Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041096.D
Acq On : 7 Jun 2019 11:36
Operator : HP/JU
Sample : PB120399BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120399BL

Quant Time: Jun 08 06:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32419	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	128942	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	107951	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	314513	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	313048	20.00	ng	-0.03
87) Perylene-d12	25.08	264	329097	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	260073	144.66	ng	-0.02
7) Phenol-d6	7.25	99	378941	136.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	251922	86.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	234395	146.26	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	638271	85.15	ng	-0.02
79) Terphenyl-d14	20.08	244	1347656	91.37	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	35389	16.562	ng	# 77
32) Benzoic acid	10.22	122	62	8.163	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	13674	6.940	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	13674	4.913	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.10	198	54	8.616	ng	# 36
67) 4-Bromophenyl-phenylether	16.22	248	16895	3.980	ng	# 1
77) Benzidine	20.08	184	22660	3.034	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
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Acq On : 7 Jun 2019 11:36
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Misc :
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Quant Time: Jun 08 06:56:19 2019
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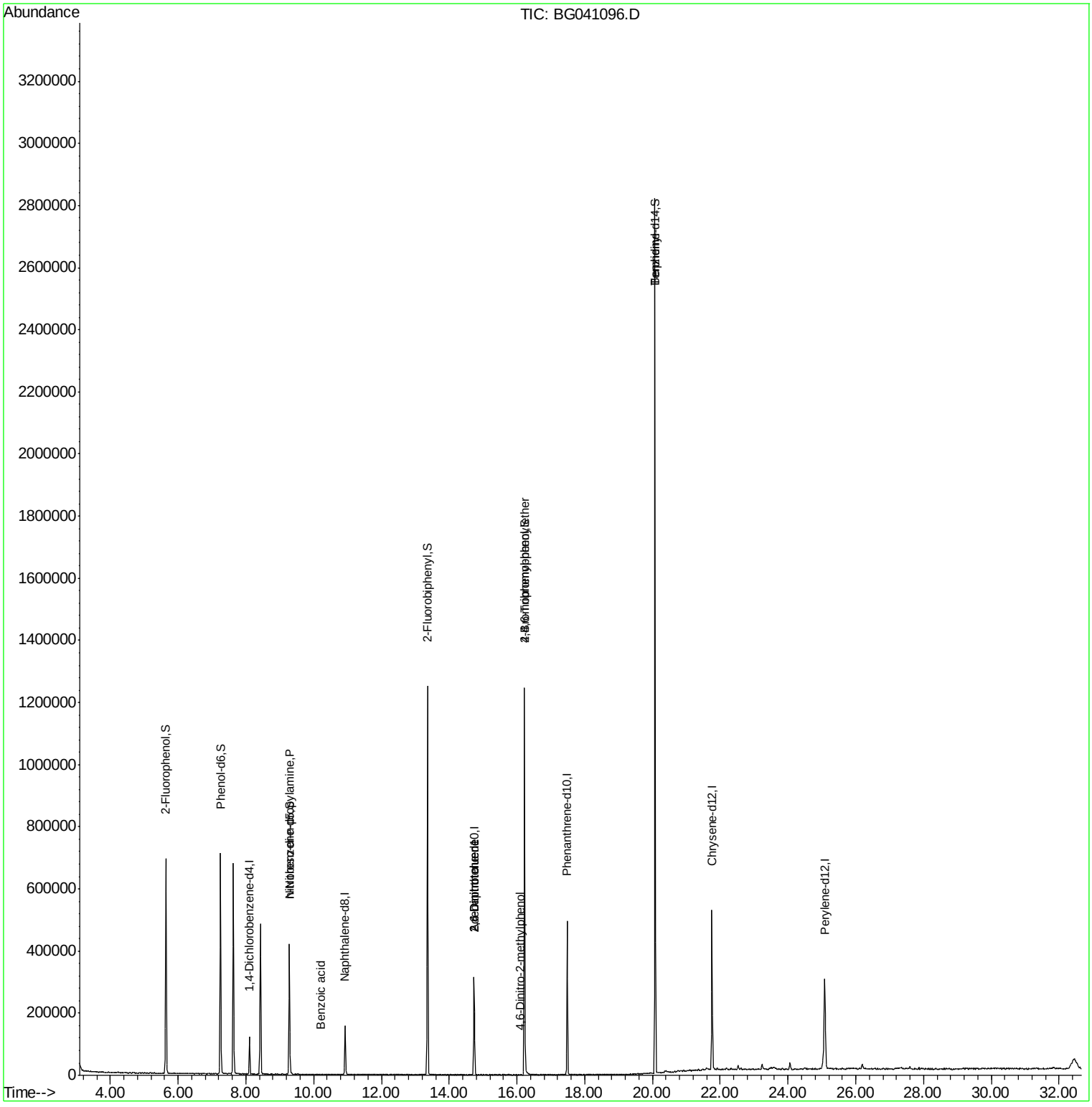
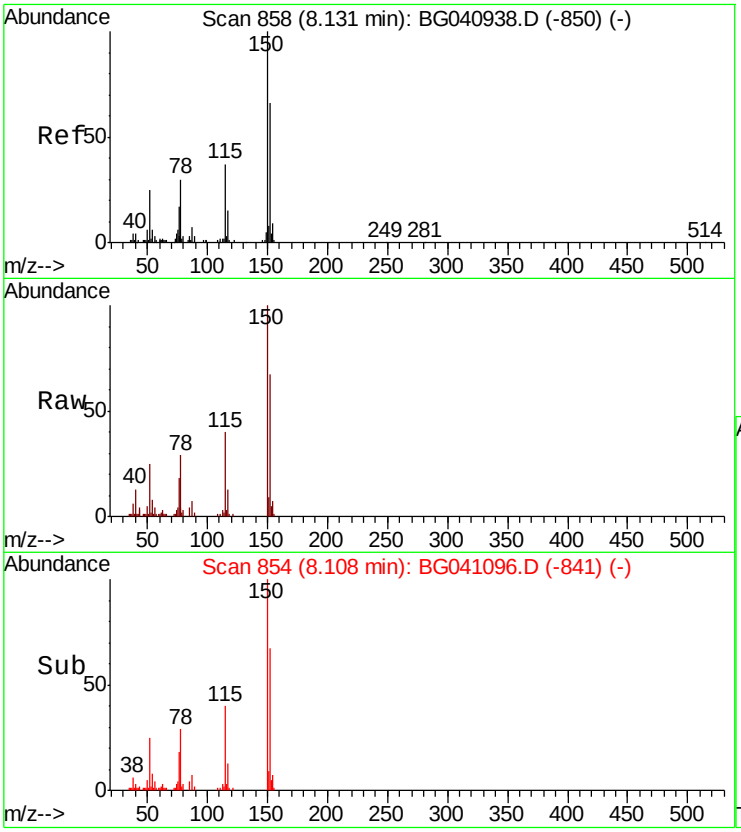
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



