Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 18 11:47:19 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	95803	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	376403	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	253616	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	554936	20.00	ng	0.00
76) Chrysene-d12	21.69	240	474312	20.00	ng	-0.01
87) Perylene-d12	24.89	264	551591	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	290406	47.19	ng	0.00
7) Phenol-d6	7.20	99	252175	28.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	707725	82.51	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	449672	135.41	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1475555	83.32	ng	0.00
79) Terphenyl-d14	20.03	244	2113334	83.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	918	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	97151	15.387	ng	# 73
26) 2-Nitrophenol	10.28	139	67	5.534	ng	# 28
32) Benzoic acid	10.10	122	108	9.690	ng	# 1
50) Dimethylphthalate	14.12	163	206391	10.218	ng	99
57) 2,4-Dinitrotoluene	14.67	165	33005	5.911	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.49	198	65	7.749	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	30829	4.444	ng	# 1
77) Benzidine	20.04	184	41378	2.687	ng	# 92

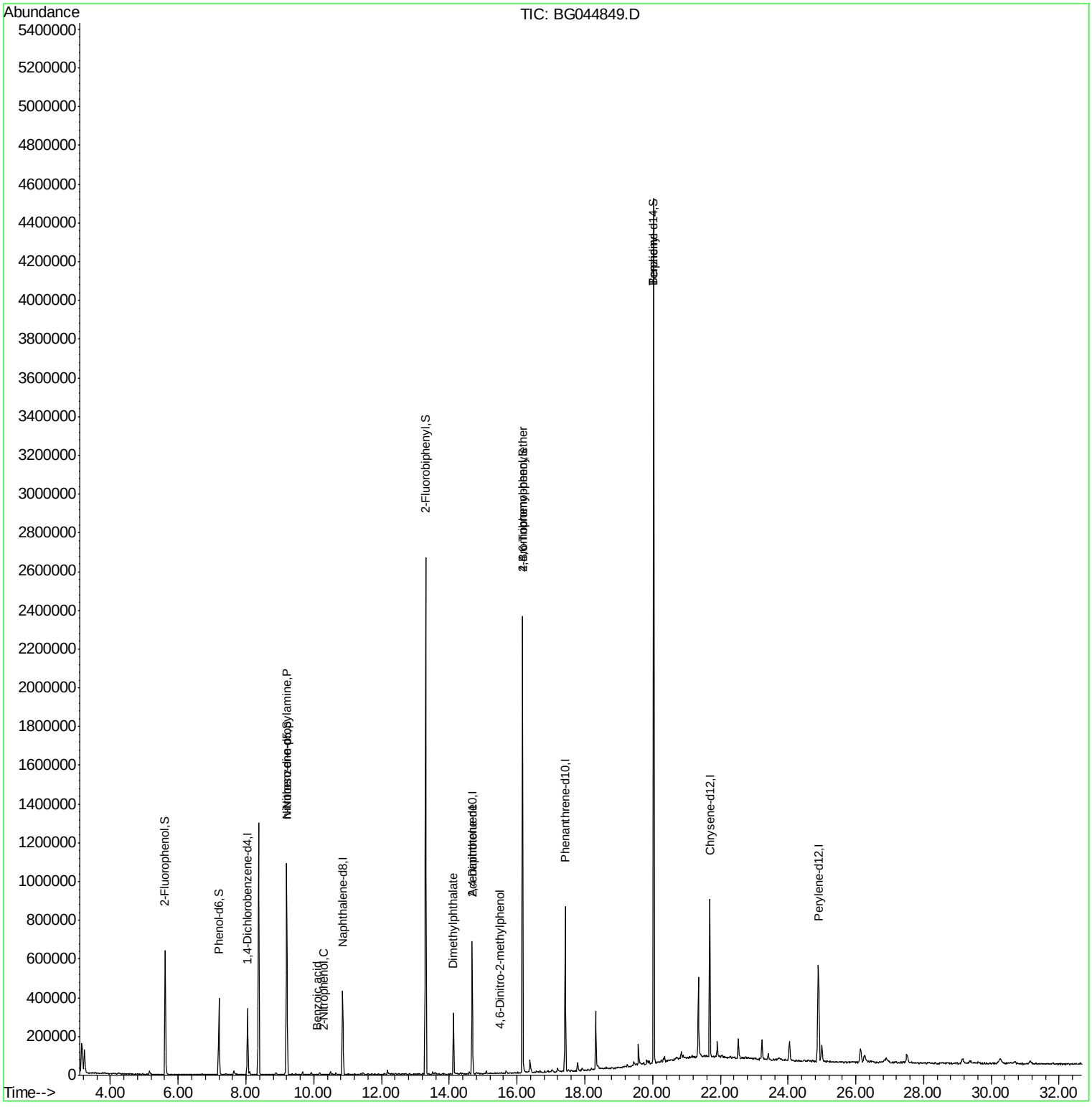
(#) = qualifier out of range (m) = manual integration (+) = signals summed

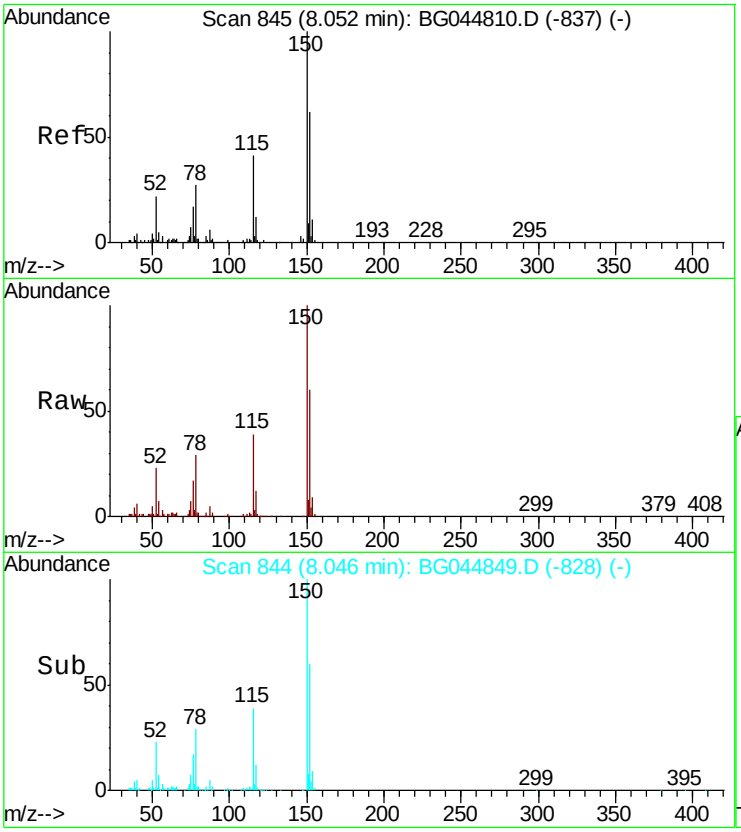
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044849.D
Acq On : 18 Mar 2020 1:46
Operator : CG/JU
Sample : L1917-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 11:47:19 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



