion: 79 Resp: 3521

Ion	Ratio	Lower	Upper
79	100		
108	38.0	60.2	90.4#
77	110.8	50.7	76.1#



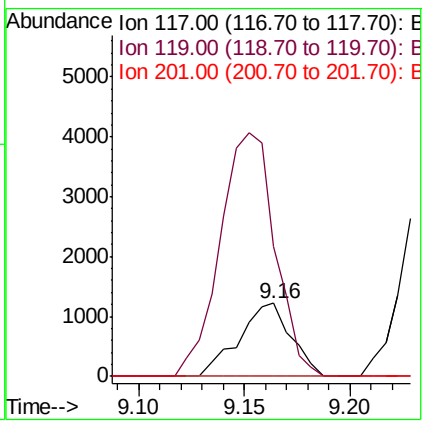


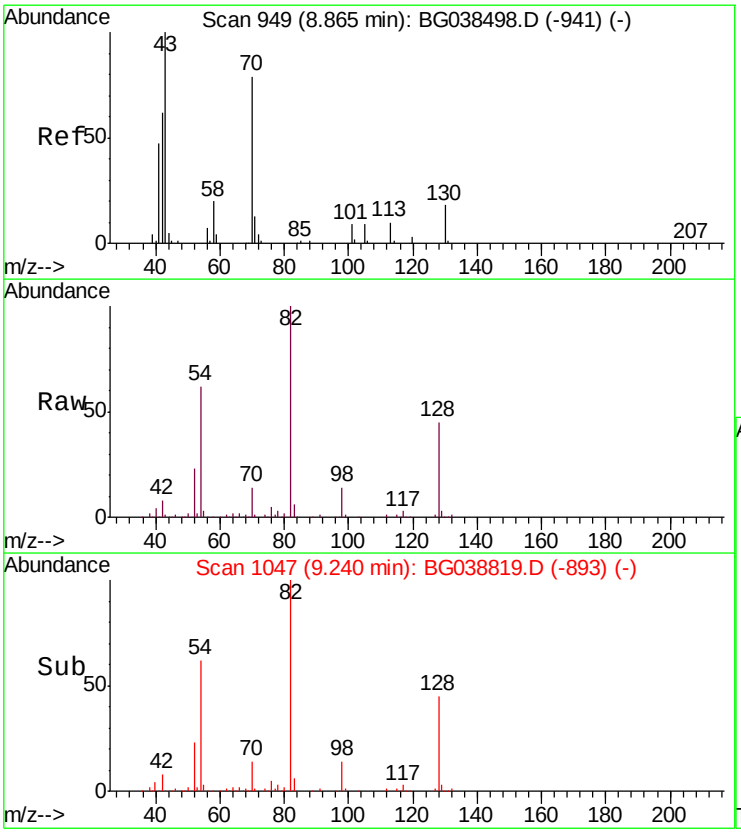
#18
Hexachloroethane
Concen: 2.488 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:117 Resp: 2092

Ion	Ratio	Lower	Upper
117	100		
119	177.5	73.8	110.8#
201	0.0	89.4	134.0#

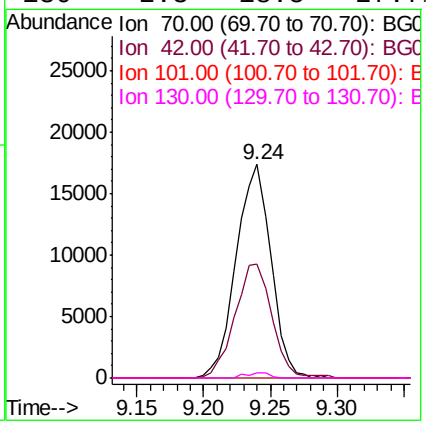


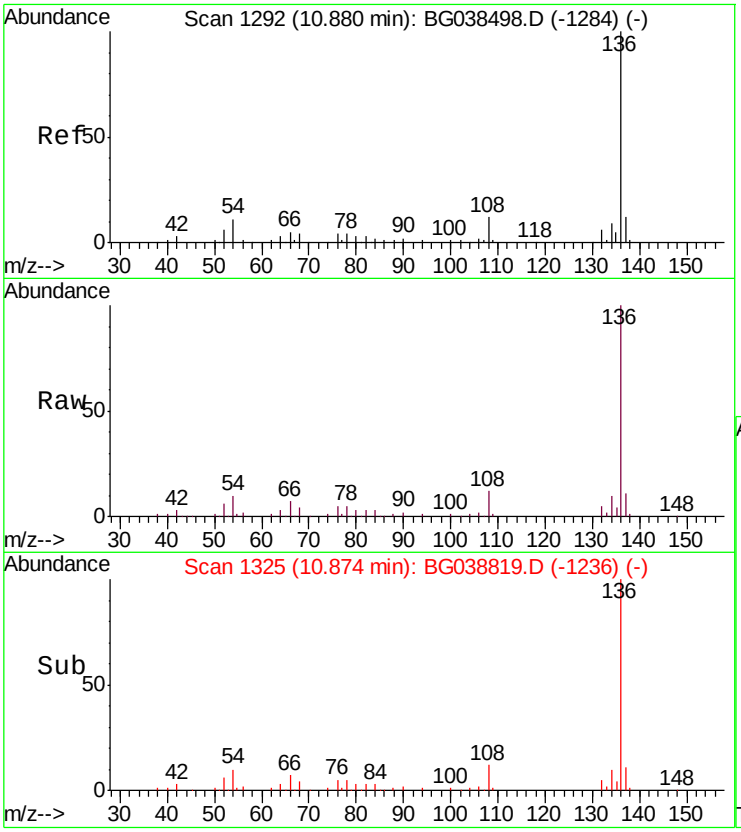


#19
n-Nitroso-di-n-propylamine
Concen: 19.762 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion: 70 Resp: 31284