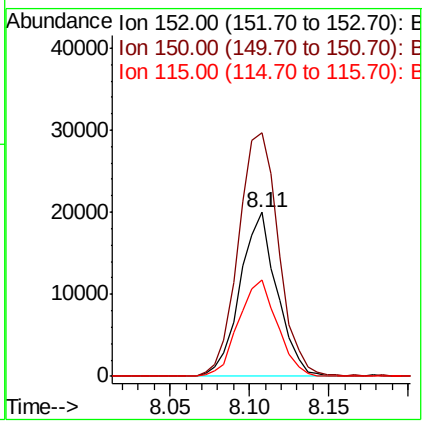


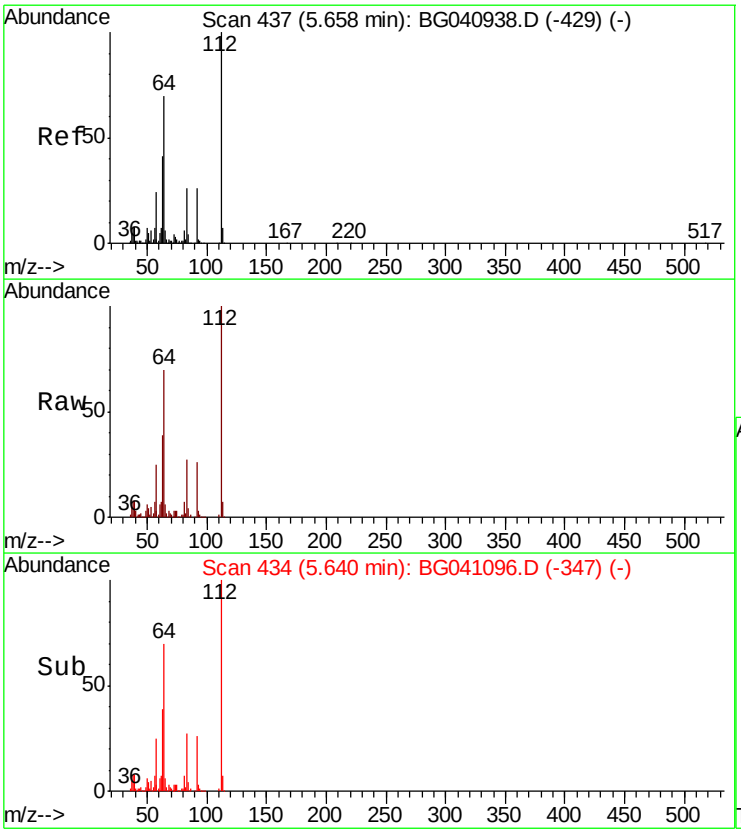
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:152 Resp: 32419

Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.6	180.8
115	59.0	45.1	67.7

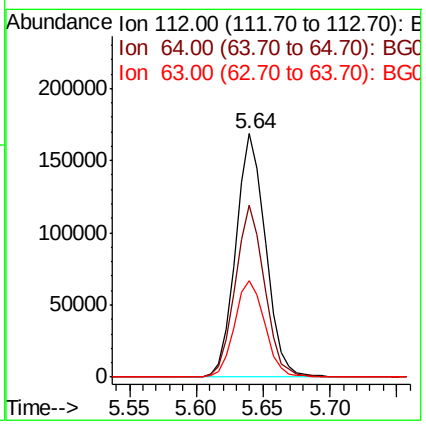


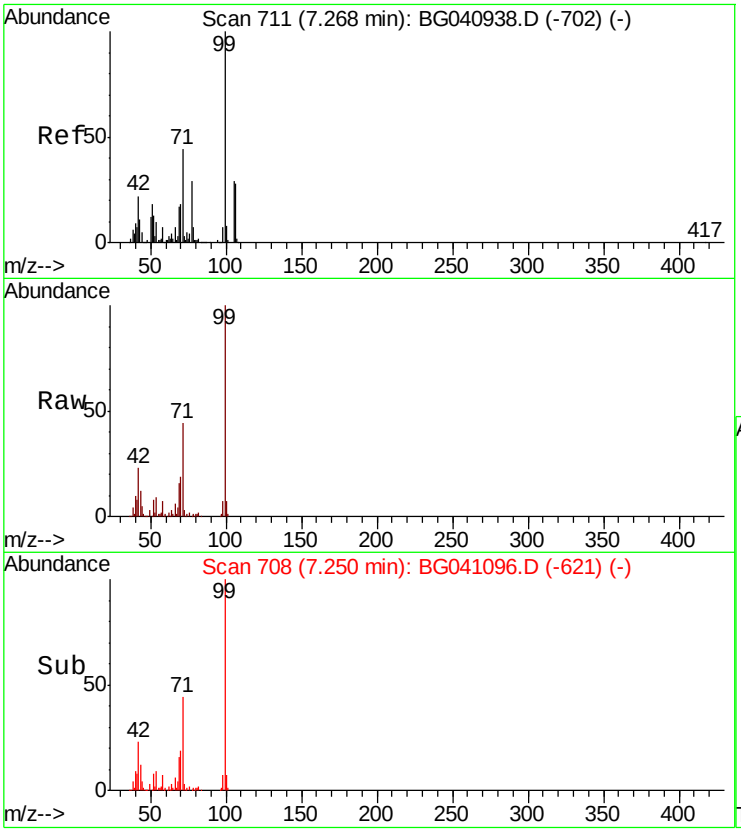


#5
2-Fluorophenol
Concen: 144.658 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:112 Resp: 260073

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.2	84.2
63	39.4	32.8	49.2



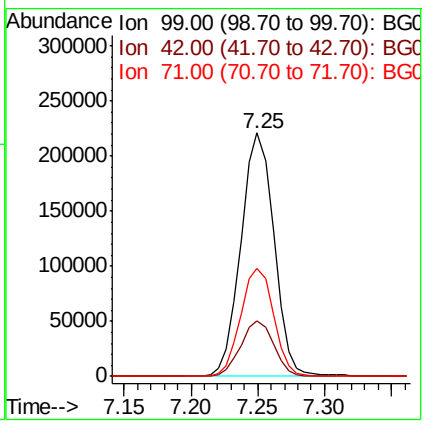


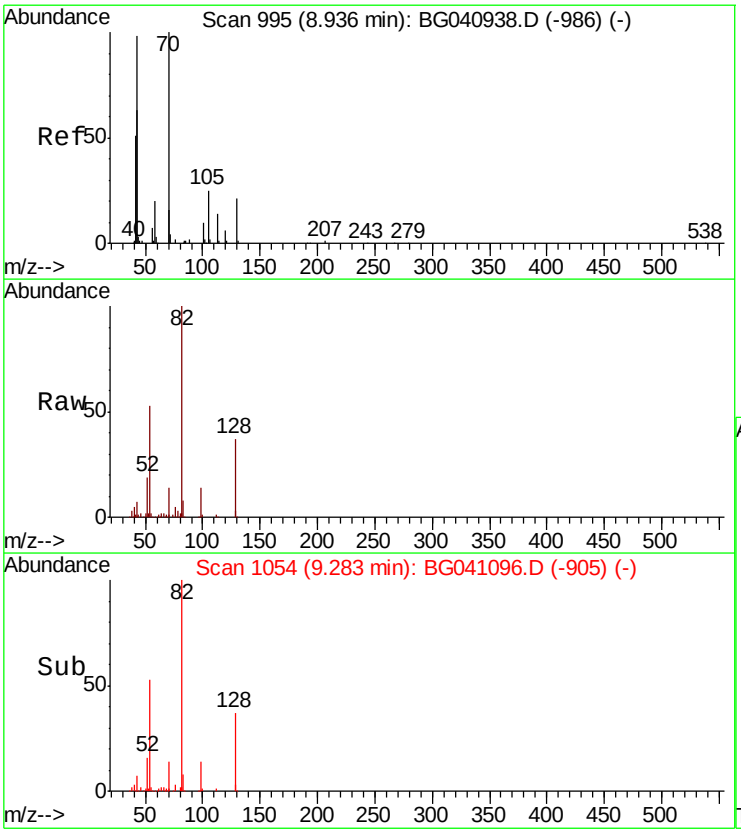
#7
Phenol-d6
Concen: 136.477 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion: 99 Resp: 378941

