Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Time: Dec 10 02:52:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25546	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	108886	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	74270	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	183034	20.00	ng		0.00
76) Chrysene-d12	21.73	240	176131	20.00	ng		-0.01
87) Perylene-d12	25.03	264	180802	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	83878	58.10	ng		0.00
7) Phenol-d6	7.22	99	72173	34.59	ng		0.00
23) Nitrobenzene-d5	9.24	82	294523	134.29	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	134296	147.29	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	456771	87.63	ng		0.00
79) Terphenyl-d14	20.05	244	762981	92.80	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	5581	2.532	ng	#	73
15) Benzyl Alcohol	8.39	79	4879	2.844	ng	#	47
17) 2-Methylphenol	8.54	107	165	Below Cal		#	1
18) Hexachloroethane	9.17	117	39486	53.963	ng	#	1
19) n-Nitroso-di-n-propylamine	9.24	70	37599	23.804	ng	#	76
22) Acetophenone	8.86	105	26221	7.888	ng	#	53
24) Nitrobenzene	9.26	77	7872	3.533	ng	#	1
37) 2-Methylnaphthalene	12.53	142	28693	7.746	ng		95
38) 1-Methylnaphthalene	12.76	142	38934	10.975	ng		98
50) Dimethylphthalate	14.15	163	23871	4.007	ng		98
51) 2,6-Dinitrotoluene	14.70	165	9596	7.052	ng	#	28
57) 2,4-Dinitrotoluene	14.70	165	9596	5.113	ng	#	27
67) 4-Bromophenyl-phenylether	16.19	248	9646	4.880	ng	#	1
77) Benzidine	20.05	184	13502	2.272	ng	#	91

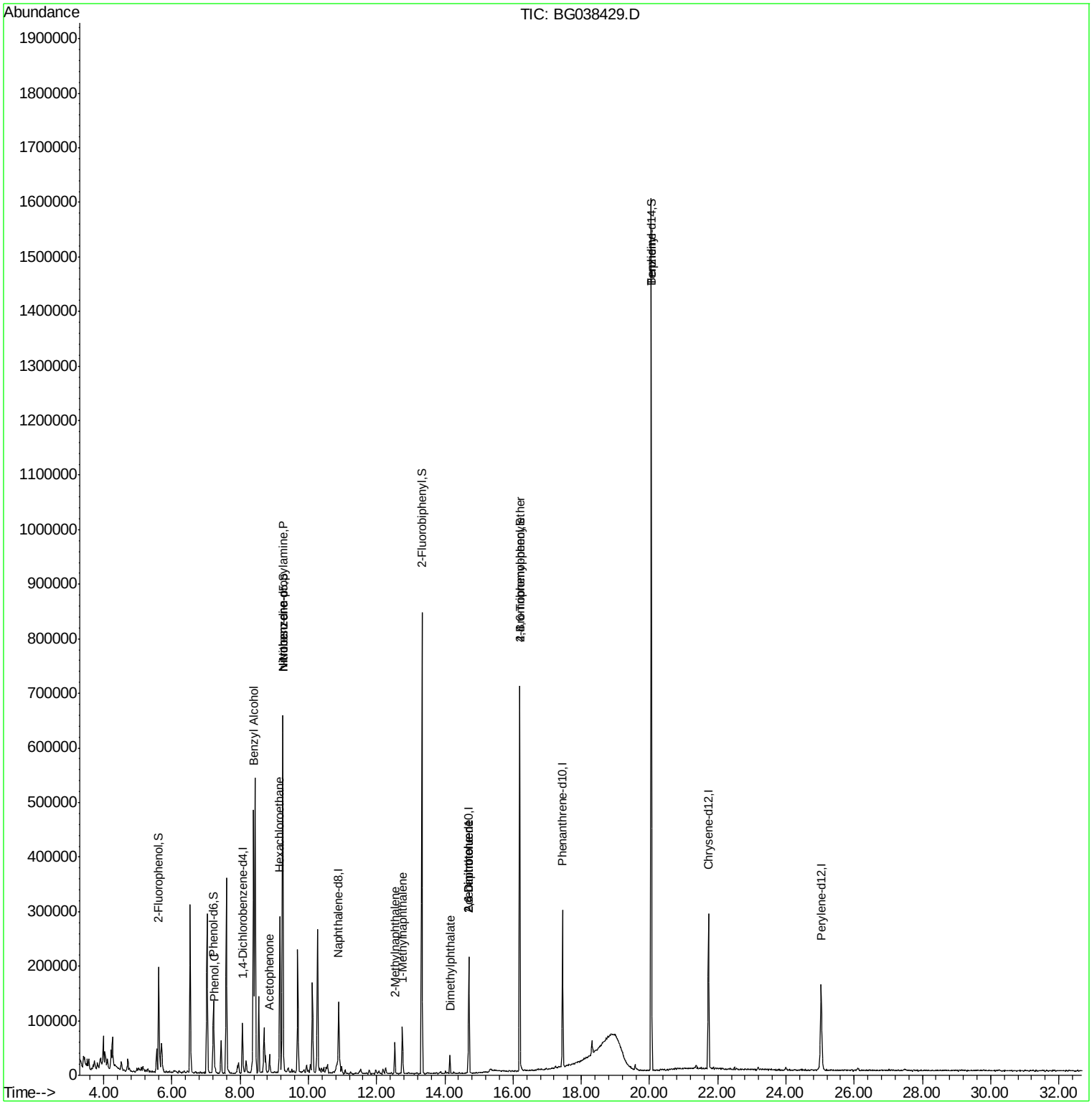
(#) = qualifier out of range (m) = manual integration (+) = signals summed

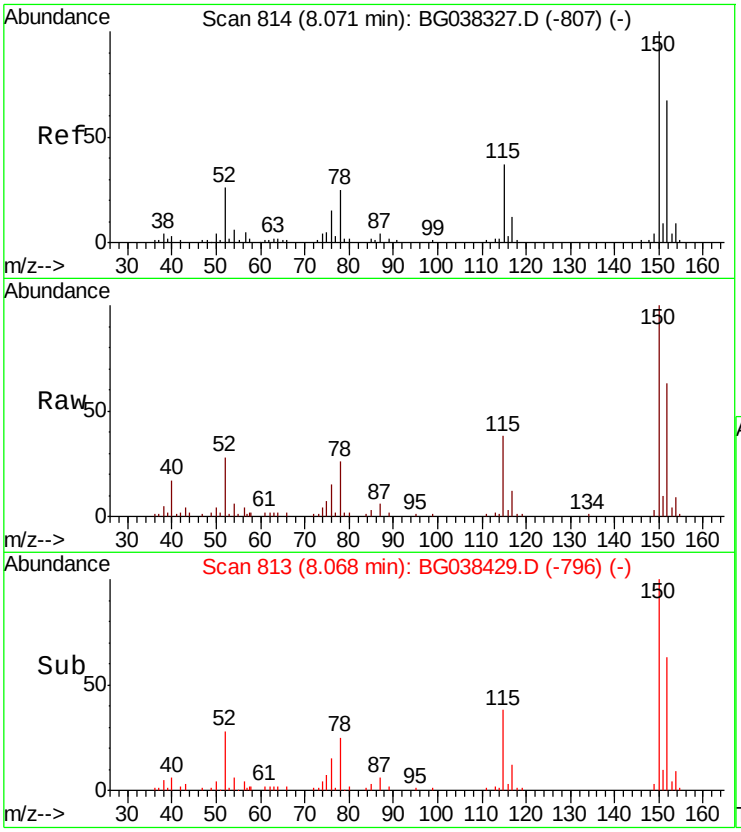
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Time: Dec 10 02:52:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



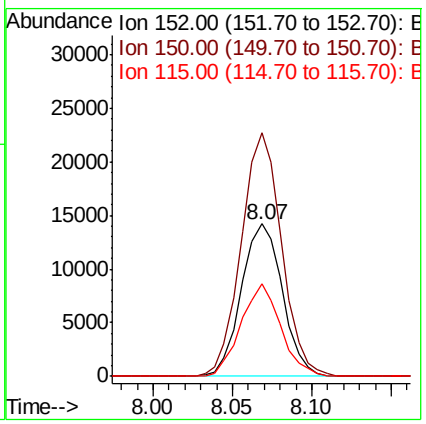


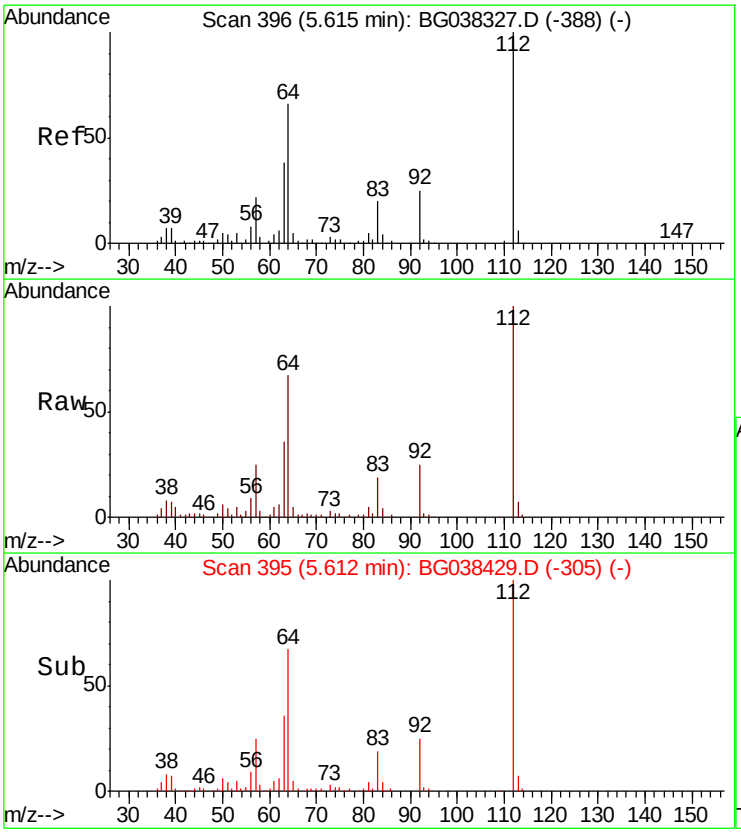
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 25546

