Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044862.D
Acq On : 18 Mar 2020 12:17
Operator : CG/JU
Sample : L1942-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 18 15:43:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	78213	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	307079	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	216148	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	521159	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	468280	20.00	ng	-0.02
87) Perylene-d12	24.89	264	498712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	628398	125.07	ng	0.00
7) Phenol-d6	7.20	99	810229	110.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	664761	94.99	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	463723	163.85	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1396357	92.51	ng	0.00
79) Terphenyl-d14	20.03	244	2348767	93.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	2120	Below Cal	#	20
19) n-Nitroso-di-n-propylamine	9.20	70	89779	17.417	ng	# 74
26) 2-Nitrophenol	10.23	139	60	5.536	ng	# 28
32) Benzoic acid	10.14	122	55	9.682	ng	# 43
51) 2,6-Dinitrotoluene	14.67	165	28141	8.110	ng	# 22
54) 2,4-Dinitrophenol	14.93	184	55	8.350	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	28141	5.913	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.17	198	1579	8.268	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	34214	5.251	ng	# 1
77) Benzidine	20.03	184	47607	3.132	ng	# 90

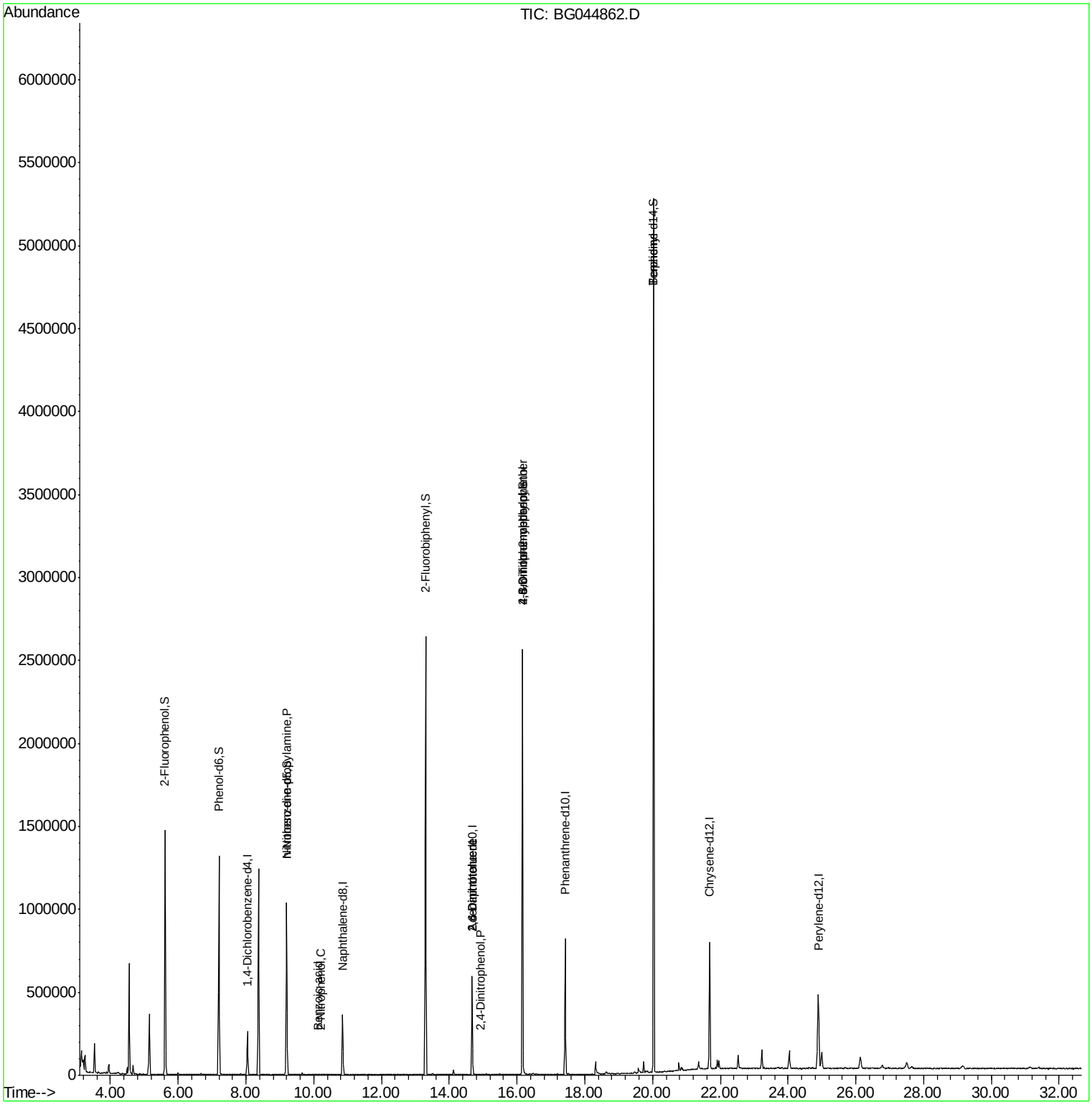
(#) = qualifier out of range (m) = manual integration (+) = signals summed

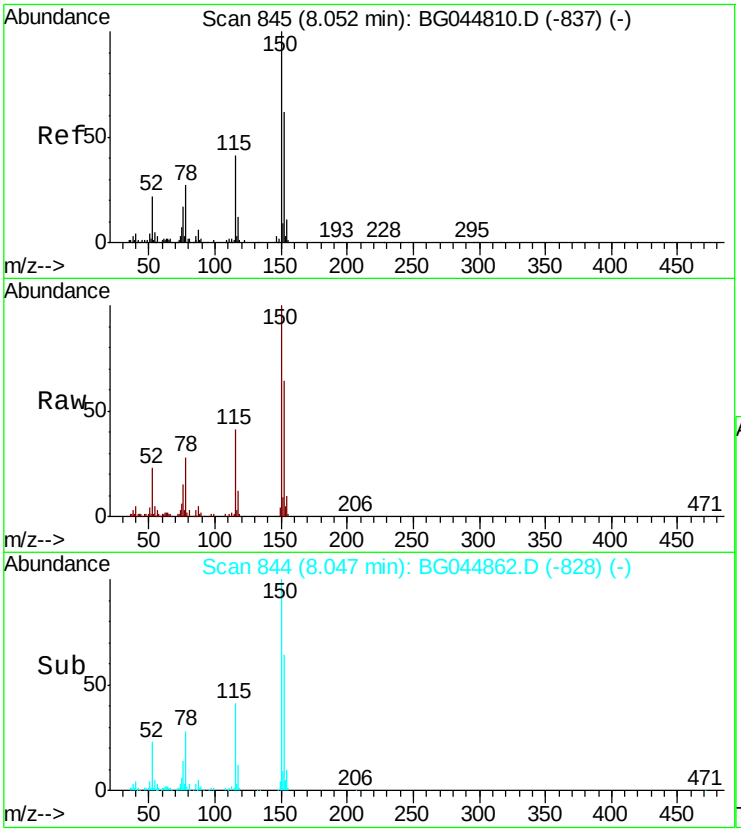
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044862.D
Acq On : 18 Mar 2020 12:17
Operator : CG/JU
Sample : L1942-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 18 15:43:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