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	44.2	35.4	53.0

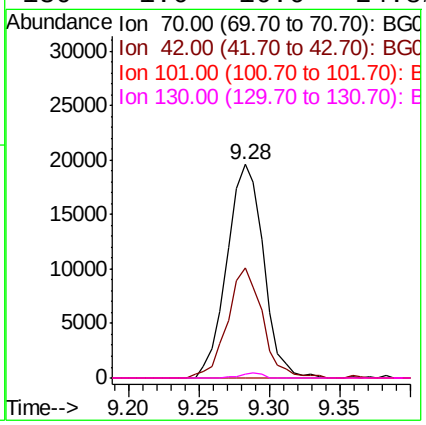


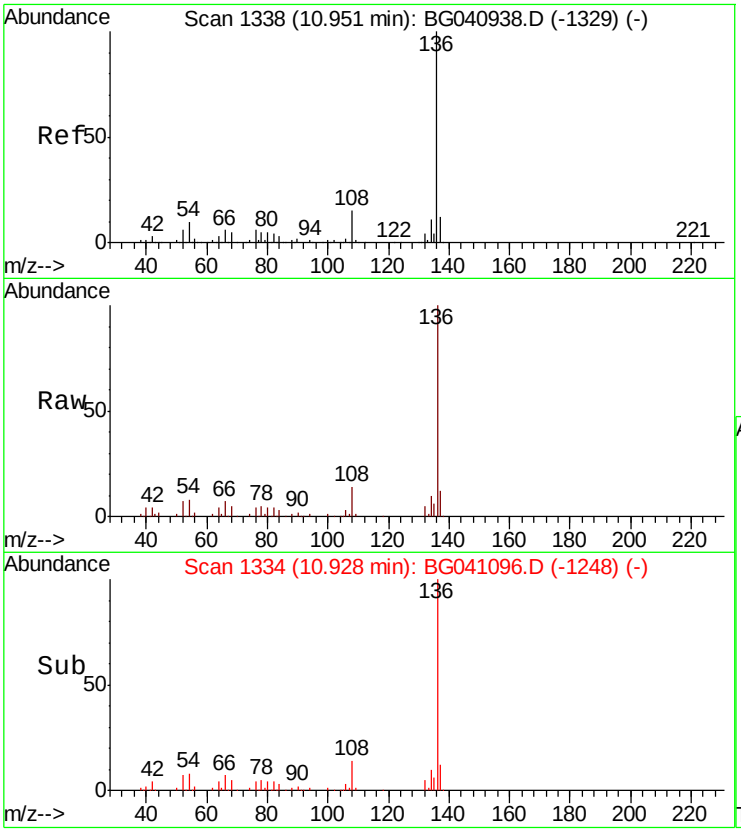


#19
n-Nitroso-di-n-propylamine
Concen: 16.562 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.35 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion: 70 Resp: 35389

Ion	Ratio	Lower	Upper
70	100		
42	51.7	51.5	77.3
101	0.0	8.1	12.1#
130	1.6	16.6	24.8#



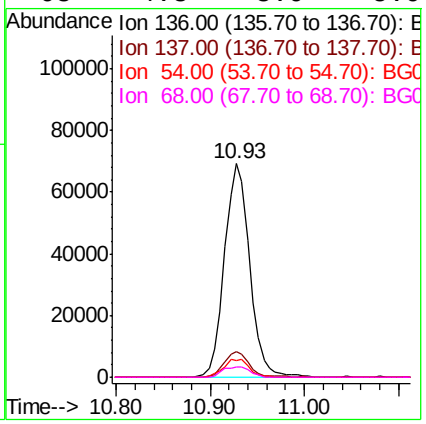


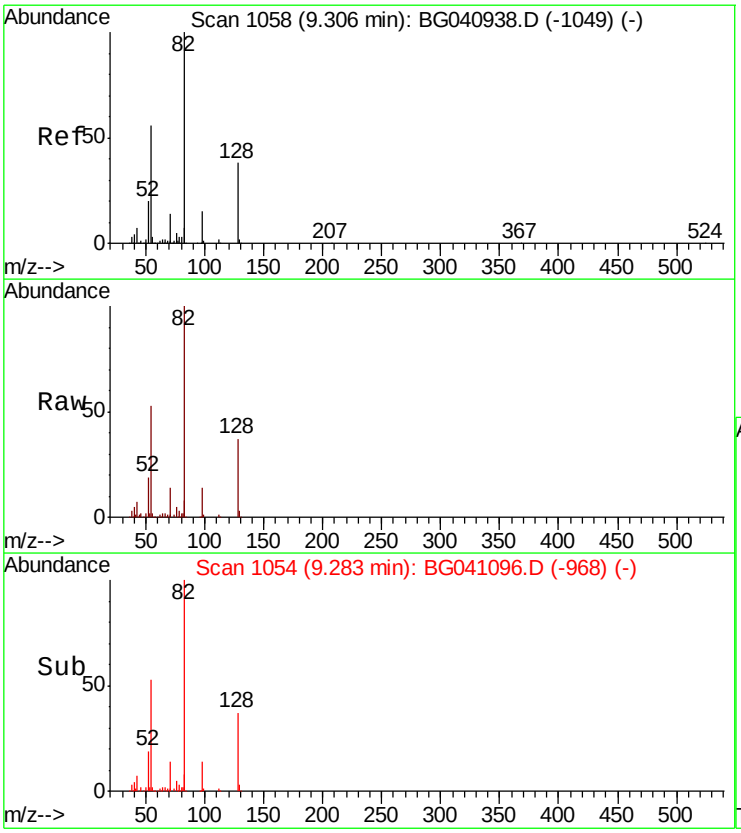
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:136 Resp: 128942

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	8.0	7.6	11.4
68	4.8	3.9	5.9