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.0	189.0
115	60.3	45.5	68.3

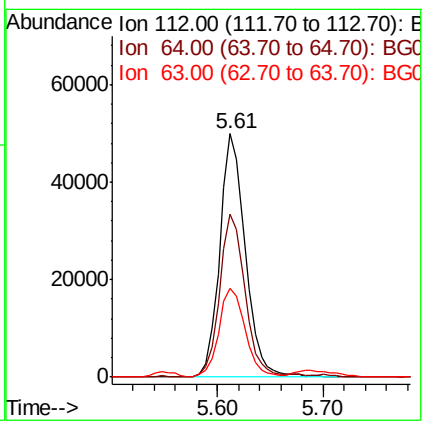


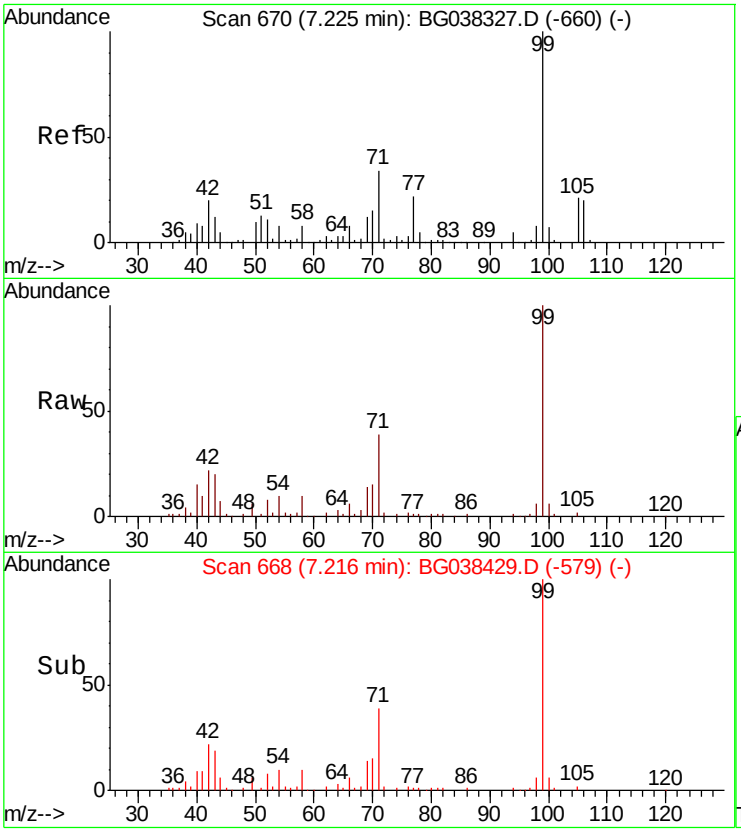


#5
2-Fluorophenol
Concen: 58.105 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:112 Resp: 83878

Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.1	79.7
63	36.2	27.3	40.9



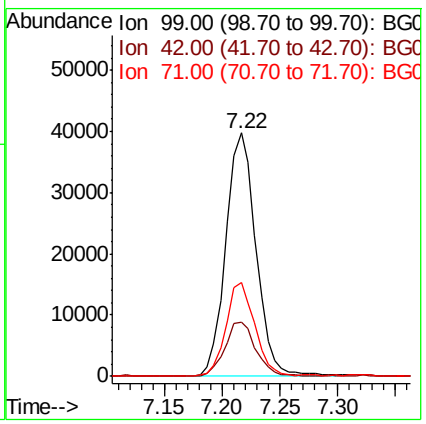


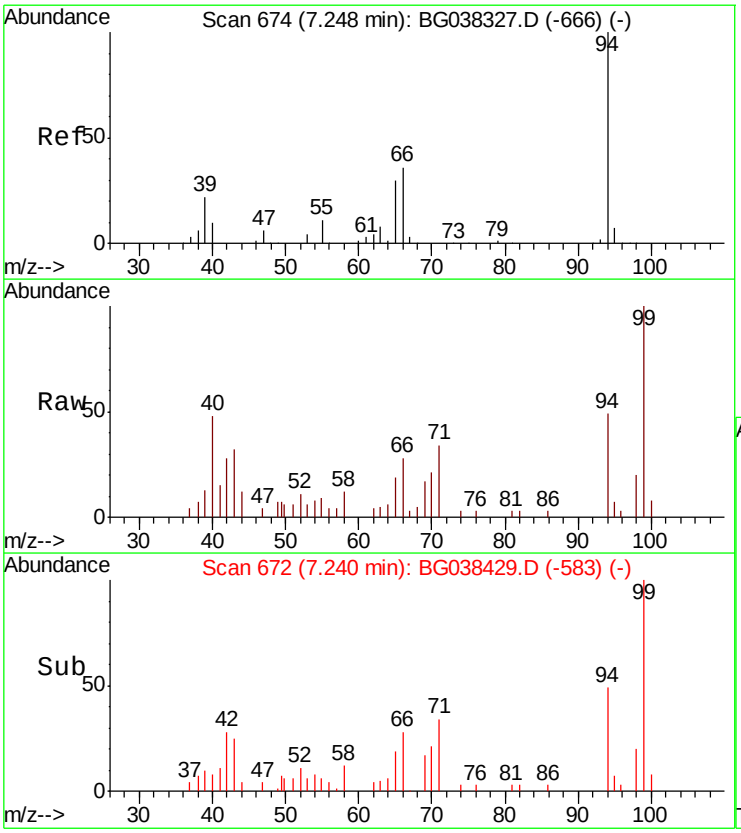
#7
Phenol-d6
Concen: 34.591 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 72173

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.0	22.4
71	38.6	25.5	38.3#

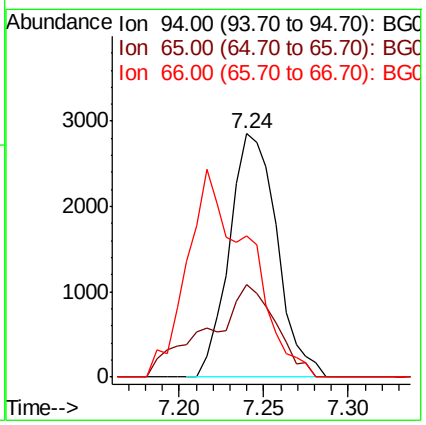


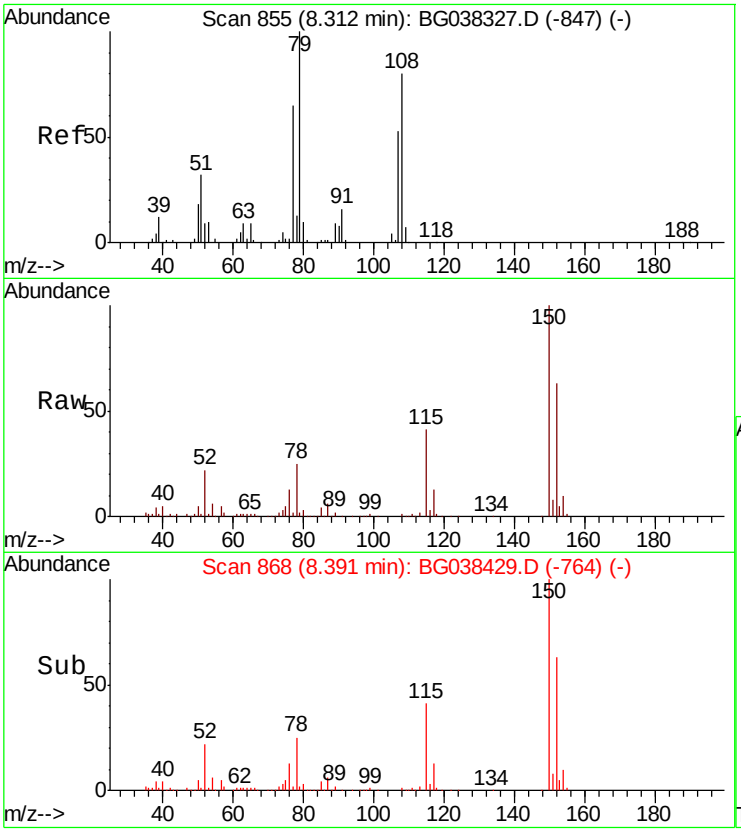


#10
Phenol
Concen: 2.532 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion: 94 Resp: 5581

