Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044805.D
Acq On : 14 Mar 2020 21:40
Operator : CG/JU
Sample : L1893-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SA

Quant Time: Mar 16 01:39:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	108373	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	442145	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	290109	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	605201	20.00	ng	0.00
76) Chrysene-d12	21.70	240	521267	20.00	ng	-0.01
87) Perylene-d12	24.91	264	584450	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	736906	105.85	ng	0.00
7) Phenol-d6	7.21	99	952567	94.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	811791	80.57	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	475345	125.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1694641	83.65	ng	0.00
79) Terphenyl-d14	20.04	244	2368777	85.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	2679	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	109574	15.34	ng	# 77
26) 2-Nitrophenol	9.98	139	69	5.53	ng	# 28
32) Benzoic acid	10.27	122	56	9.68	ng	# 1
50) Dimethylphthalate	14.13	163	103682	4.49	ng	98
54) 2,4-Dinitrophenol	14.68	184	69	8.35	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	39249	6.14	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.17	198	1911	8.29	ng	# 1
67) 4-Bromophenyl-phenylether	16.17	248	32497	4.30	ng	# 1
77) Benzidine	20.04	184	48542	2.87	ng	# 90

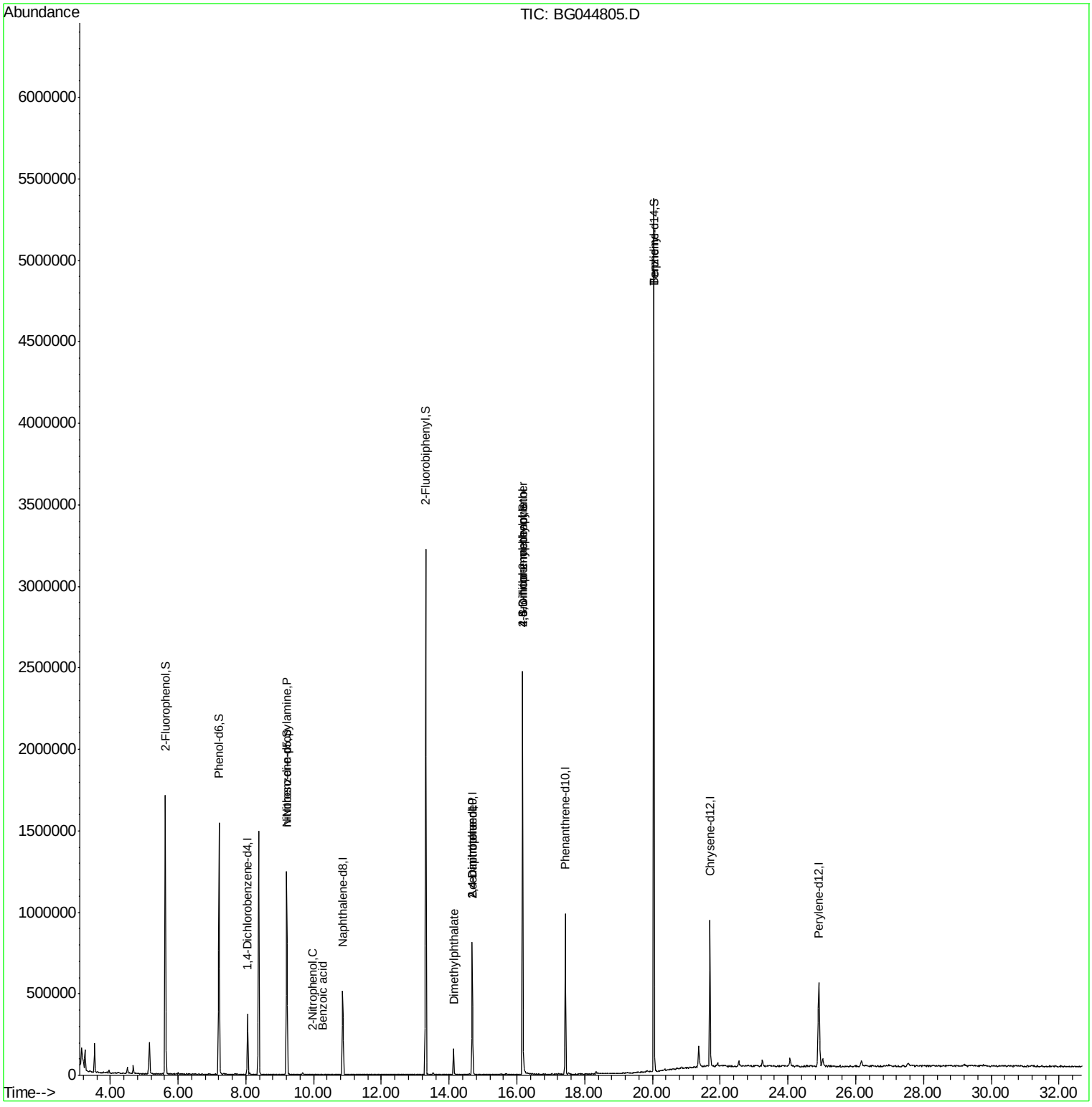
(#) = qualifier out of range (m) = manual integration (+) = signals summed