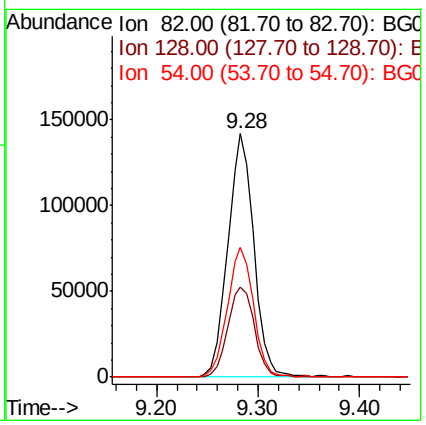


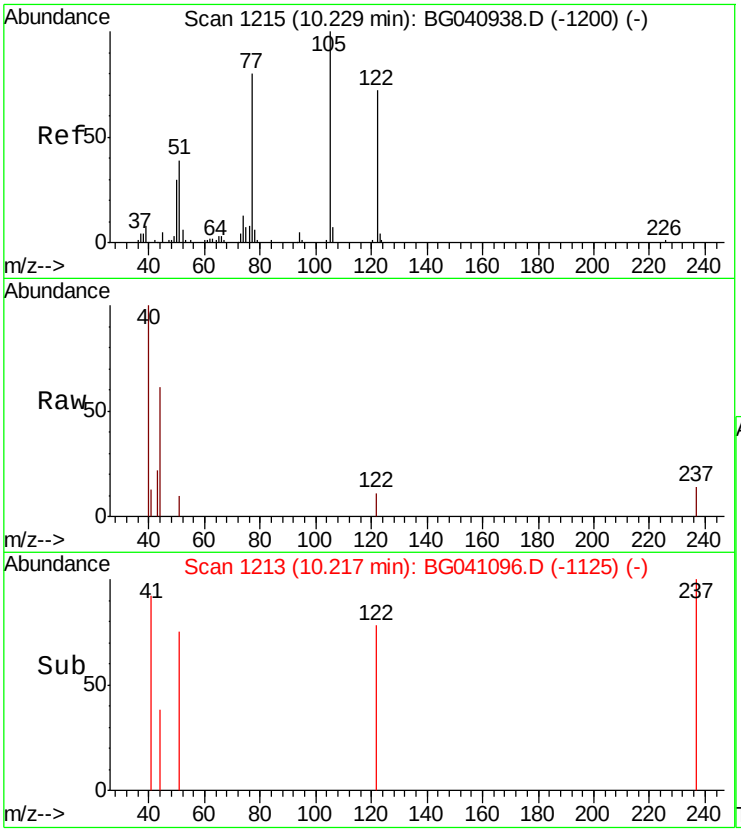


#23
Nitrobenzene-d5
Concen: 86.735 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion: 82 Resp: 251922

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.5	45.7
54	53.2	44.6	66.8



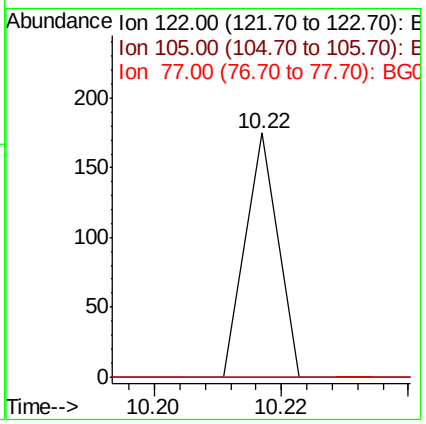


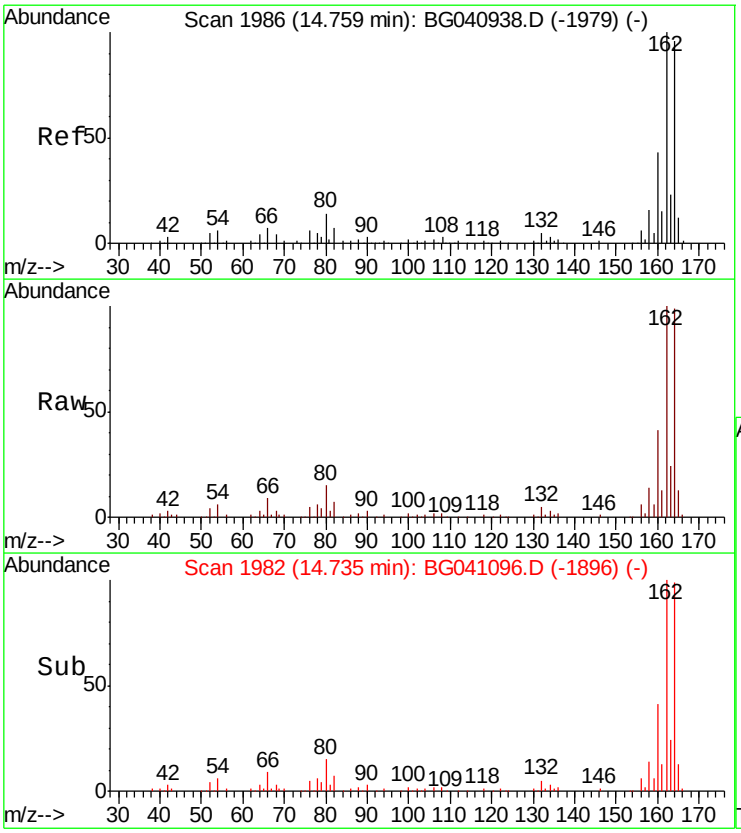
#32
Benzoic acid
Concen: 8.163 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