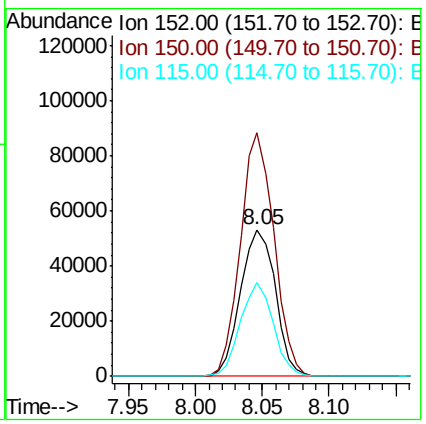


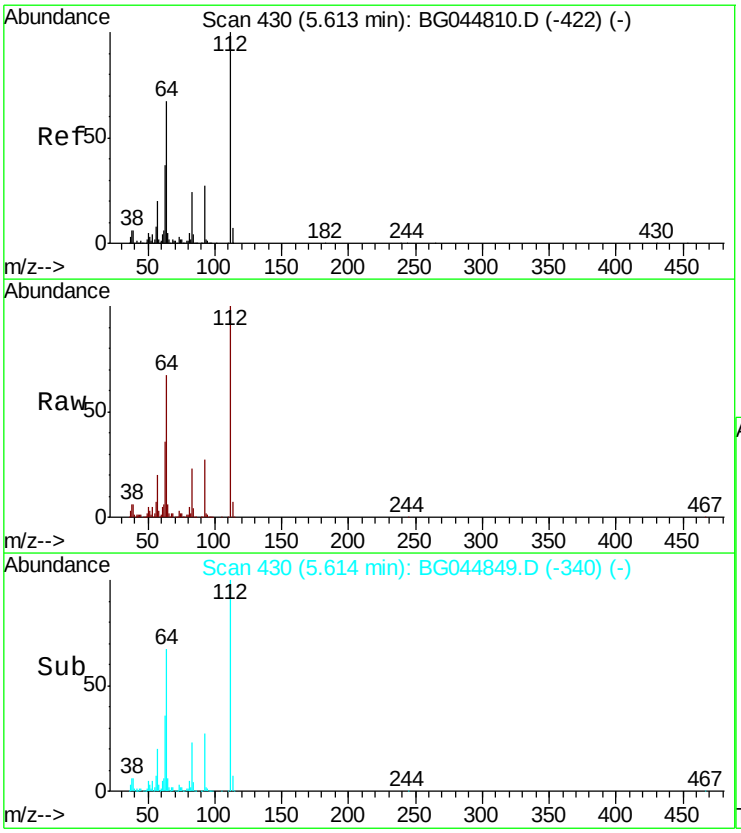
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 95803

Ion	Ratio	Lower	Upper
152	100		
150	165.7	128.8	193.2
115	63.8	52.6	79.0

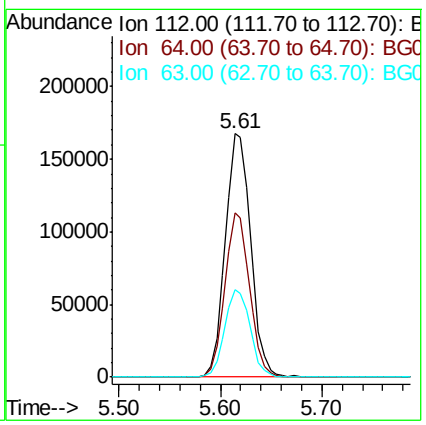


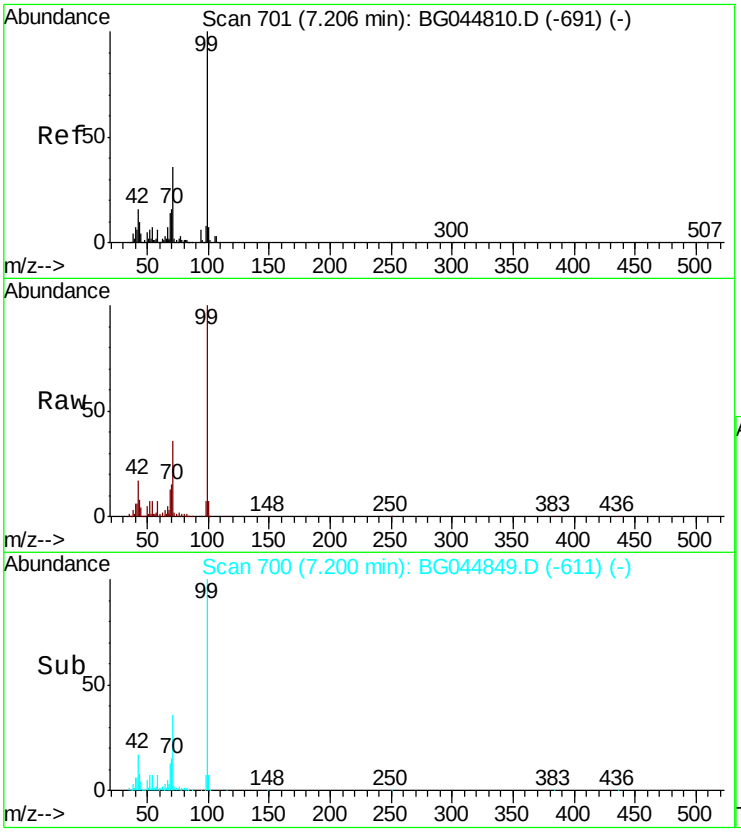


#5
2-Fluorophenol
Concen: 47.188 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:112 Resp: 290406

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.4	80.2
63	36.1	29.4	44.2



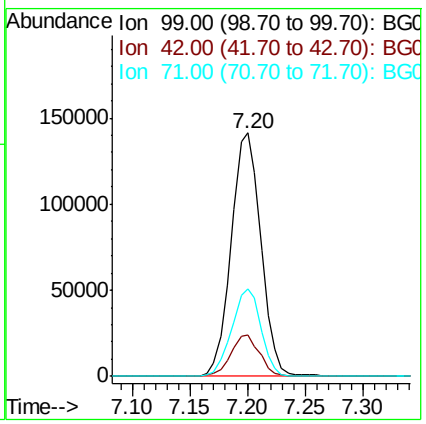


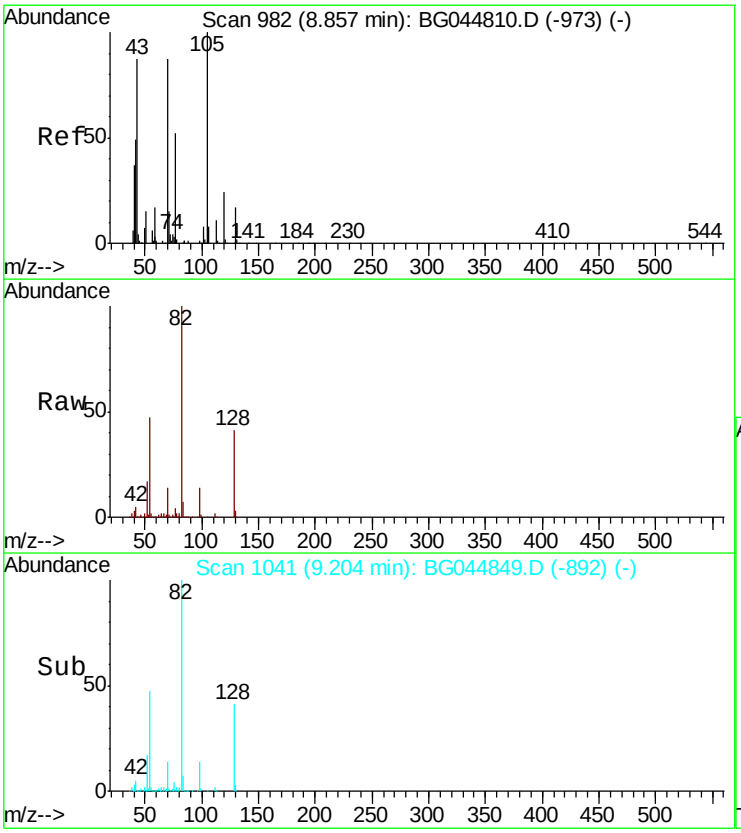
#7
Phenol-d6
Concen: 28.202 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 252175