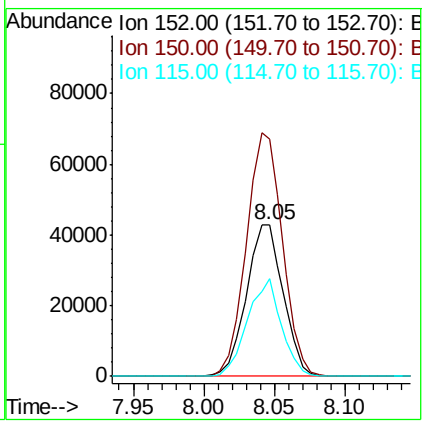


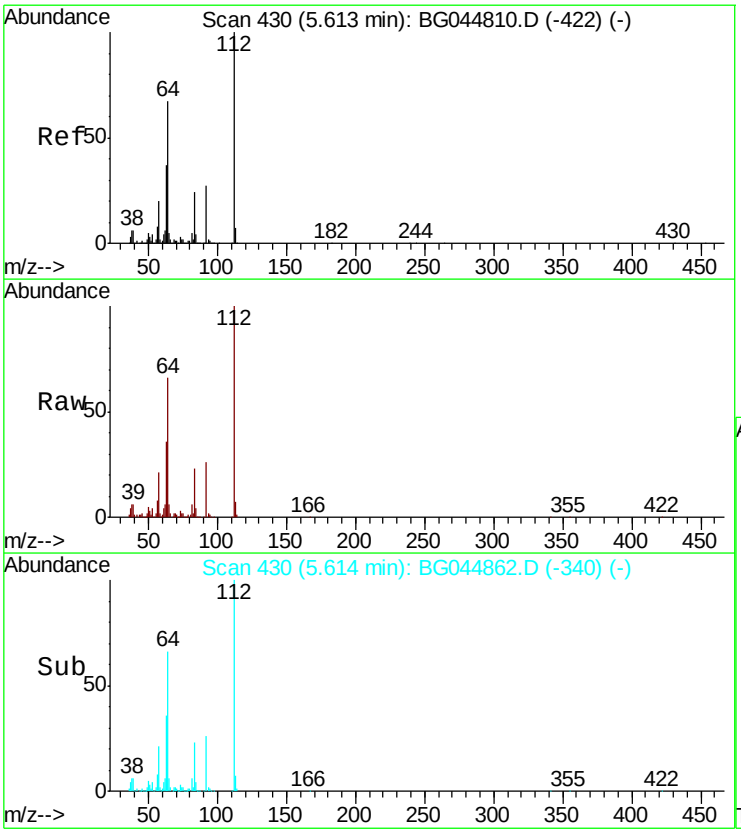
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 78213

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.8	193.2
115	64.6	52.6	79.0

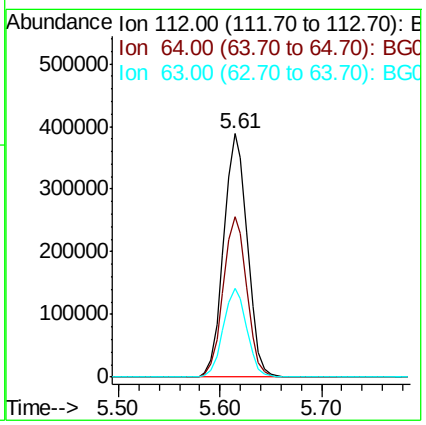


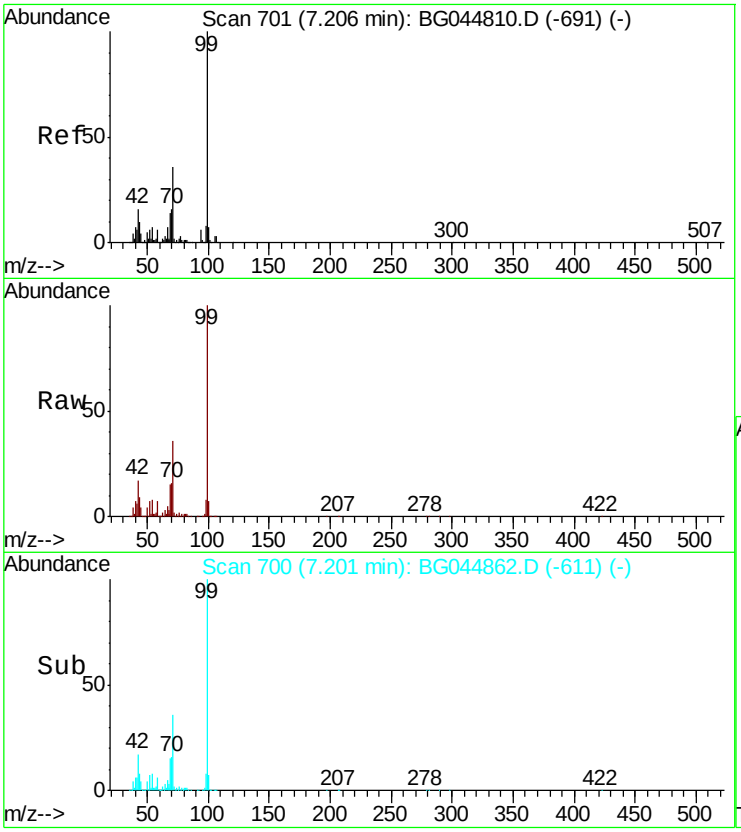


#5
2-Fluorophenol
Concen: 125.072 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:112 Resp: 628398

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.4	80.2
63	36.2	29.4	44.2



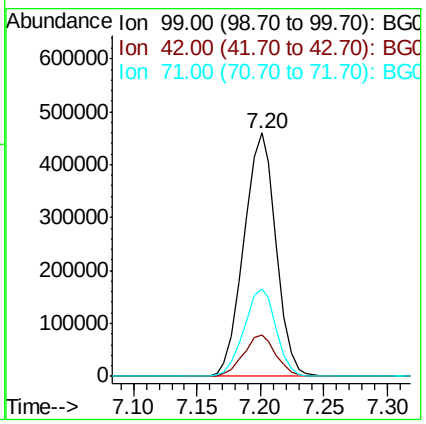


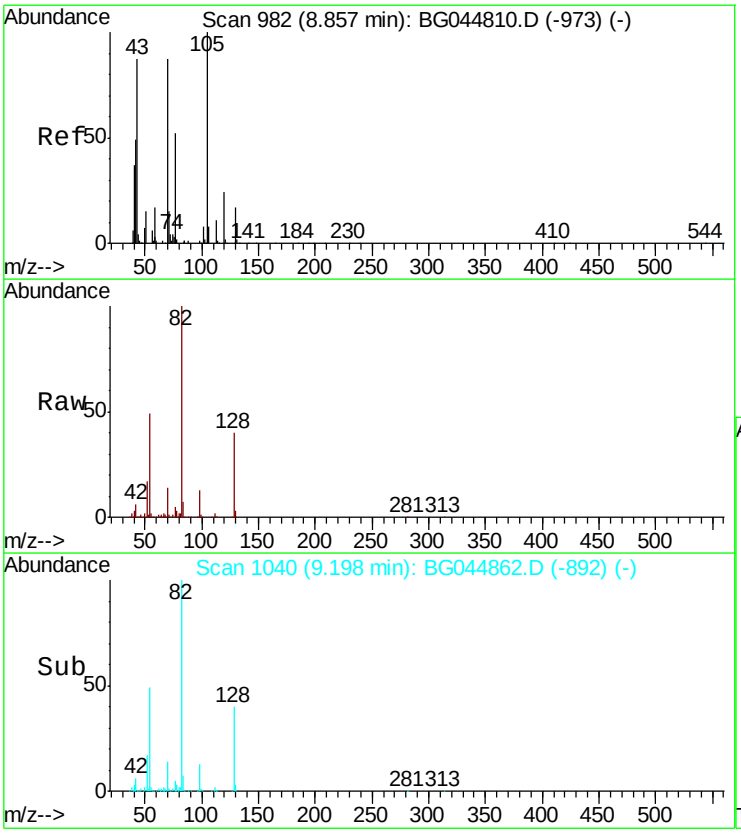
#7
Phenol-d6
Concen: 110.991 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 810229