Ion	Ratio	Lower	Upper
94	100		
65	38.1	9.7	49.7
66	57.8	15.9	55.9#



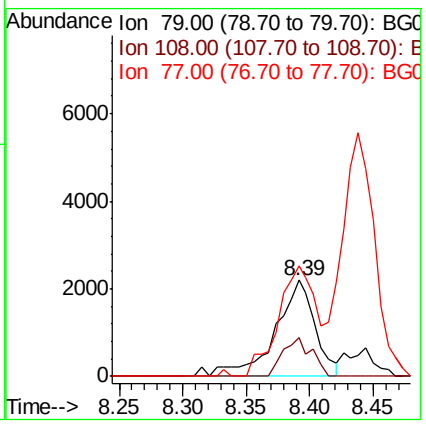


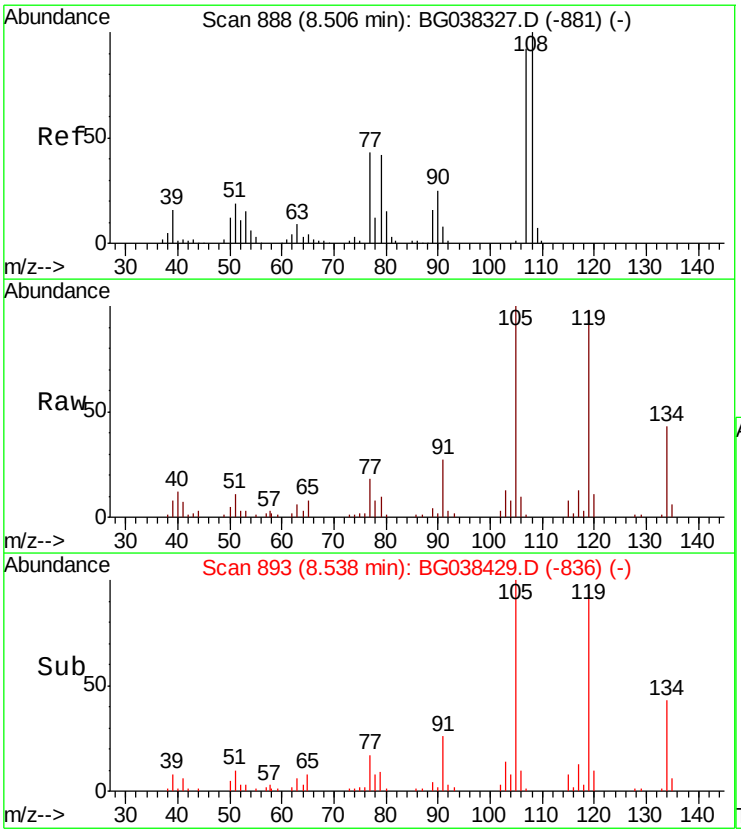
#15
Benzyl Alcohol
Concen: 2.844 ng
RT: 8.39 min Scan# 868
Delta R.T. 0.08 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 79 Resp: 4879

Ion	Ratio	Lower	Upper
79	100		
108	40.0	65.8	98.8#
77	114.3	52.9	79.3#

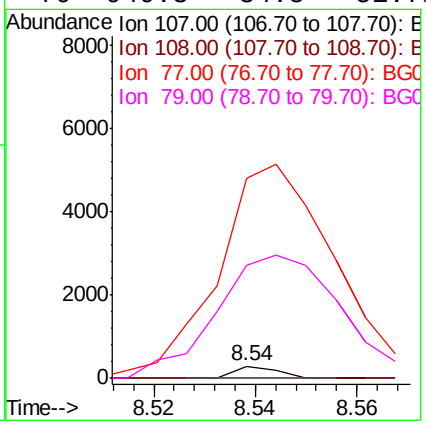


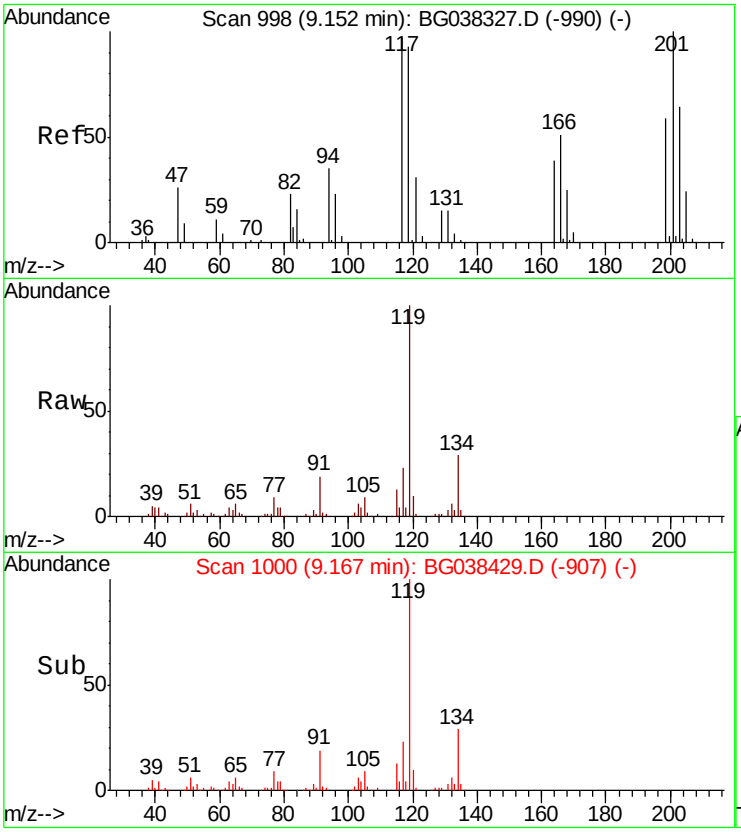


#17
2-Methylphenol
Concen: Below Cal
RT: 8.54 min Scan# 893
Delta R.T. 0.03 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:107 Resp: 165

Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.9	131.9#
77	1670.1	35.1	52.7#
79	940.3	34.5	51.7#



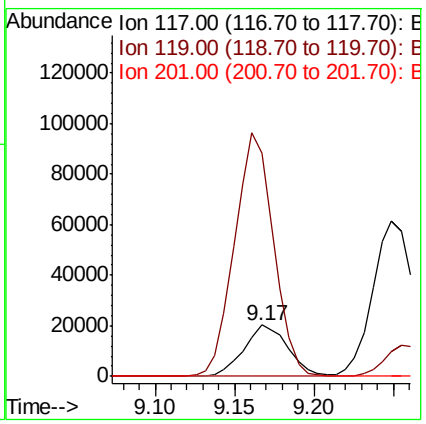


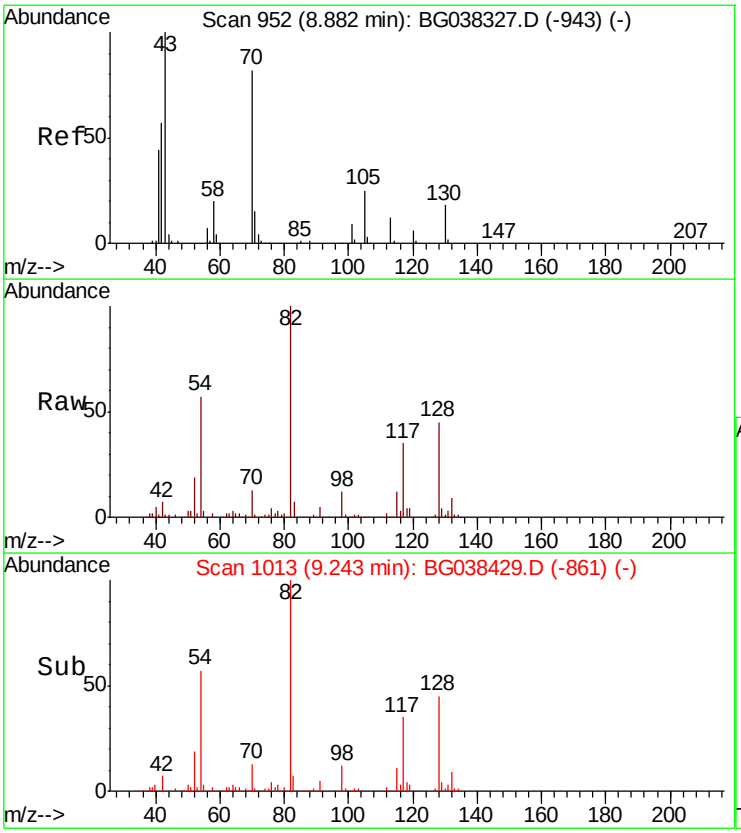
#18
Hexachloroethane
Concen: 53.963 ng
RT: 9.17 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 39486

Ion	Ratio	Lower	Upper
117	100		
119	434.8	74.6	111.8#
201	0.0	80.8	121.2#

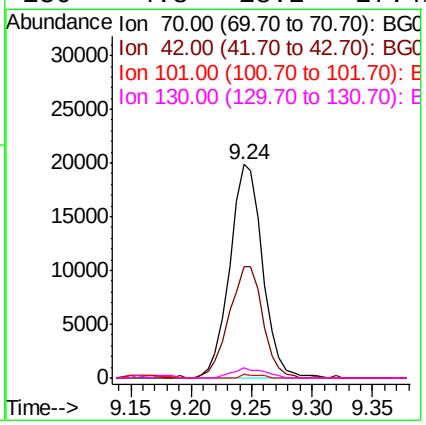


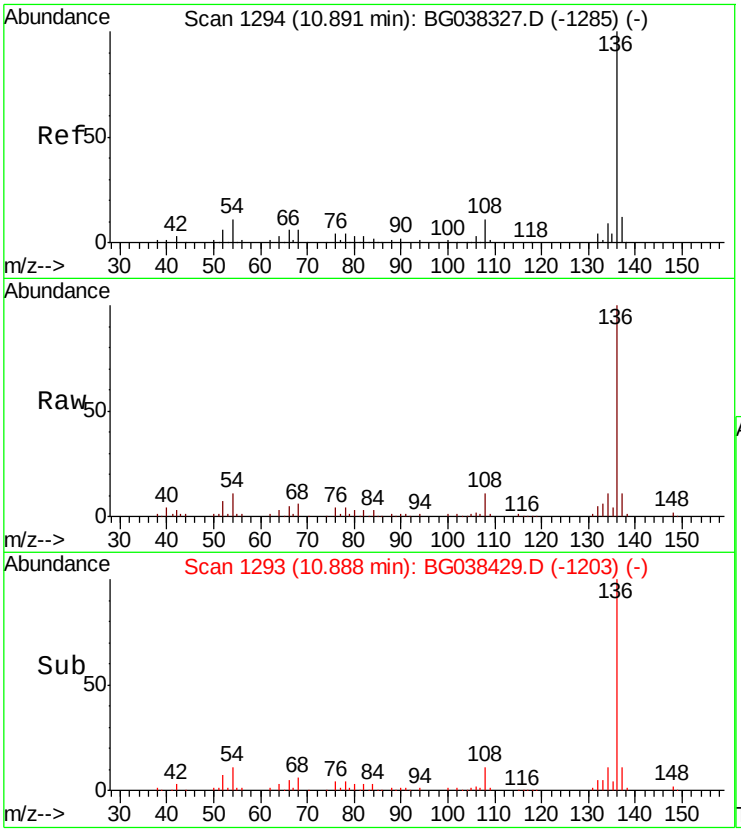


#19
n-Nitroso-di-n-propylamine
Concen: 23.804 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.36 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion: 70 Resp: 37599