Ion	Ratio	Lower	Upper
70	100		
42	53.1	63.6	95.4#
101	0.0	9.2	13.8#
130	2.3	18.5	27.7#



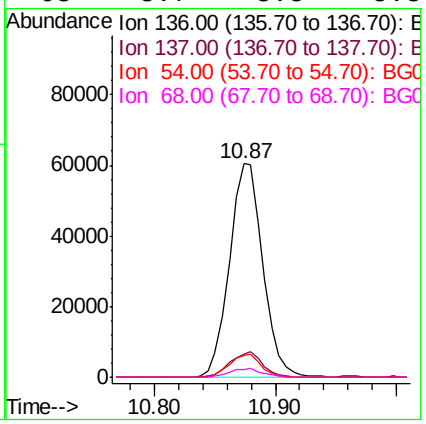


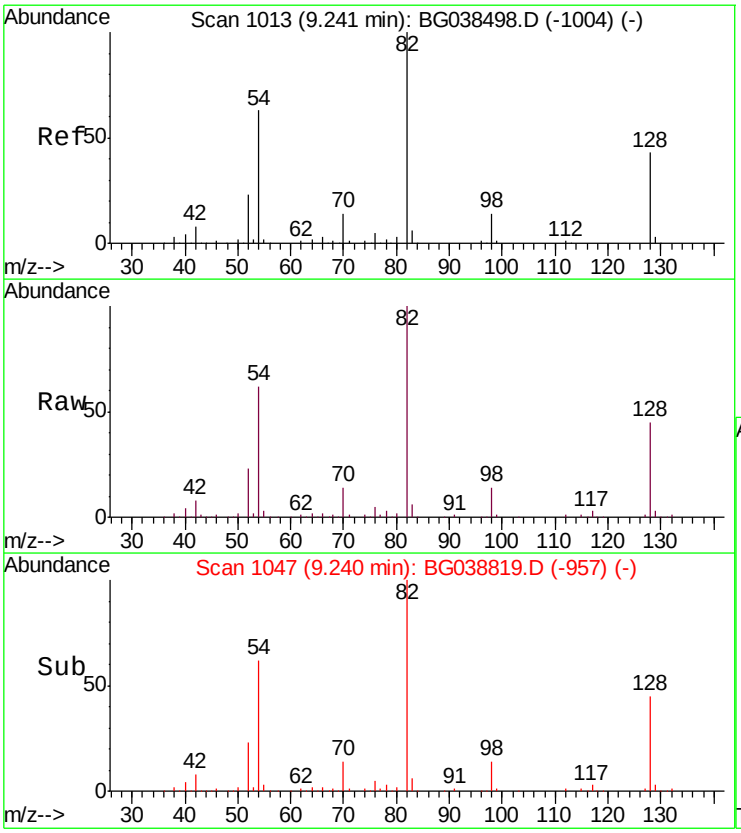
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:136 Resp: 116005

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	10.6	8.5	12.7
68	3.7	3.5	5.3

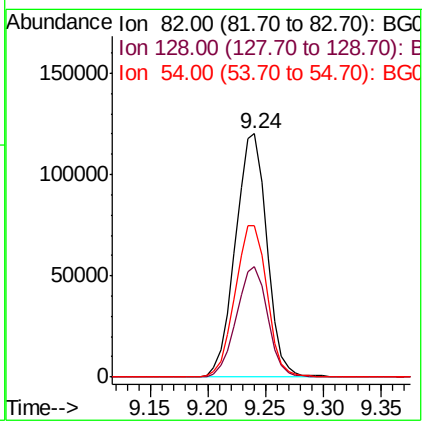


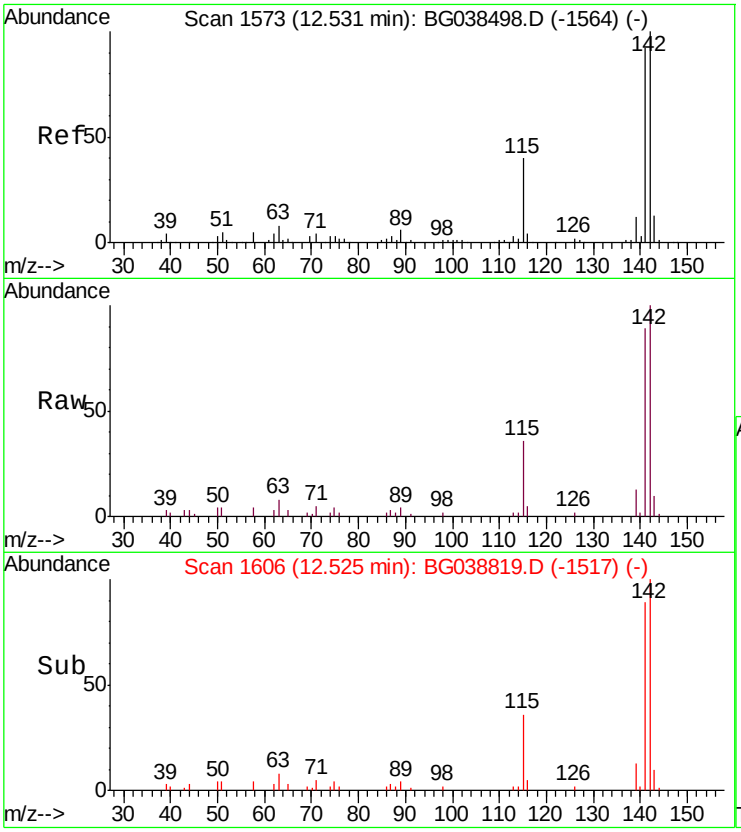


#23
Nitrobenzene-d5
Concen: 100.258 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion: 82 Resp: 227658

