Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

Quant Time: Jul 18 07:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105206	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	420123	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	253992	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	661465	20.00	ng	0.00
76) Chrysene-d12	21.65	240	699414	20.00	ng	-0.01
87) Perylene-d12	24.84	264	806101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	782444	121.58	ng	0.00
7) Phenol-d6	7.20	99	1084854	125.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	654670	94.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	459813	160.64	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1437750	87.65	ng	0.00
79) Terphenyl-d14	20.00	244	2299246	76.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1881	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	89845	14.201	ng	# 71
26) 2-Nitrophenol	9.62	139	61	4.669	ng	# 34
50) Dimethylphthalate	14.11	163	294705	14.773	ng	98
57) 2,4-Dinitrotoluene	14.66	165	32870	5.877	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.14	198	1397	7.057	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	35789	4.547	ng	# 1
77) Benzidine	20.00	184	42114	Below Cal	#	92

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

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SB-5(0-2)

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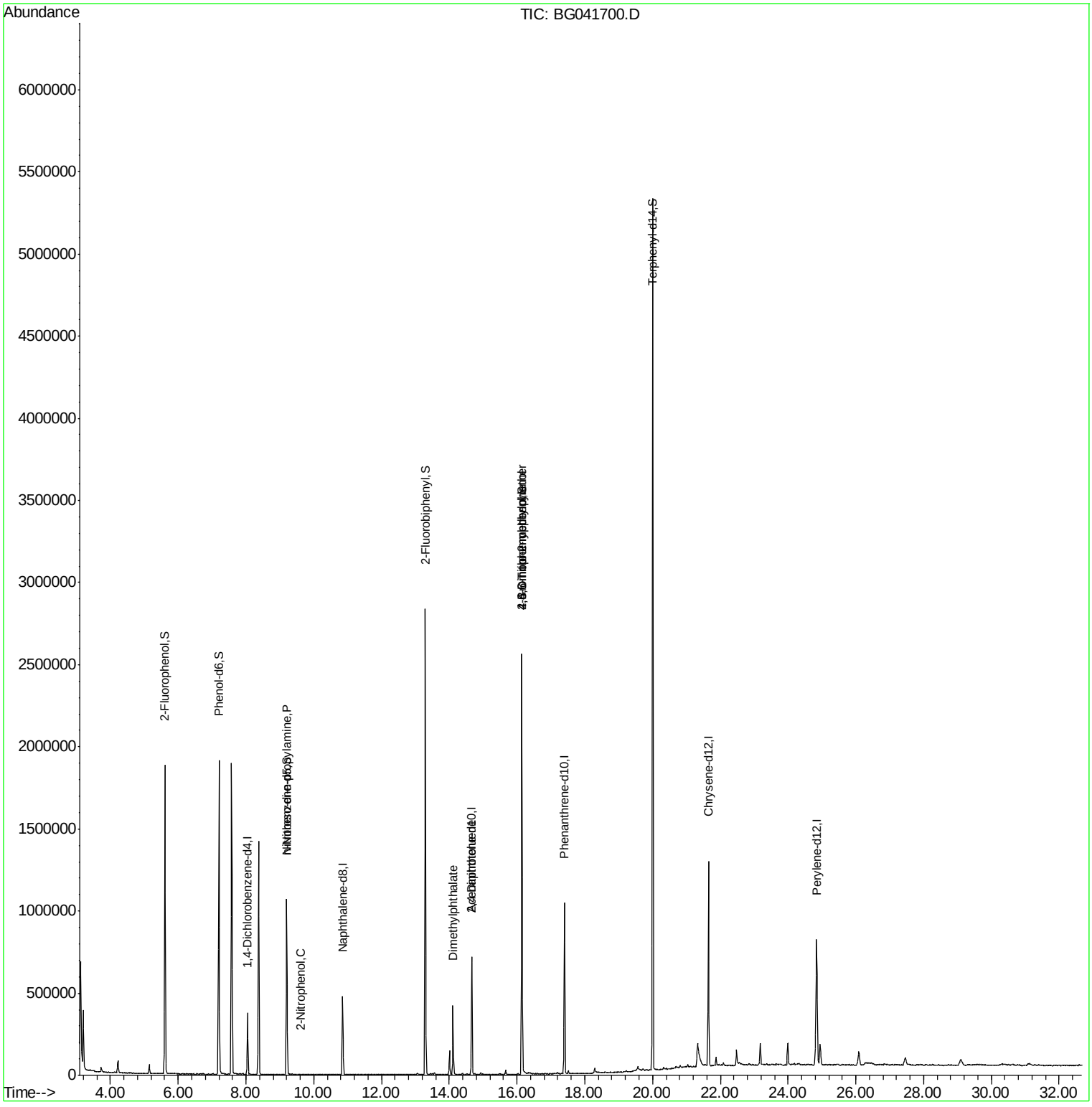
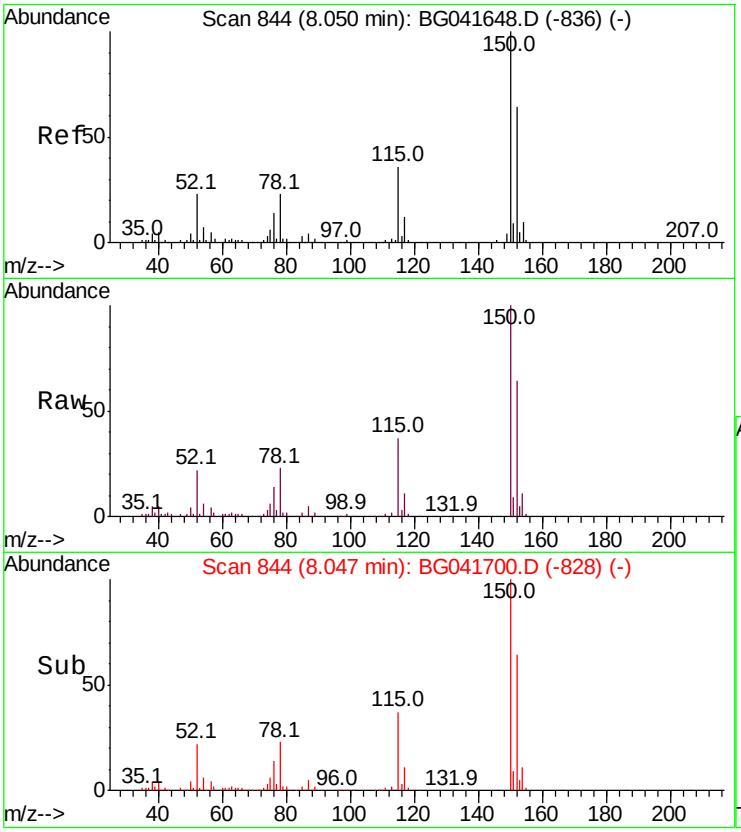