Ion	Ratio	Lower	Upper
70	100		
42	52.2	53.9	80.9#
101	1.5	8.2	12.2#
130	4.8	18.2	27.4#



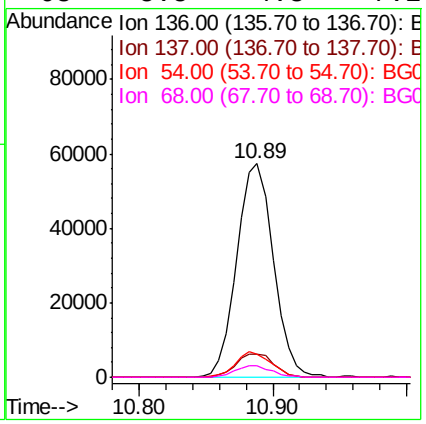


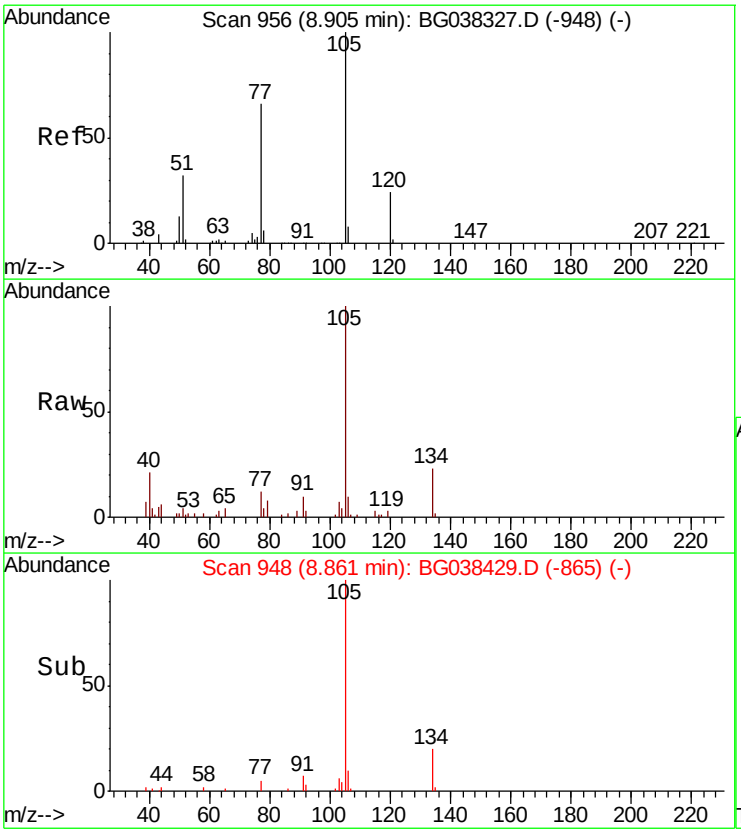
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 108886

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.1	7.9	11.9
68	5.5	4.8	7.2

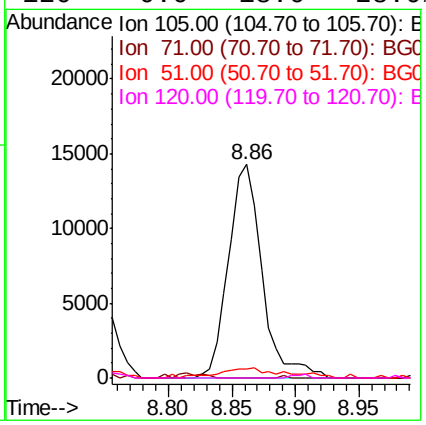


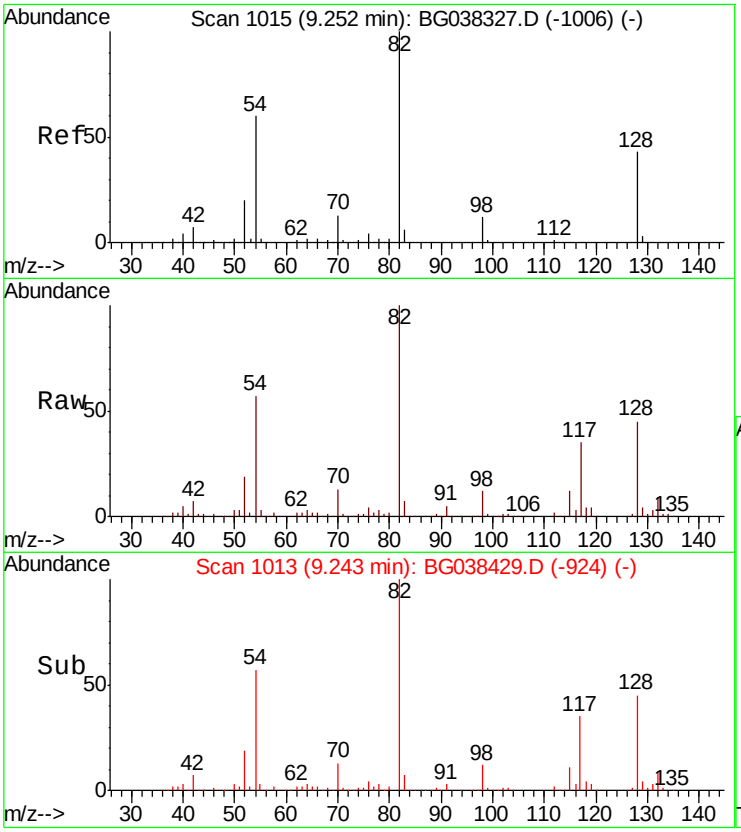


#22
Acetophenone
Concen: 7.888 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.04 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:105 Resp: 26221

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	4.2	25.0	37.6#
120	0.0	18.6	28.0#



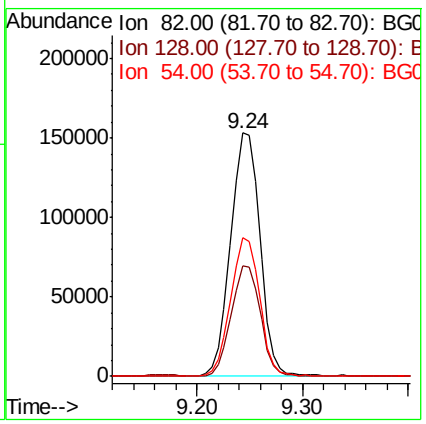


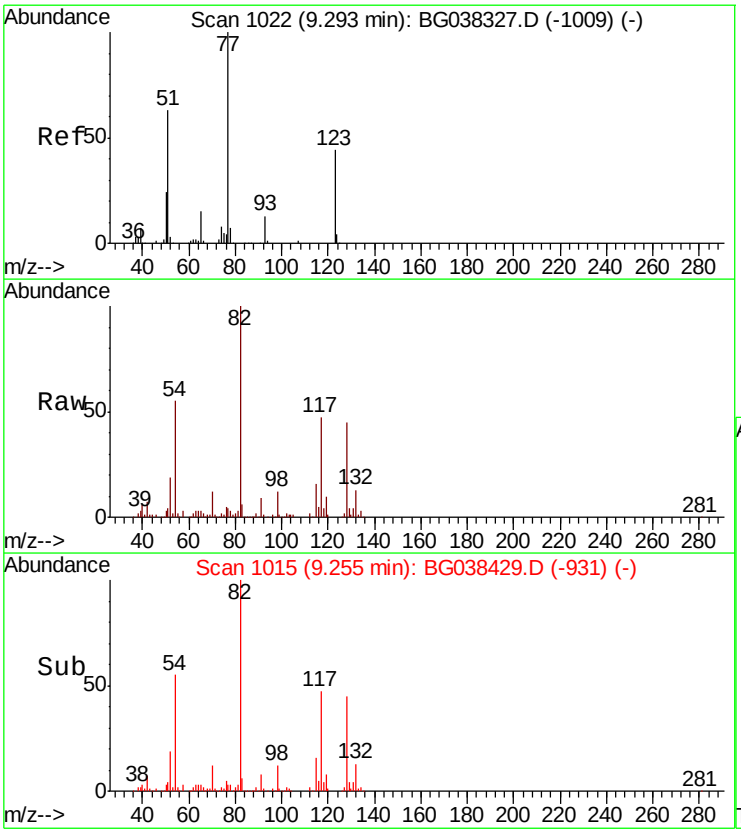
#23
Nitrobenzene-d5
Concen: 134.291 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 294523