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.6	19.0
71	35.9	29.0	43.4

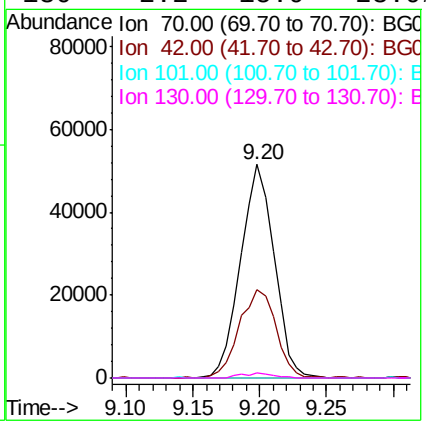


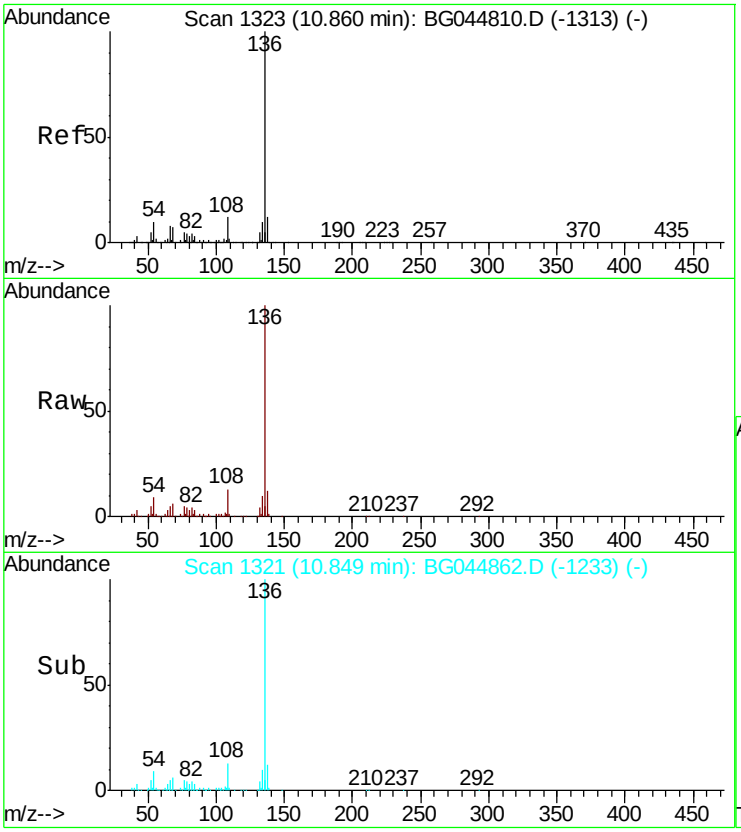


#19
n-Nitroso-di-n-propylamine
Concen: 17.417 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion: 70 Resp: 89779

Ion	Ratio	Lower	Upper
70	100		
42	41.7	45.7	68.5#
101	0.0	7.4	11.2#
130	2.2	15.9	23.9#



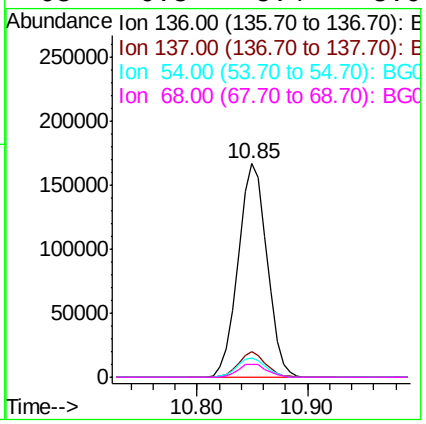


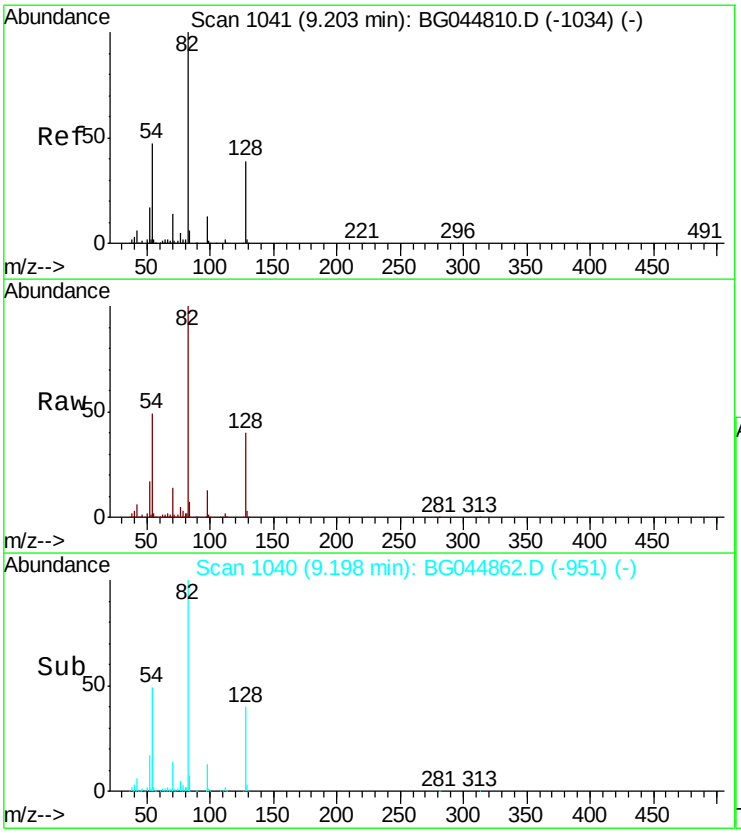
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 307079

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	8.9	7.9	11.9
68	6.3	5.4	8.0

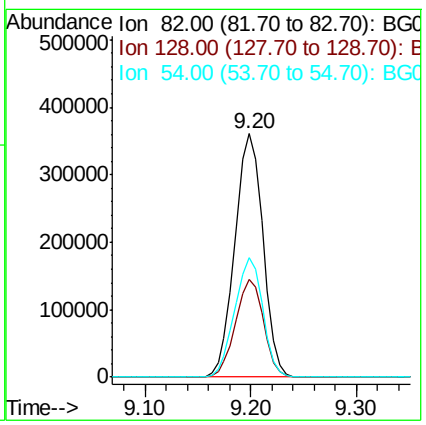


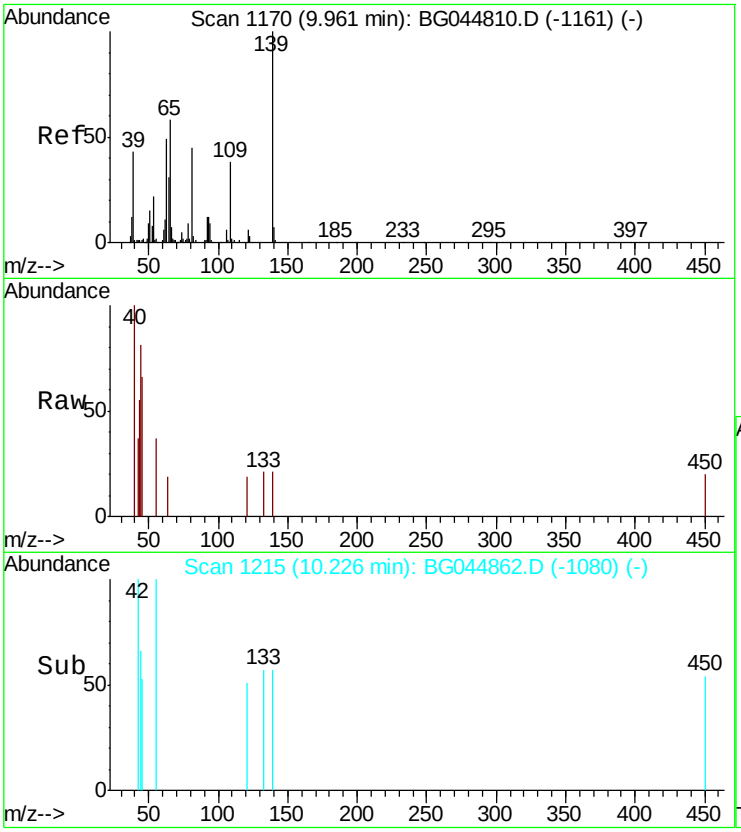


#23
Nitrobenzene-d5
Concen: 94.994 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion: 82 Resp: 664761