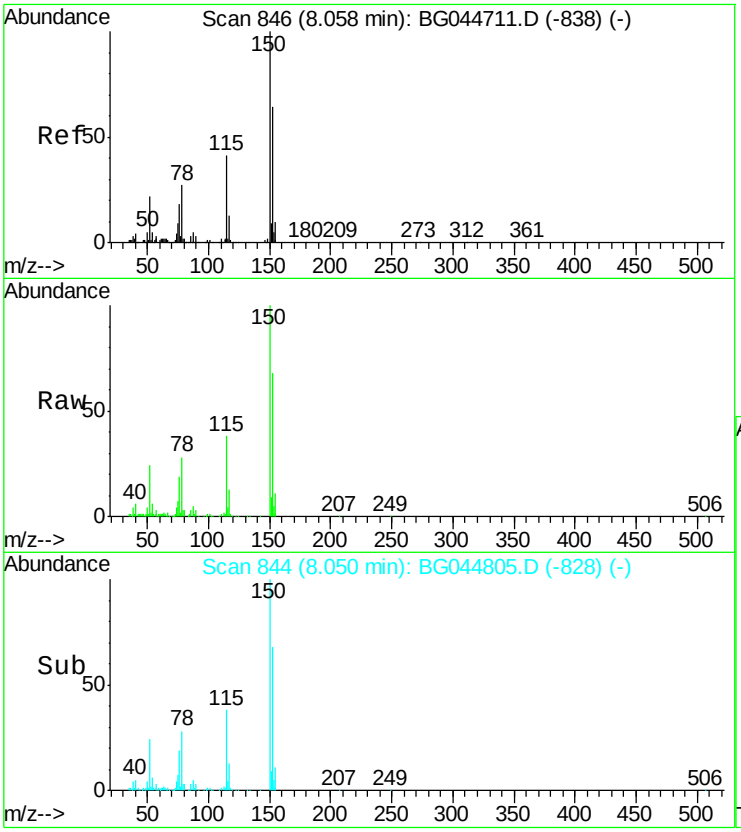
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044805.D
Acq On : 14 Mar 2020 21:40
Operator : CG/JU
Sample : L1893-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Quant Time: Mar 16 01:39:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



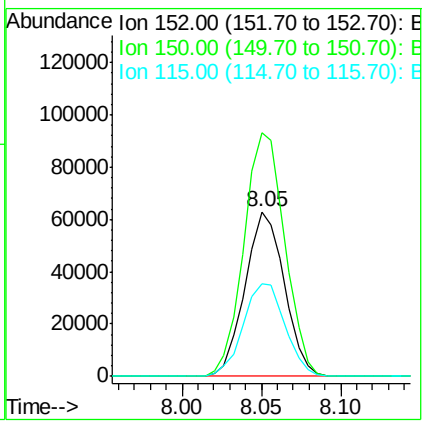


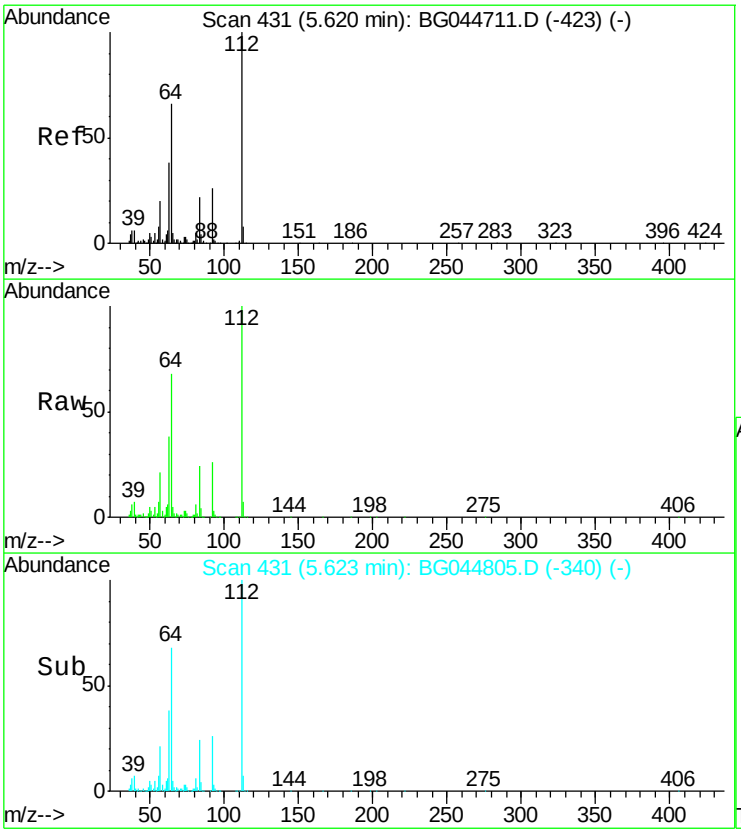
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:152 Resp: 108373