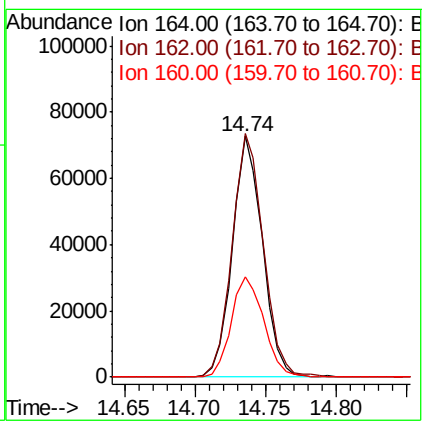


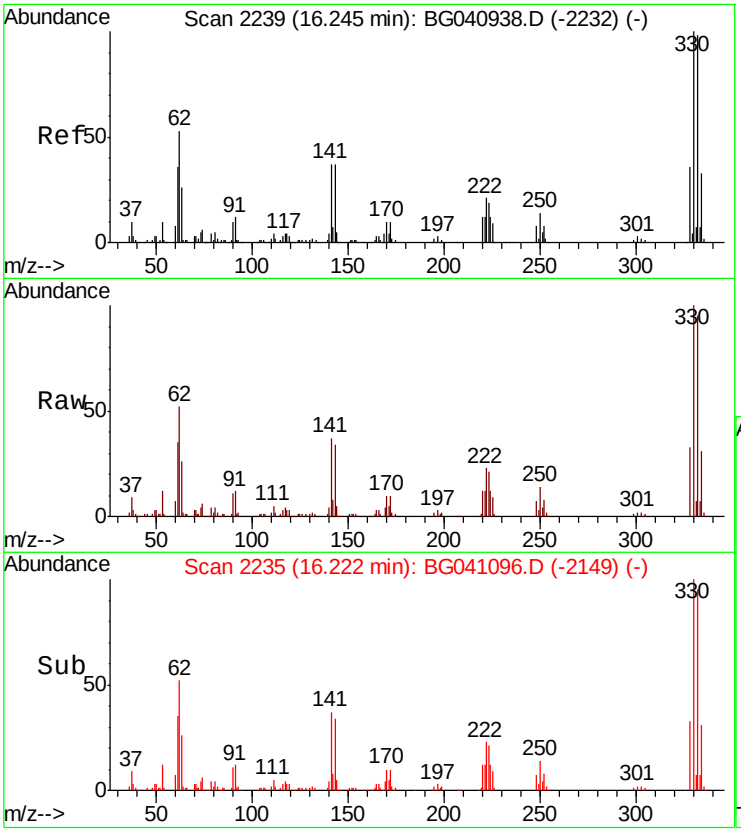


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:164 Resp: 107951

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.4
160	41.7	35.6	53.4



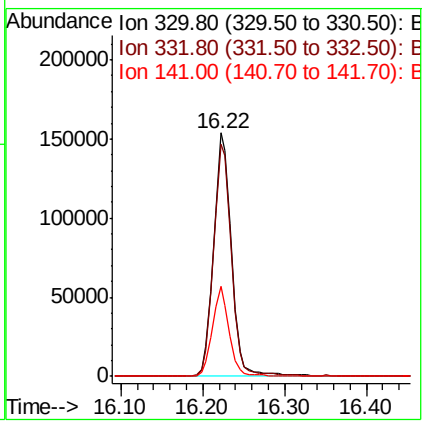


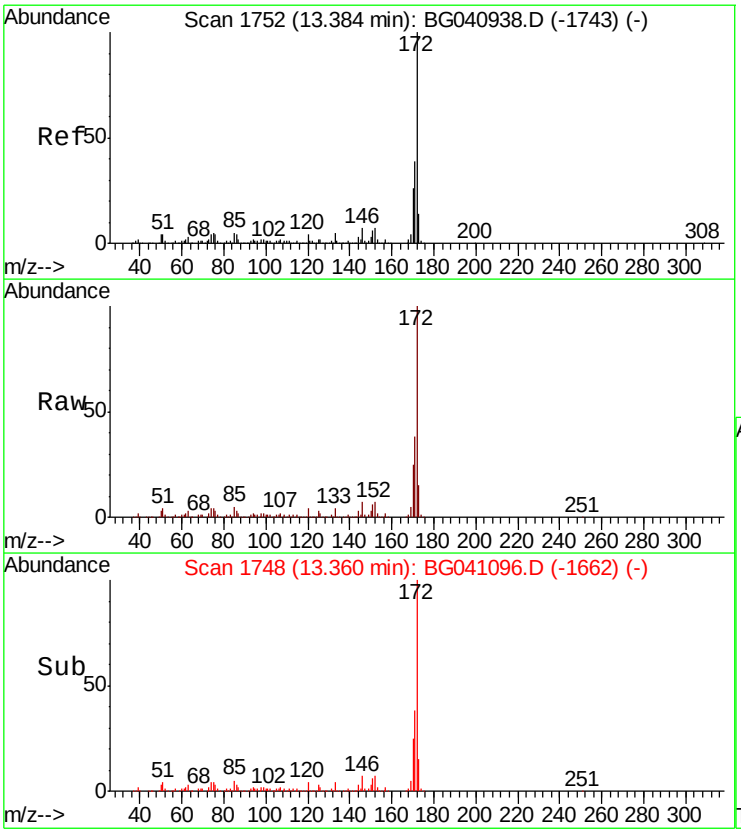
#42
2,4,6-Tribromophenol
Concen: 146.258 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:330 Resp: 234395

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	35.0	28.7	43.1

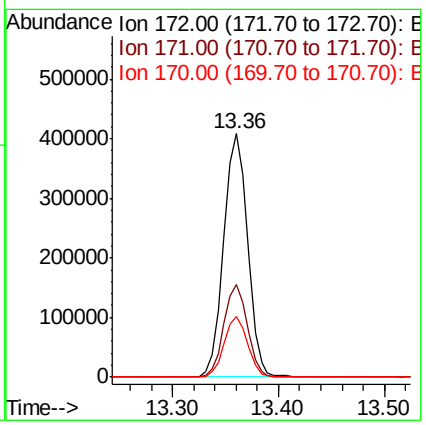


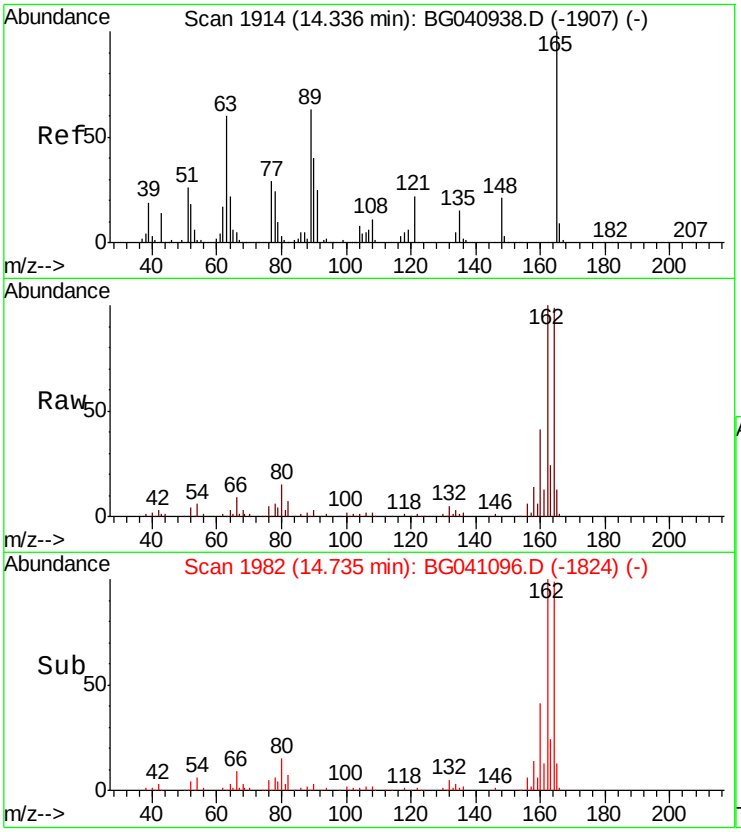


#45
2-Fluorobiphenyl
Concen: 85.148 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:172 Resp: 638271