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	49.3	37.1	55.7



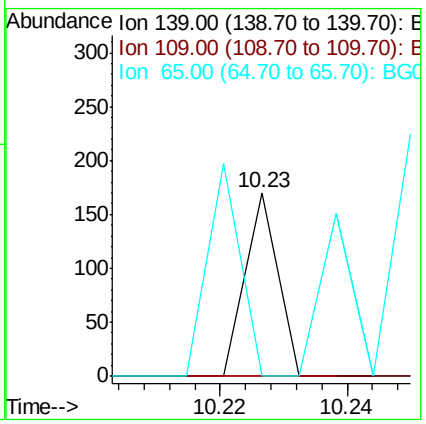


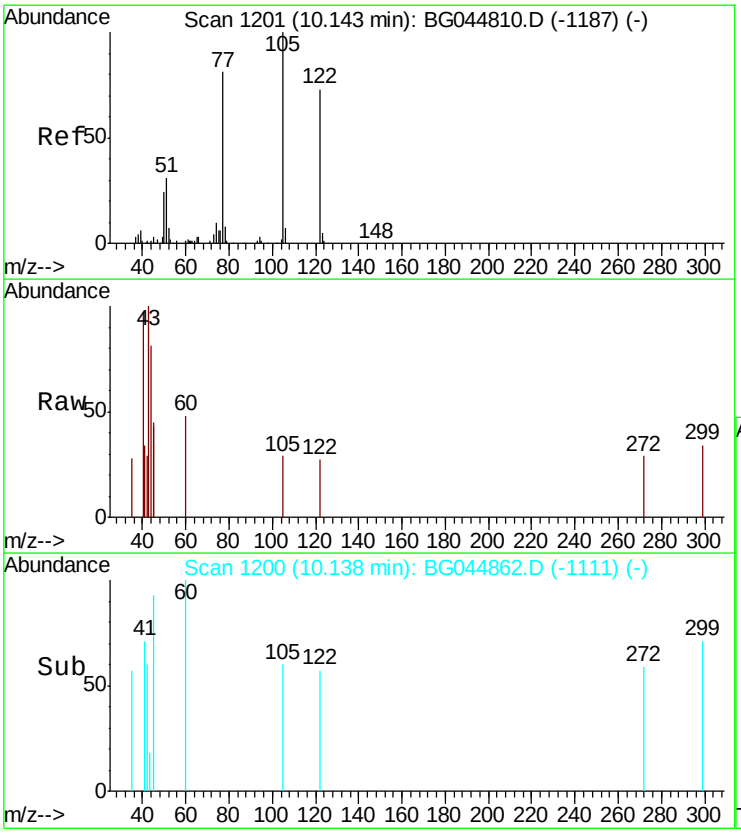
#26
2-Nitrophenol
Concen: 5.536 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.27 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#

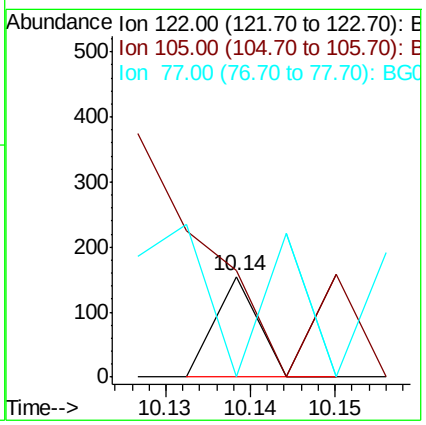


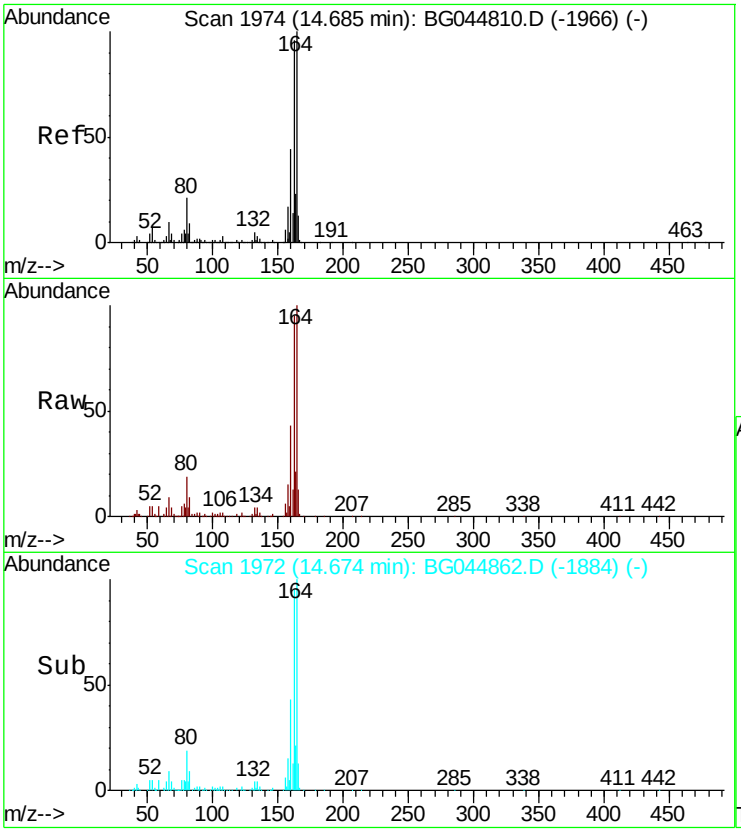


#32
Benzoic acid
Concen: 9.682 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	105.8	109.1	149.1#
77	0.0	85.3	125.3#



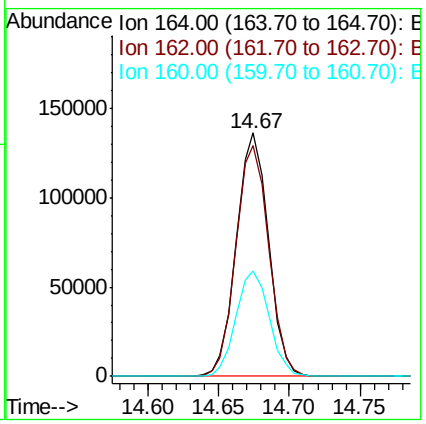


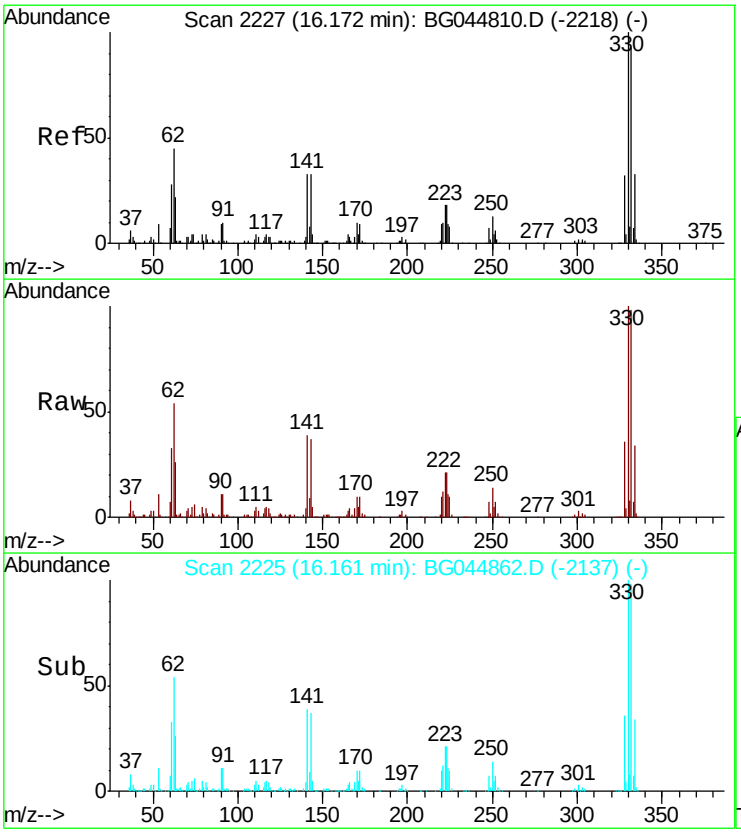
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 216148