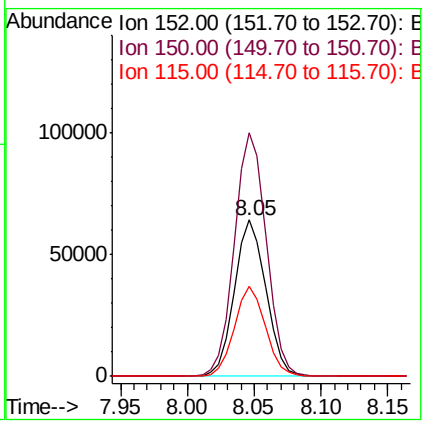


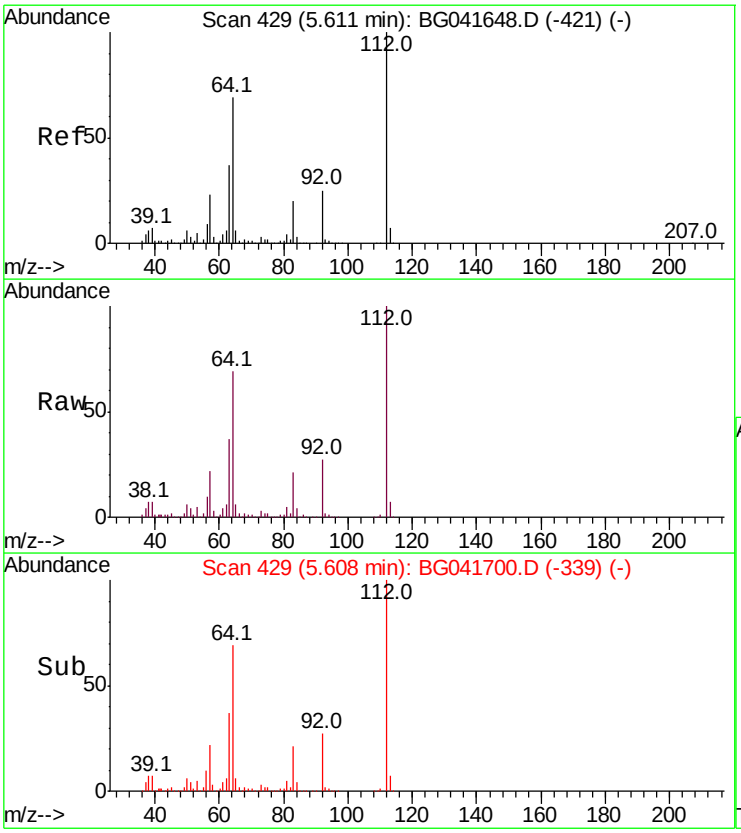
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:152 Resp: 105206

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.9	190.3
115	57.4	45.0	67.6

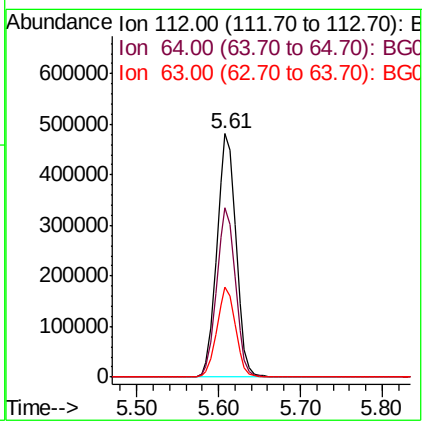


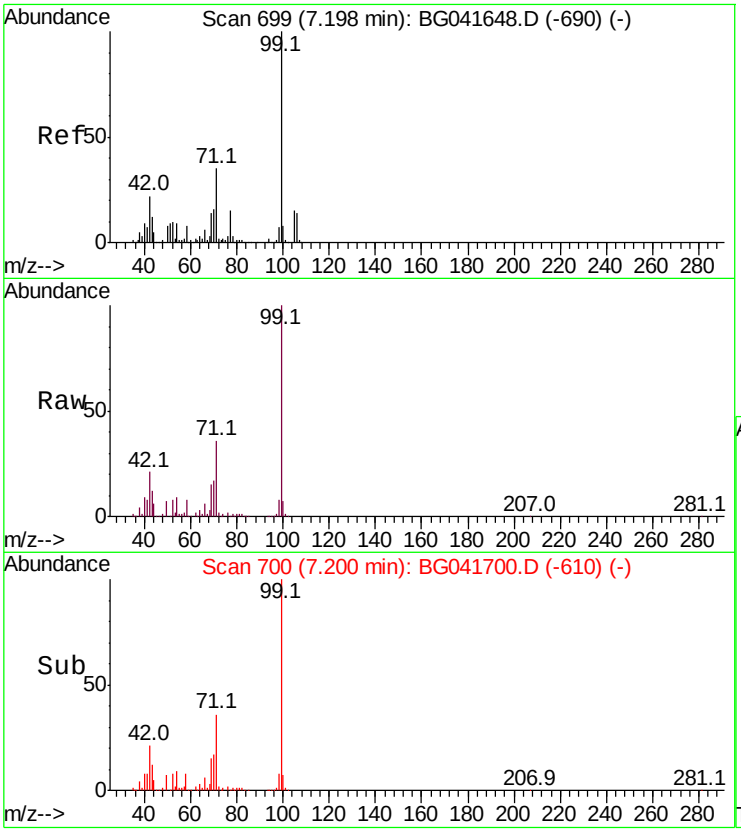


#5
2-Fluorophenol
Concen: 121.580 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:112 Resp: 782444

Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.4	83.2
63	36.9	29.1	43.7



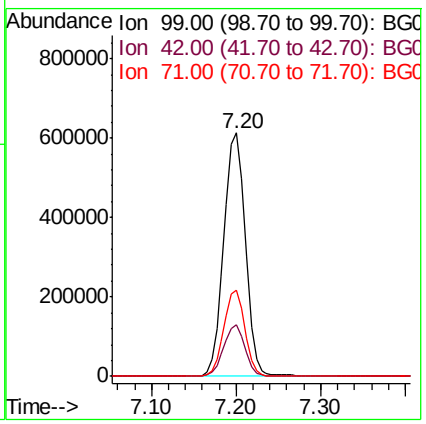


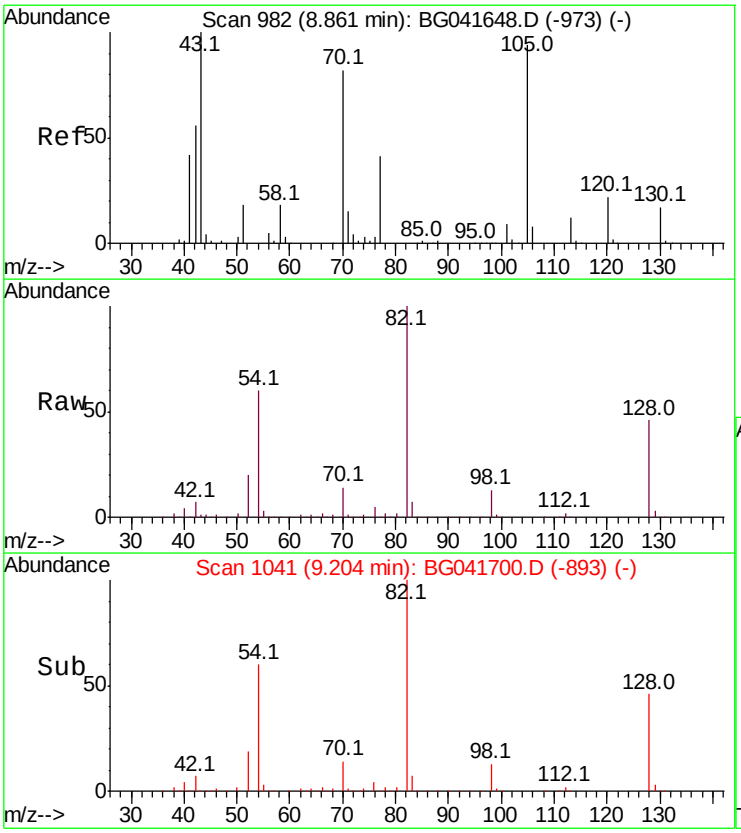
#7
Phenol-d6
Concen: 125.327 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion: 99 Resp: 1084854

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.6	26.4
71	35.6	27.8	41.6

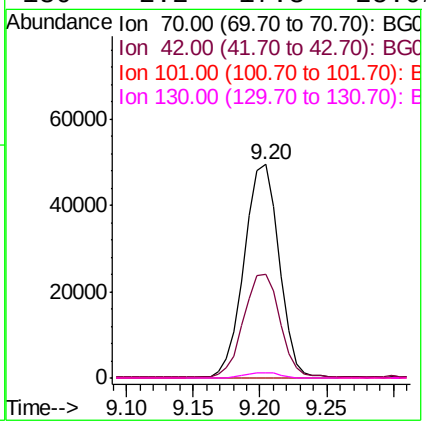


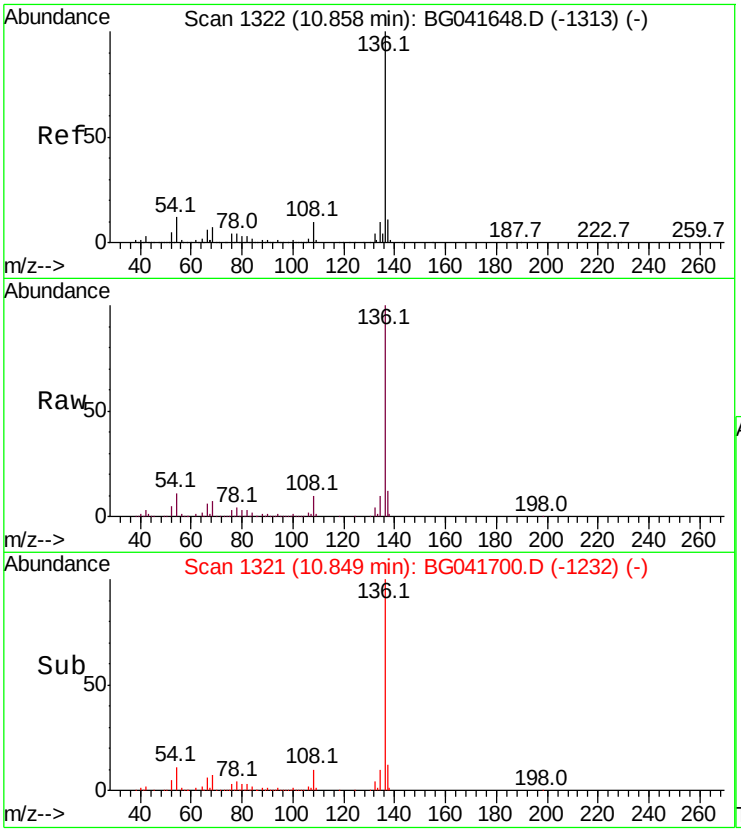


#19
n-Nitroso-di-n-propylamine
Concen: 14.201 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion: 70 Resp: 89845

Ion	Ratio	Lower	Upper
70	100		
42	48.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.2	17.3	25.9#



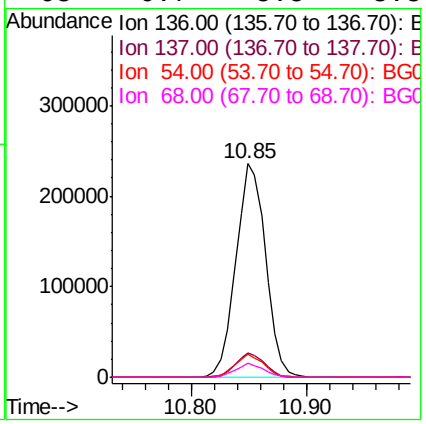


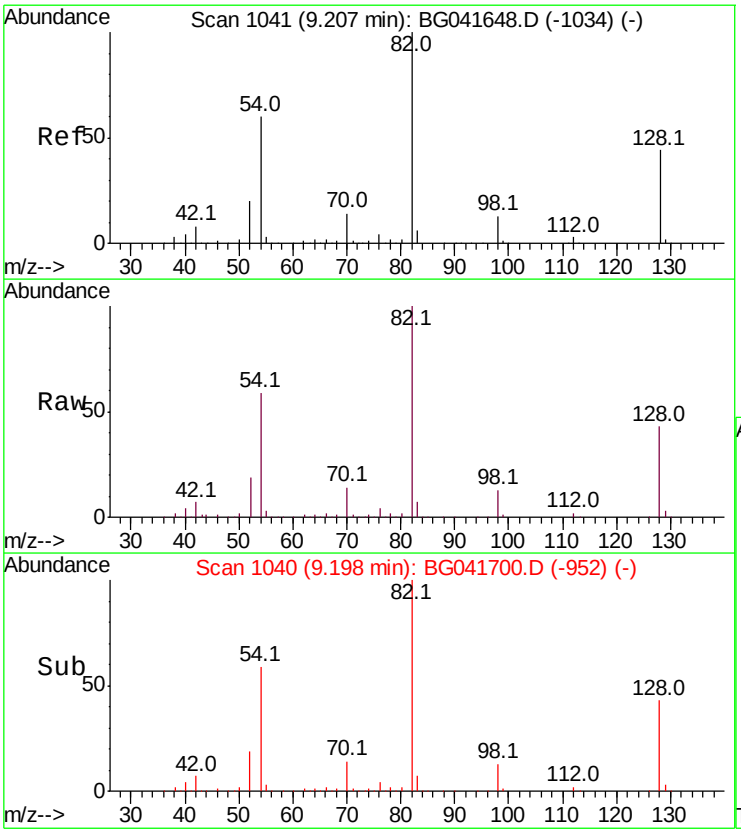
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:136 Resp: 420123

