Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044926.D
Acq On : 20 Mar 2020 19:14
Operator : CG/JU
Sample : L1966-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3-FILTERED

Quant Time: Mar 21 00:44:16 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	8.04	152	88951	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	336139	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	224224	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	511232	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	518071	20.00	ng	-0.02
87) Perylene-d12	24.89	264	552680	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	319831	55.97	ng	0.00
7) Phenol-d6	7.20	99	268910	32.39	ng	-0.01
23) Nitrobenzene-d5	9.20	82	639086	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	408294	139.07	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1346760	86.01	ng	0.00
79) Terphenyl-d14	20.03	244	2114057	76.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	66	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	86979	14.84	ng	# 77
26) 2-Nitrophenol	10.29	139	117	5.55	ng	# 28
32) Benzoic acid	10.33	122	67	9.68	ng	# 34
51) 2,6-Dinitrotoluene	14.67	165	28445	7.90	ng	# 23
54) 2,4-Dinitrophenol	14.27	184	98	8.37	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	28445	5.76	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.16	198	1584	8.28	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	27540	4.31	ng	# 1
77) Benzidine	20.03	184	40796	2.43	ng	# 88

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

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Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Quant Time: Mar 21 00:44:16 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
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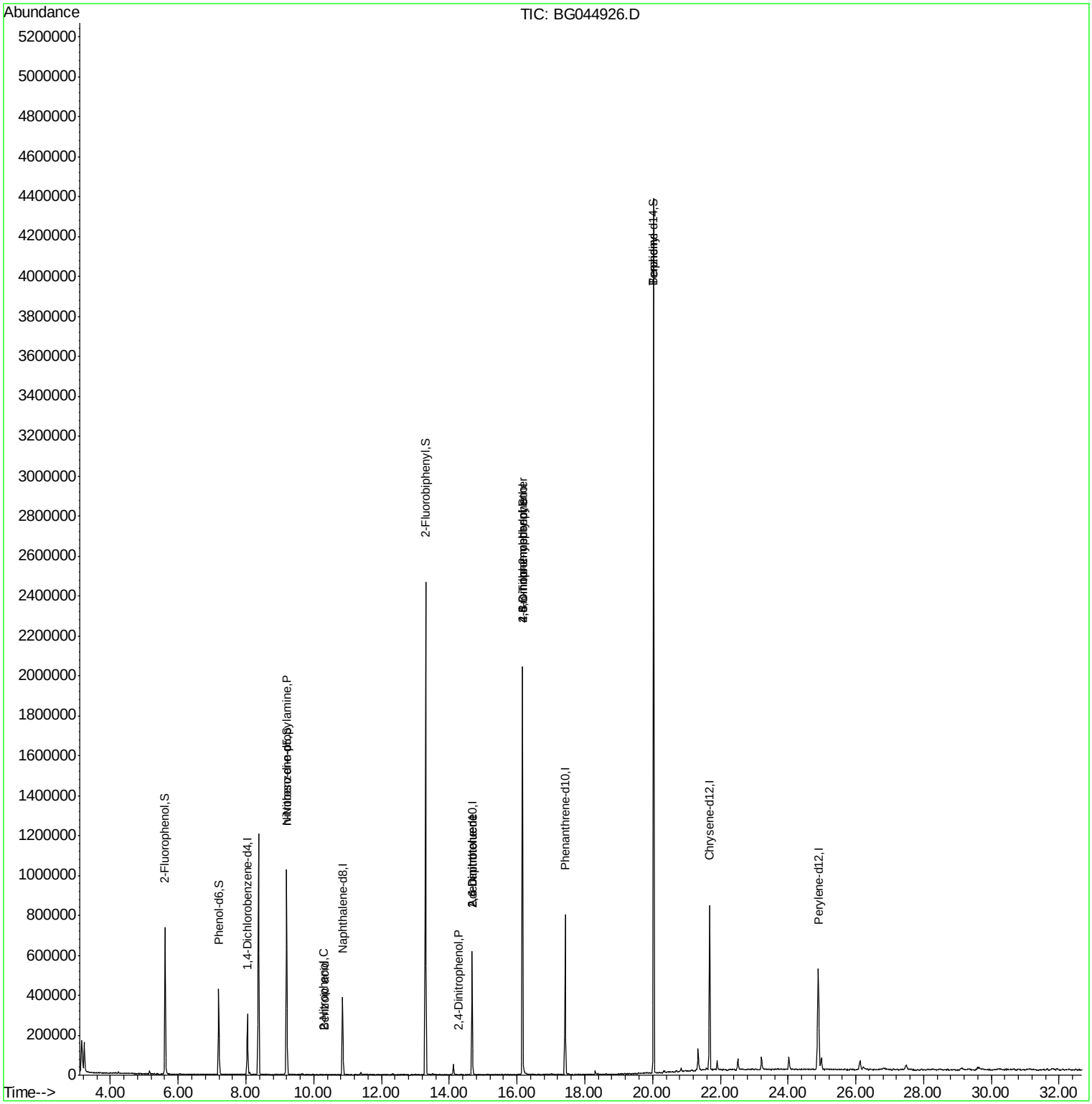
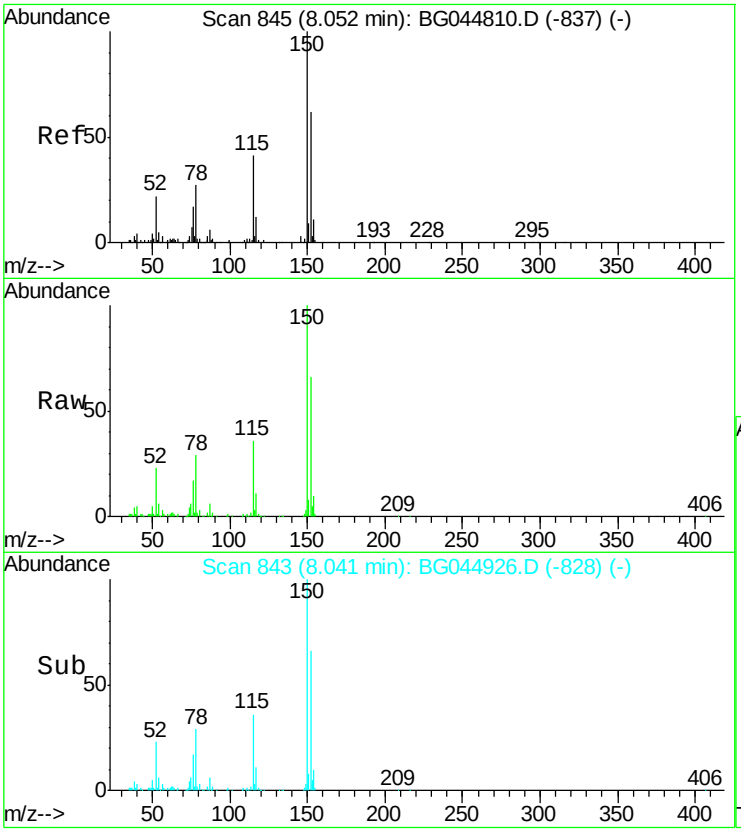