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.6	19.0
71	35.7	29.0	43.4

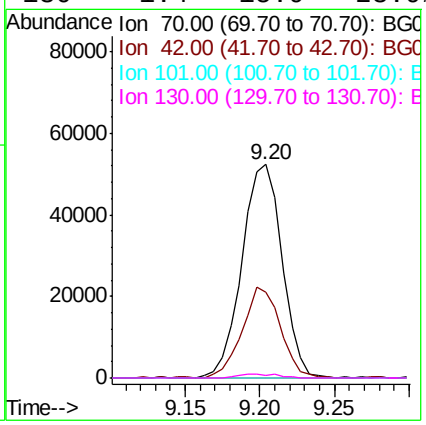


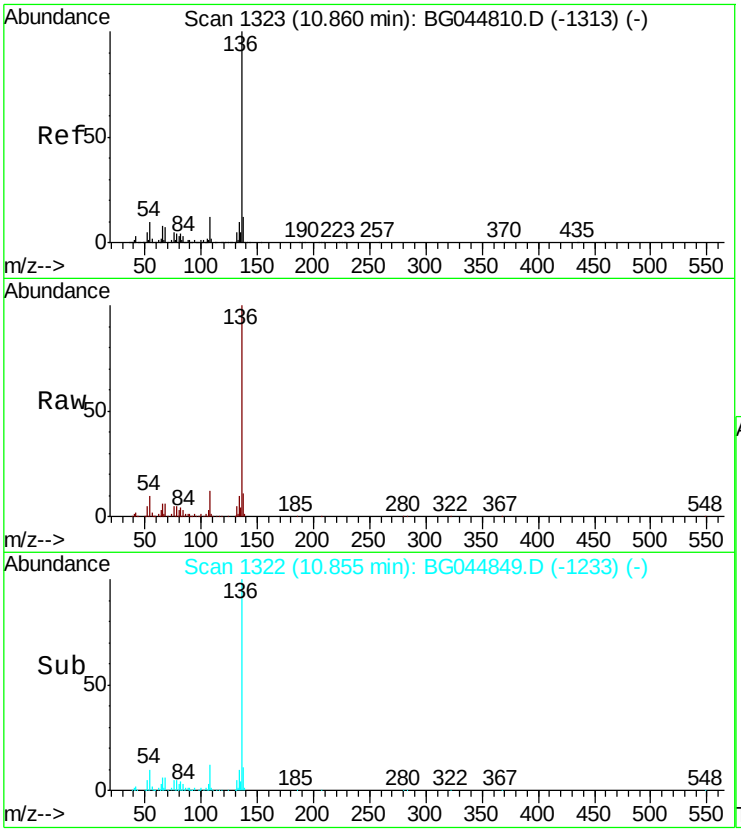


#19
n-Nitroso-di-n-propylamine
Concen: 15.387 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion: 70 Resp: 97151

Ion	Ratio	Lower	Upper
70	100		
42	40.2	45.7	68.5#
101	0.0	7.4	11.2#
130	1.4	15.9	23.9#



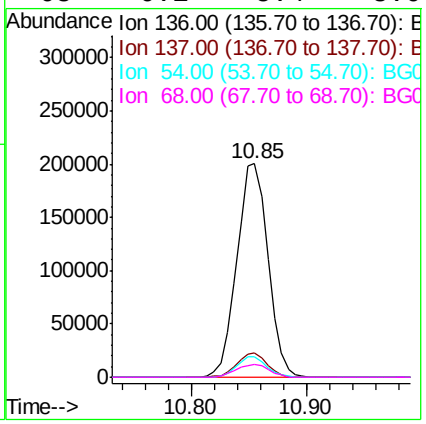


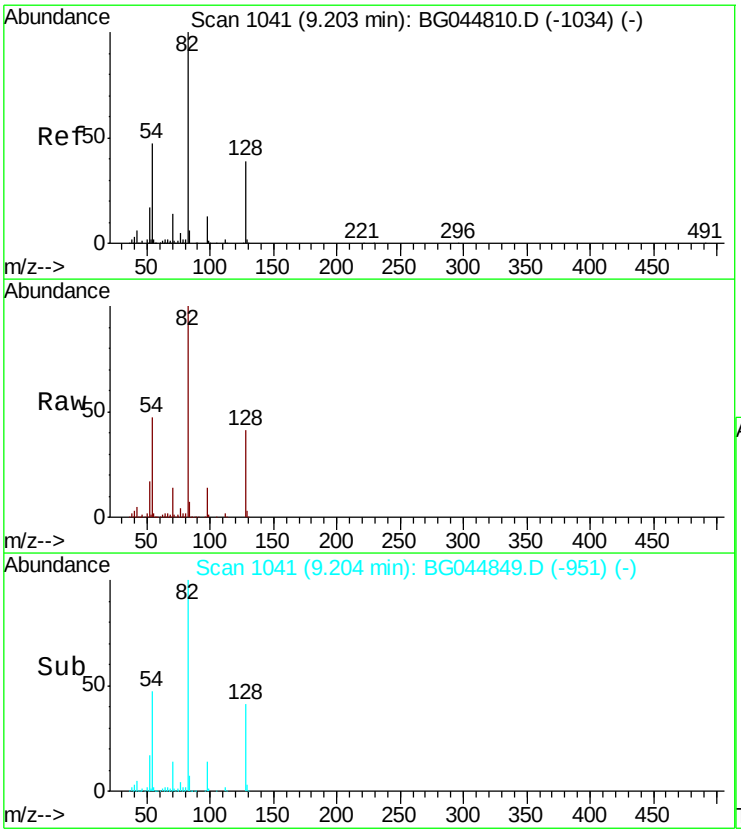
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 376403

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	9.5	7.9	11.9
68	6.1	5.4	8.0