Ion	Ratio	Lower	Upper
152	100		
150	147.8	125.3	187.9
115	56.6	51.7	77.5

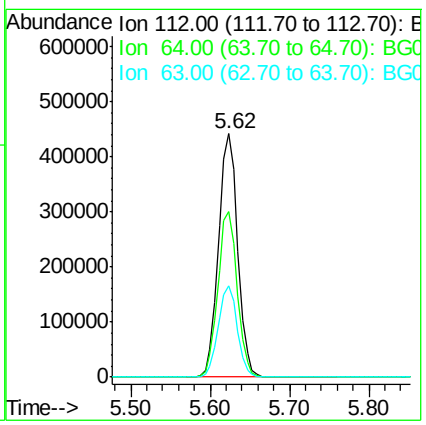


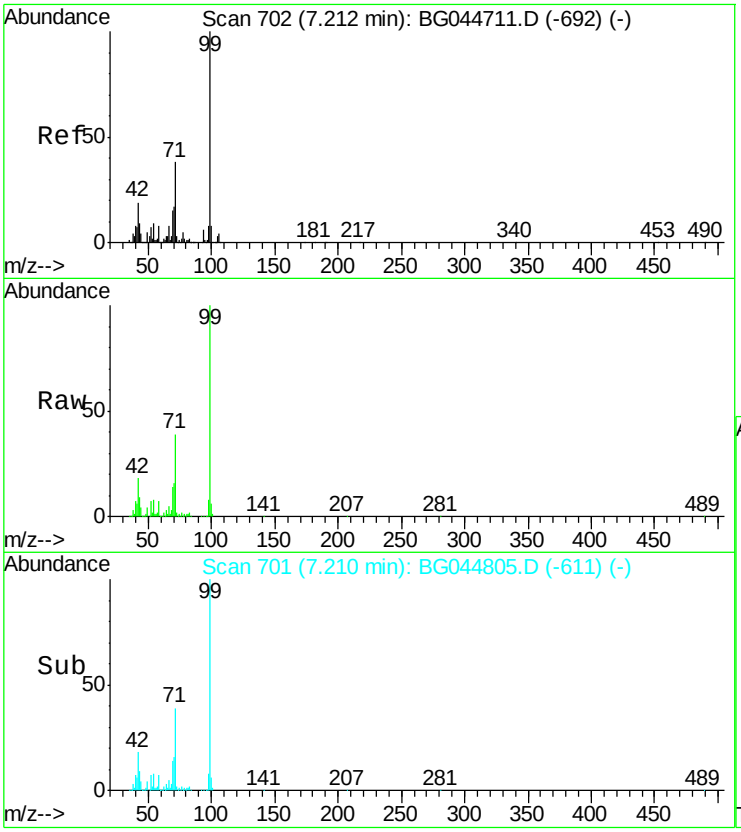


#5
2-Fluorophenol
Concen: 105.85 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:112 Resp: 736906