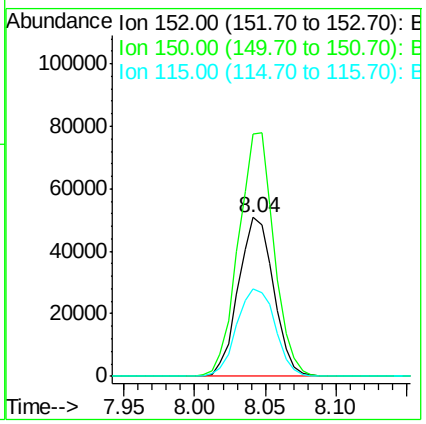


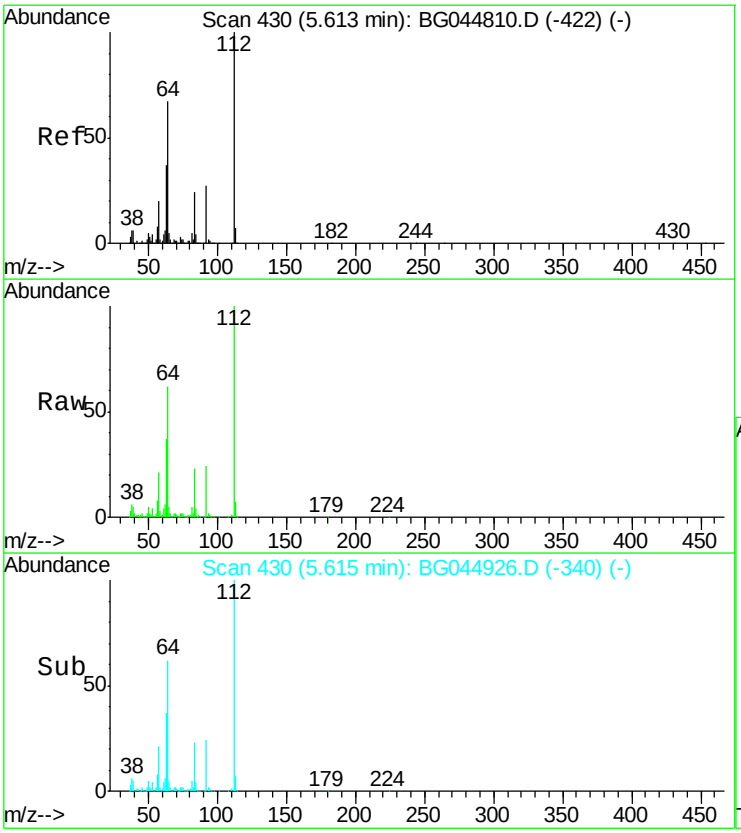
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:152 Resp: 88951

Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.8	193.2
115	55.0	52.6	79.0

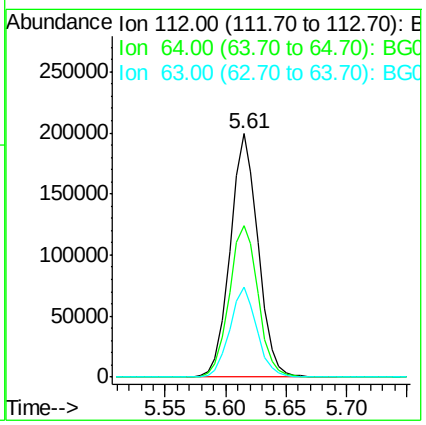


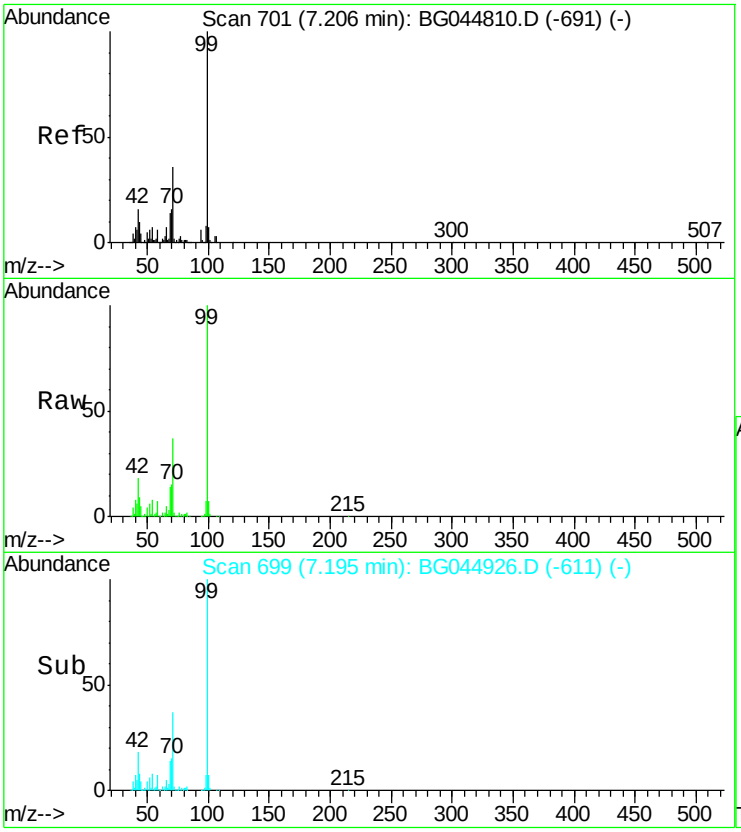


#5
2-Fluorophenol
Concen: 55.97 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:112 Resp: 319831

Ion	Ratio	Lower	Upper
112	100		
64	62.0	53.4	80.2
63	37.2	29.4	44.2



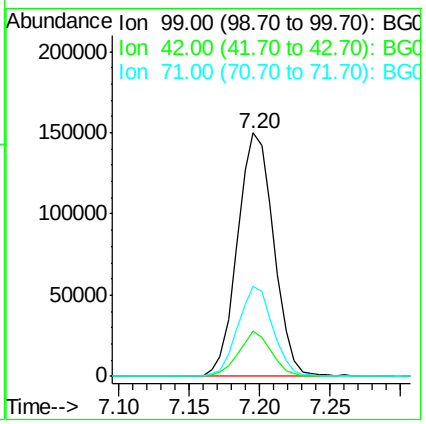


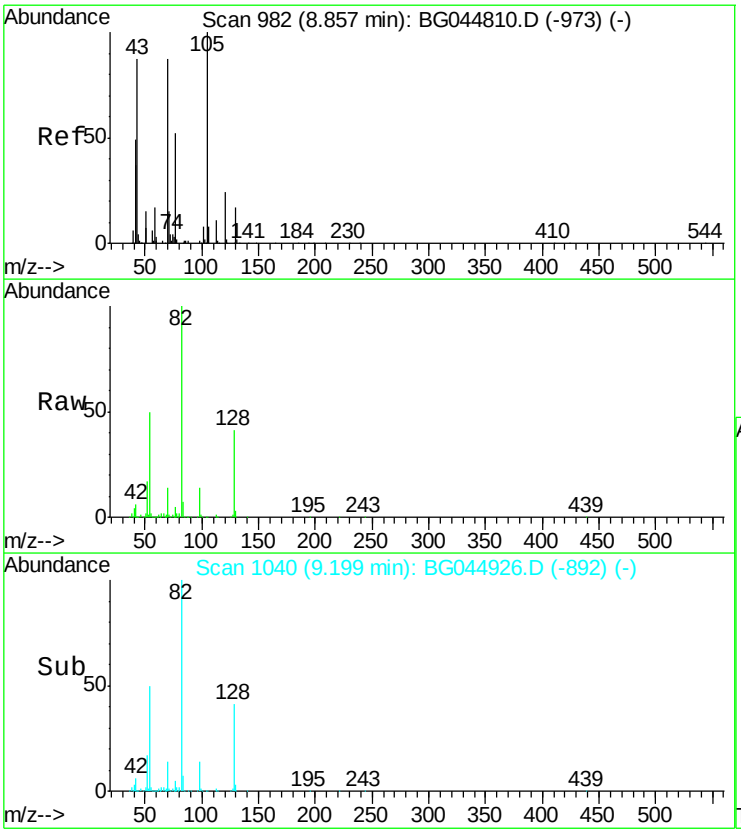
#7
Phenol-d6
Concen: 32.39 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion: 99 Resp: 268910