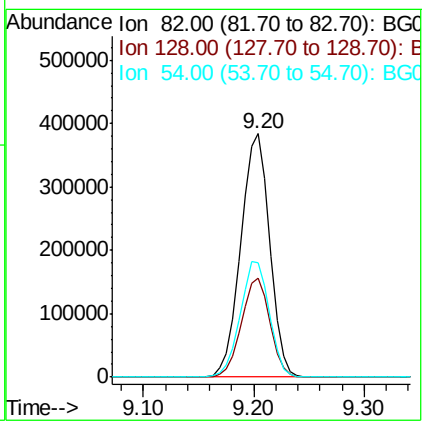


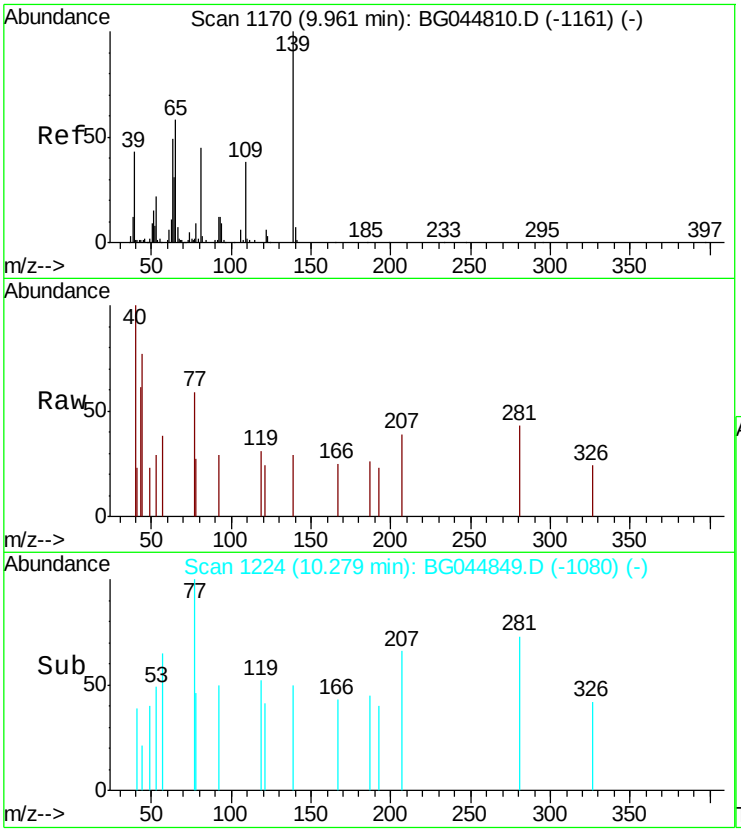


#23
Nitrobenzene-d5
Concen: 82.507 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion: 82 Resp: 707725

Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.6	46.0
54	46.9	37.1	55.7



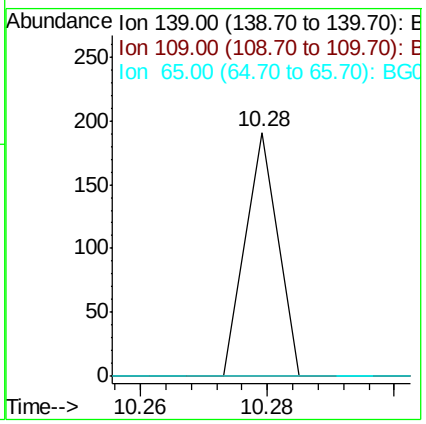


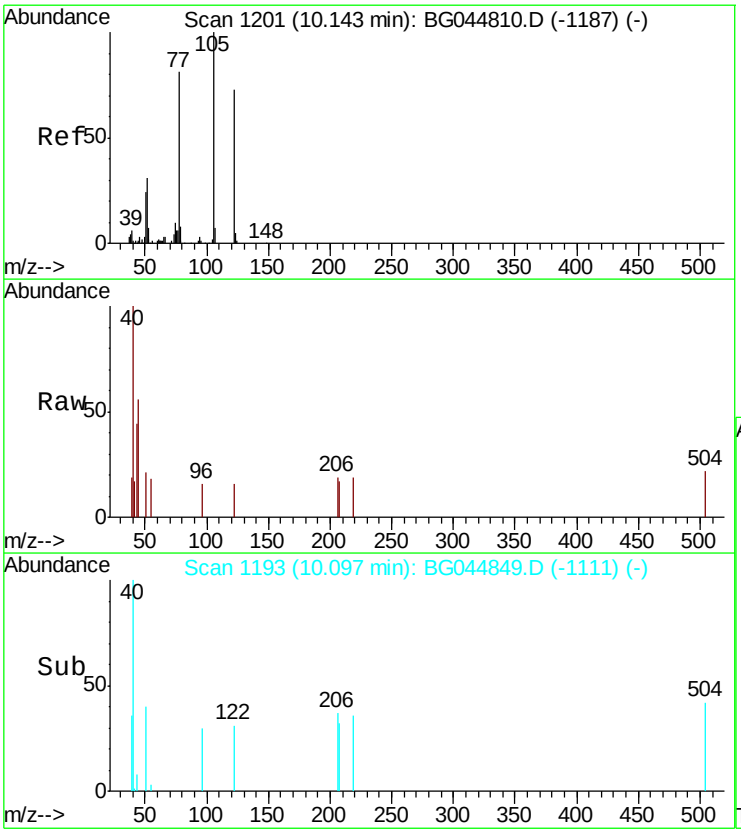
#26
2-Nitrophenol
Concen: 5.534 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.32 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:139 Resp: 67

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

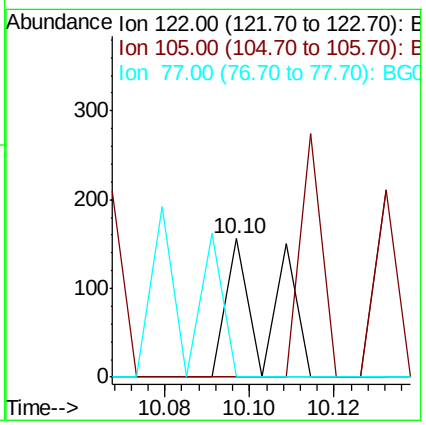


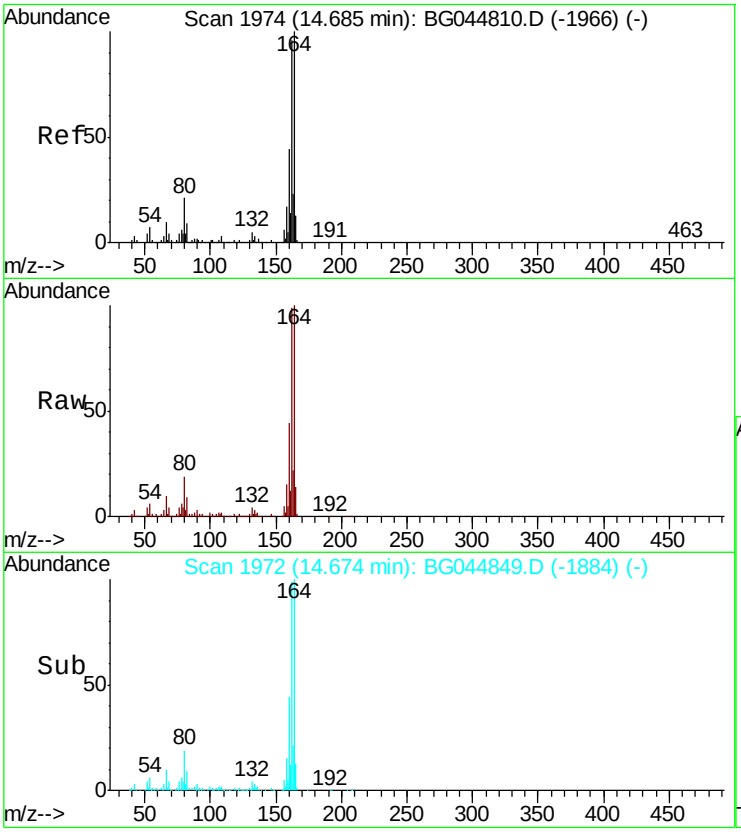


#32
Benzoic acid
Concen: 9.690 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.05 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:122 Resp: 108