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	62.2	50.6	76.0



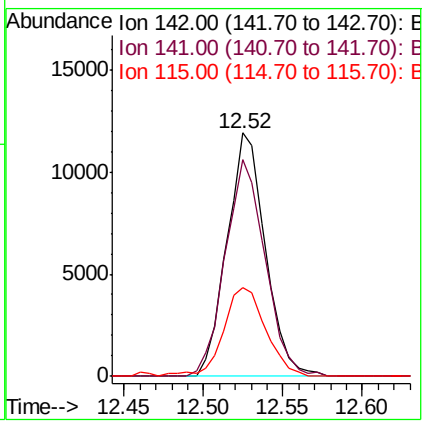


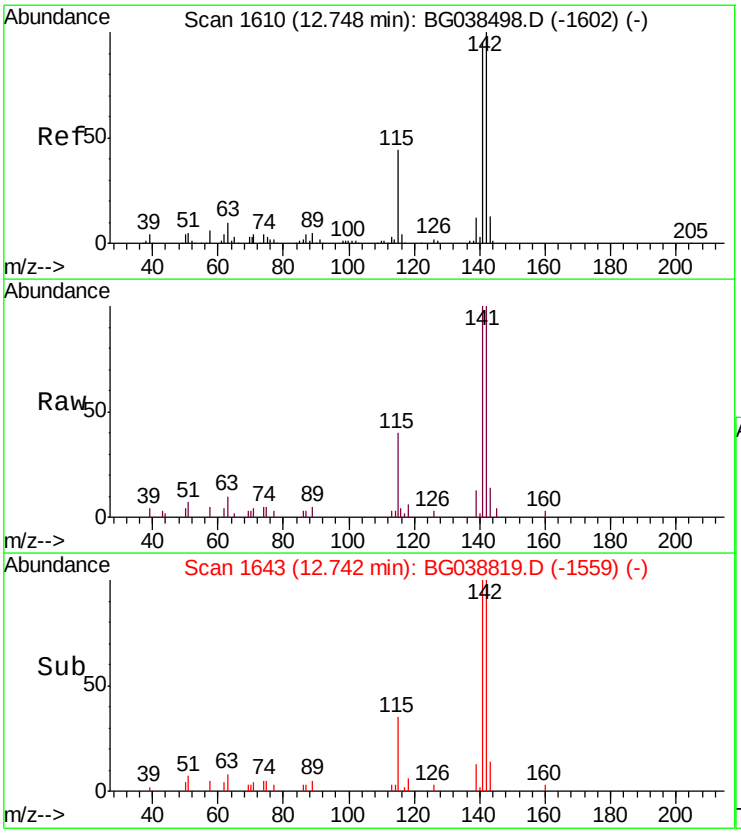
#37
2-Methylnaphthalene
Concen: 4.898 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:142 Resp: 19971

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.5	110.3
115	36.4	31.7	47.5

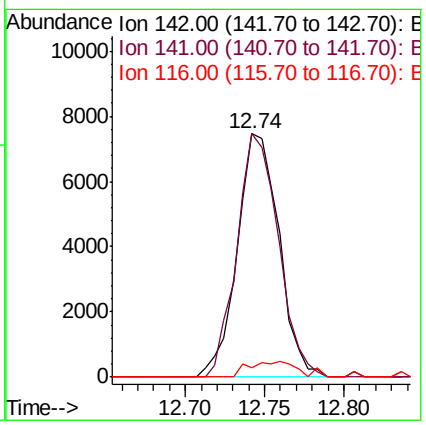


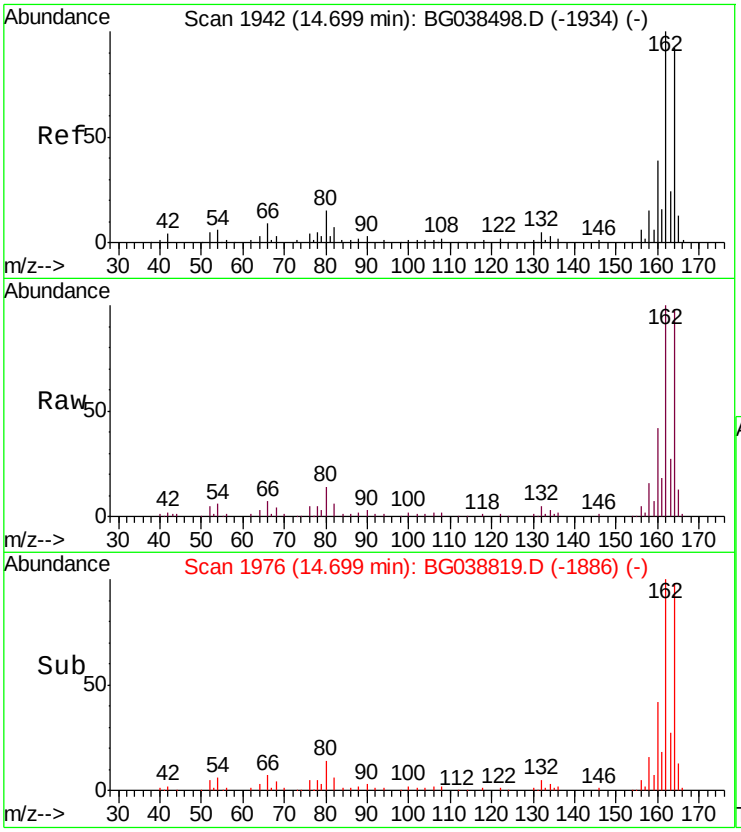


#38
1-Methylnaphthalene
Concen: 3.451 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:142 Resp: 13657