Ion	Ratio	Lower	Upper
112	100		
64	68.2	52.6	78.8
63	37.8	30.2	45.4



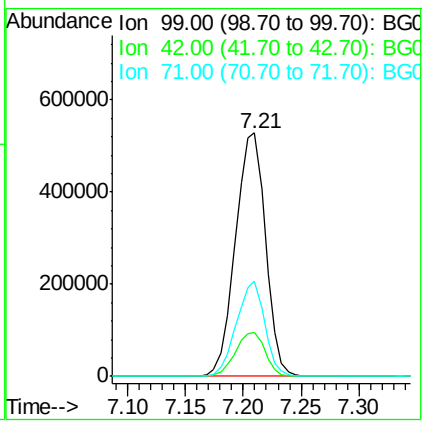


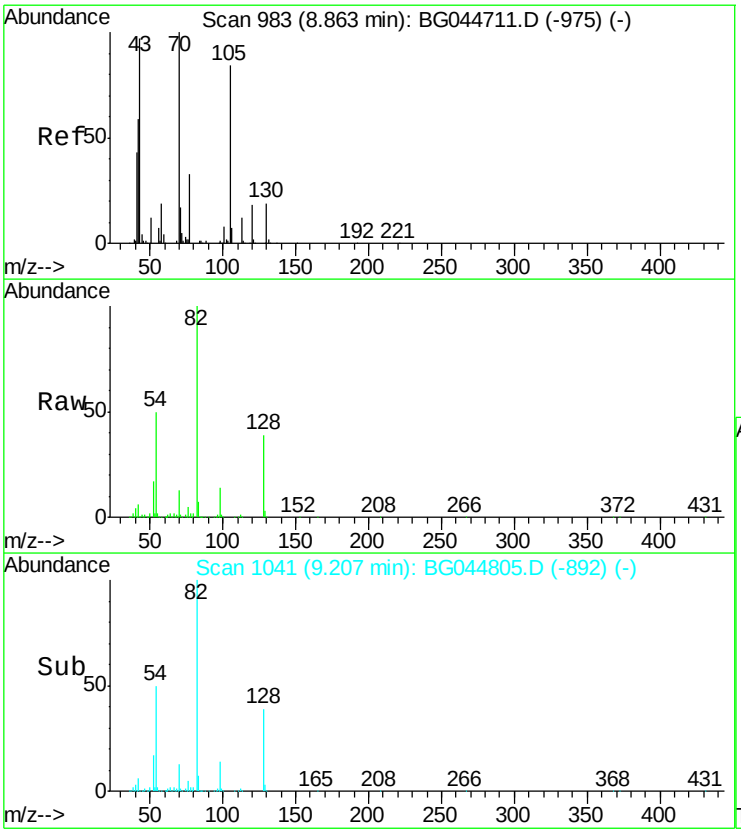
#7
Phenol-d6
Concen: 94.17 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion: 99 Resp: 952567

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	39.0	30.2	45.4

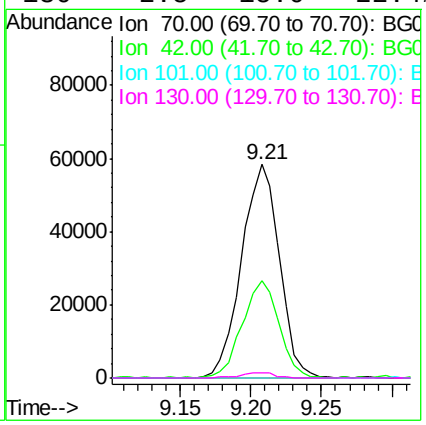


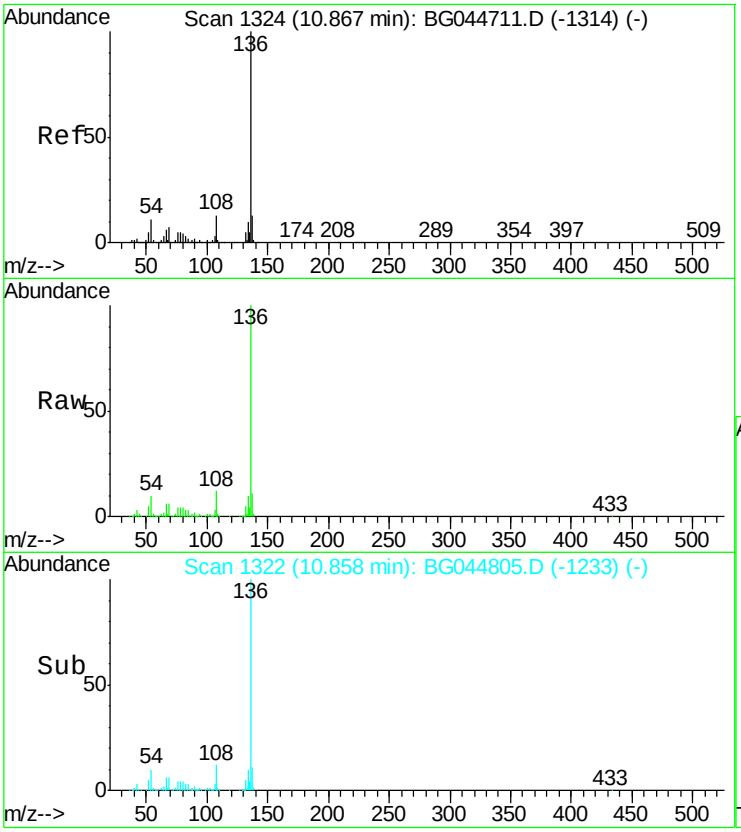


#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion: 70 Resp: 109574

Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.6	71.4#
101	0.0	6.5	9.7#
130	2.5	15.0	22.4#