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	57.0	45.3	67.9

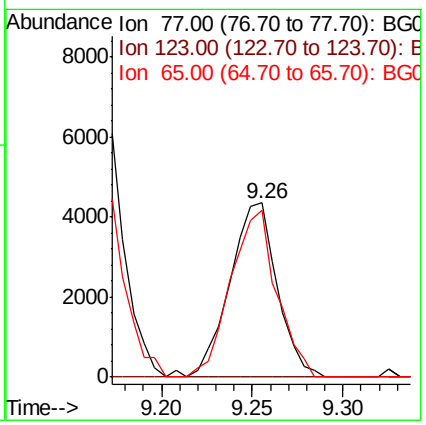


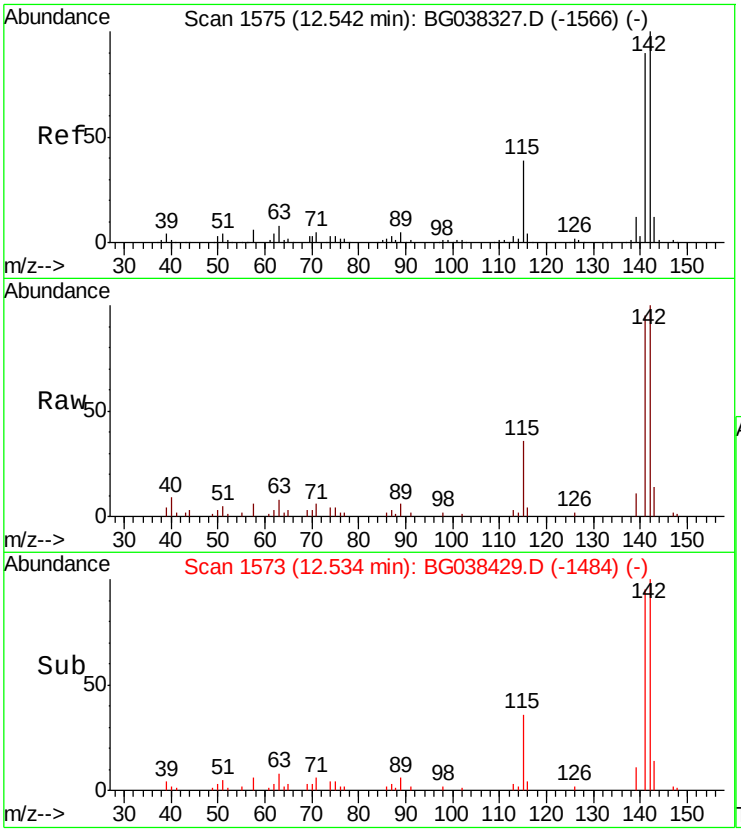


#24
Nitrobenzene
Concen: 3.533 ng
RT: 9.26 min Scan# 1015
Delta R.T. -0.04 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion: 77 Resp: 7872

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	96.0	11.3	16.9#



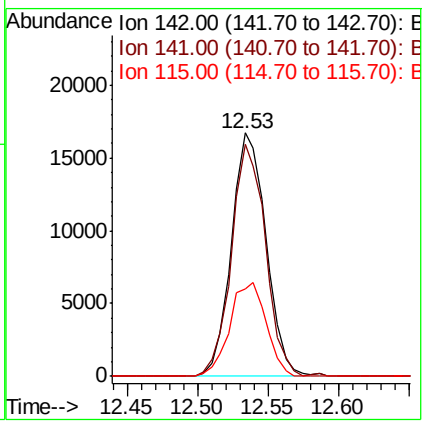


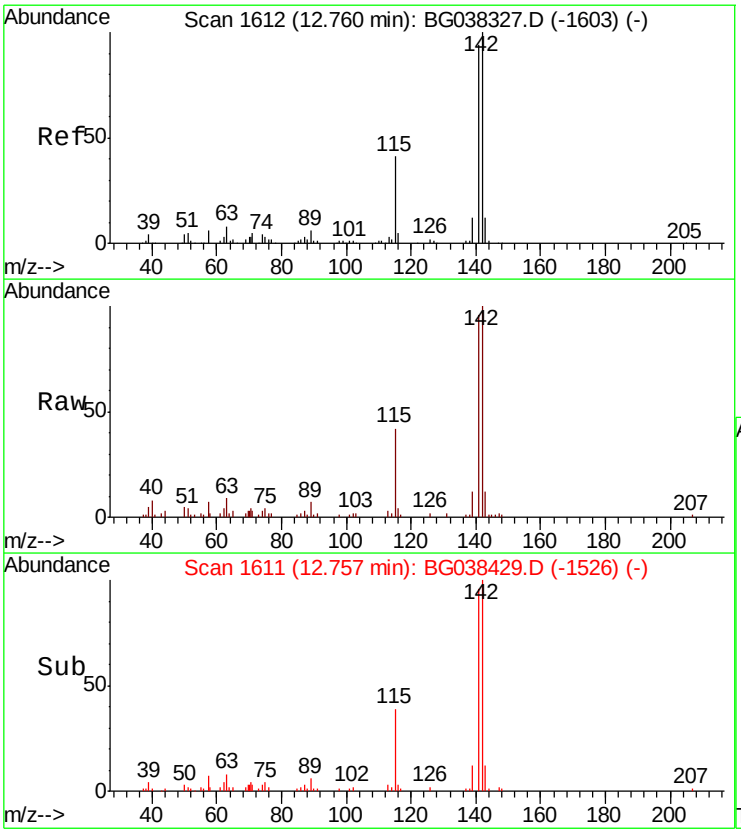
#37
2-Methylnaphthalene
Concen: 7.746 ng
RT: 12.53 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 28693

Ion	Ratio	Lower	Upper
142	100		
141	95.4	71.9	107.9
115	35.9	27.8	41.8

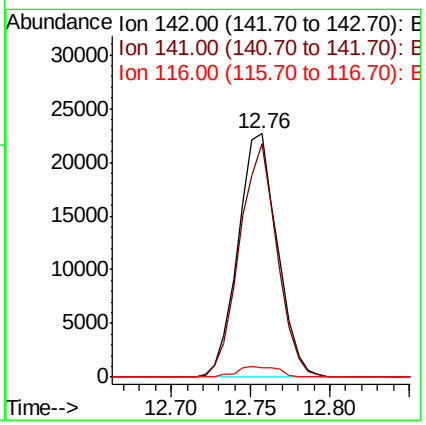


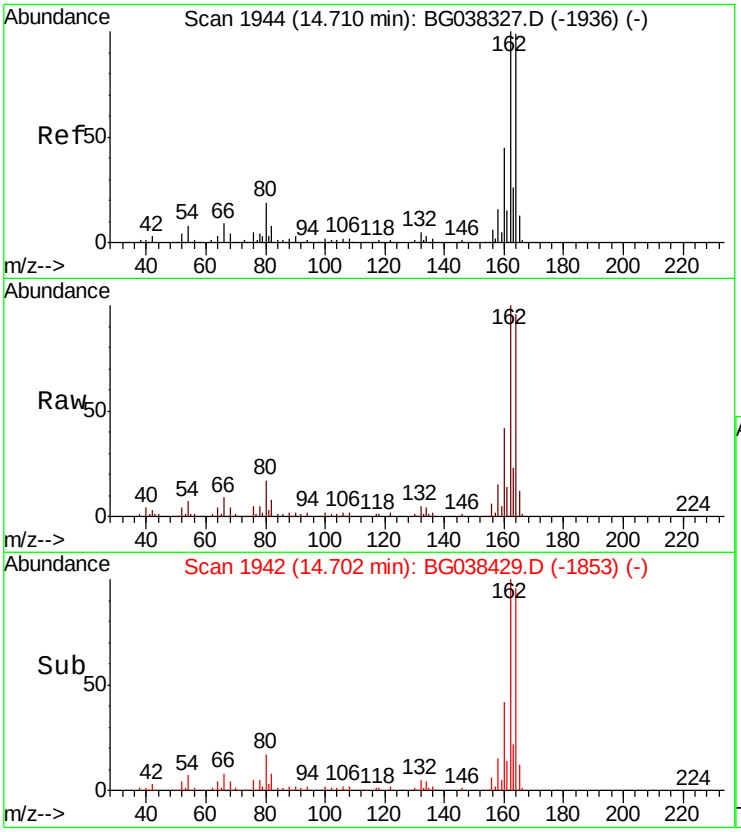


#38
1-Methylnaphthalene
Concen: 10.975 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:142 Resp: 38934

Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.2	112.8
116	4.0	3.3	4.9



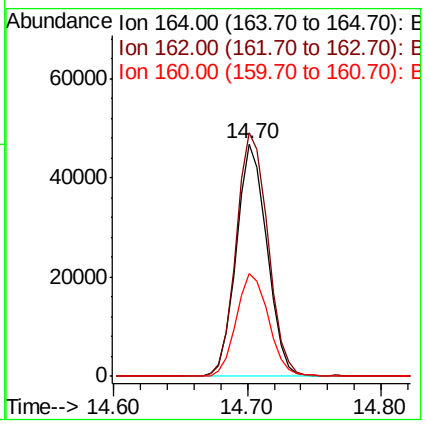


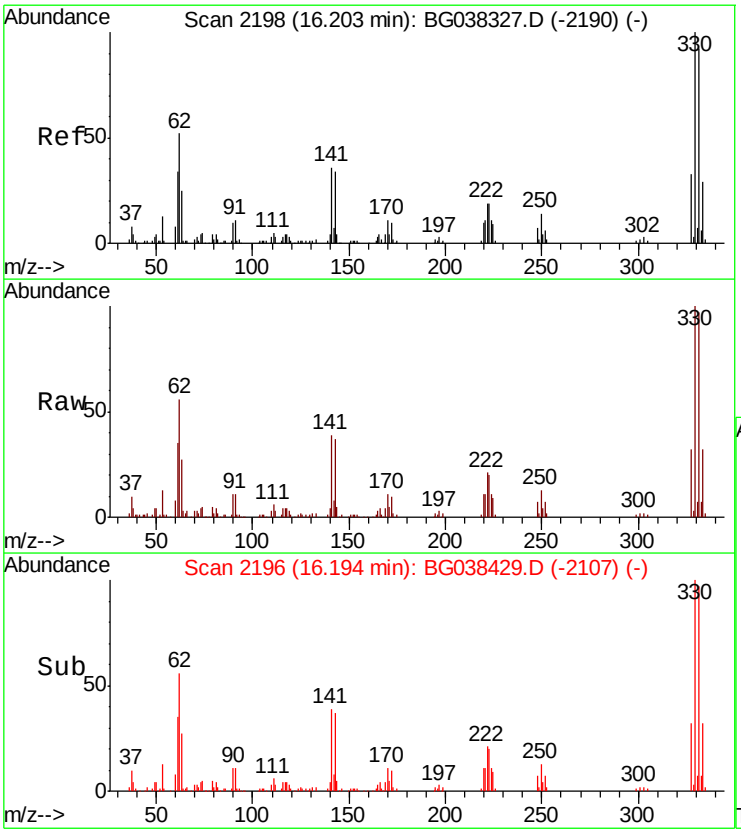
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 74270