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.6	19.0
71	36.9	29.0	43.4

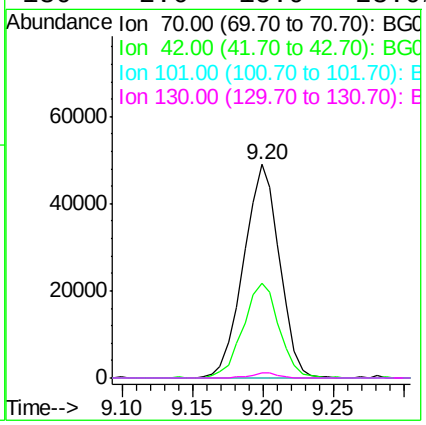


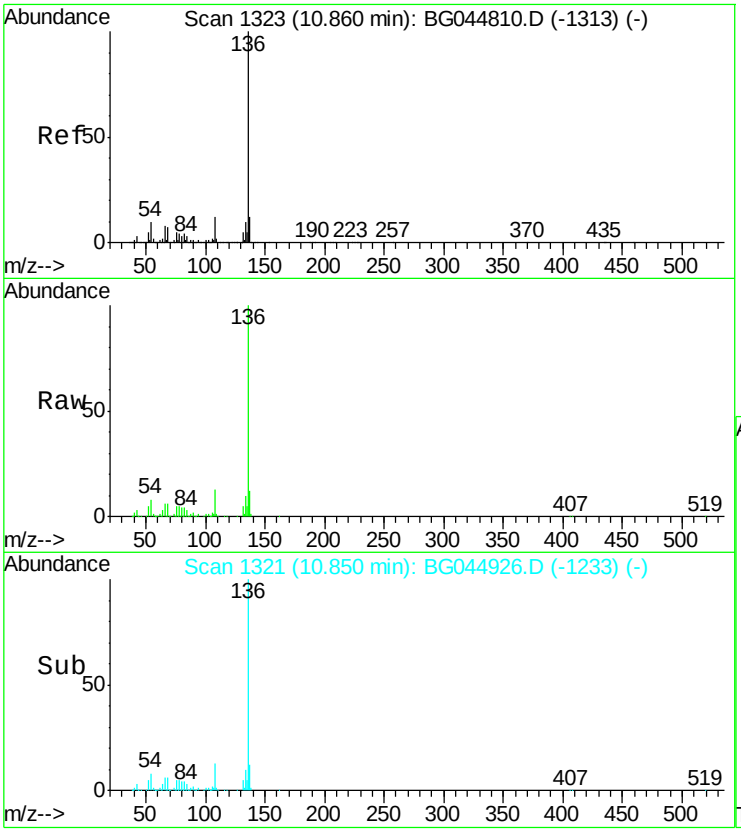


#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion: 70 Resp: 86979

Ion	Ratio	Lower	Upper
70	100		
42	44.4	45.7	68.5#
101	0.0	7.4	11.2#
130	2.6	15.9	23.9#



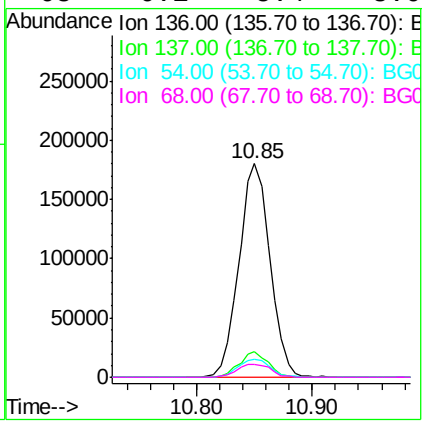


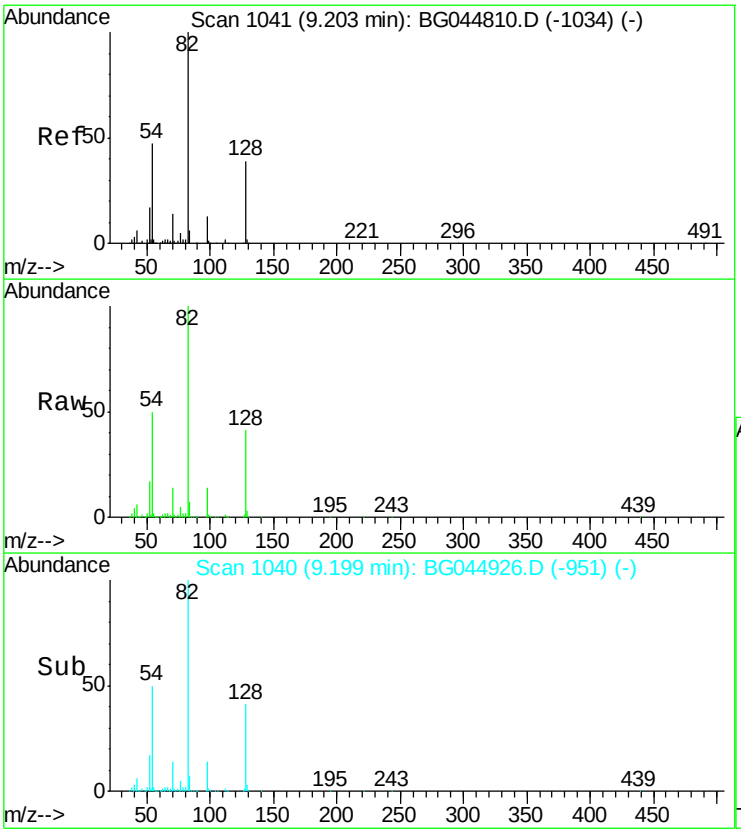
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:136 Resp: 336139

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	8.4	7.9	11.9
68	6.1	5.4	8.0

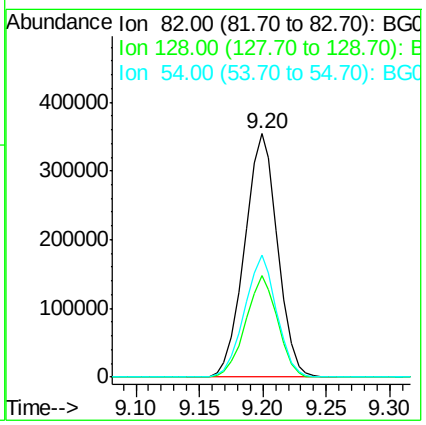


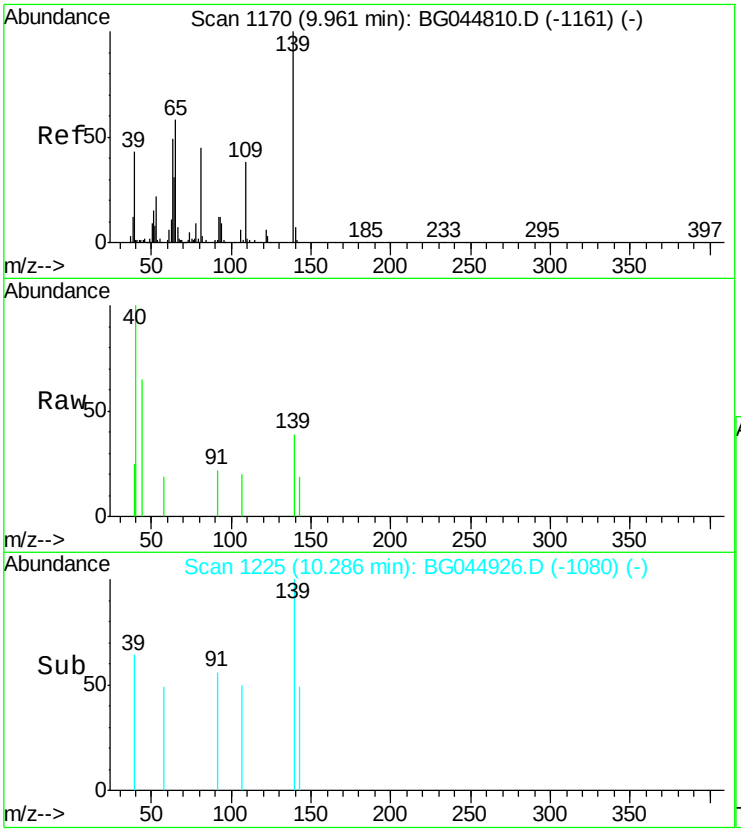


#23
Nitrobenzene-d5
Concen: 83.43 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion: 82 Resp: 639086

Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.6	46.0
54	50.3	37.1	55.7



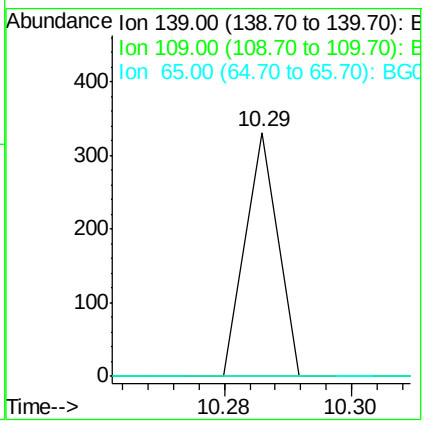


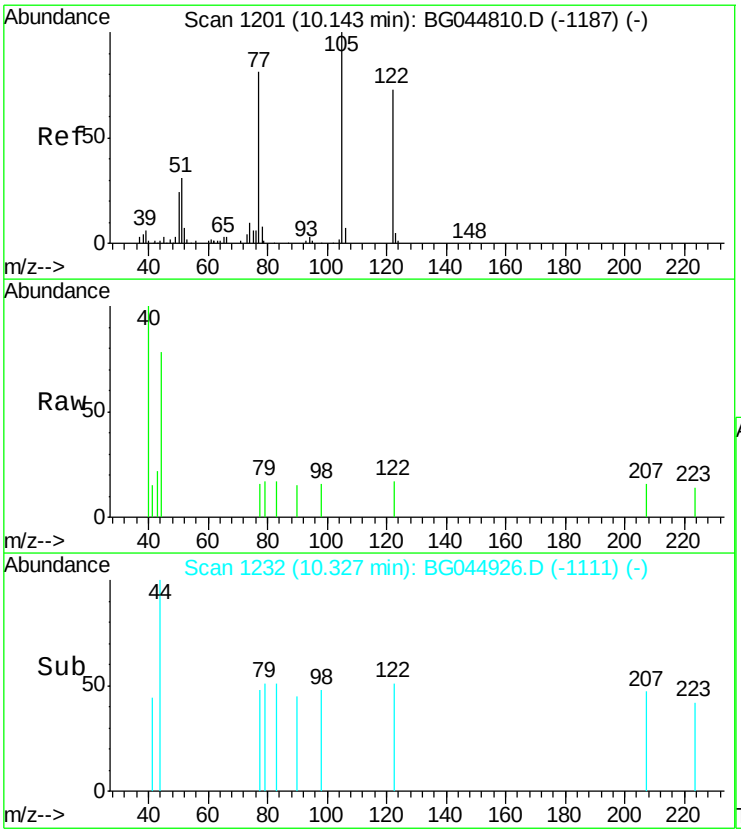
#26
2-Nitrophenol
Concen: 5.55 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.32 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:139 Resp: 117

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

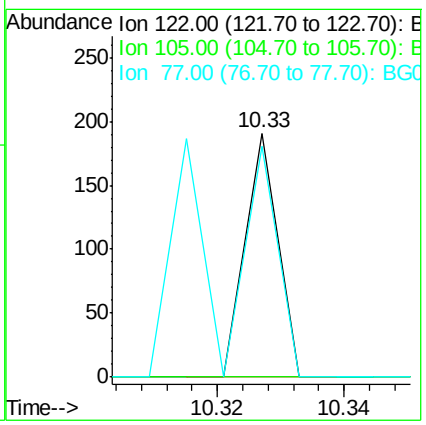


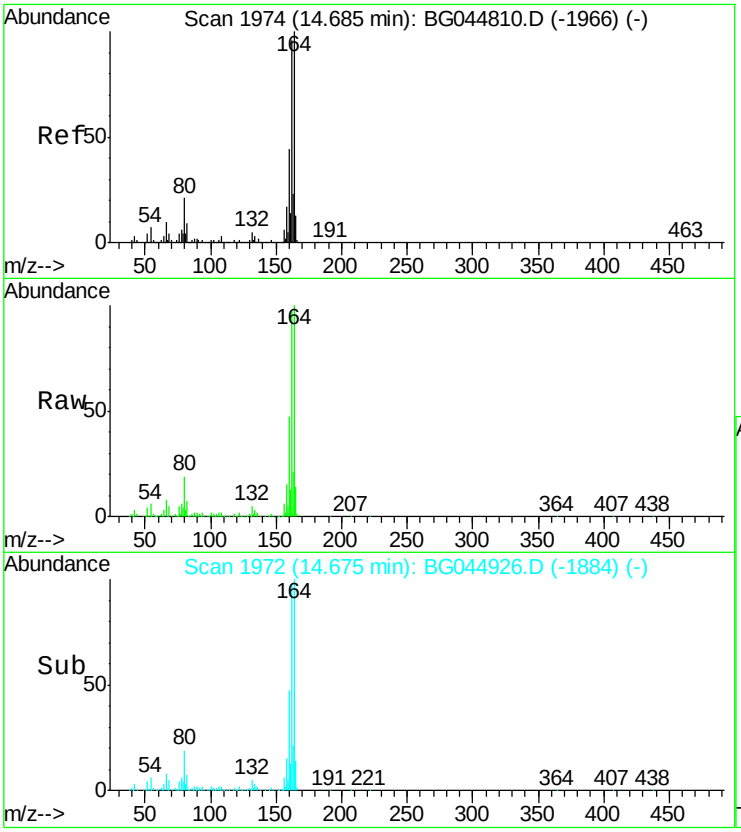


#32
Benzoic acid
Concen: 9.68 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.18 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:122 Resp: 67

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	94.8	85.3	125.3



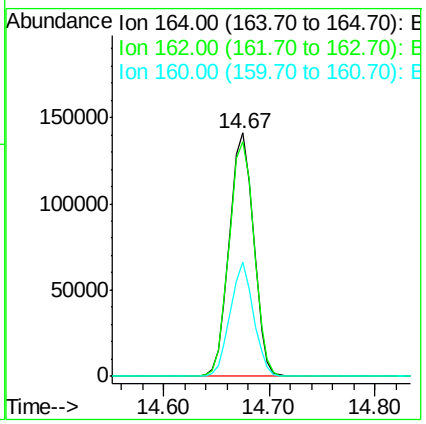


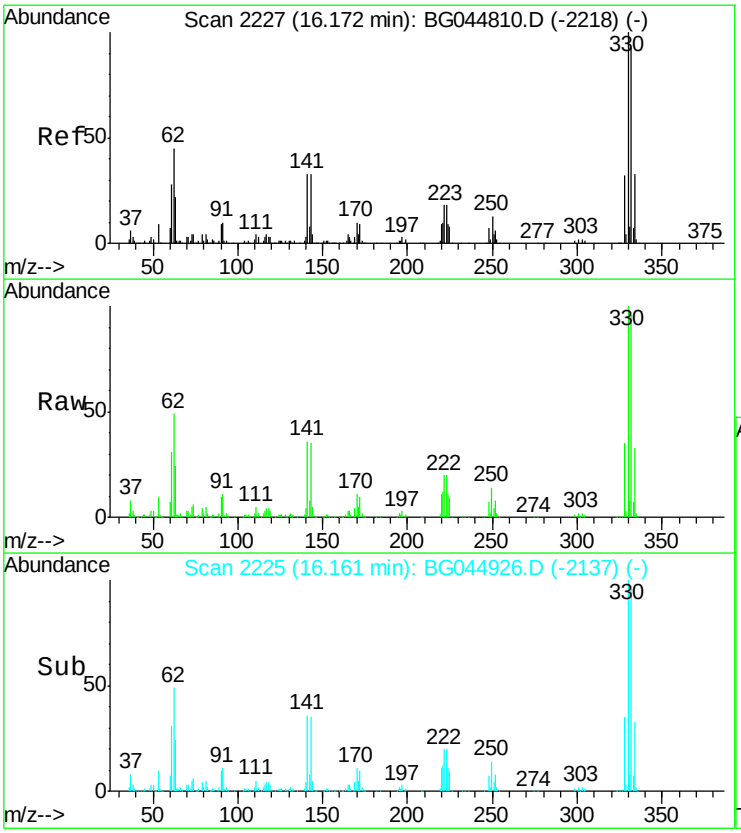
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:164 Resp: 224224