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	10.8	8.7	13.1
68	6.7	5.5	8.3

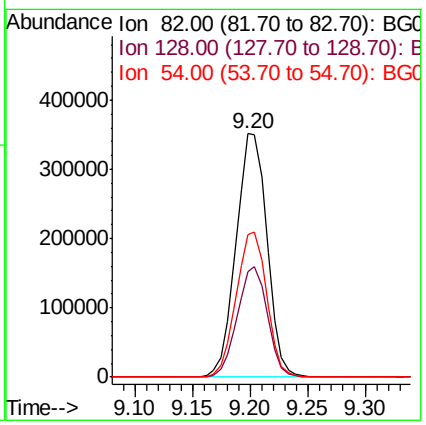


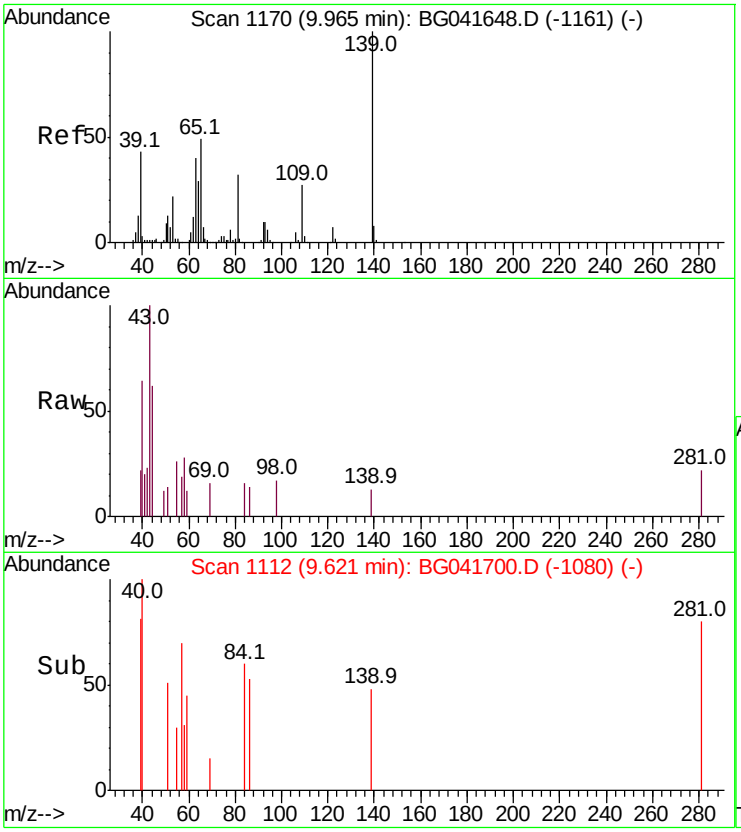


#23
Nitrobenzene-d5
Concen: 94.767 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion: 82 Resp: 654670

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.1	52.7
54	58.6	48.7	73.1



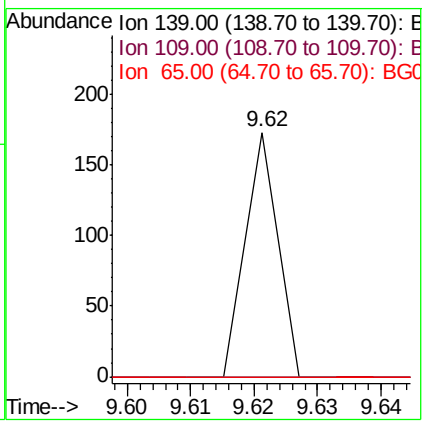


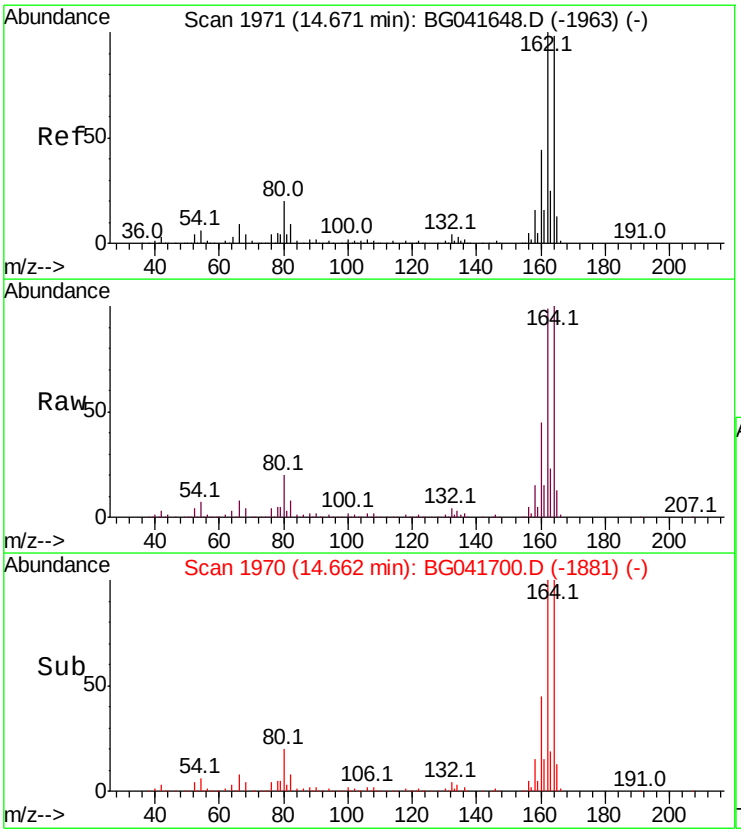
#26
2-Nitrophenol
Concen: 4.669 ng
RT: 9.62 min Scan# 1112
Delta R.T. -0.34 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	41.1	61.7#