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.3	121.9
160	44.1	36.3	54.5

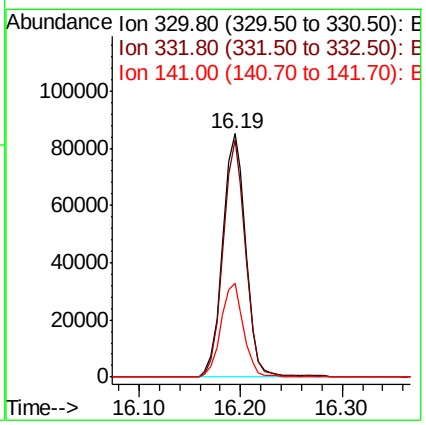


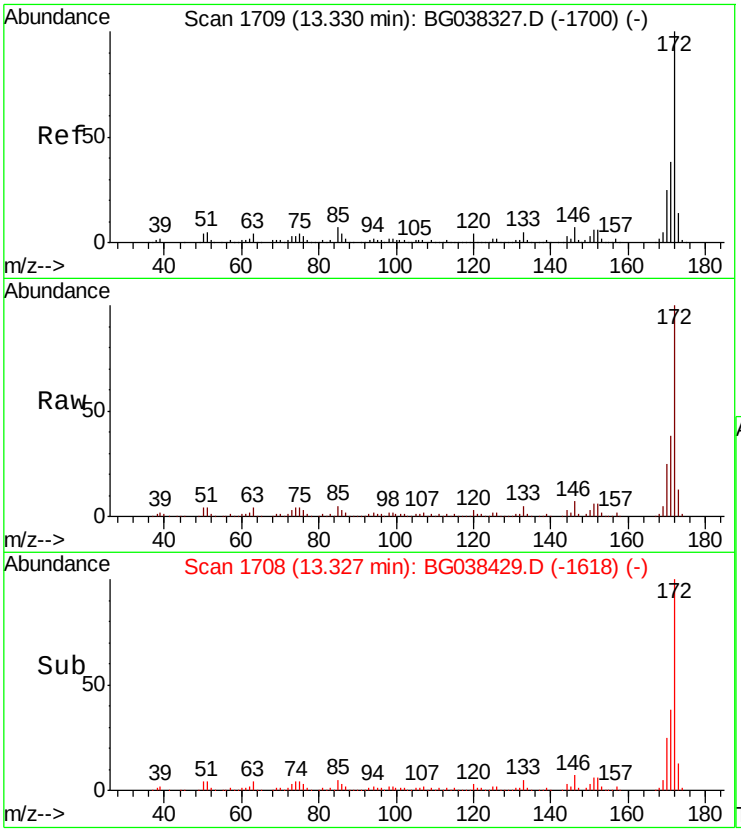


#42
2,4,6-Tribromophenol
Concen: 147.294 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:330 Resp: 134296

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	37.6	32.2	48.2



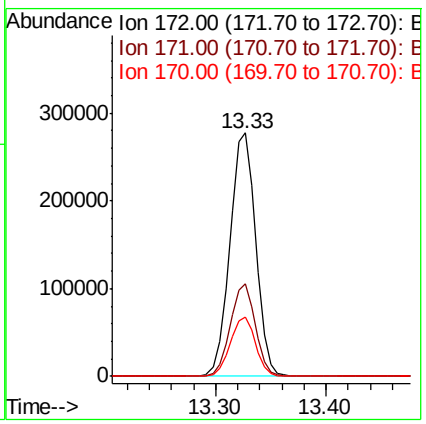


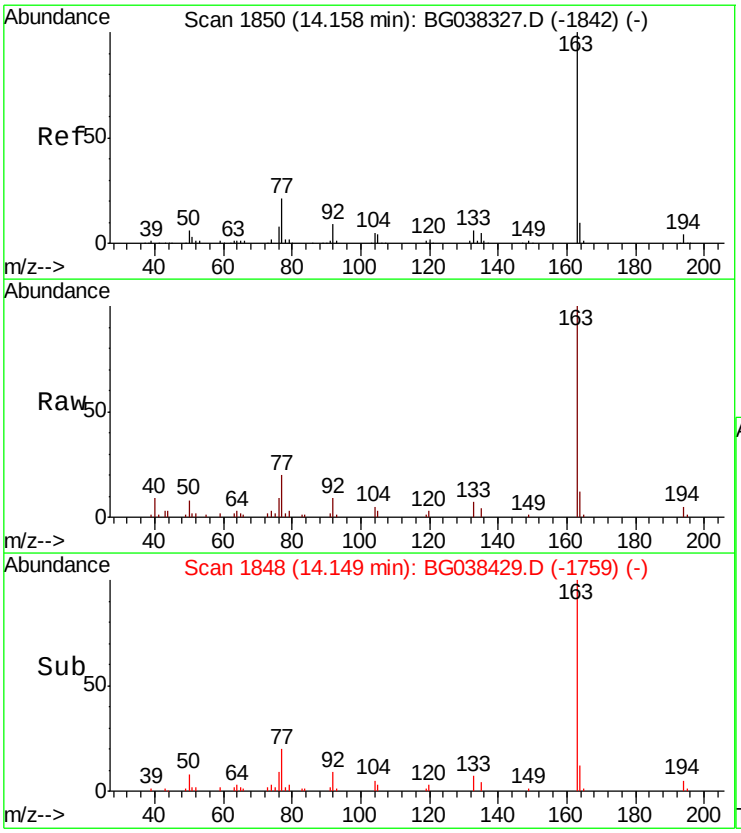
#45
2-Fluorobiphenyl
Concen: 87.634 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 456771

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.6	20.2	30.2

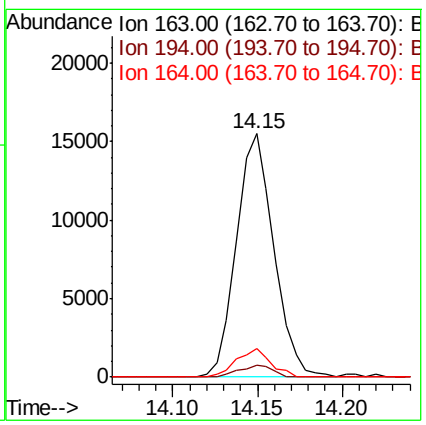


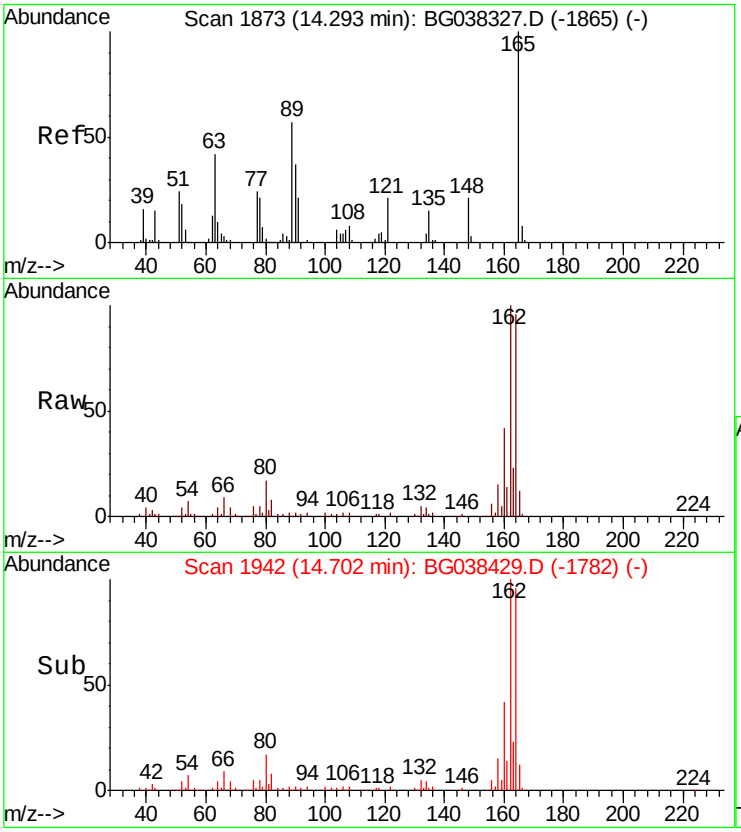


#50
Dimethylphthalate
Concen: 4.007 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:163 Resp: 23871