Ion	Ratio	Lower	Upper
142	100		
141	100.1	75.8	113.8
116	4.0	3.6	5.4



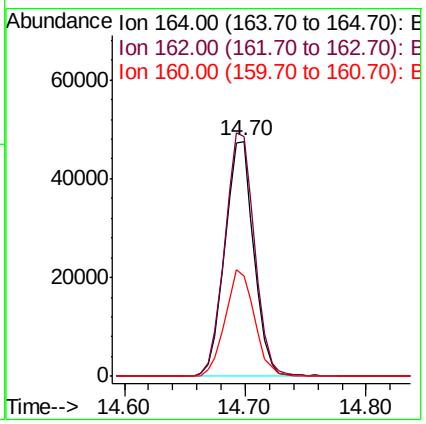


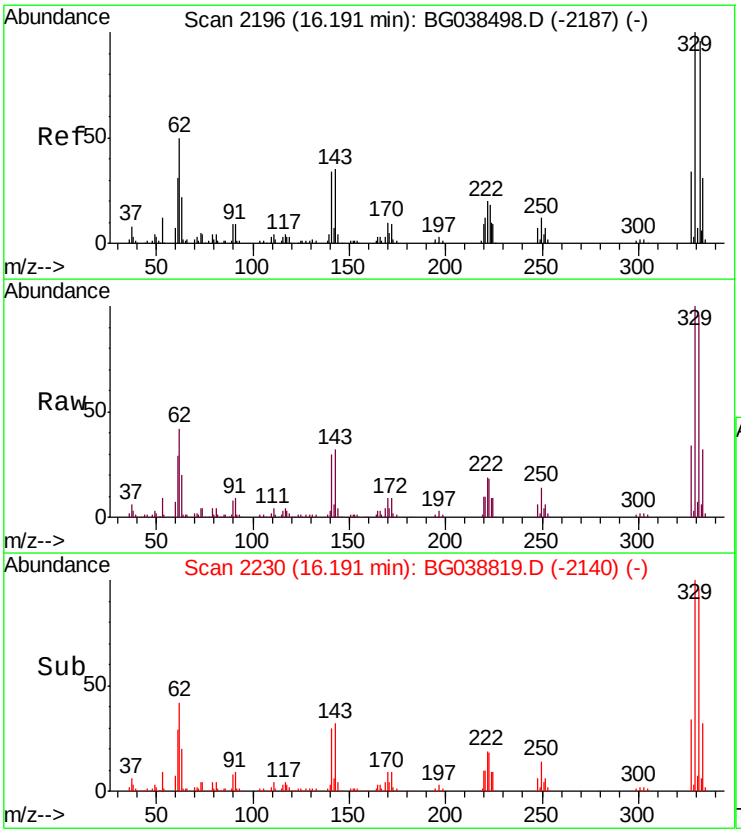
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:164 Resp: 79188

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.6	130.0
160	42.9	34.2	51.2

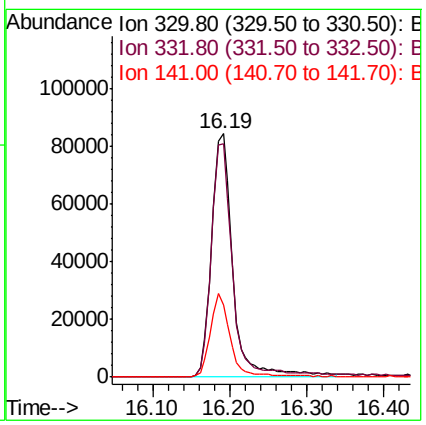


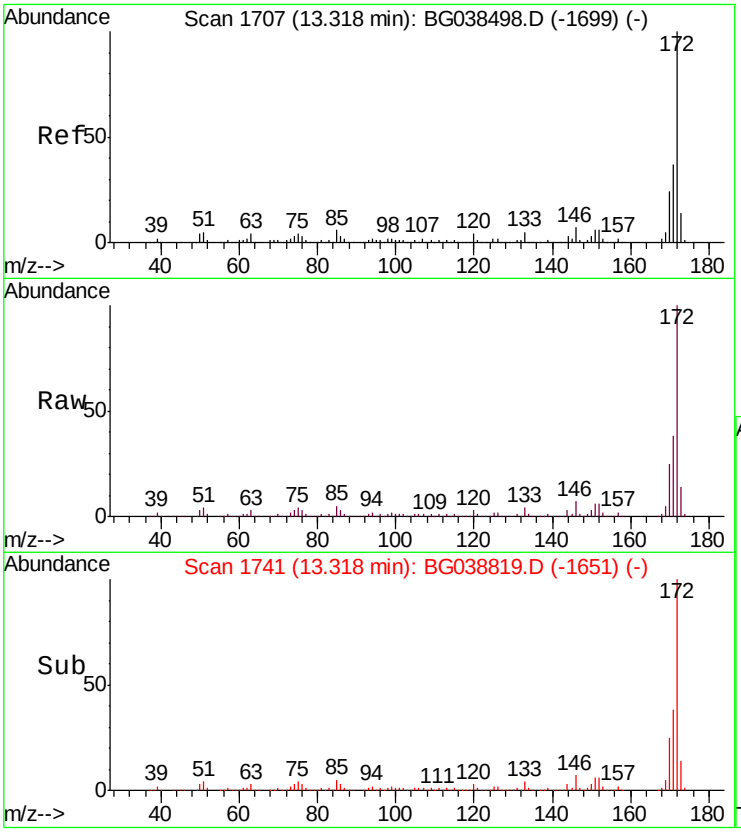


#42
2,4,6-Tribromophenol
Concen: 147.315 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:330 Resp: 160773