Ion	Ratio	Lower	Upper
164	100		
162	96.5	76.7	115.1
160	47.0	35.0	52.4

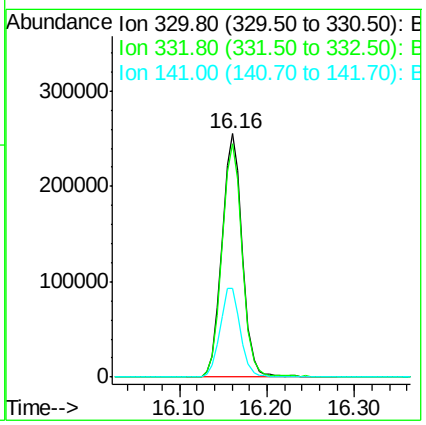


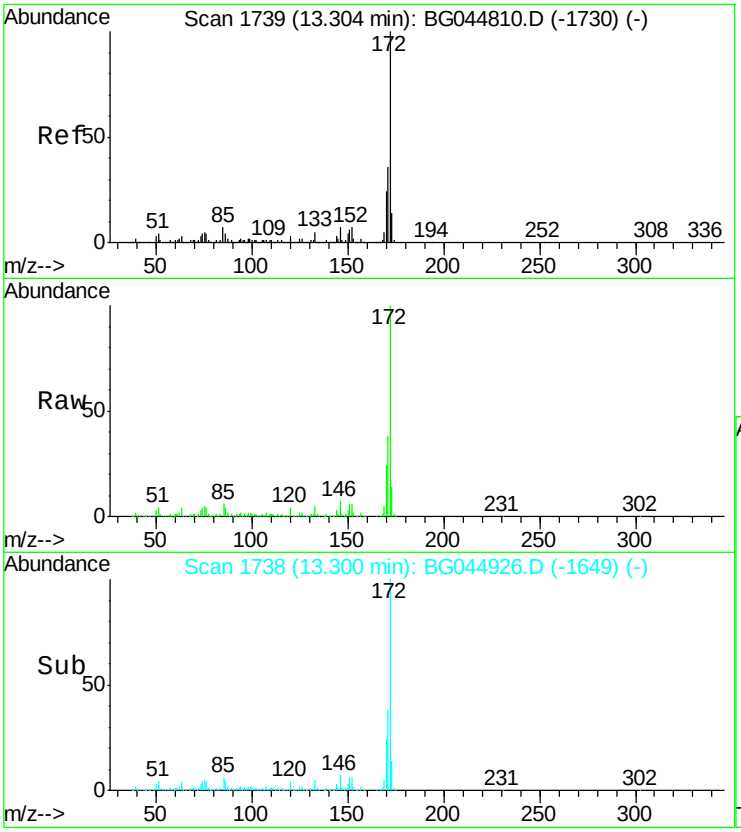


#42
2,4,6-Tribromophenol
Concen: 139.07 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:330 Resp: 408294

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	36.7	29.5	44.3



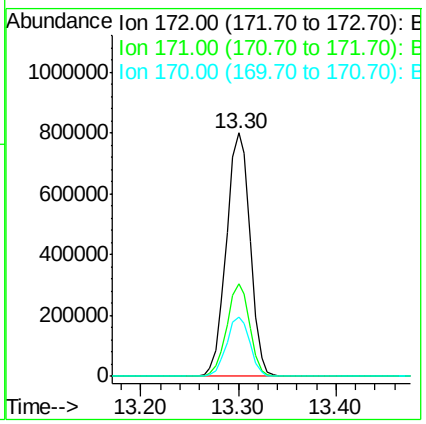


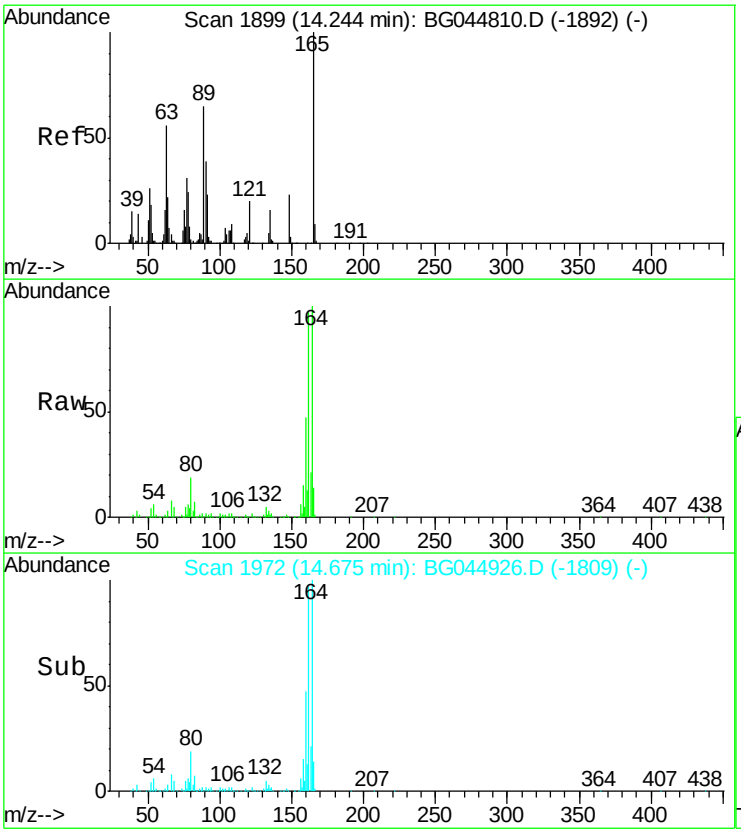
#45
2-Fluorobiphenyl
Concen: 86.01 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:172 Resp: 1346760