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.6	8.5	12.7



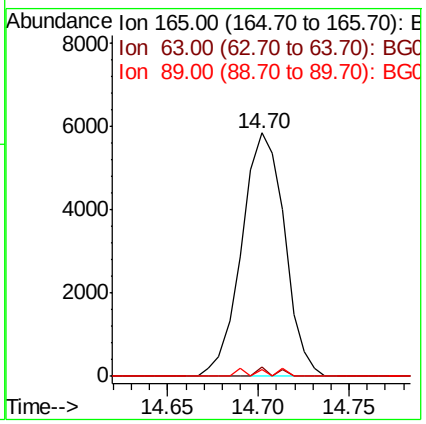


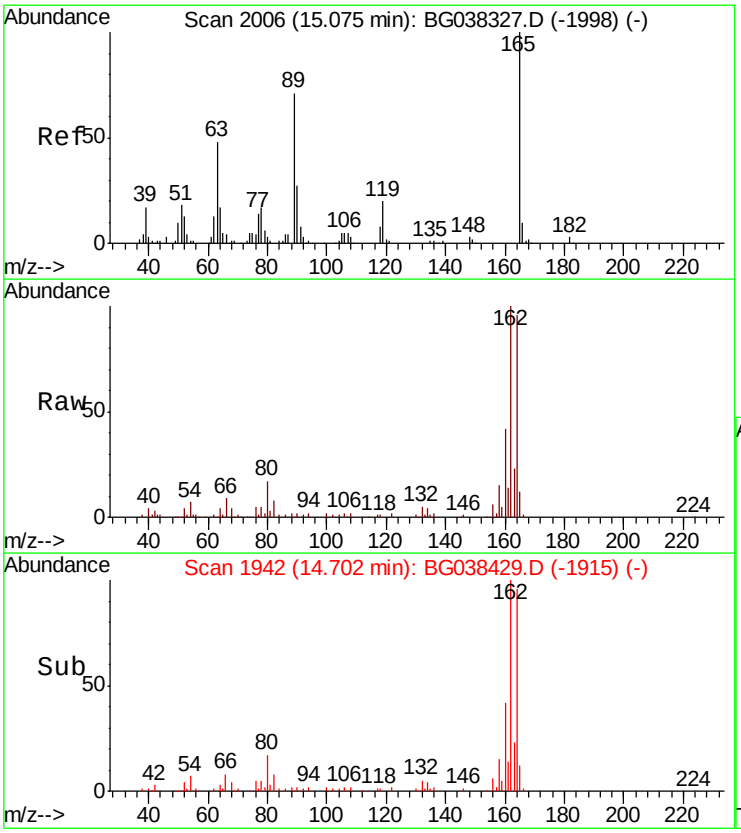
#51
2,6-Dinitrotoluene
Concen: 7.052 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.41 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 9596

Ion	Ratio	Lower	Upper
165	100		
63	3.6	43.4	65.2#
89	2.8	45.8	68.6#

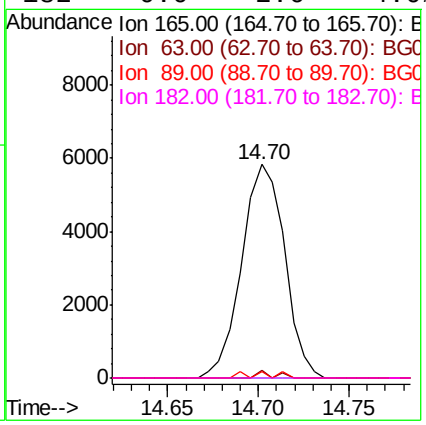


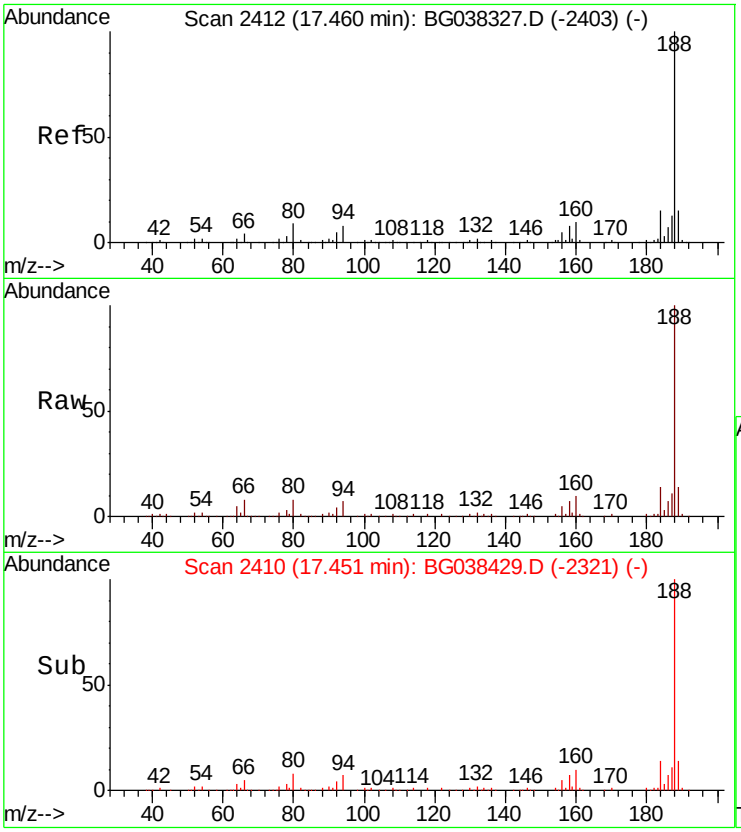


#57
2,4-Dinitrotoluene
Concen: 5.113 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:165 Resp: 9596

Ion	Ratio	Lower	Upper
165	100		
63	3.6	33.4	50.0#
89	2.8	57.2	85.8#
182	0.0	2.6	4.0#



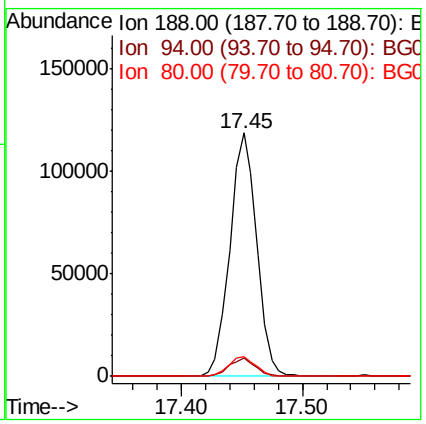


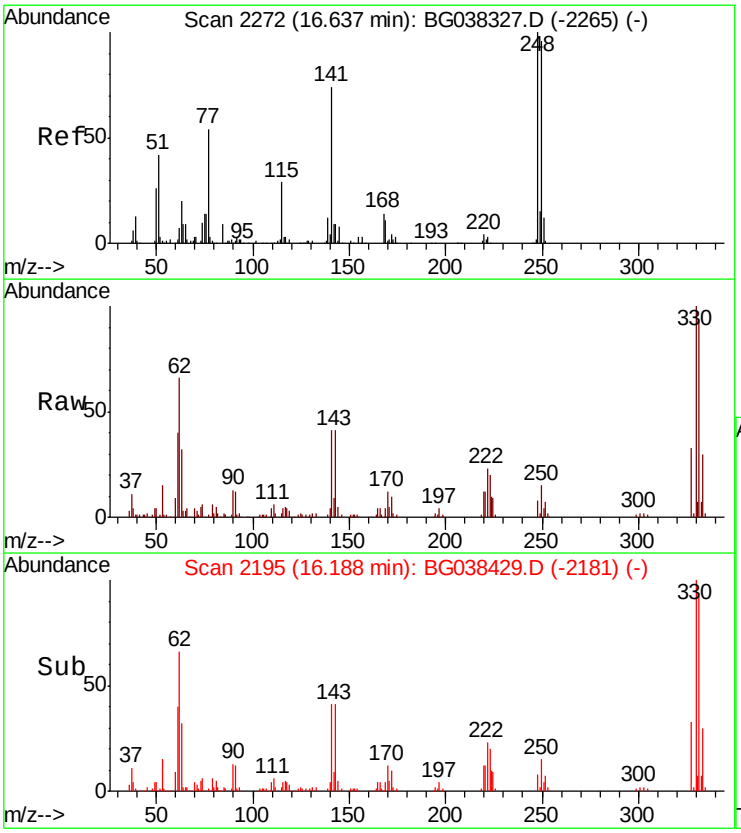
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 183034

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.2	7.7	11.5

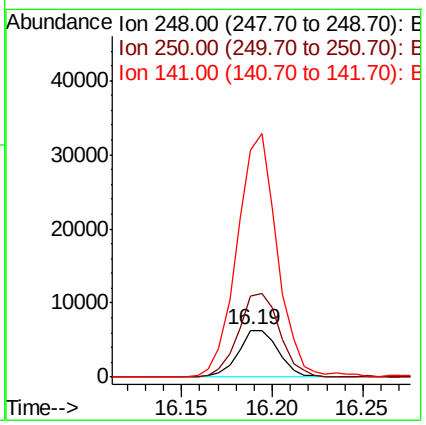


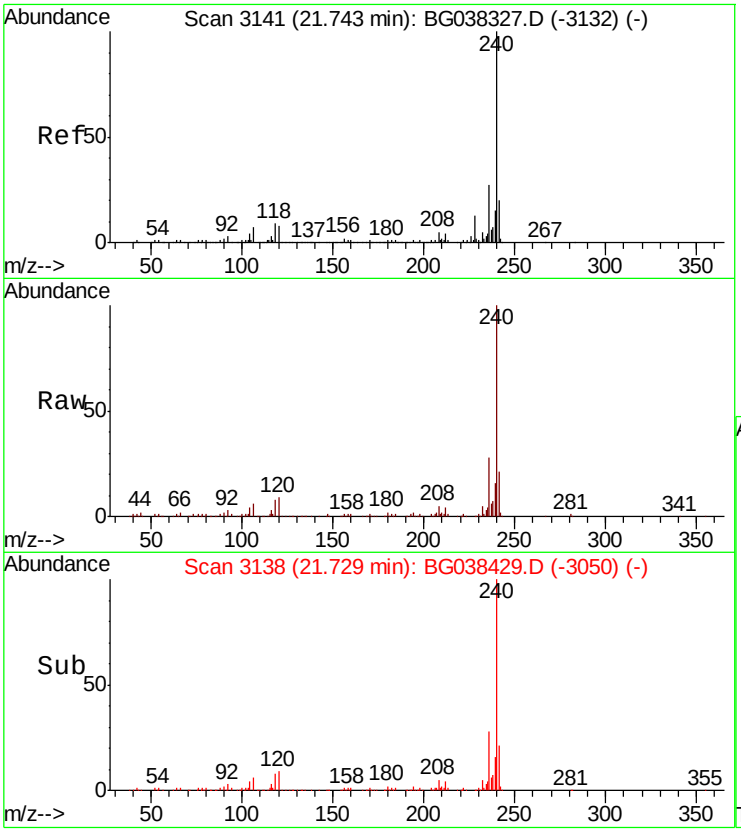


#67
4-Bromophenyl-phenylether
Concen: 4.880 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.45 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:248 Resp: 9646