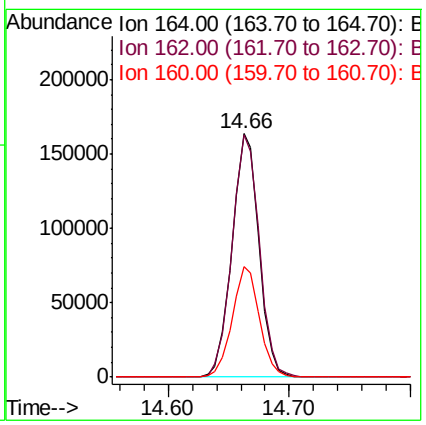


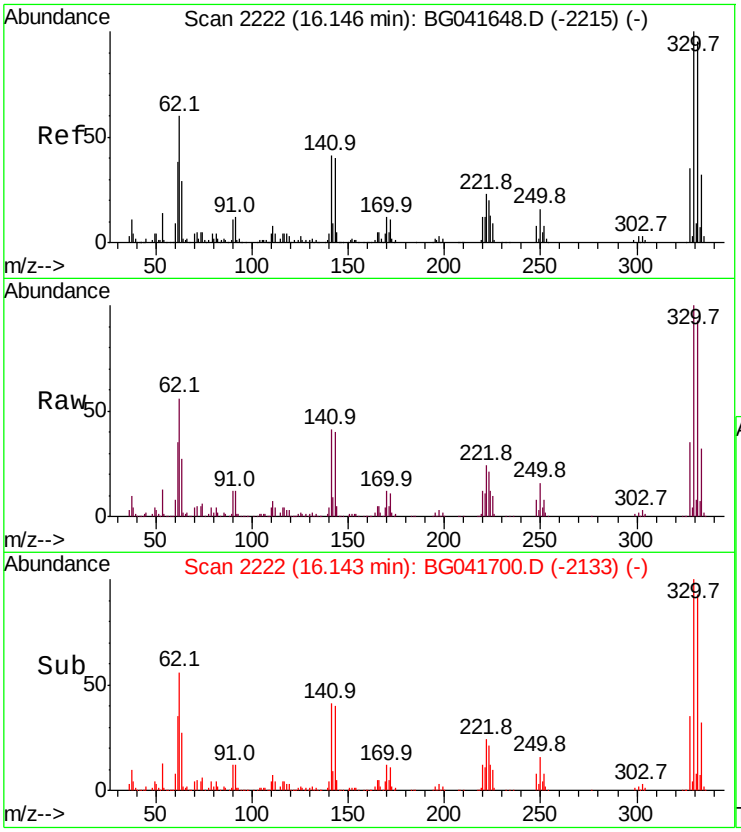


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:164 Resp: 253992

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	45.3	35.4	53.0



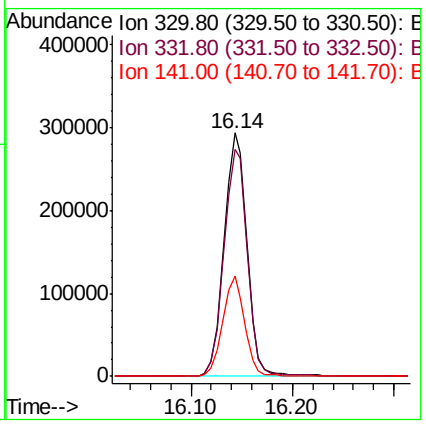


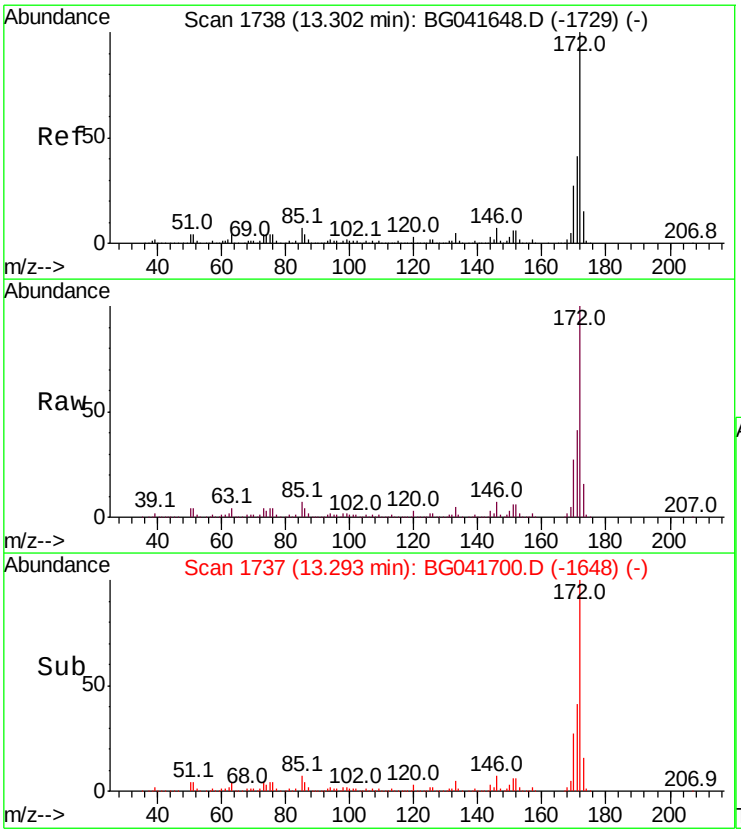
#42
2,4,6-Tribromophenol
Concen: 160.636 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:330 Resp: 459813

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	39.3	31.9	47.9

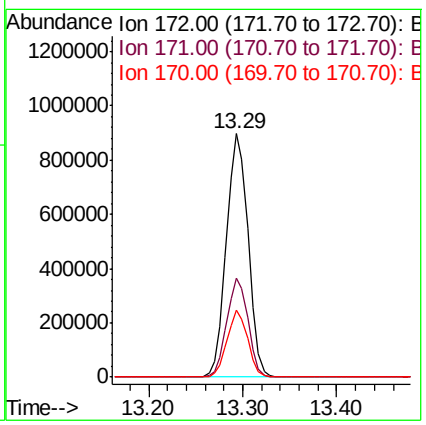


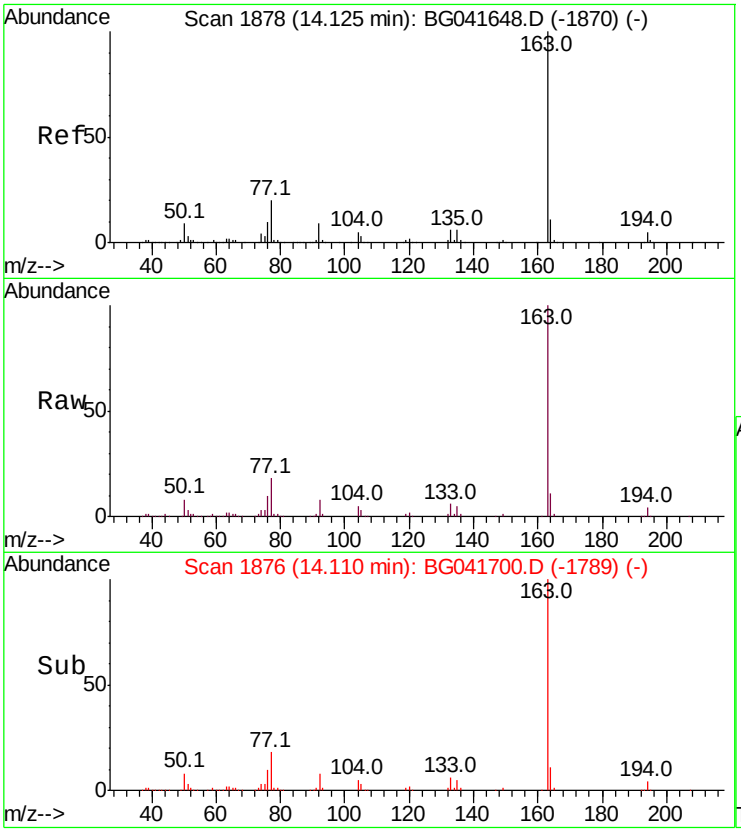


#45
2-Fluorobiphenyl
Concen: 87.654 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:172 Resp: 1437750

Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	27.3	23.5	35.3



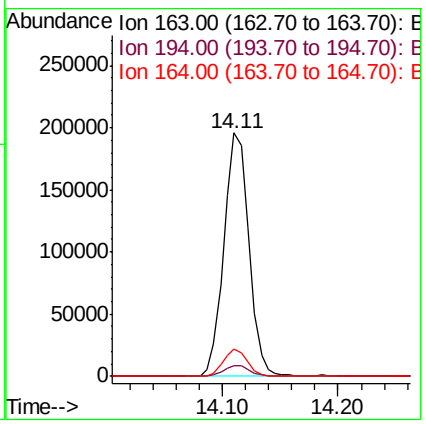


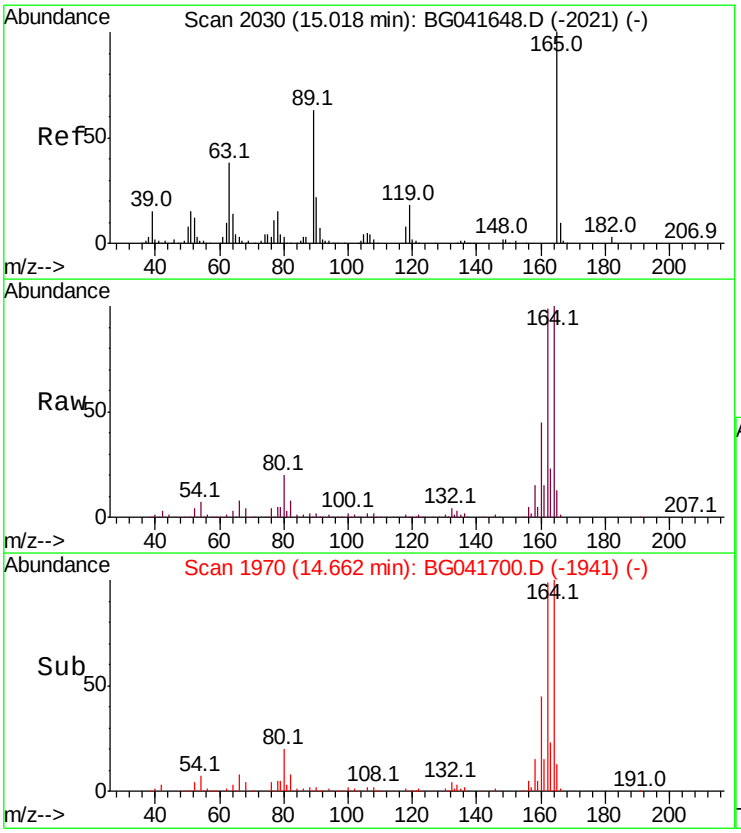
#50
Dimethylphthalate
Concen: 14.773 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:163 Resp: 294705

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.2
164	11.2	9.4	14.2

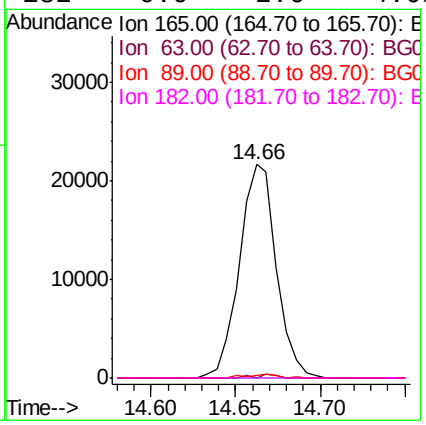


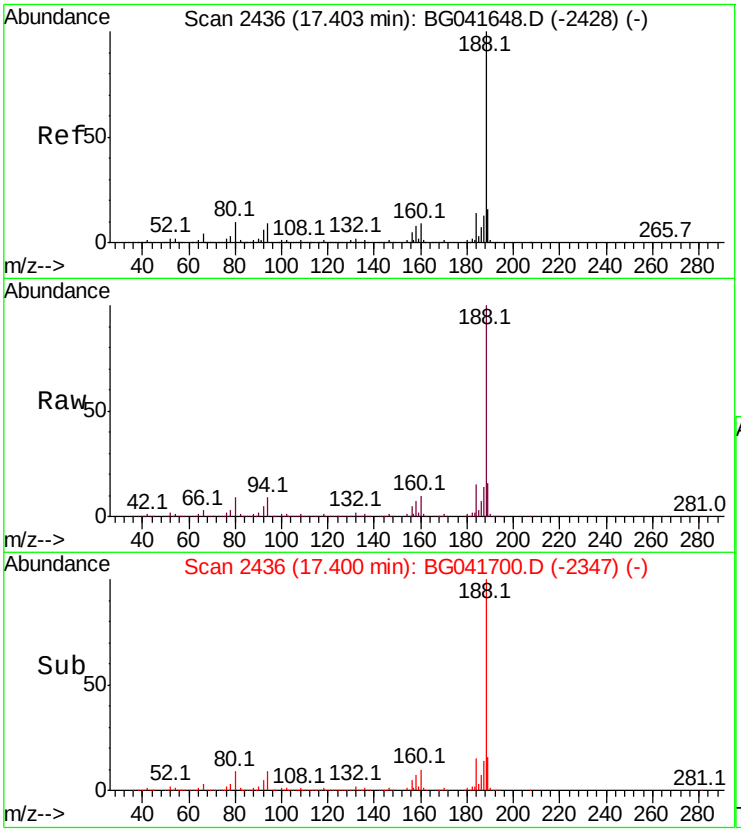


#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:165 Resp: 32870

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.4	50.2	75.4#
182	0.0	2.6	4.0#