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



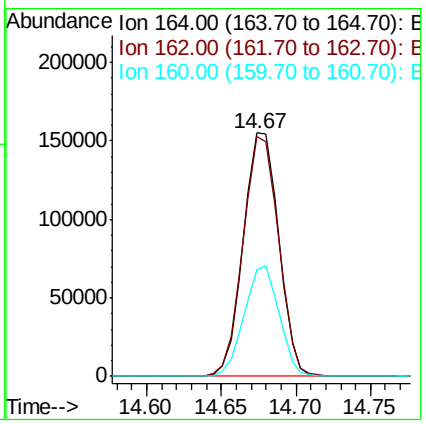


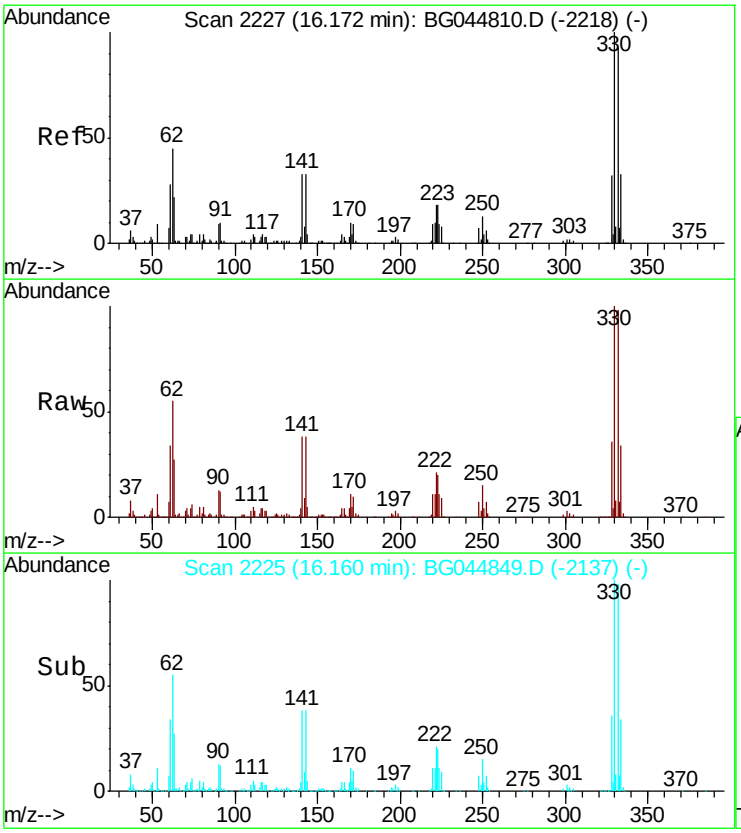
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 253616

Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.7	115.1
160	44.0	35.0	52.4

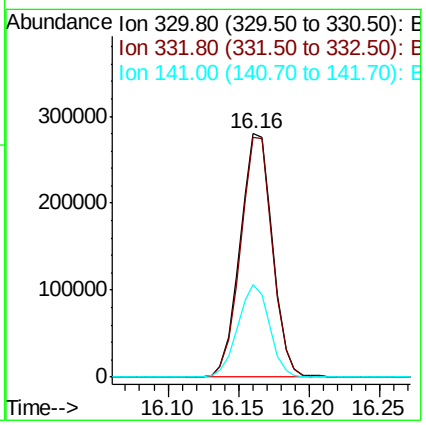


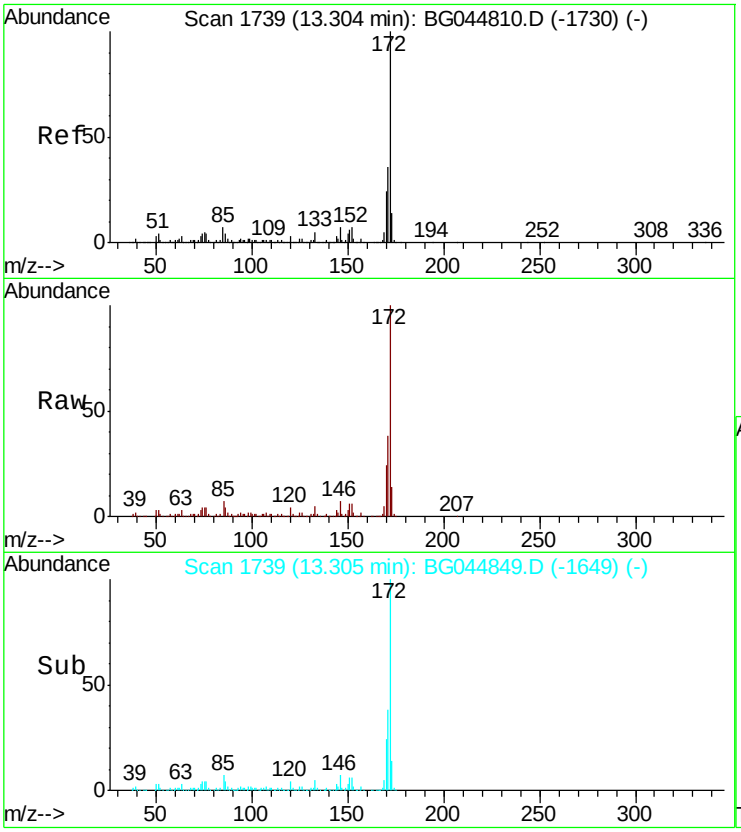


#42
2,4,6-Tribromophenol
Concen: 135.414 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:330 Resp: 449672

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	37.0	29.5	44.3



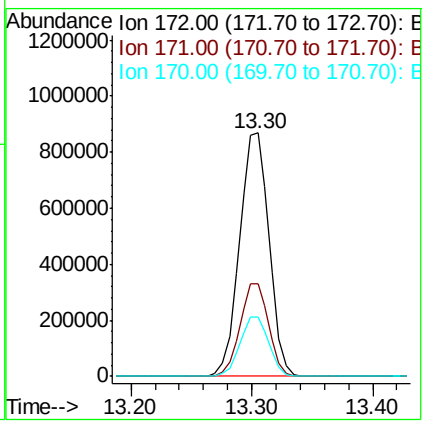


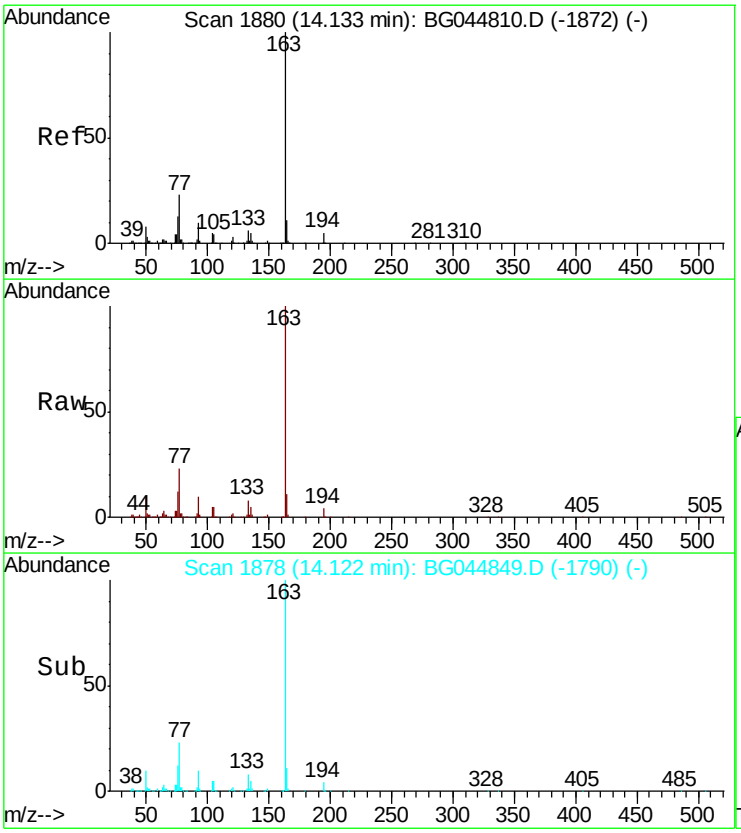
#45
2-Fluorobiphenyl
Concen: 83.317 ng
RT: 13.30 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1475555