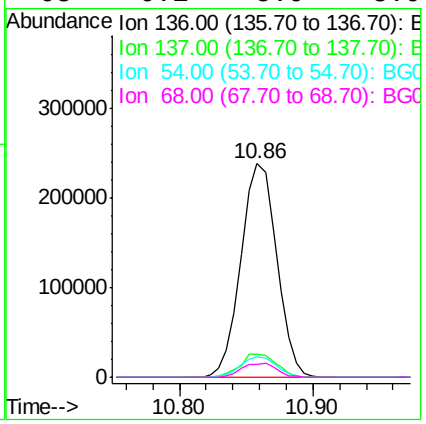


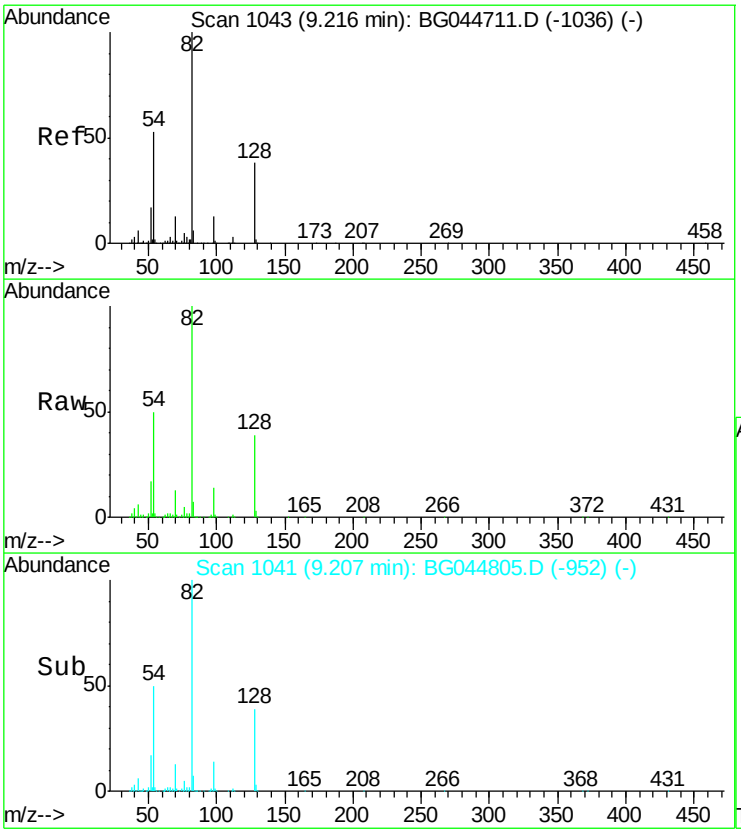
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:136 Resp: 442145

Ion	Ratio	Lower	Upper
136	100		
137	10.8	10.7	16.1
54	9.7	9.0	13.4
68	6.1	5.9	8.9

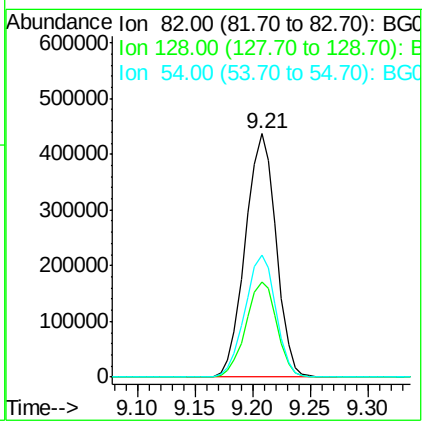


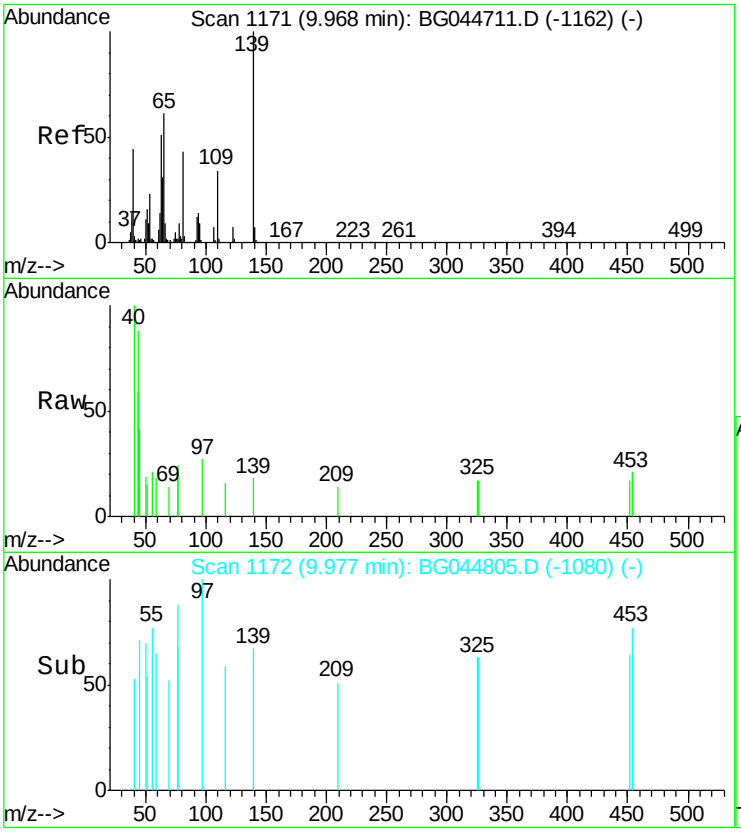


#23
Nitrobenzene-d5
Concen: 80.57 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion: 82 Resp: 811791