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	24.5	19.0	28.6

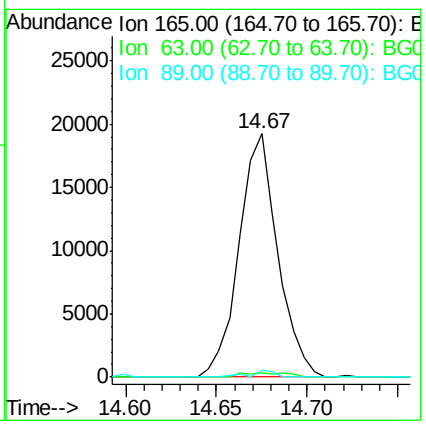


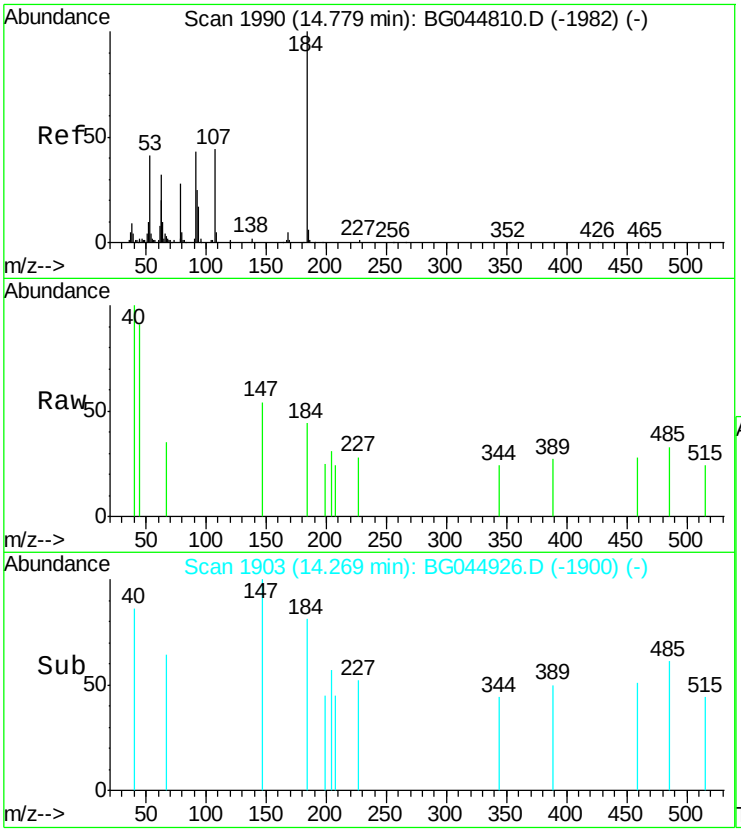


#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:165 Resp: 28445

Ion	Ratio	Lower	Upper
165	100		
63	1.6	45.8	68.8#
89	2.7	51.8	77.6#



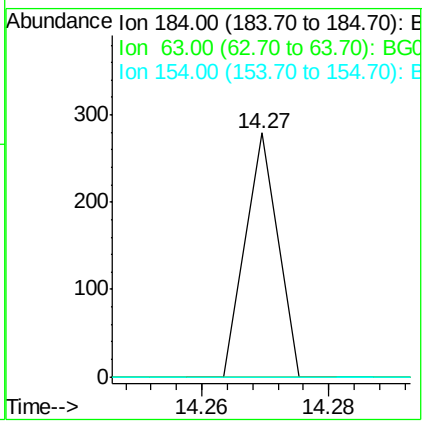


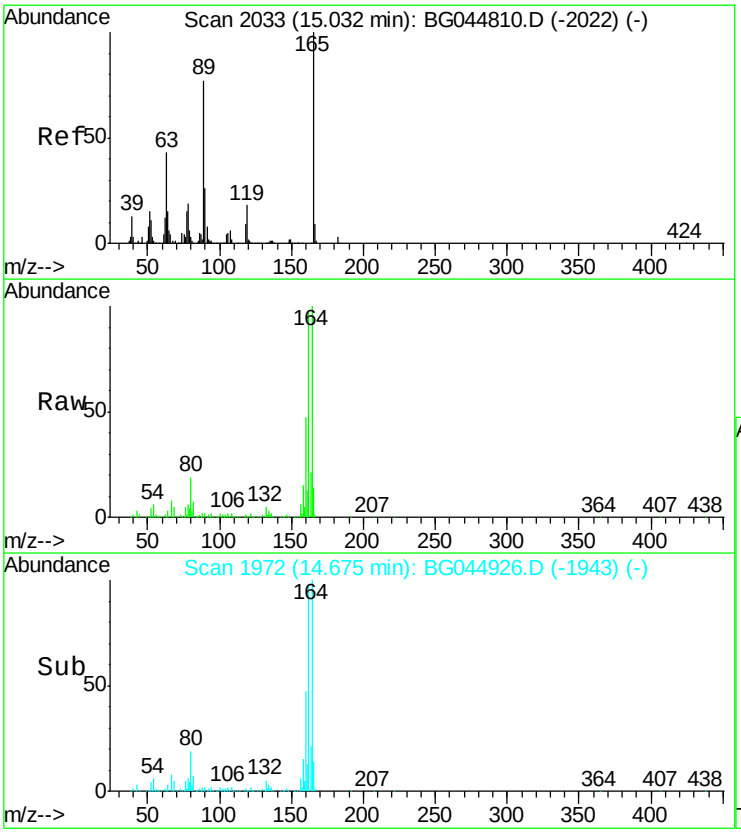
#54
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.51 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:184 Resp: 98

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

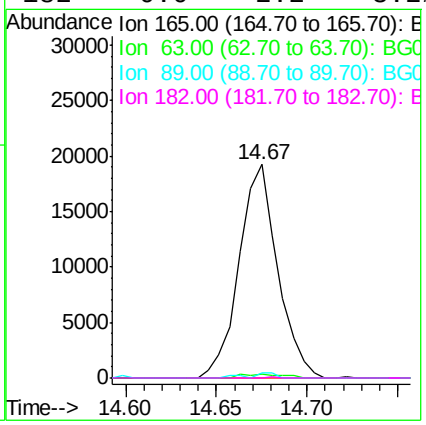


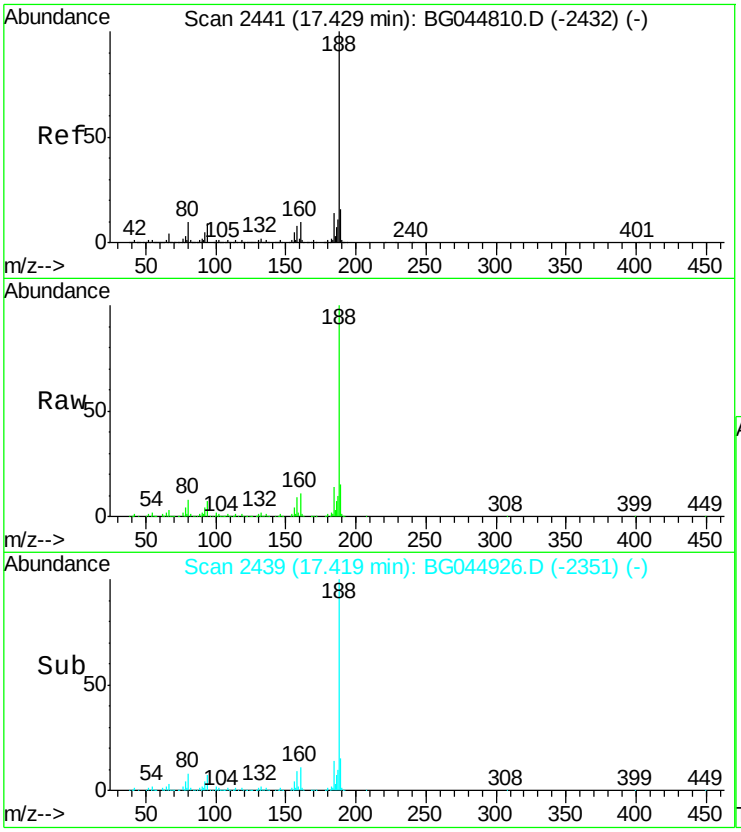


#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:165 Resp: 28445

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	2.7	61.3	91.9#
182	0.0	2.2	3.2#