Ion	Ratio	Lower	Upper
164	100		
162	95.0	76.7	115.1
160	43.0	35.0	52.4

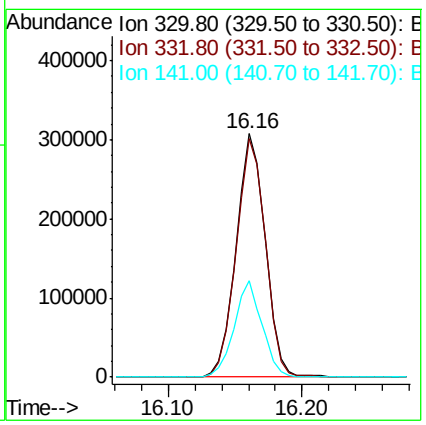


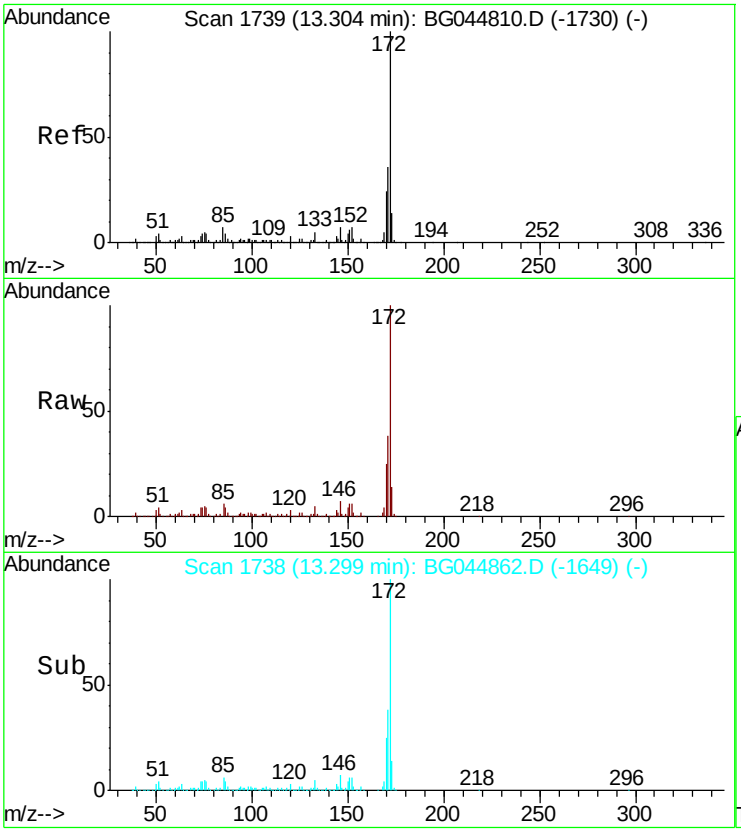


#42
2,4,6-Tribromophenol
Concen: 163.852 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:330 Resp: 463723

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.8	116.6
141	38.1	29.5	44.3



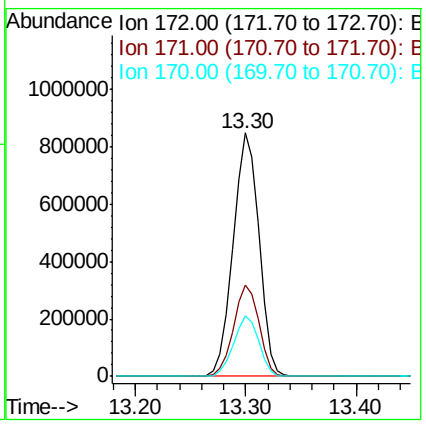


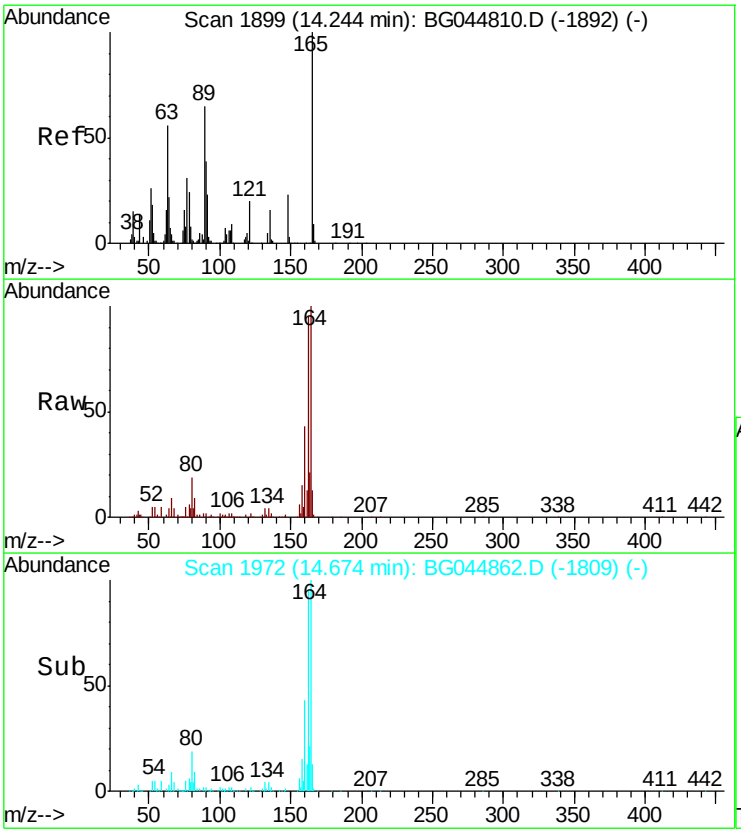
#45
2-Fluorobiphenyl
Concen: 92.512 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1396357