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.2	45.2
54	50.0	41.8	62.8



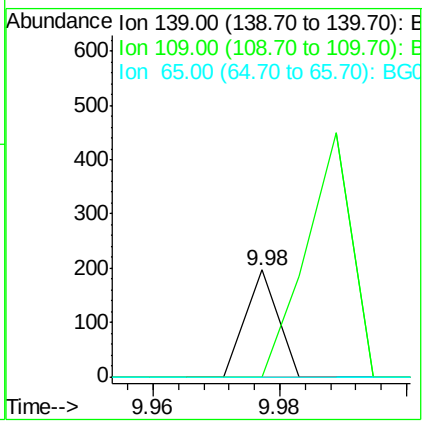


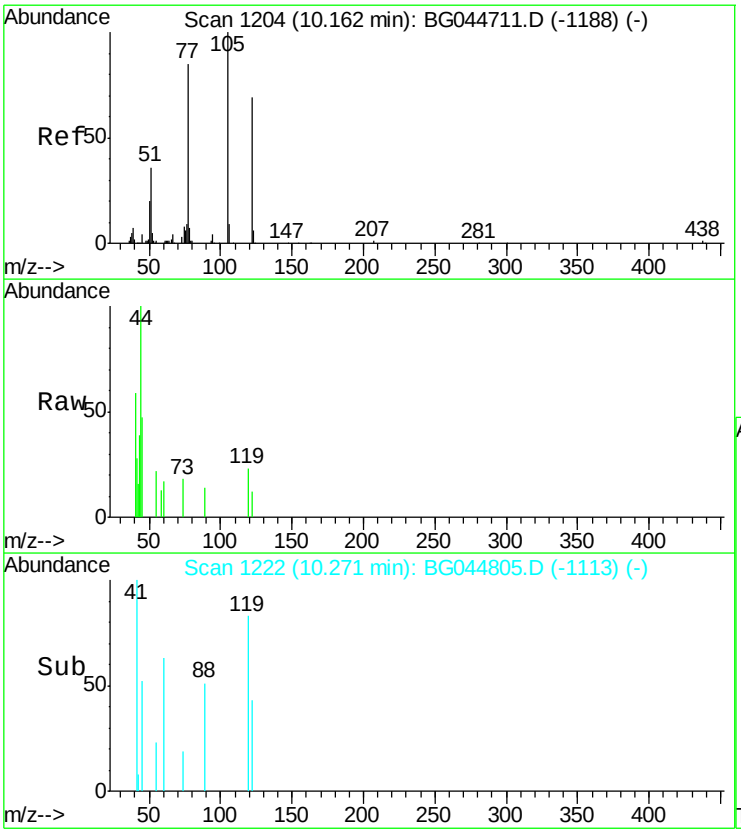
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:139 Resp: 69

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

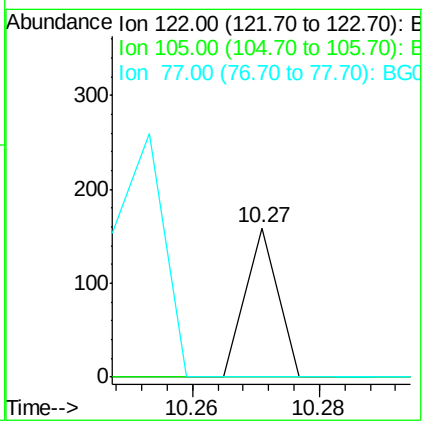


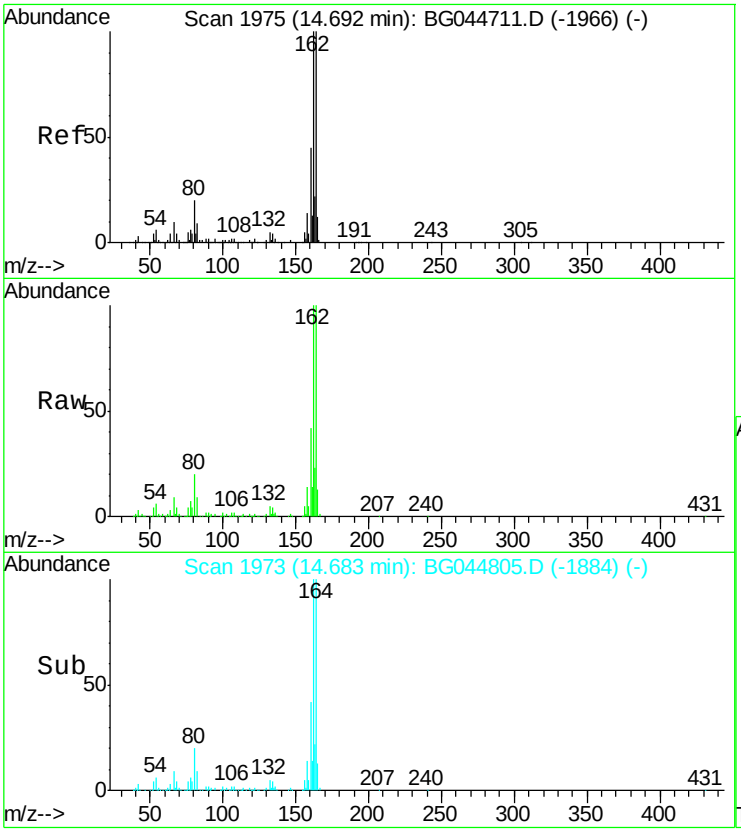


#32
Benzoic acid
Concen: 9.68 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.11 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#