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	32.5	28.8	43.2



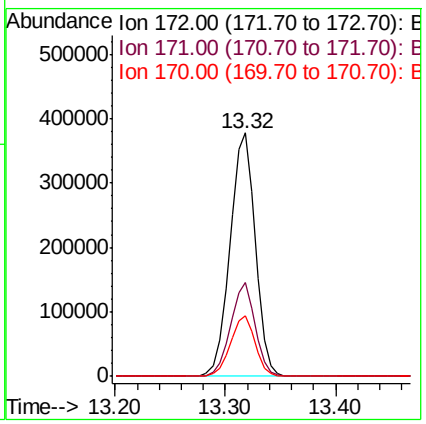


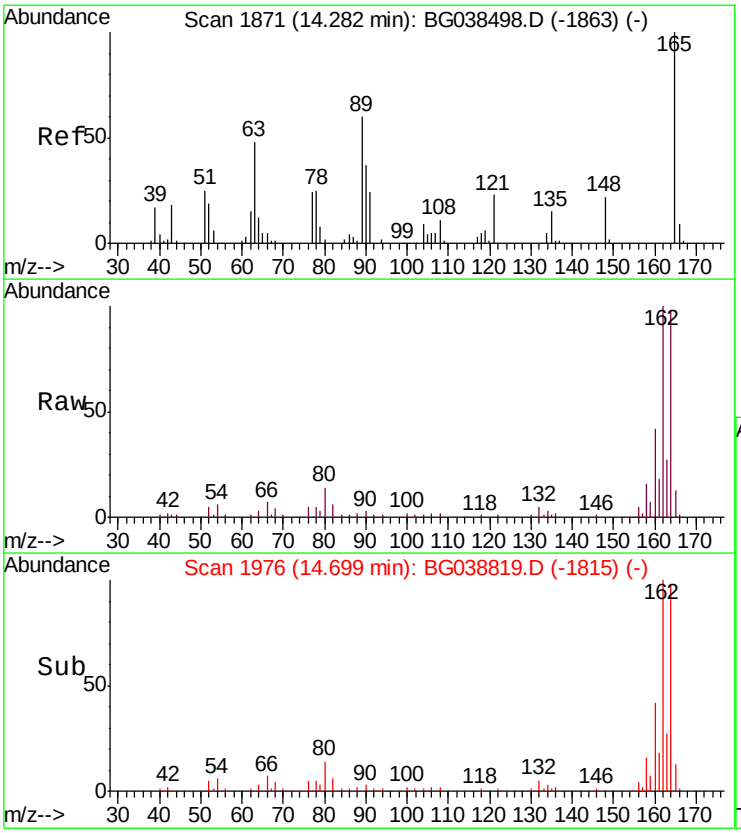
#45
2-Fluorobiphenyl
Concen: 104.886 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:172 Resp: 605438

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.8	44.6
170	24.9	19.5	29.3

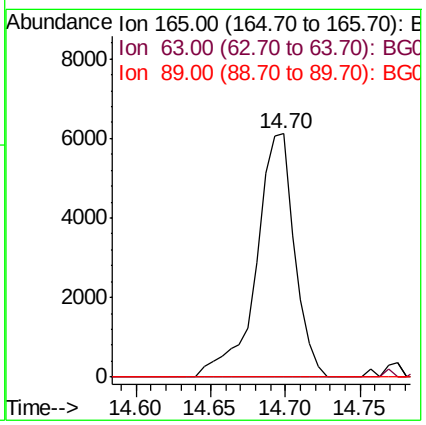


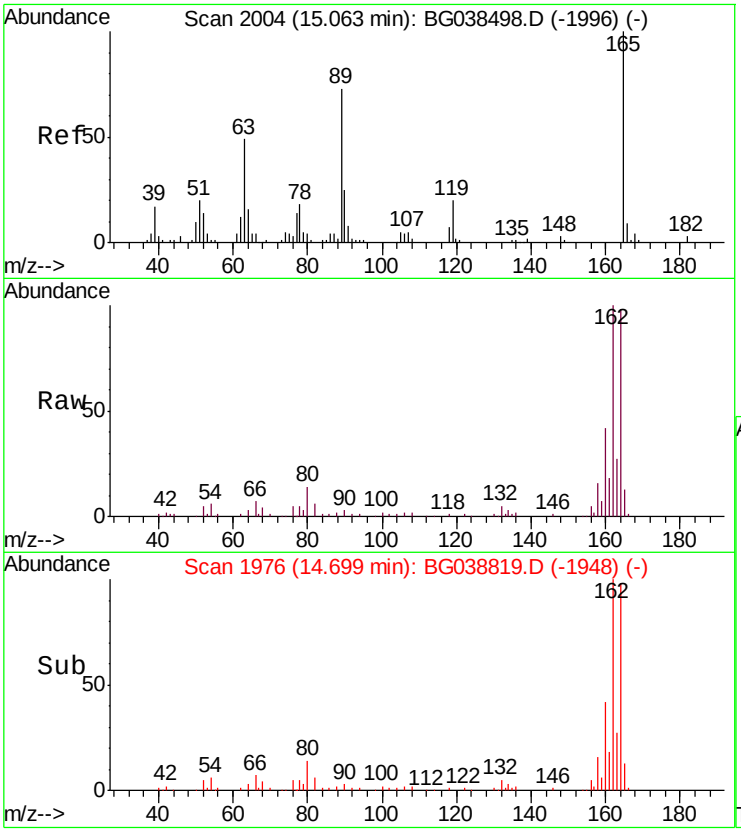


#51
2,6-Dinitrotoluene
Concen: 7.383 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:165 Resp: 10820