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.8	20.5	30.7



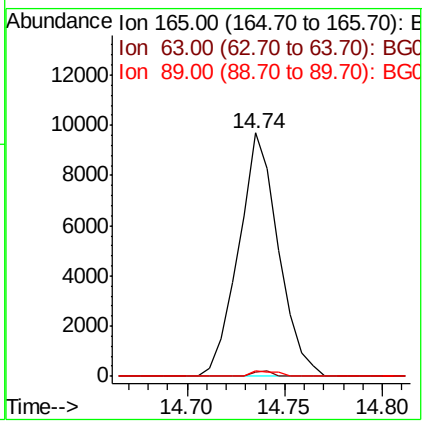


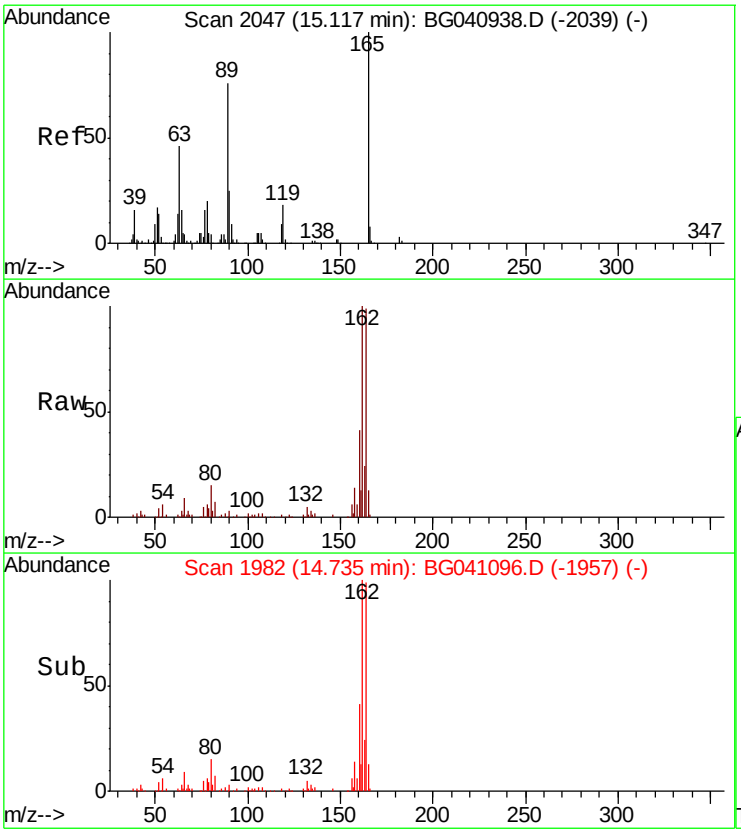
#51
2,6-Dinitrotoluene
Concen: 6.940 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:165 Resp: 13674

Ion	Ratio	Lower	Upper
165	100		
63	1.6	53.6	80.4#
89	2.5	50.4	75.6#

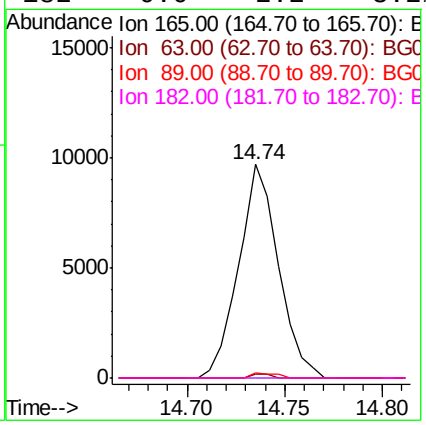


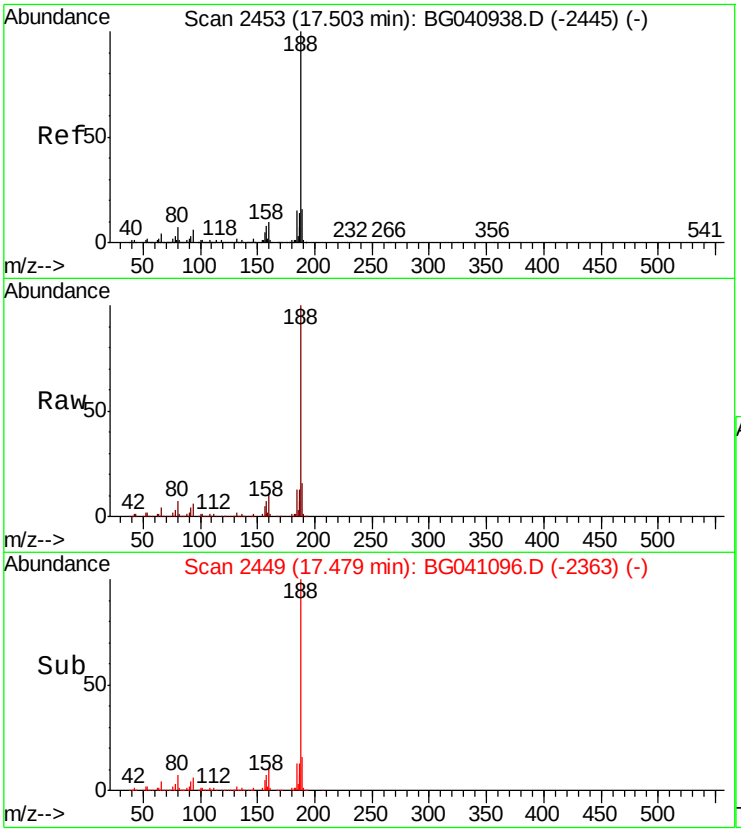


#57
2,4-Dinitrotoluene
Concen: 4.913 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:165 Resp: 13674

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.3	55.9#
89	2.5	61.0	91.6#
182	0.0	2.2	3.2#



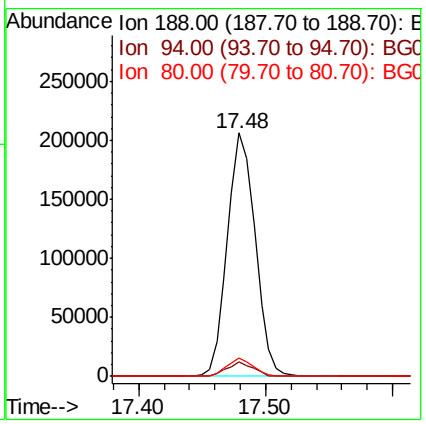


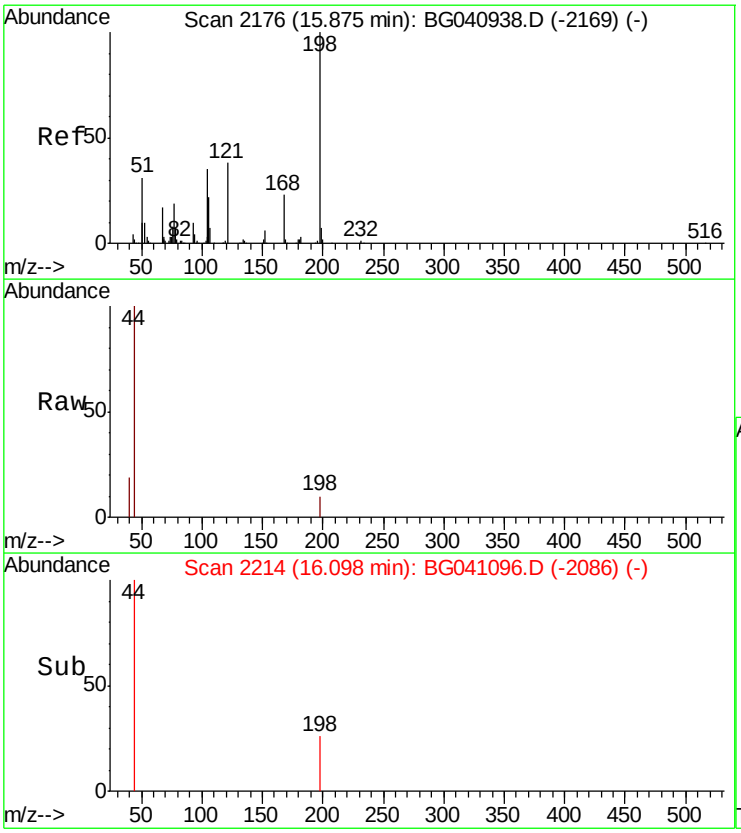
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:188 Resp: 314513