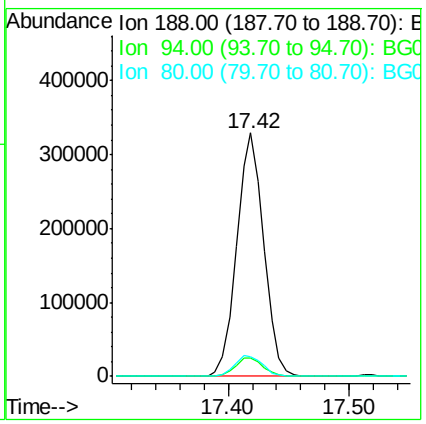


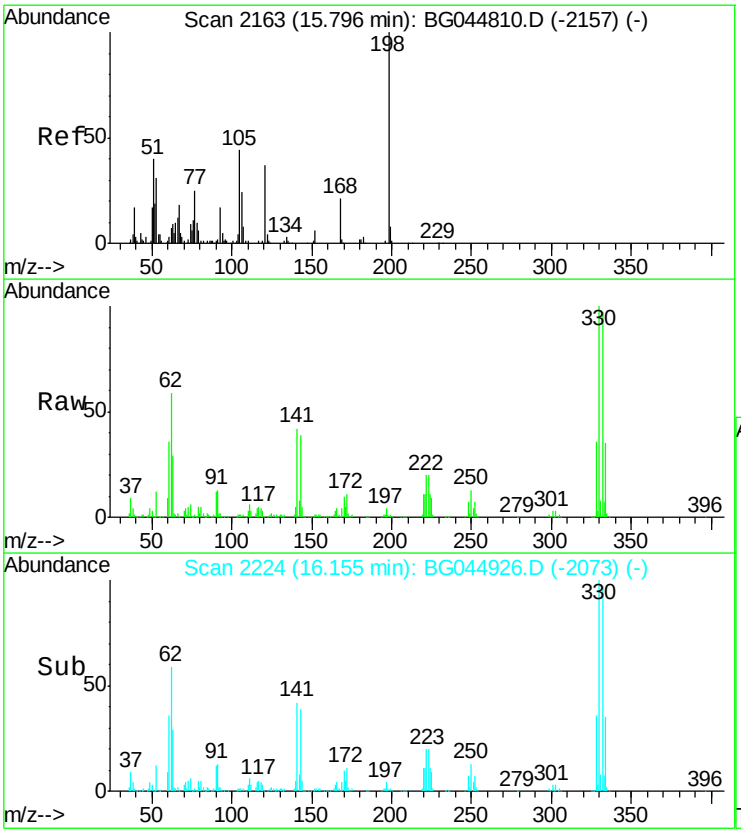
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:188 Resp: 511232

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.3	10.9
80	8.3	8.0	12.0

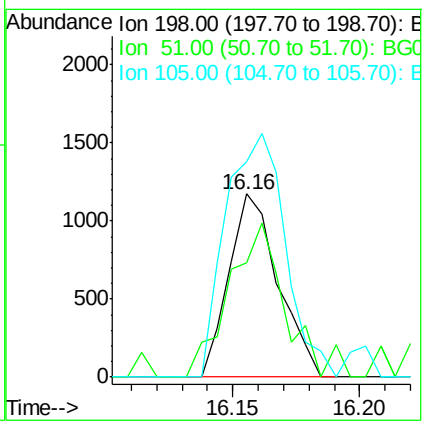


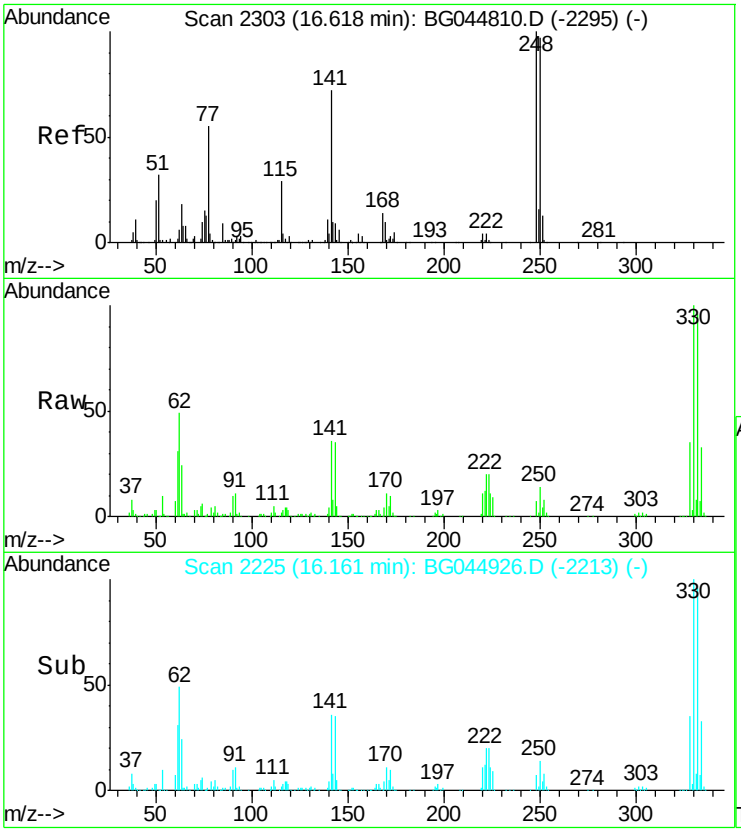


#65
4,6-Dinitro-2-methylphenol
Concen: 8.28 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.36 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:198 Resp: 1584

Ion	Ratio	Lower	Upper
198	100		
51	62.4	21.1	61.1#
105	117.5	24.5	64.5#



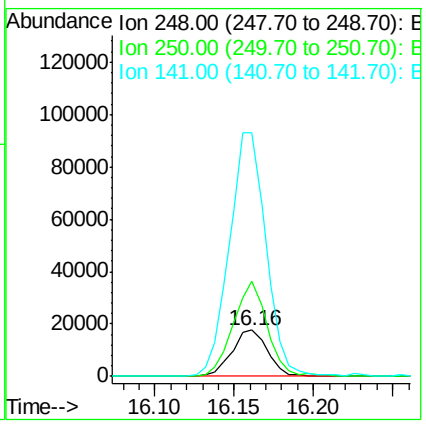


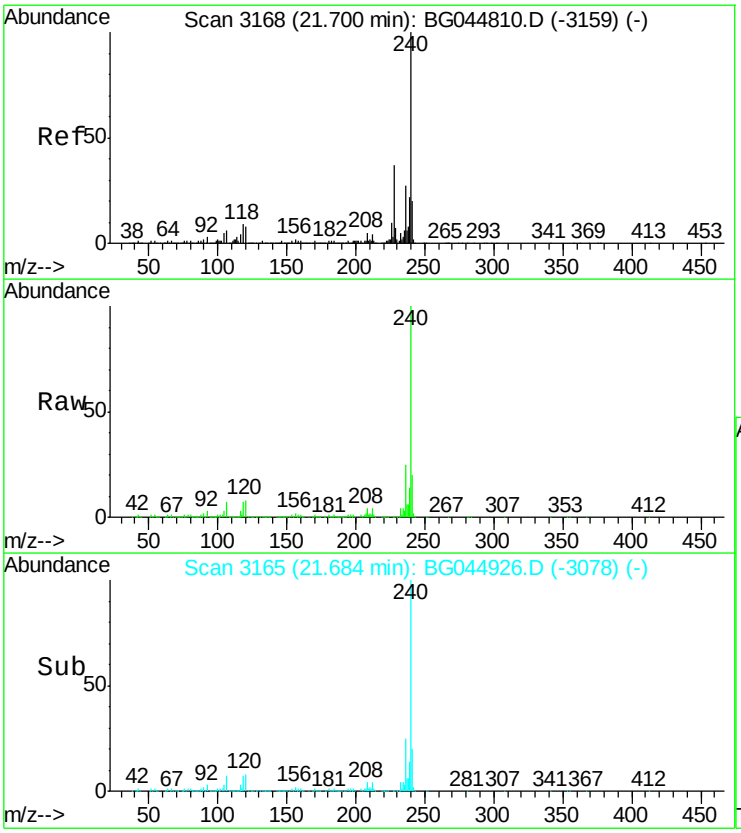
#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:248 Resp: 27540