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	25.0	19.0	28.6

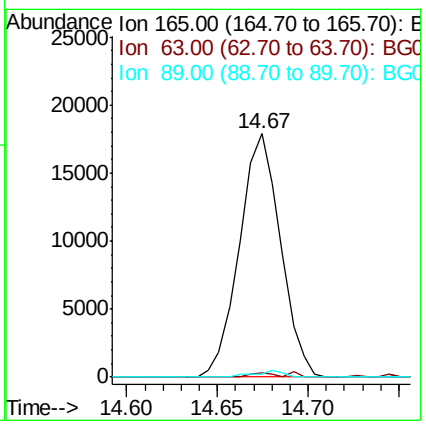


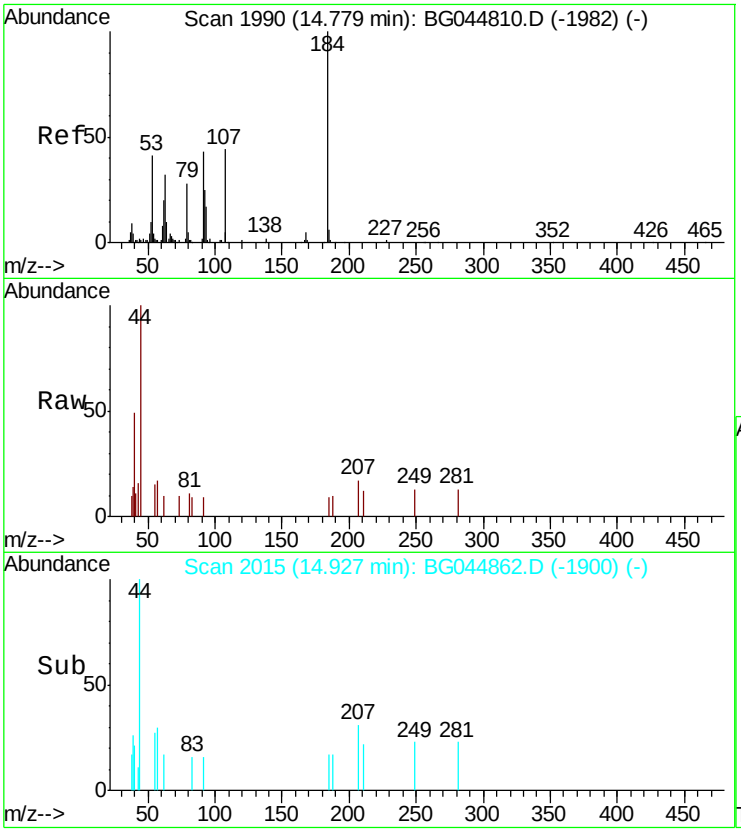


#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:165 Resp: 28141

Ion	Ratio	Lower	Upper
165	100		
63	1.6	45.8	68.8#
89	1.3	51.8	77.6#



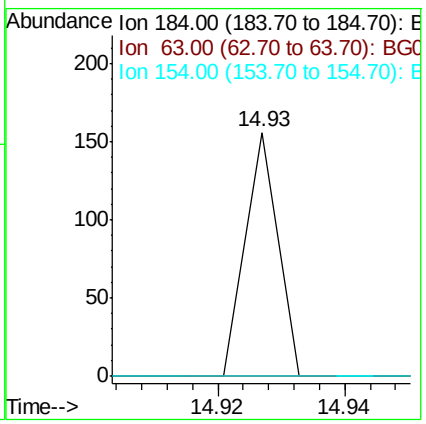


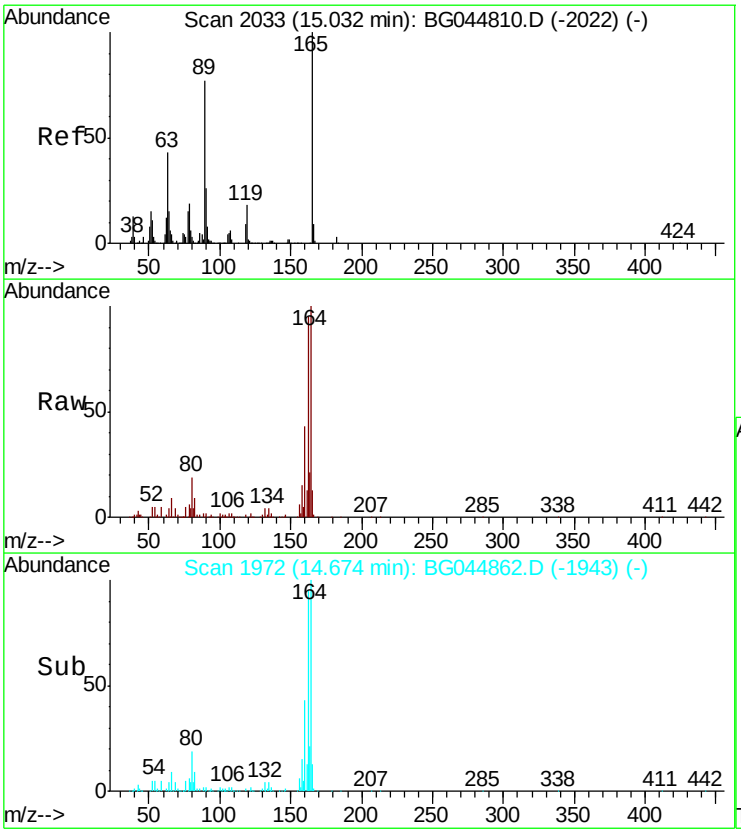
#54
2,4-Dinitrophenol
Concen: 8.350 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.15 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#

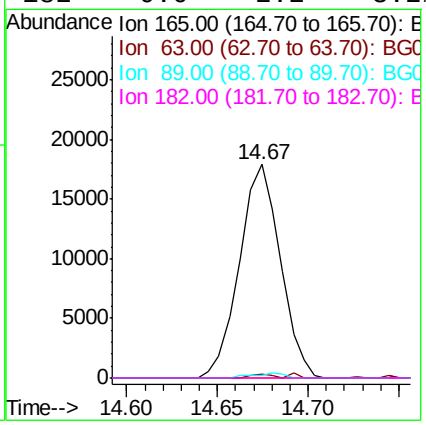


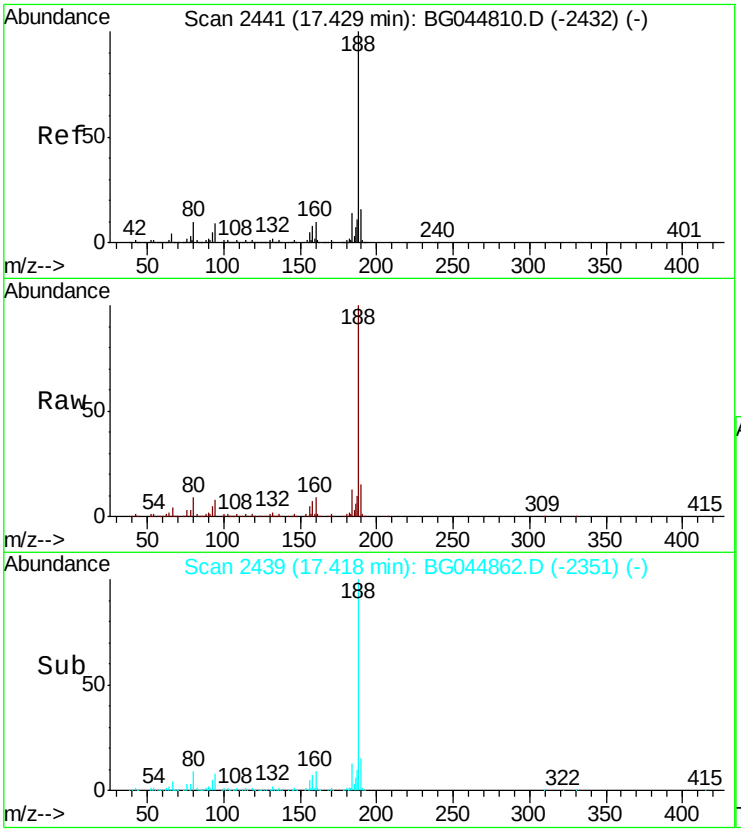


#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:165 Resp: 28141

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.3	61.3	91.9#
182	0.0	2.2	3.2#