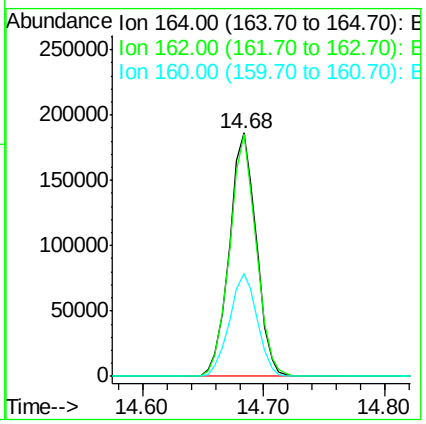


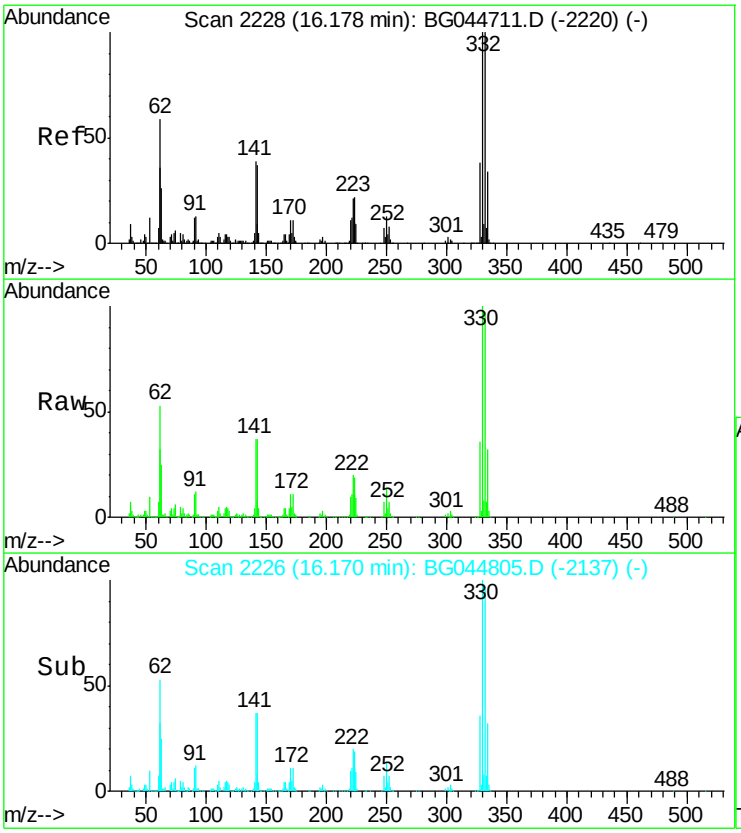
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:164 Resp: 290109