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.7	43.1
170	24.3	19.0	28.6

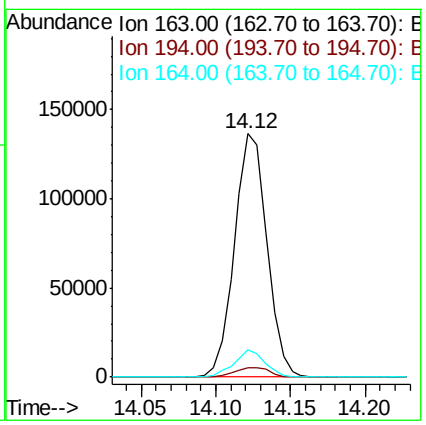


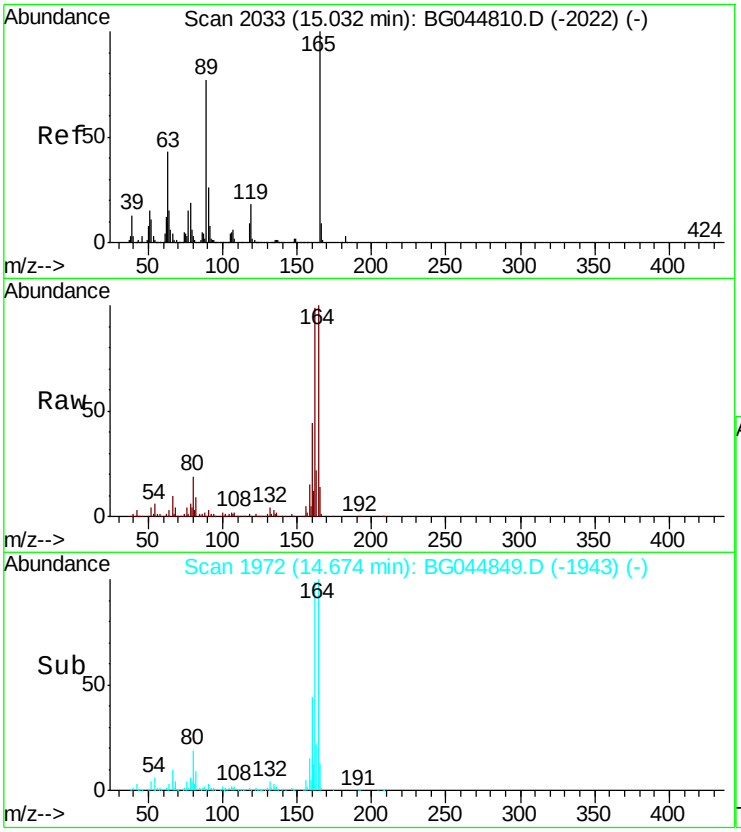


#50
Dimethylphthalate
Concen: 10.218 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:163 Resp: 206391

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	11.2	9.1	13.7



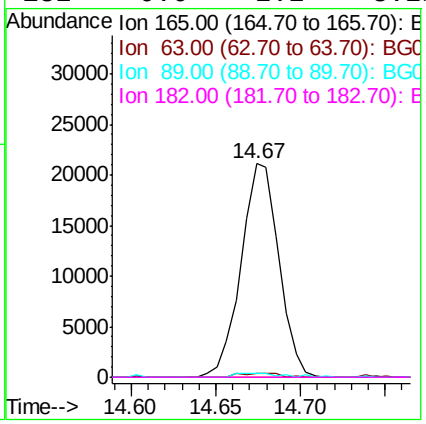


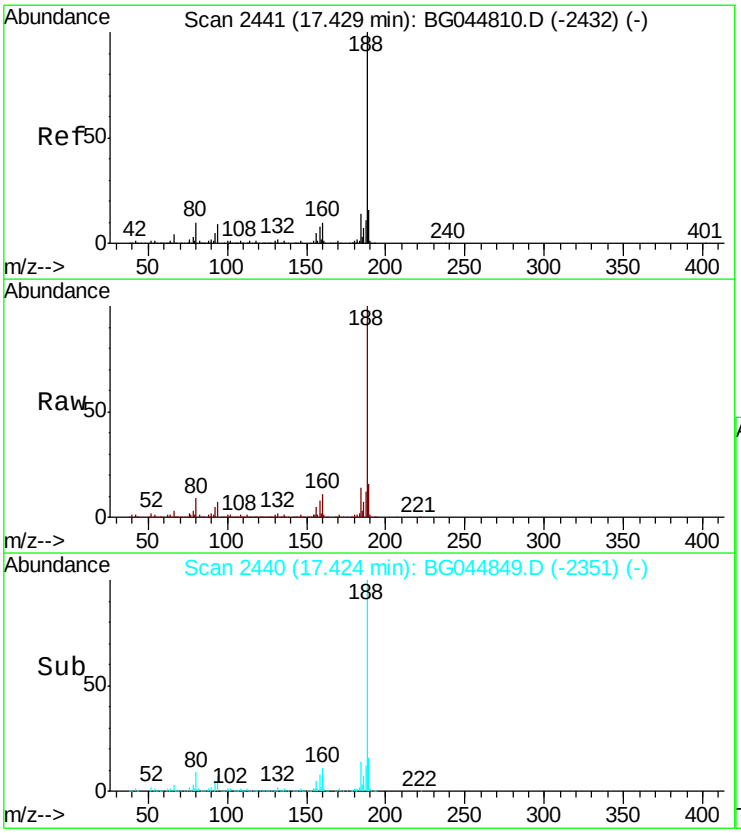
#57
2,4-Dinitrotoluene
Concen: 5.911 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 33005

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	1.8	61.3	91.9#
182	0.0	2.2	3.2#