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



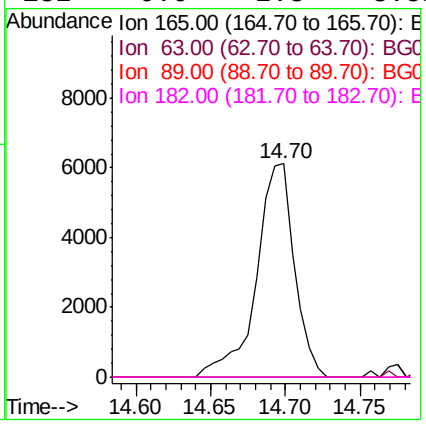


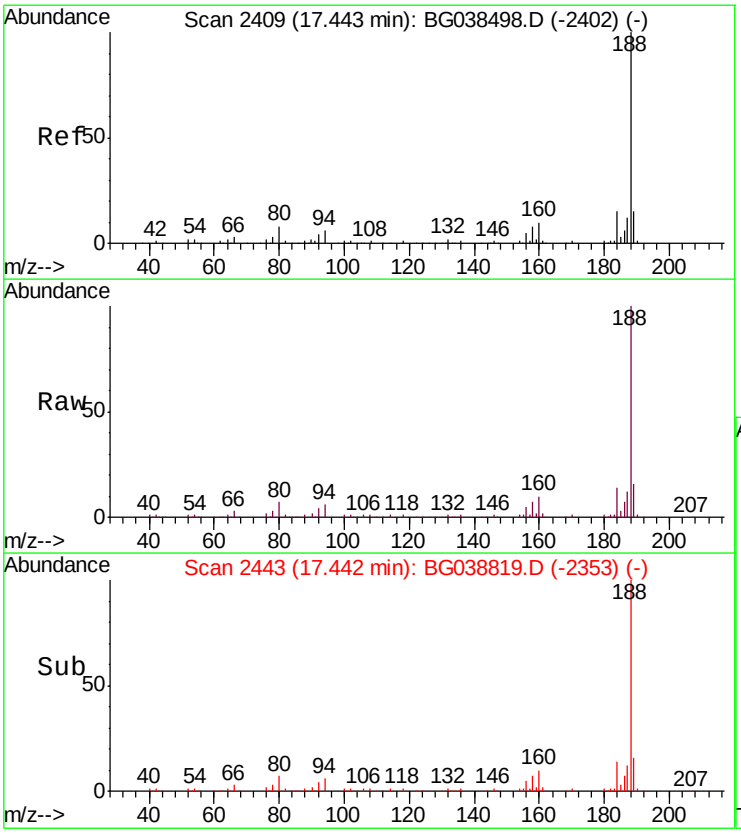
#57
2,4-Dinitrotoluene
Concen: 5.242 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:165 Resp: 10820