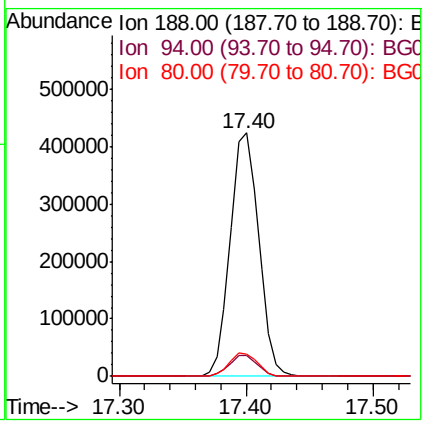


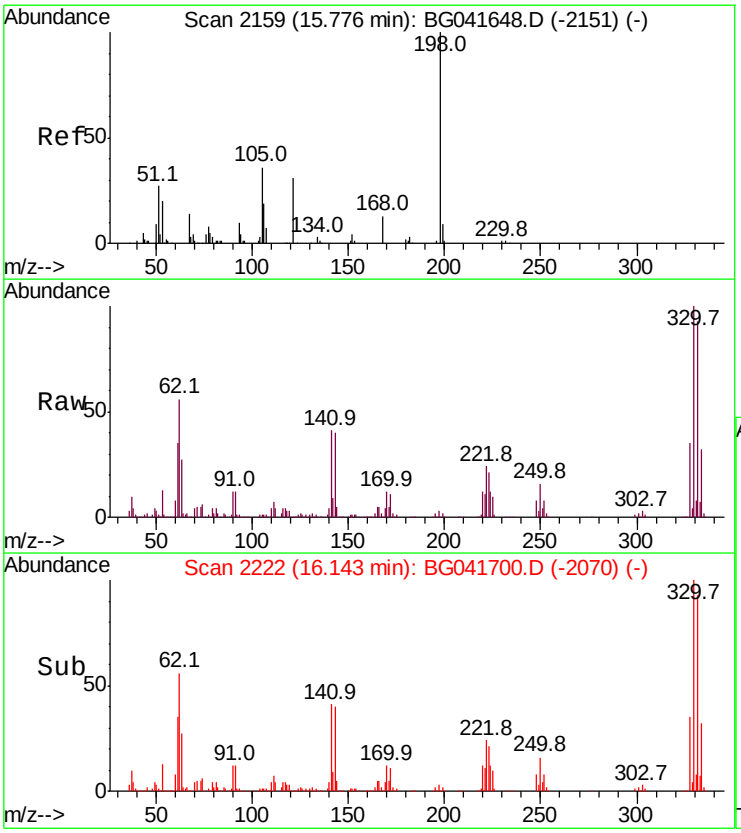
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:188 Resp: 661465

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	8.9	8.0	12.0

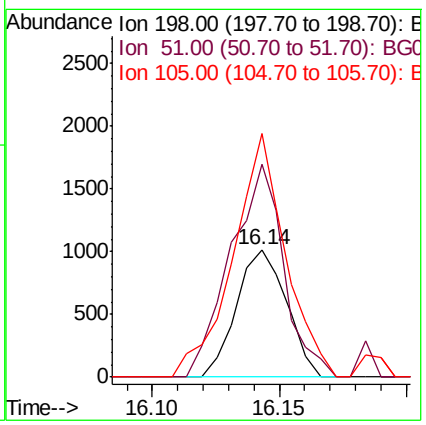


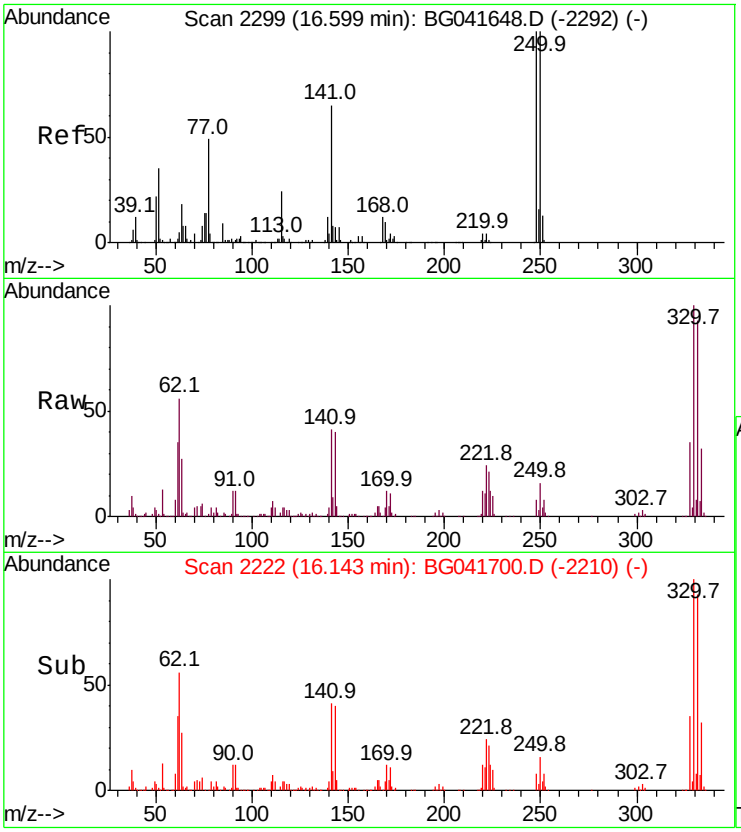


#65
4,6-Dinitro-2-methylphenol
Concen: 7.057 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.36 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:198 Resp: 1397

Ion	Ratio	Lower	Upper
198	100		
51	166.3	22.3	62.3#
105	190.6	18.0	58.0#



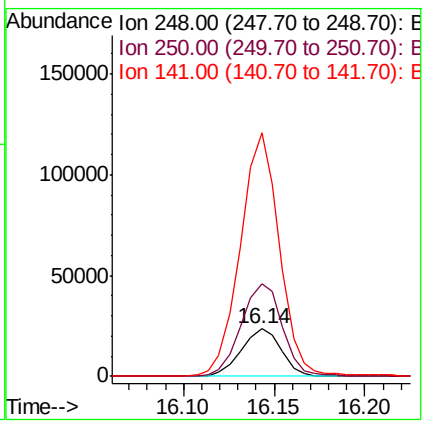


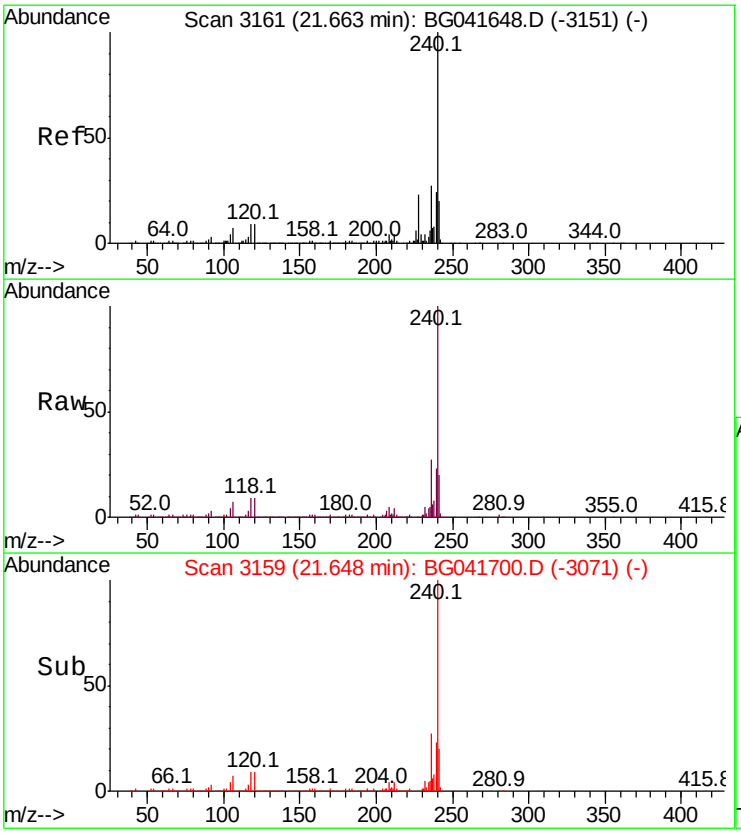
#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:248 Resp: 35789