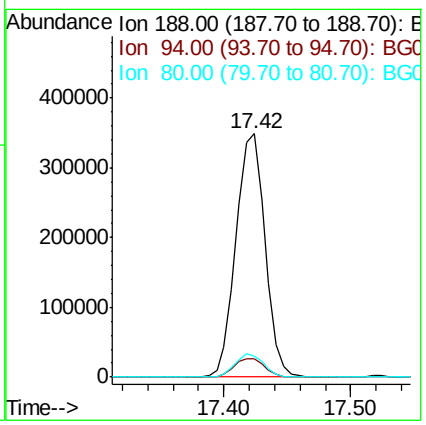


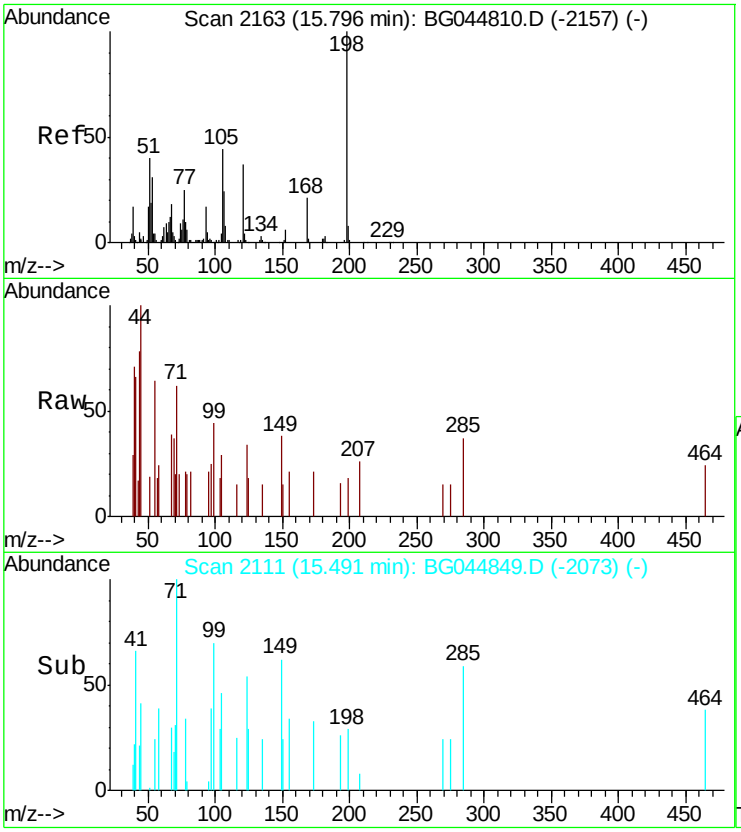


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:188 Resp: 554936

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.3	10.9
80	8.7	8.0	12.0



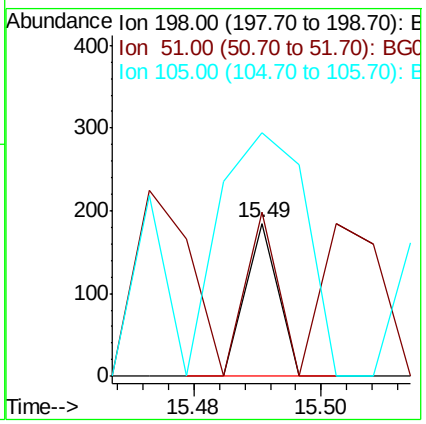


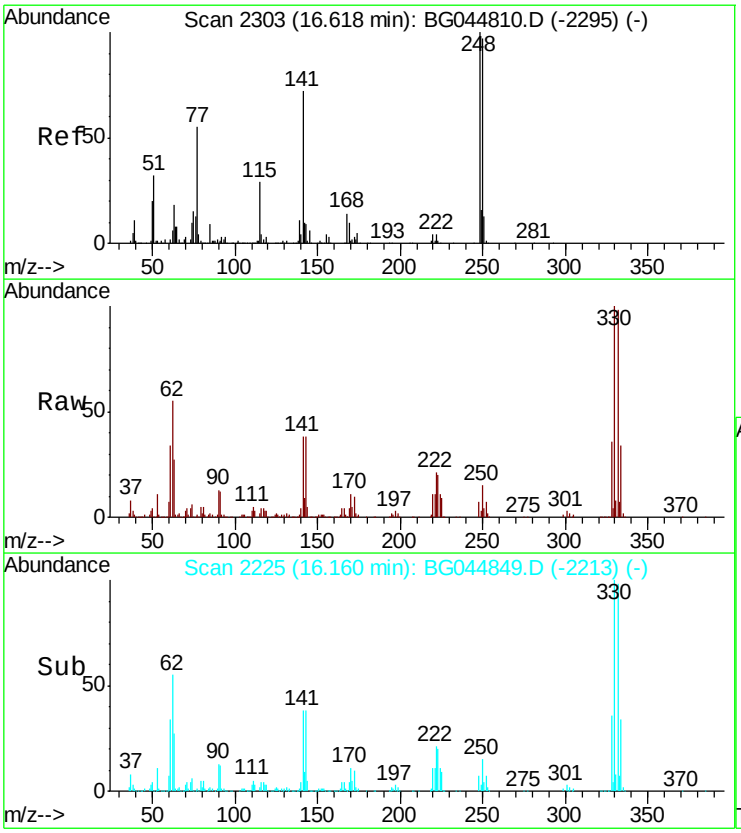
#65
4,6-Dinitro-2-methylphenol
Concen: 7.749 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.30 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 65