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	7.3	5.8	8.8

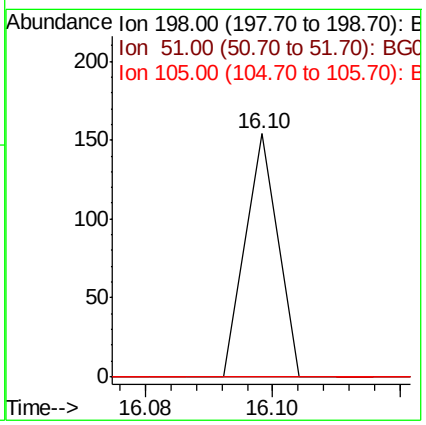


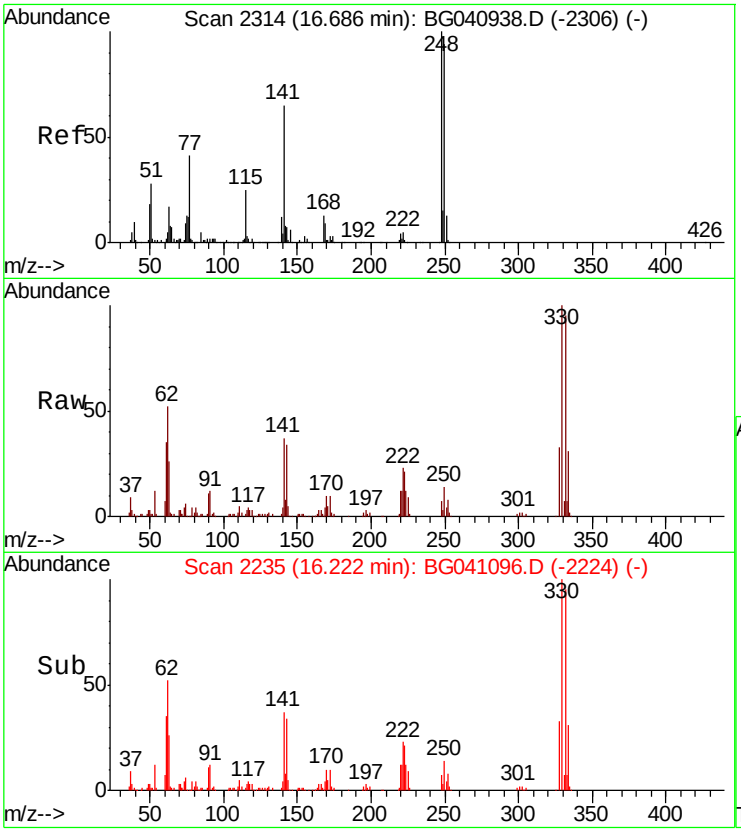


#65
4,6-Dinitro-2-methylphenol
Concen: 8.616 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.22 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.6	61.6#
105	0.0	17.5	57.5#



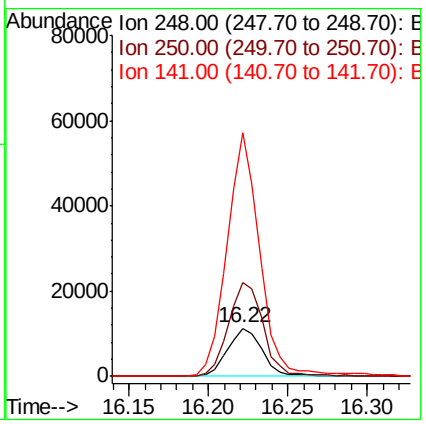


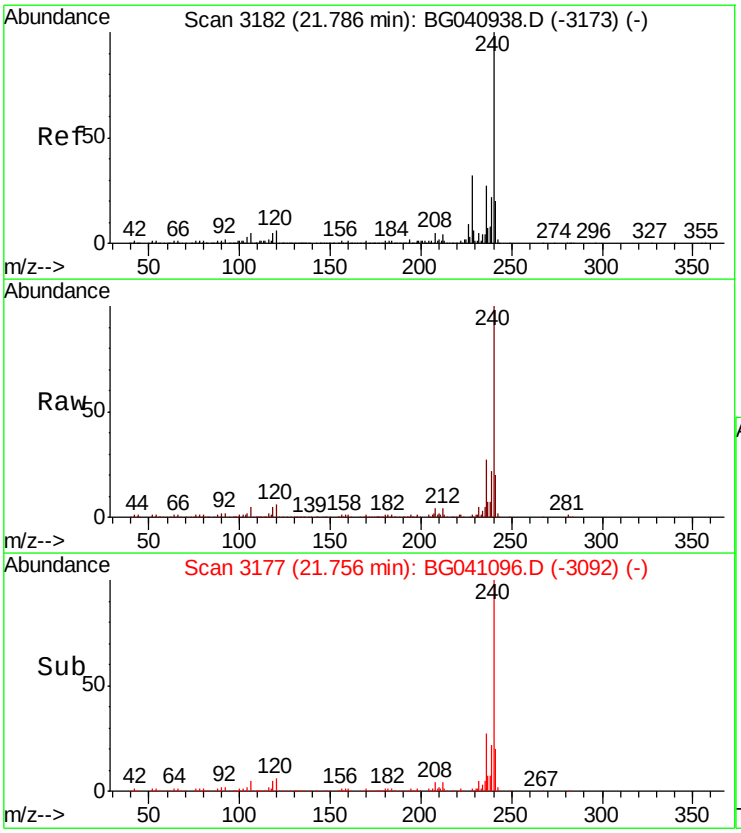
#67
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.46 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:248 Resp: 16895