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

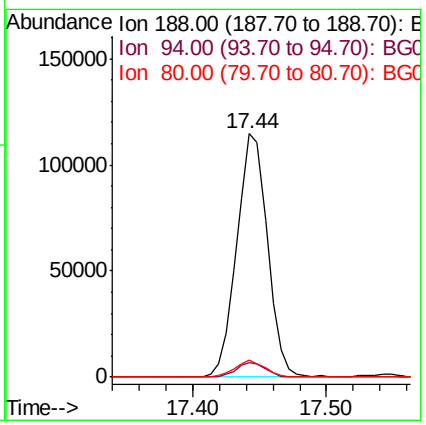


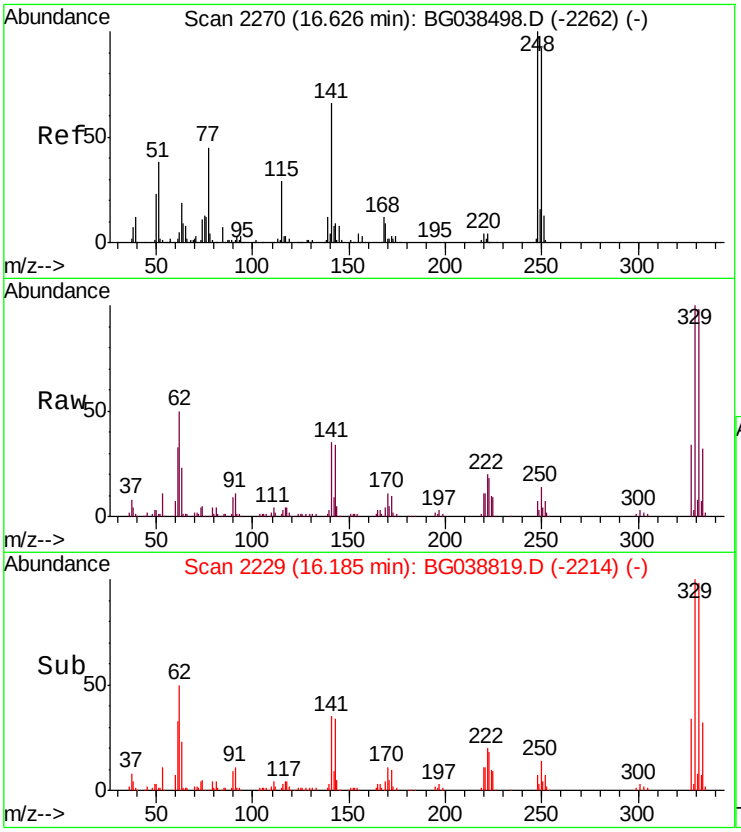


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:188 Resp: 182146

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.9	6.1	9.1



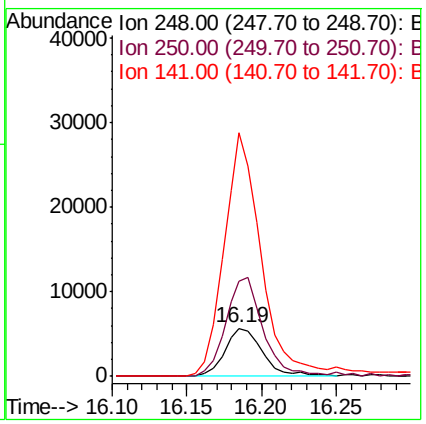


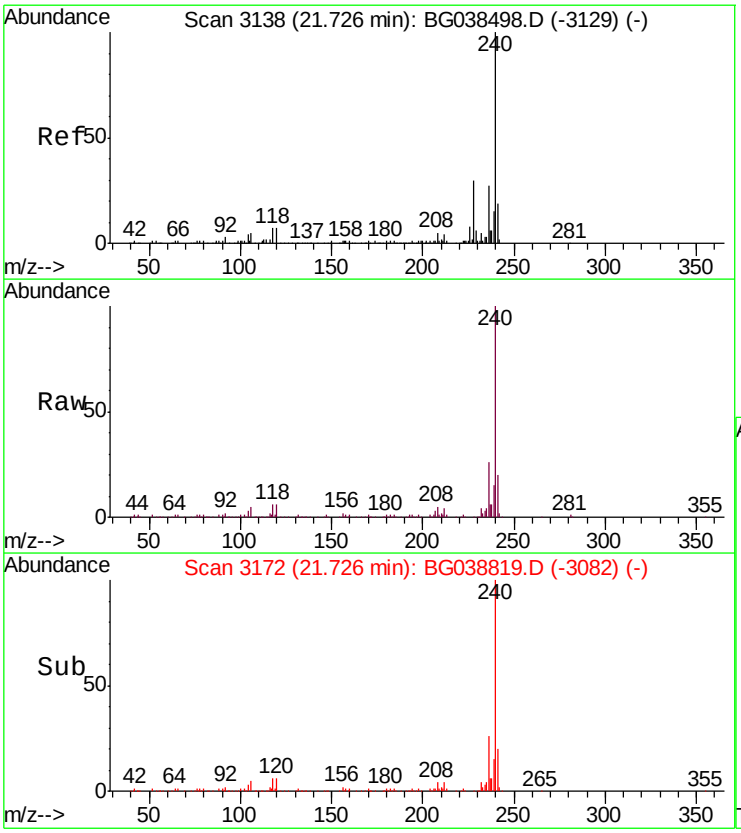
#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:248 Resp: 10045