Ion	Ratio	Lower	Upper
248	100		
250	196.4	78.1	117.1#
141	515.0	49.6	74.4#

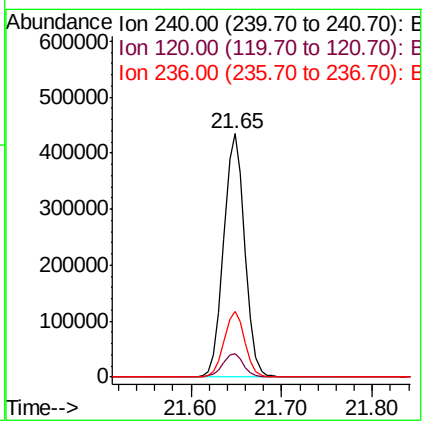


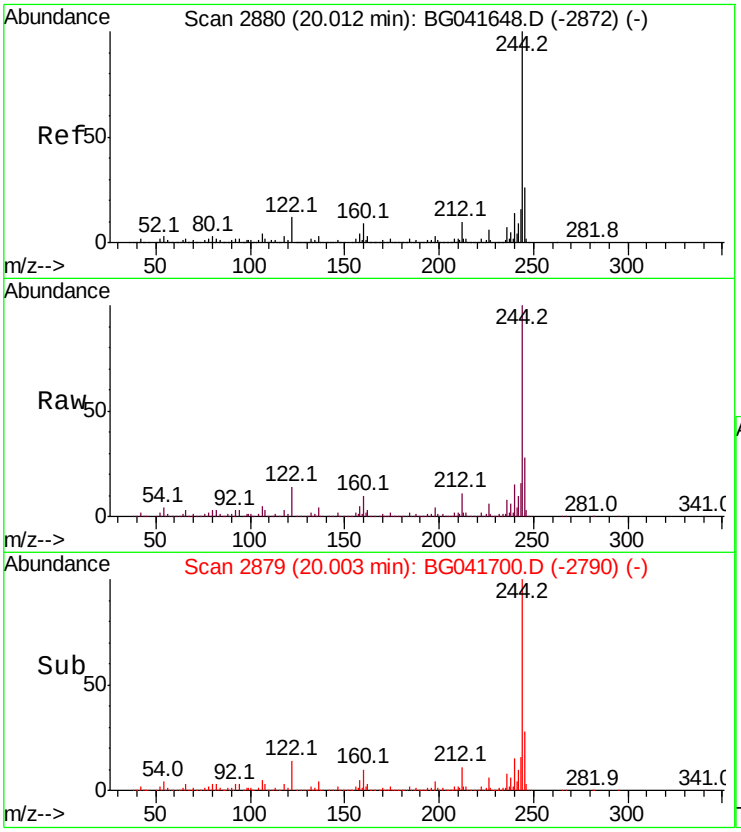


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:240 Resp: 699414

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.0	12.0
236	27.1	22.6	33.8



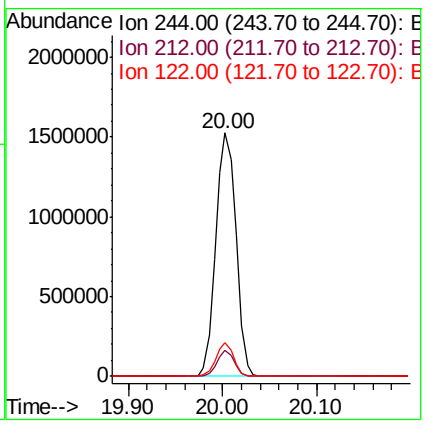


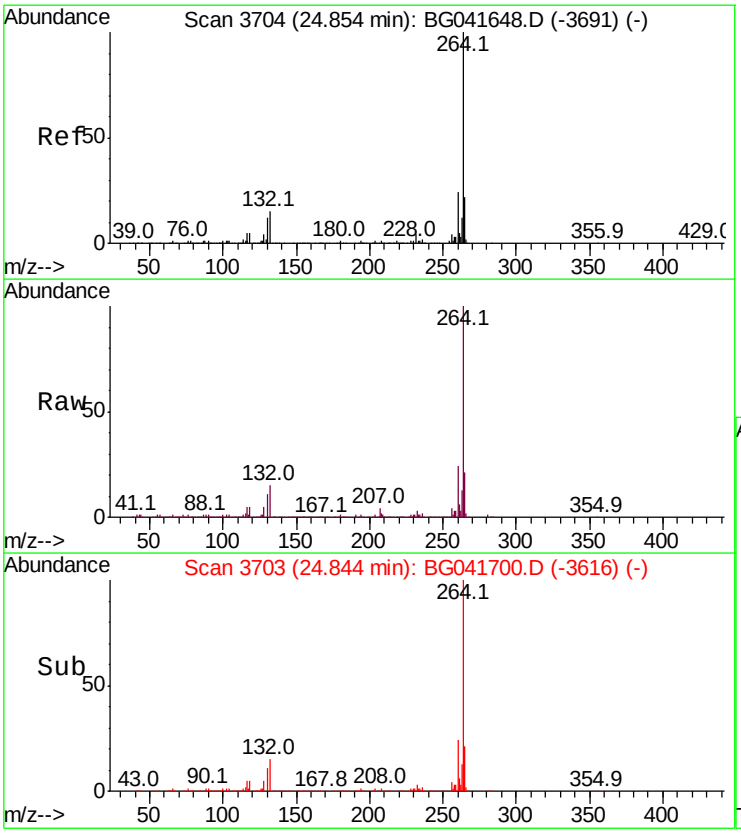
#79
Terphenyl-d14
Concen: 76.822 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

Tgt Ion:244 Resp: 2299246

Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.7	14.5
122	13.6	12.5	18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041700.D
Acq: 17 Jul 2019 22:55

Tgt Ion:264 Resp: 806101

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	18.0	27.0