Ion	Ratio	Lower	Upper
248	100		
250	205.8	77.9	116.9#
141	525.7	57.5	86.3#

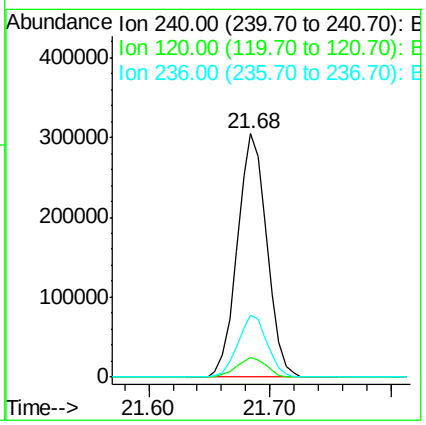


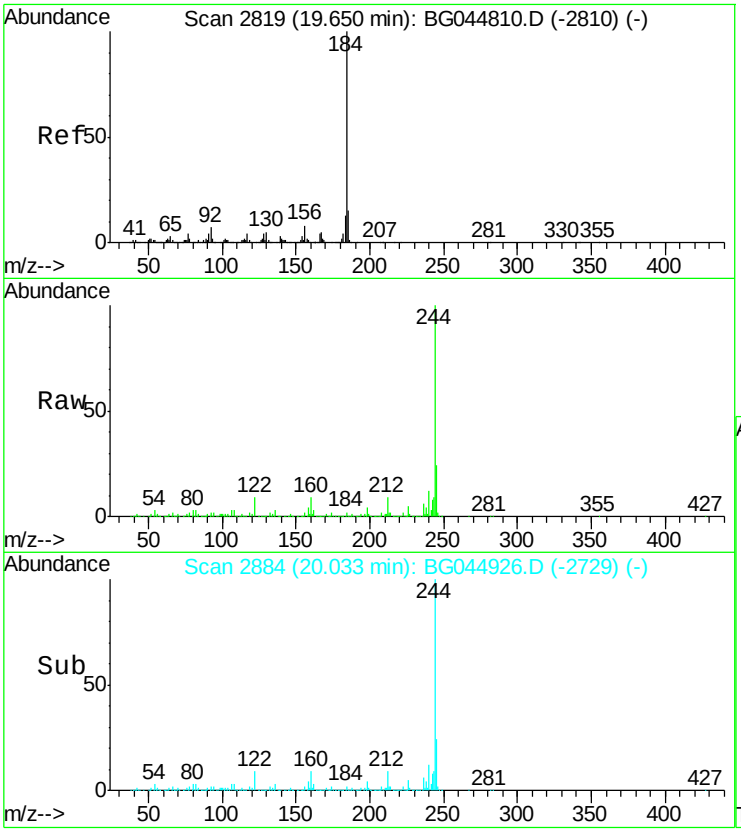


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:240 Resp: 518071

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	25.2	21.5	32.3



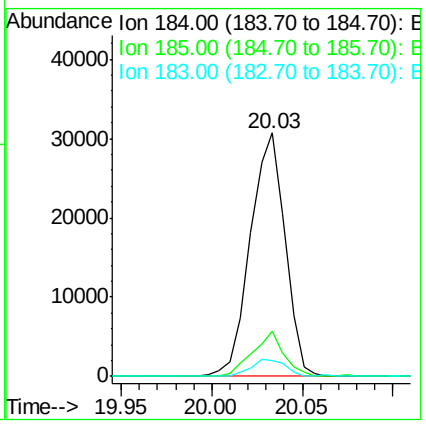


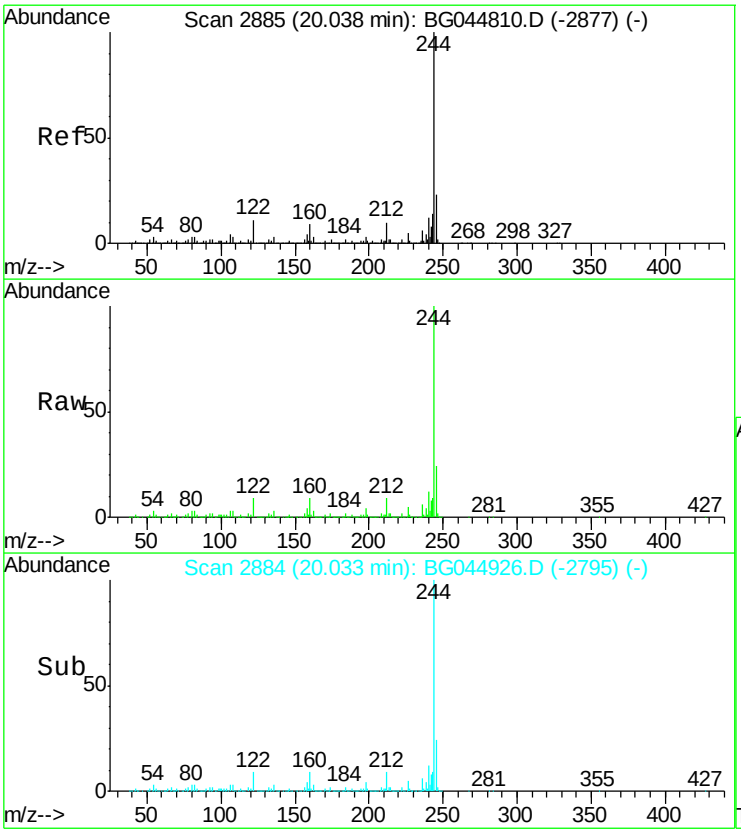
#77
Benzidine
Concen: 2.43 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:184 Resp: 40796

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.2	18.4
183	6.5	10.7	16.1#

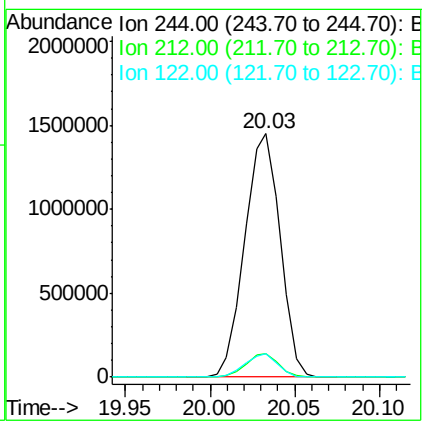


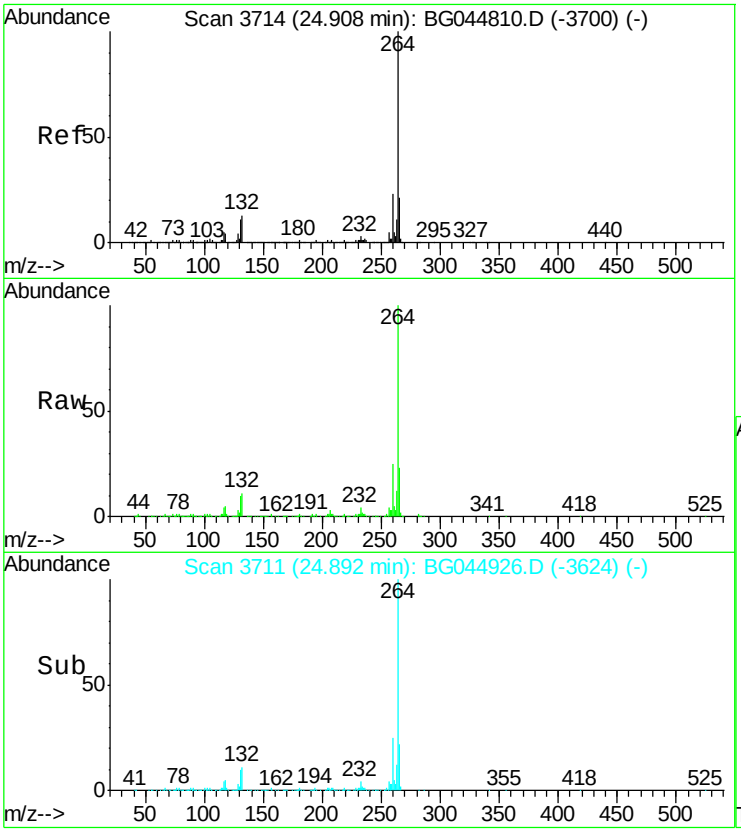


#79
Terphenyl-d14
Concen: 76.33 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:244 Resp: 2114057

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.7	11.5
122	9.4	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tgt Ion:264 Resp: 552680

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.1	27.1
265	22.6	17.1	25.7