Ion	Ratio	Lower	Upper
248	100		
250	197.0	75.0	112.4#
141	509.4	52.4	78.6#

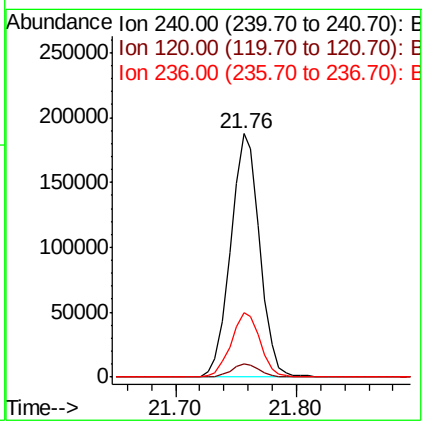


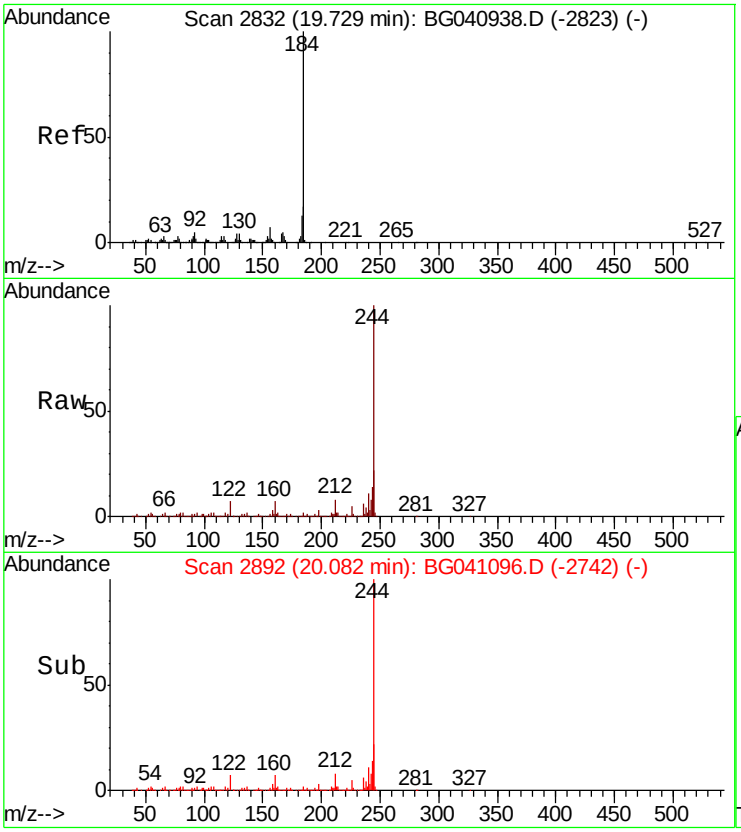


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:240 Resp: 313048

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.5	6.7
236	26.7	21.3	31.9



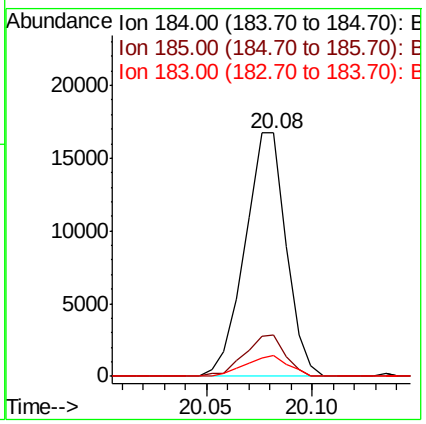


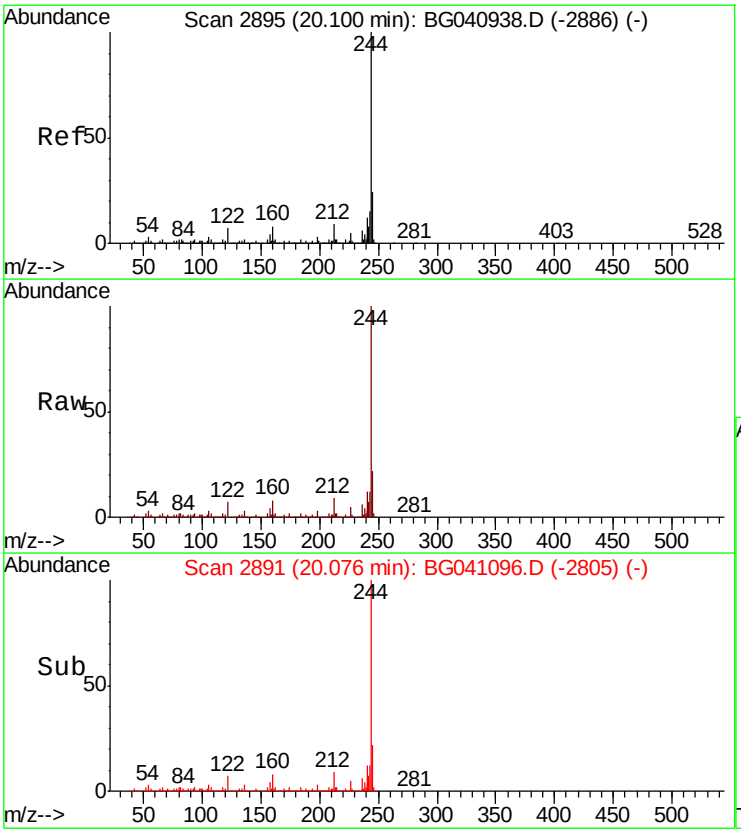
#77
Benzidine
Concen: 3.034 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.35 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:184 Resp: 22660

Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.3	19.9
183	8.8	10.7	16.1#

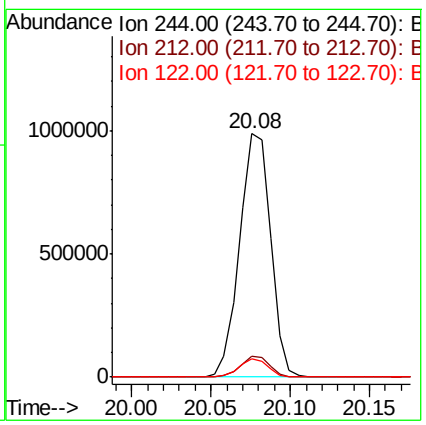


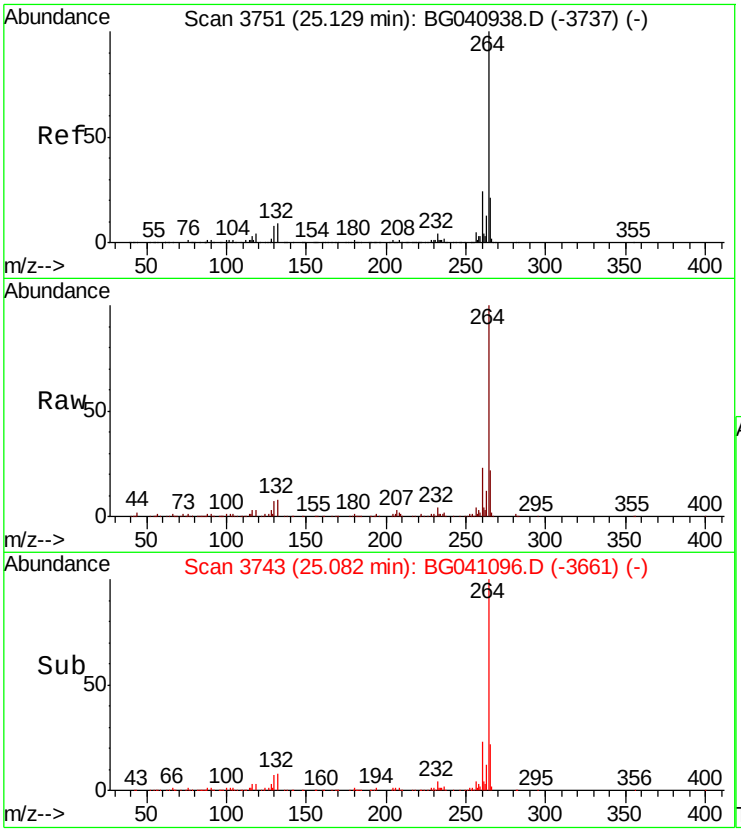


#79
Terphenyl-d14
Concen: 91.366 ng
RT: 20.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Tgt Ion:244 Resp: 1347656

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	7.4	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.05 min
Lab File: BG041096.D
Acq: 7 Jun 2019 11:36

Instrument :
BNA_G
ClientSampleId :
PB120399BL

Tgt Ion:264 Resp: 329097

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.7	17.0	25.4