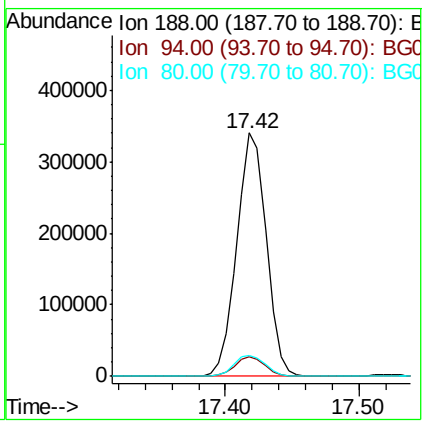


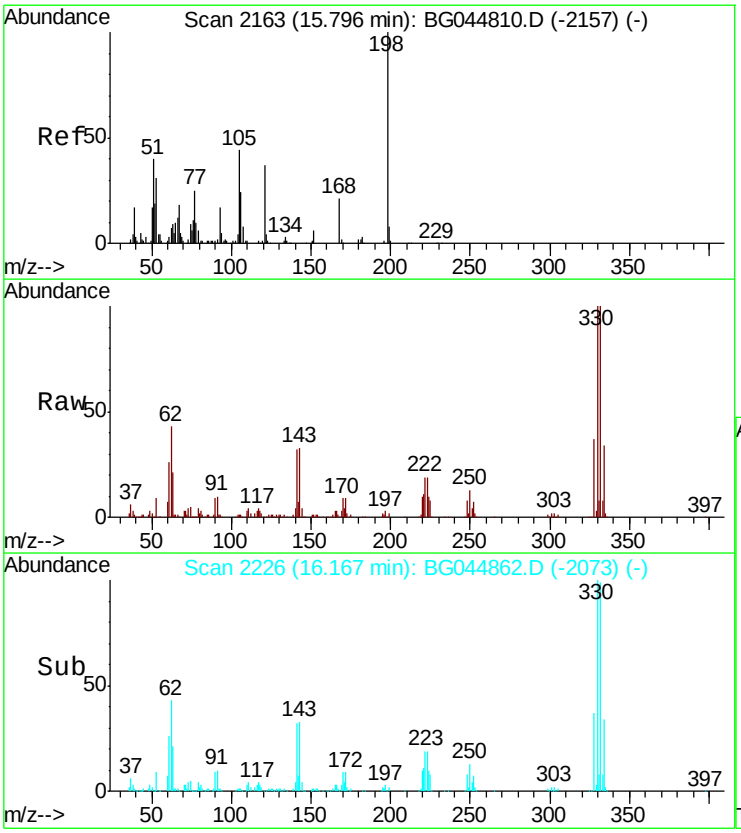
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 521159

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.3	10.9
80	8.8	8.0	12.0

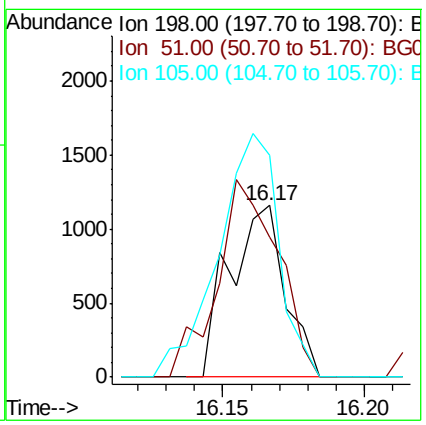


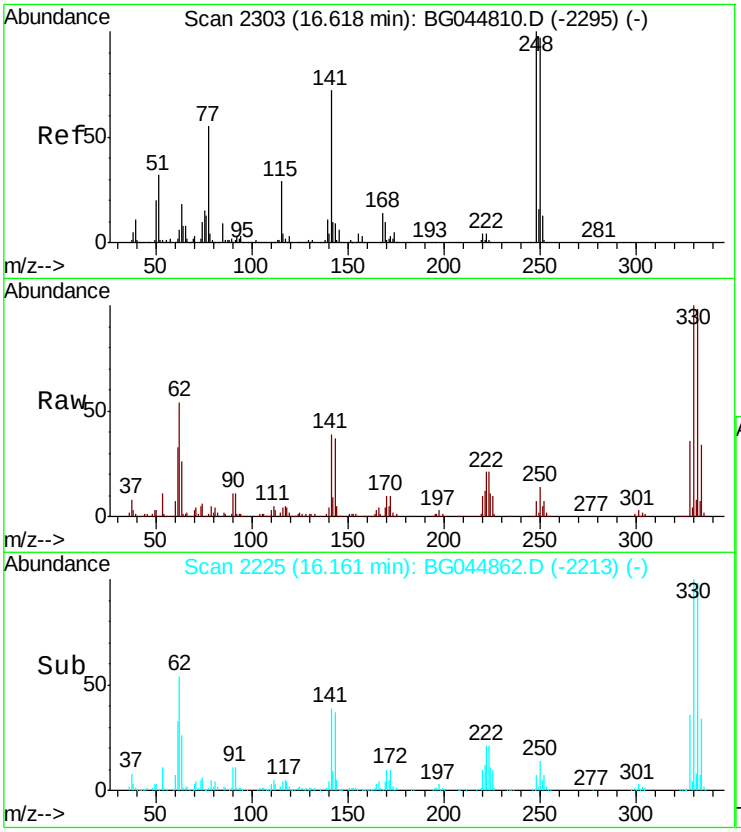


#65
4,6-Dinitro-2-methylphenol
Concen: 8.268 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.37 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:198 Resp: 1579

Ion	Ratio	Lower	Upper
198	100		
51	81.7	21.1	61.1#
105	128.8	24.5	64.5#



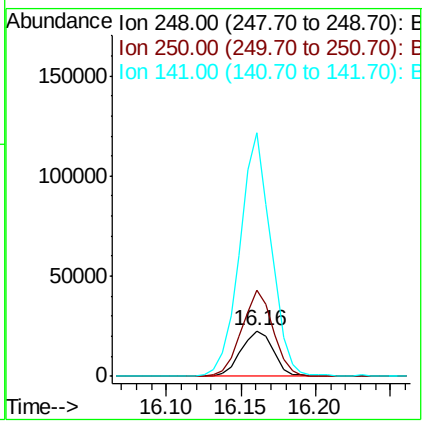


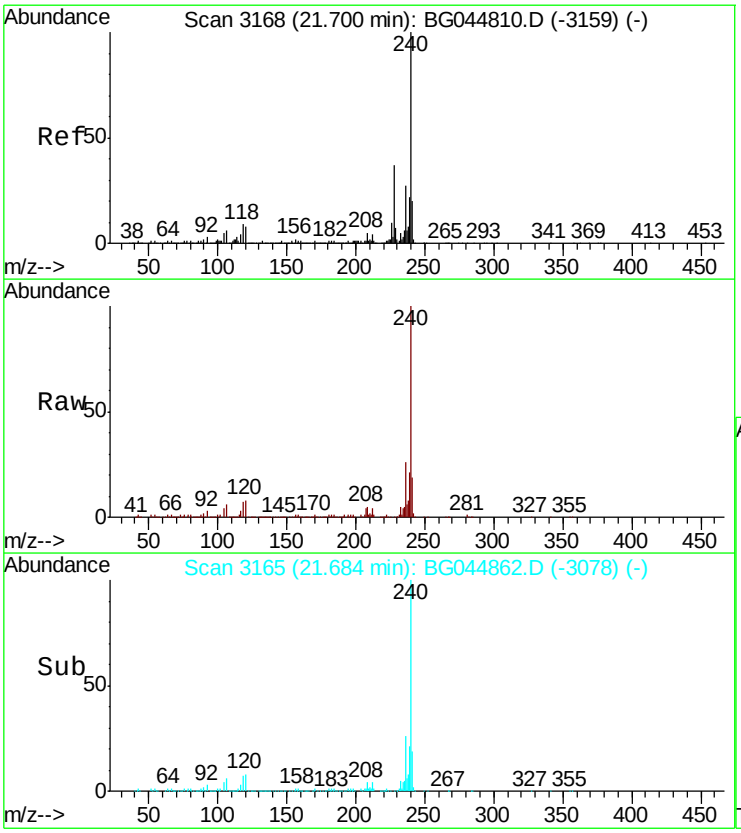
#67
4-Bromophenyl-phenylether
Concen: 5.251 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 34214