Ion	Ratio	Lower	Upper
248	100		
250	189.6	73.4	110.2#
141	372.5	52.9	79.3#

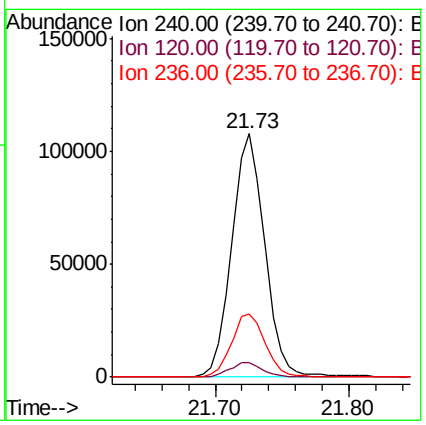


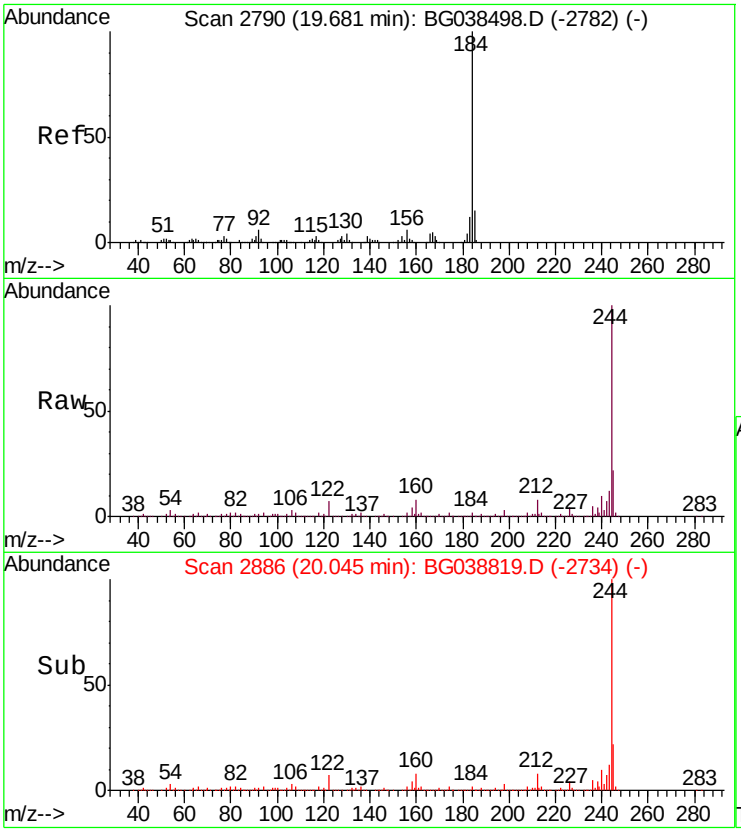


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:240 Resp: 184614

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.3	7.9
236	26.1	21.4	32.2



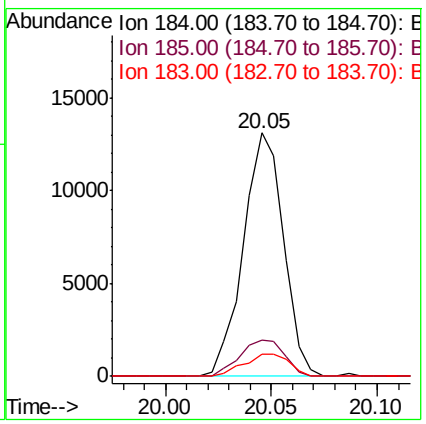


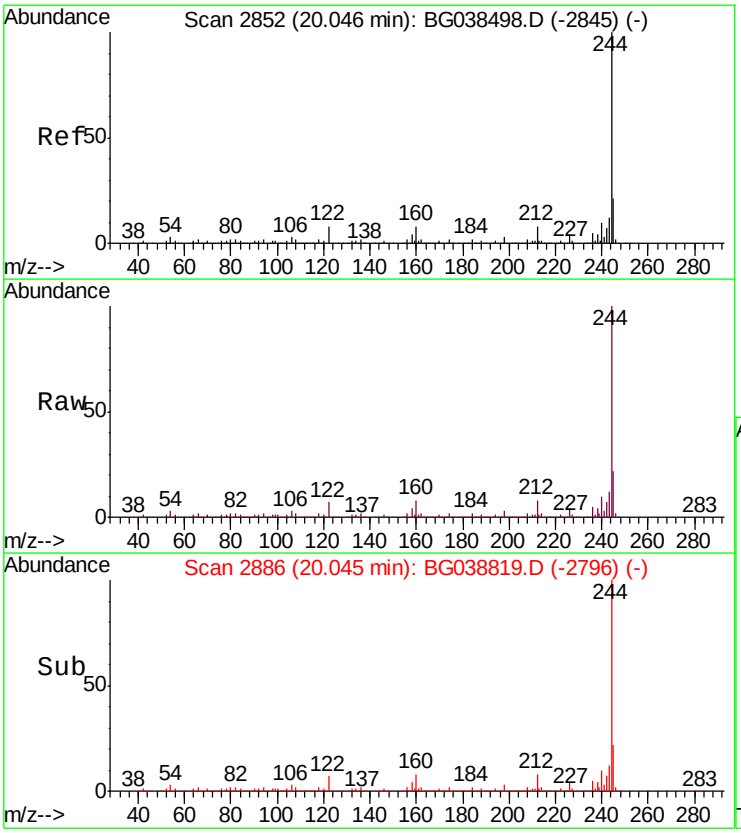
#77
Benzidine
Concen: 3.169 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:184 Resp: 17302

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	9.3	9.6	14.4#

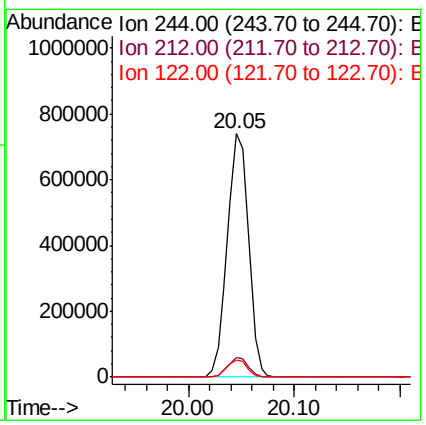


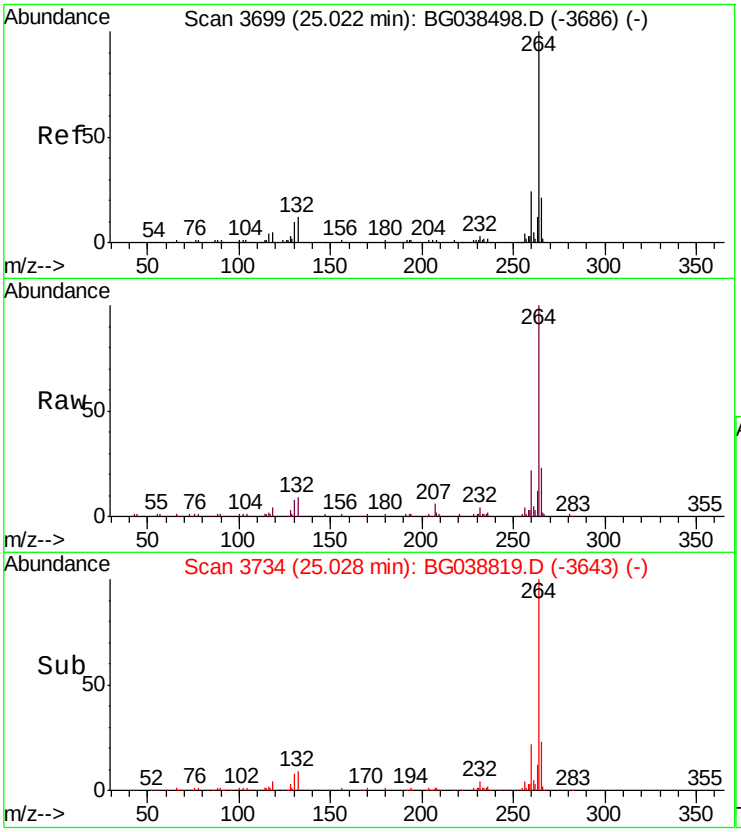


#79
Terphenyl-d14
Concen: 121.038 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:244 Resp: 1026741

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.2	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tgt Ion:264 Resp: 192247

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.9	28.3
265	22.8	17.0	25.4