Ion	Ratio	Lower	Upper
198	100		
51	107.6	21.1	61.1#
105	158.9	24.5	64.5#

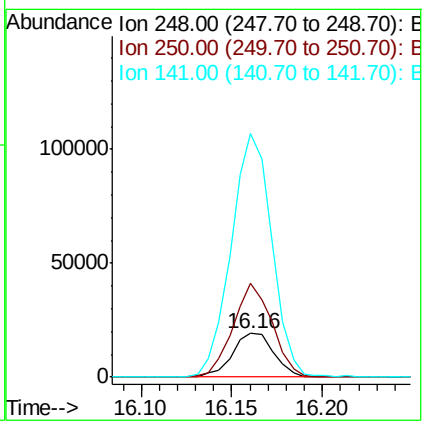


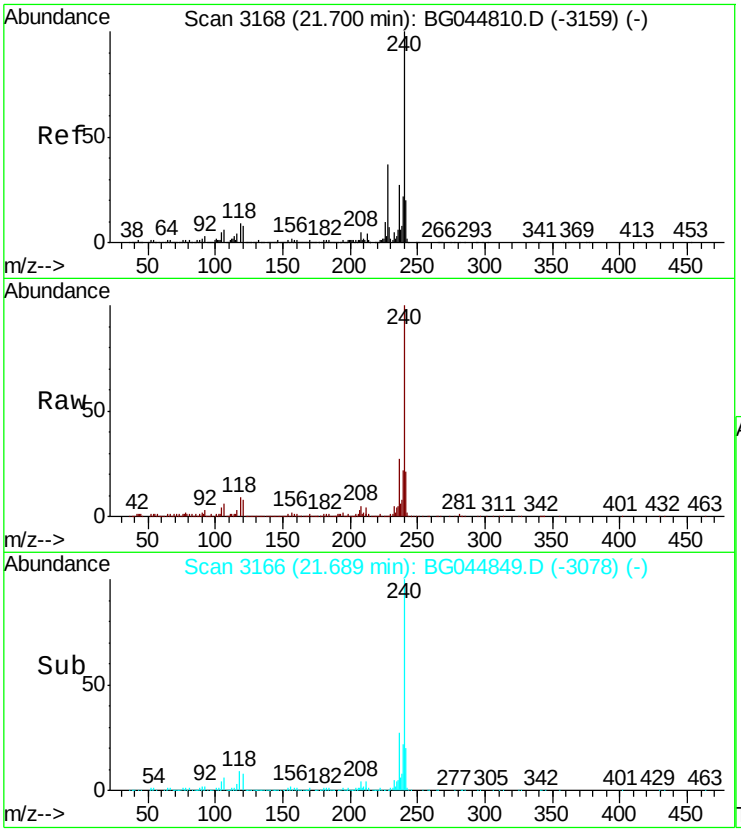


#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:248 Resp: 30829

Ion	Ratio	Lower	Upper
248	100		
250	213.8	77.9	116.9#
141	557.0	57.5	86.3#



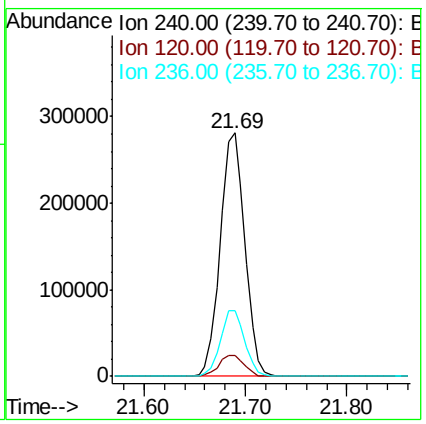


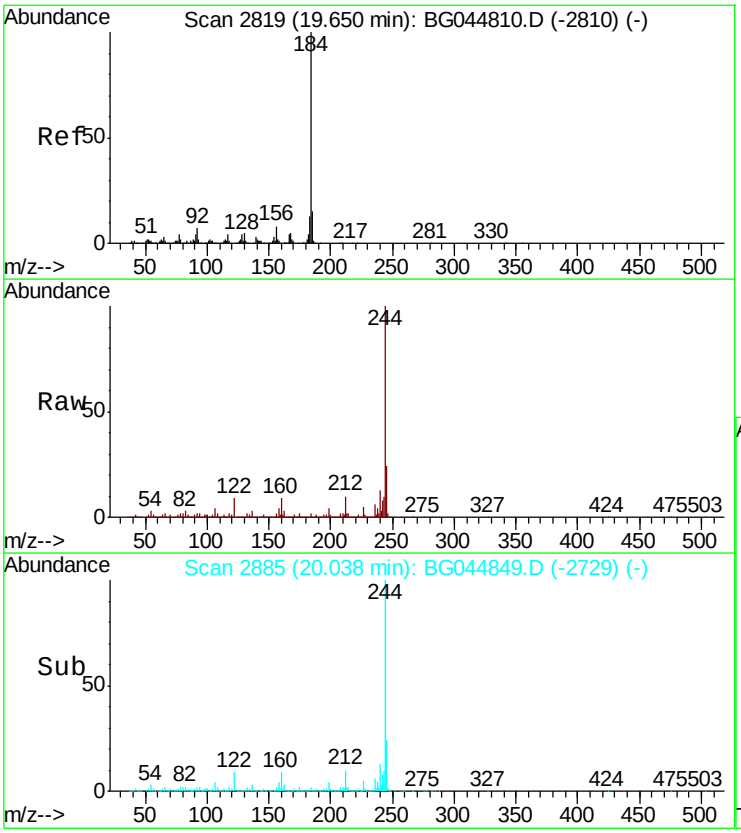
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 474312

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	26.7	21.5	32.3

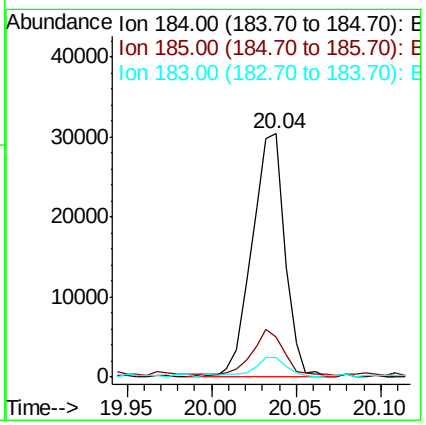


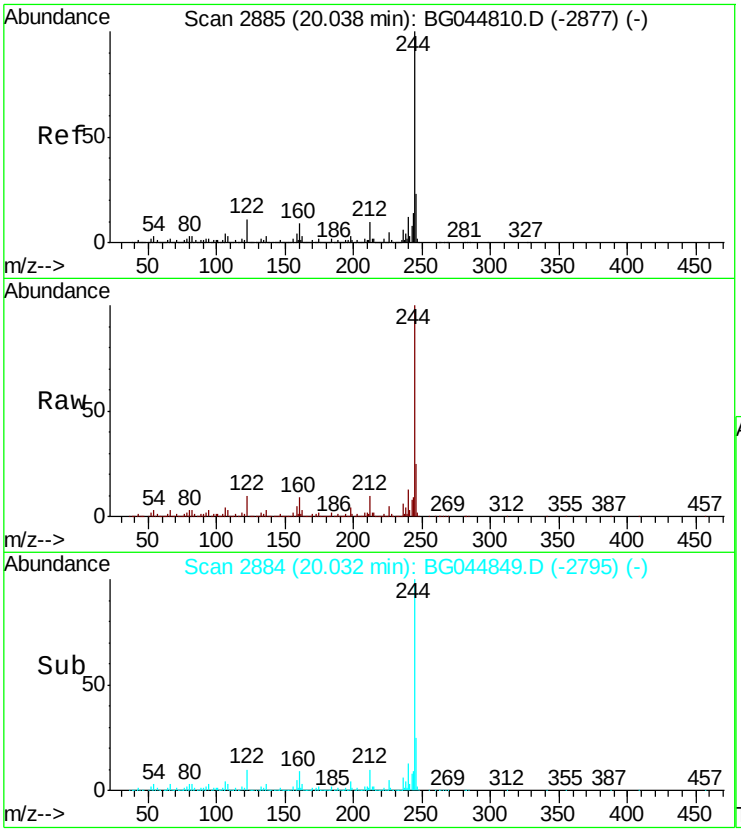


#77
Benzidine
Concen: 2.687 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.39 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:184 Resp: 41378

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.4
183	8.2	10.7	16.1#



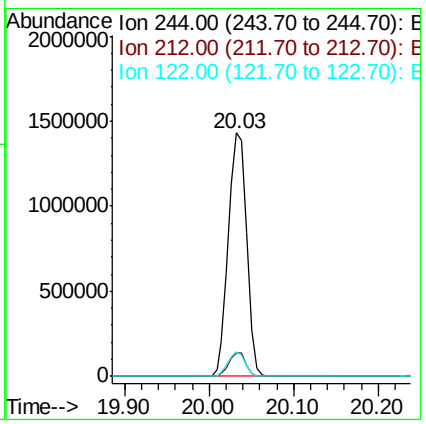


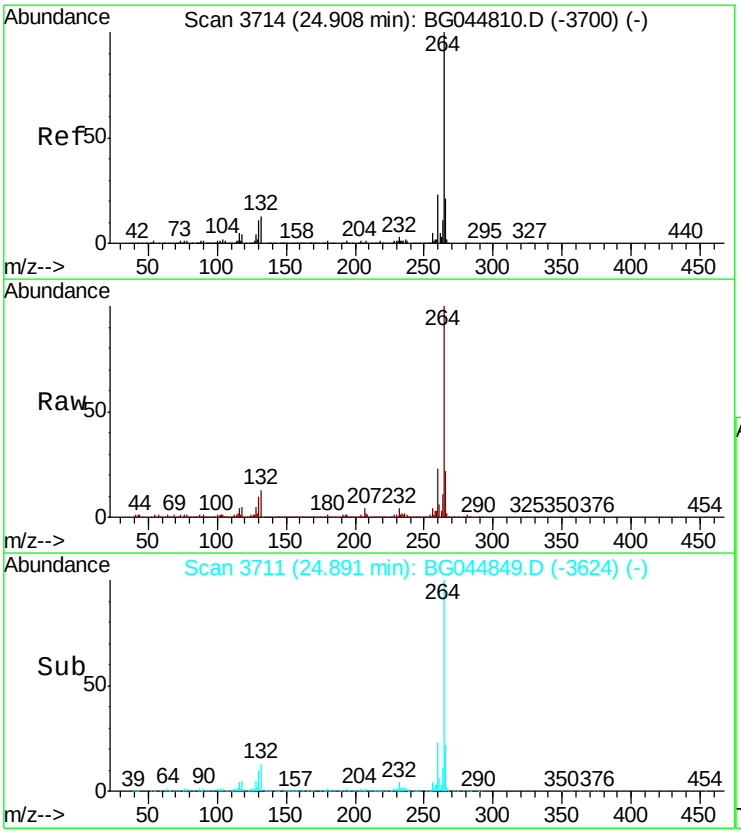
#79
Terphenyl-d14
Concen: 83.344 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044849.D
Acq: 18 Mar 2020 1:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2113334

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.7	11.5
122	10.1	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: BG044849.D
Acq: 18 Mar 2020 1:46

Tgt Ion:264 Resp: 551591

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	21.7	17.1	25.7