Ion	Ratio	Lower	Upper
248	100		
250	190.0	77.9	116.9#
141	535.6	57.5	86.3#

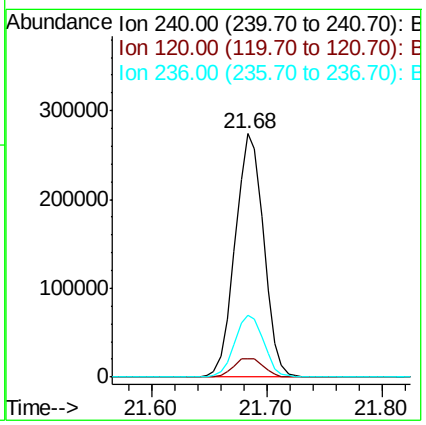


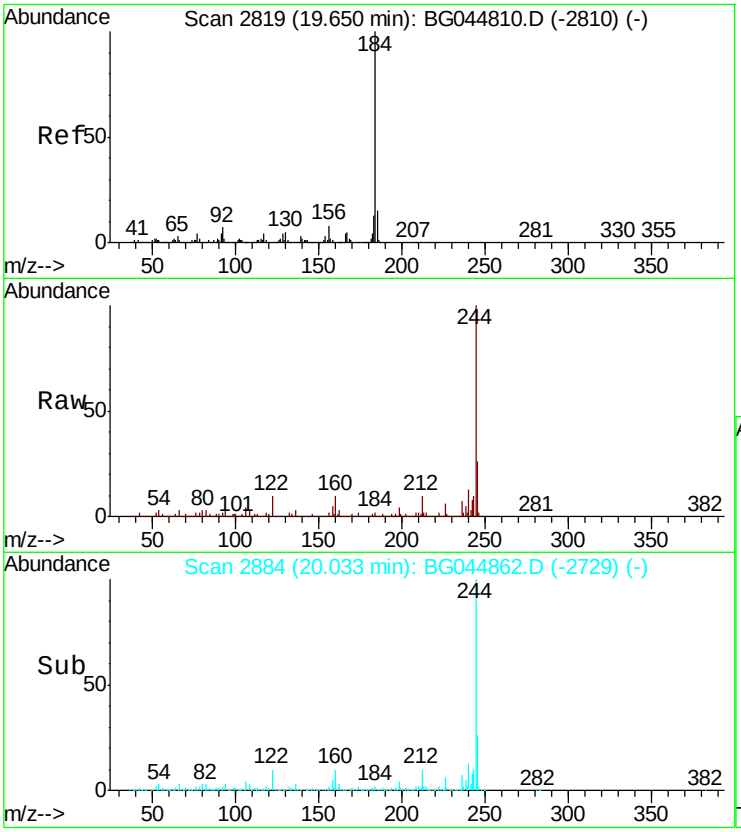


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:240 Resp: 468280

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.7	10.1
236	25.5	21.5	32.3



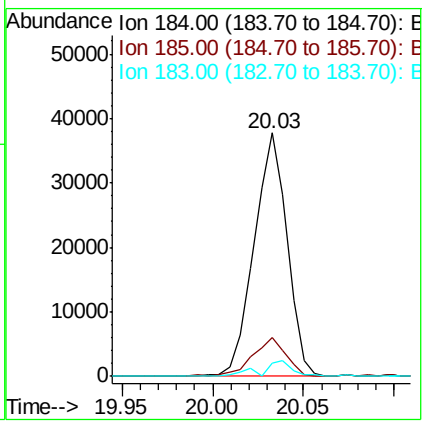


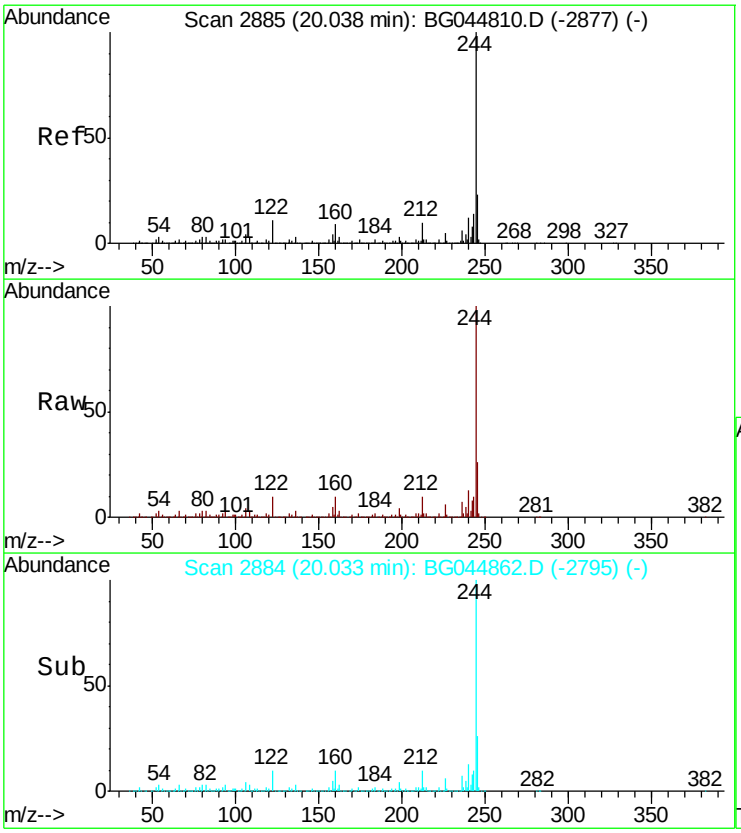
#77
Benzidine
Concen: 3.132 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 47607

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	5.5	10.7	16.1#

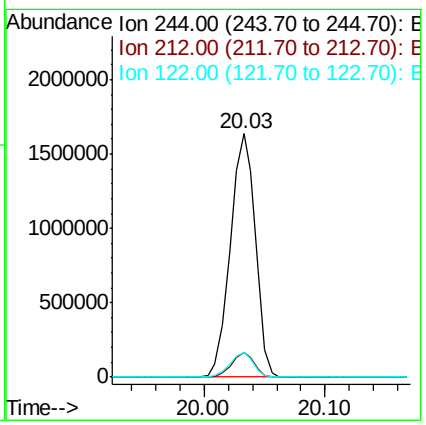


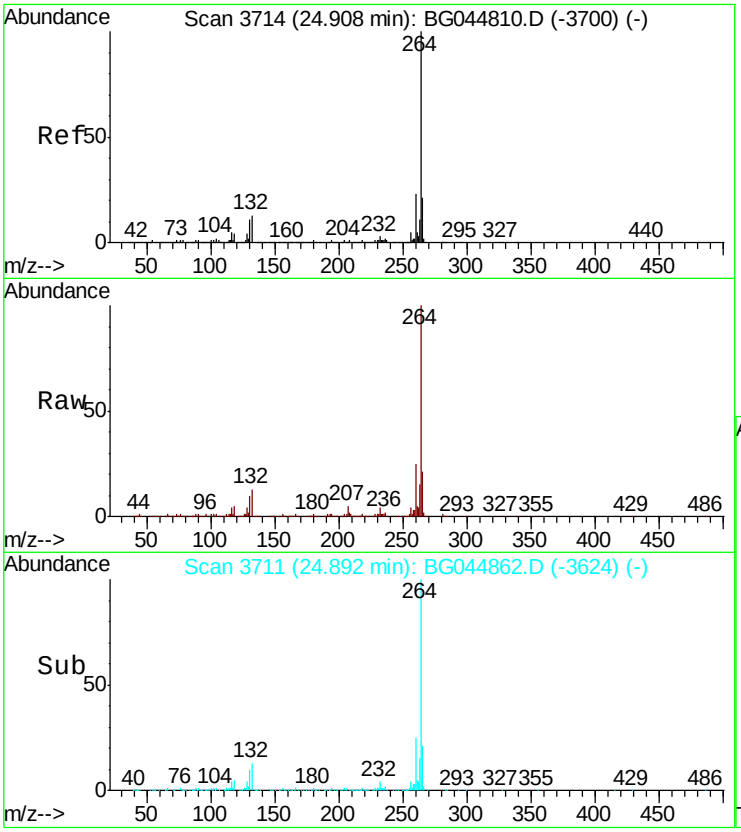


#79
Terphenyl-d14
Concen: 93.822 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Tgt Ion:244 Resp: 2348767

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.7	11.5
122	10.3	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044862.D
Acq: 18 Mar 2020 12:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 498712

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.1	27.1
265	21.3	17.1	25.7