Ion	Ratio	Lower	Upper
248	100		
250	179.0	77.0	115.6#
141	388.0	55.5	83.3#



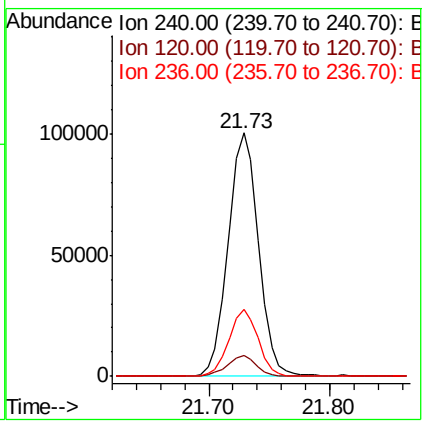


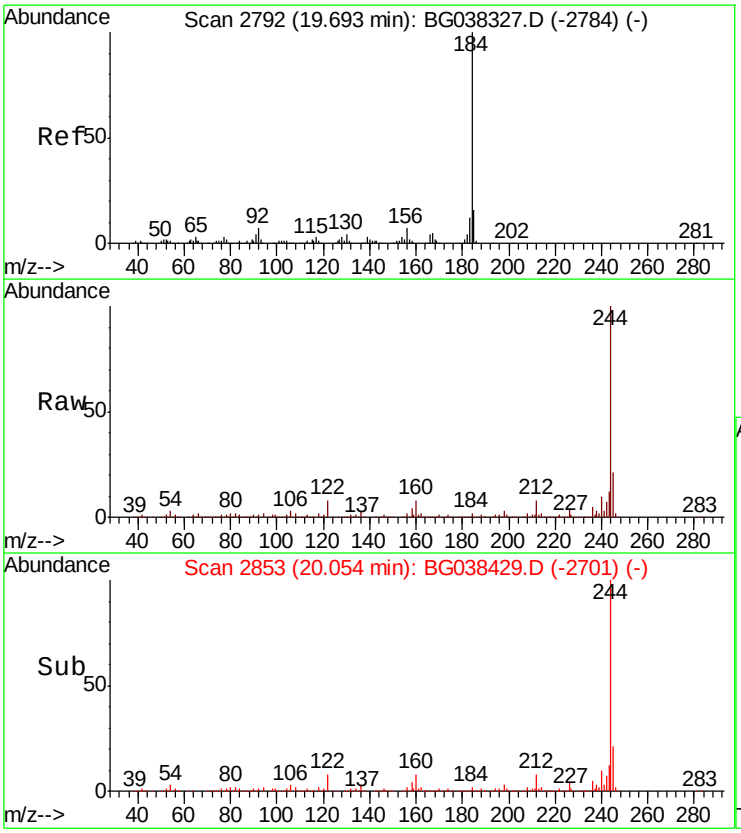
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 176131

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	27.7	21.4	32.0

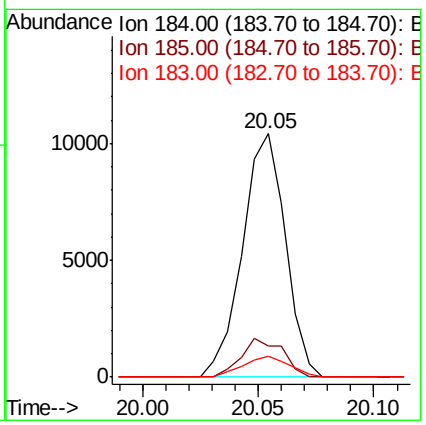


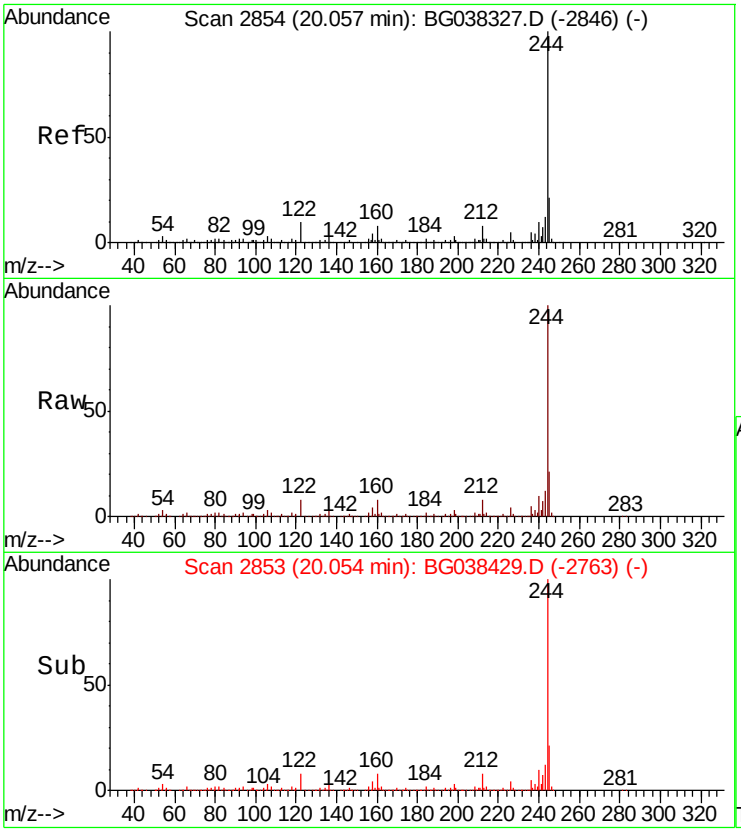


#77
Benzidine
Concen: 2.272 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:184 Resp: 13502

Ion	Ratio	Lower	Upper
184	100		
185	12.9	12.6	18.8
183	8.4	10.2	15.2#



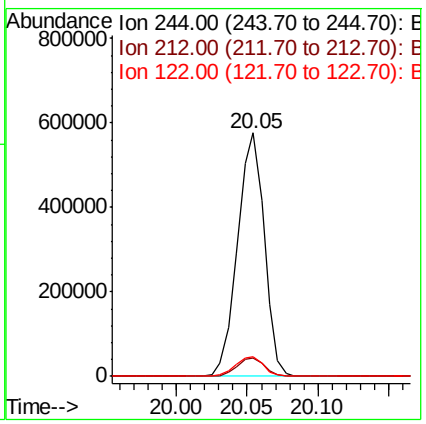


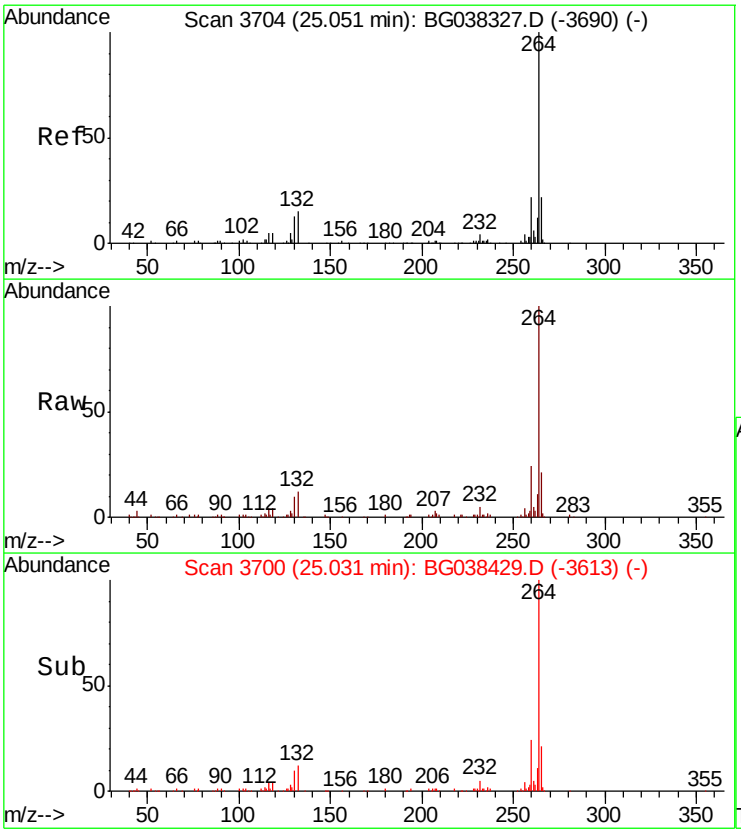
#79
Terphenyl-d14
Concen: 92.800 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 762981

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	8.0	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG038429.D
Acq: 8 Dec 2018 9:16

Tgt Ion:264 Resp: 180802

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.8	17.9	26.9