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.4
160	42.2	36.2	54.2

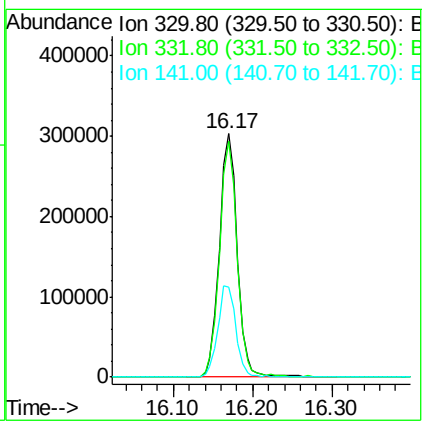


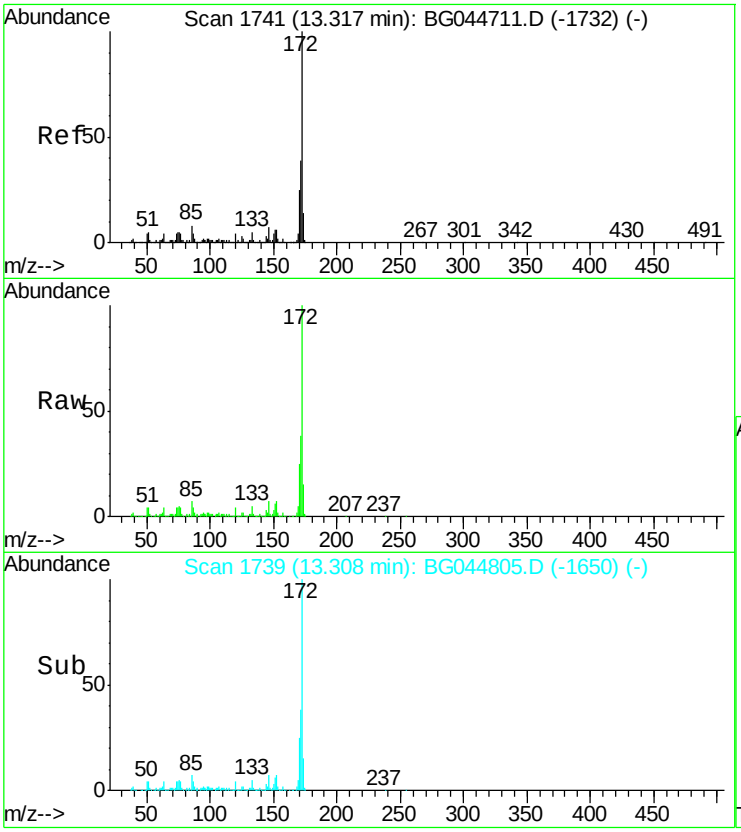


#42
2,4,6-Tribromophenol
Concen: 125.14 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:330 Resp: 475345

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	38.2	31.7	47.5



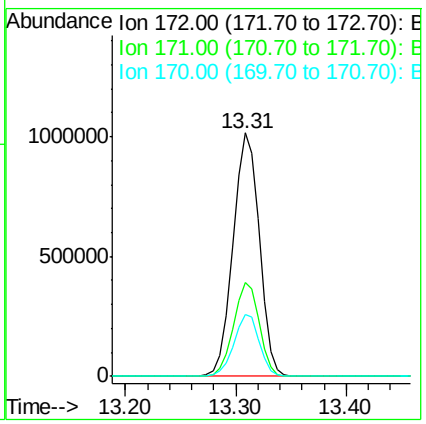


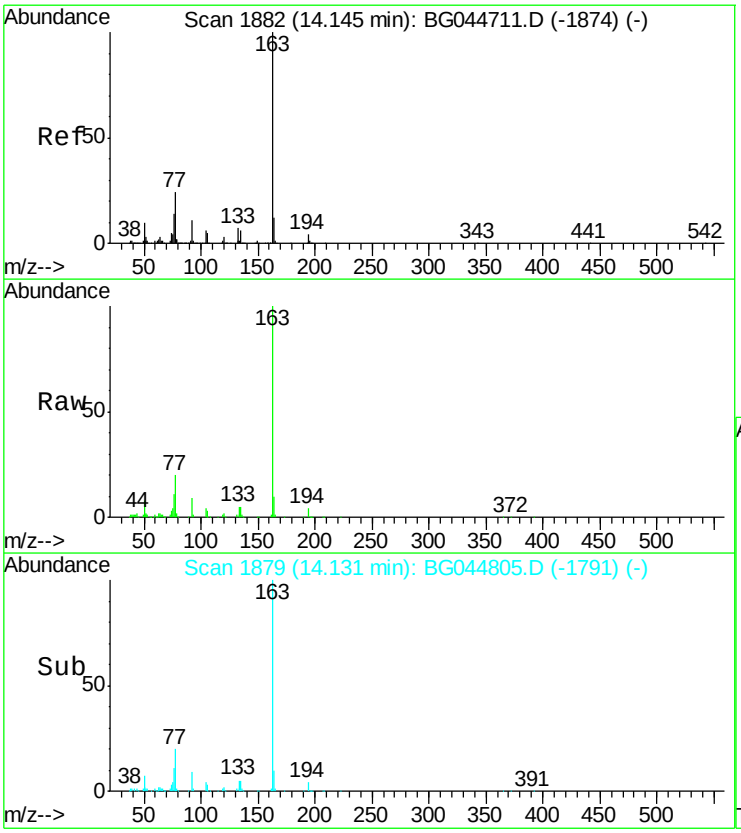
#45
2-Fluorobiphenyl
Concen: 83.65 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:172 Resp: 1694641

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.4	20.0	30.0

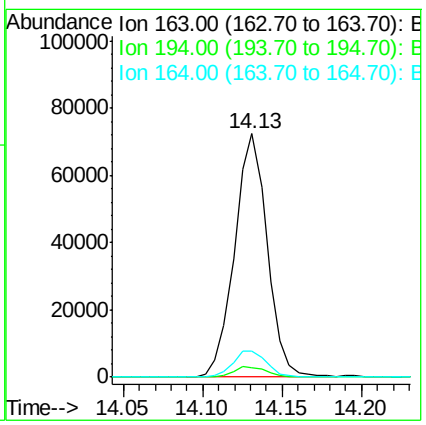


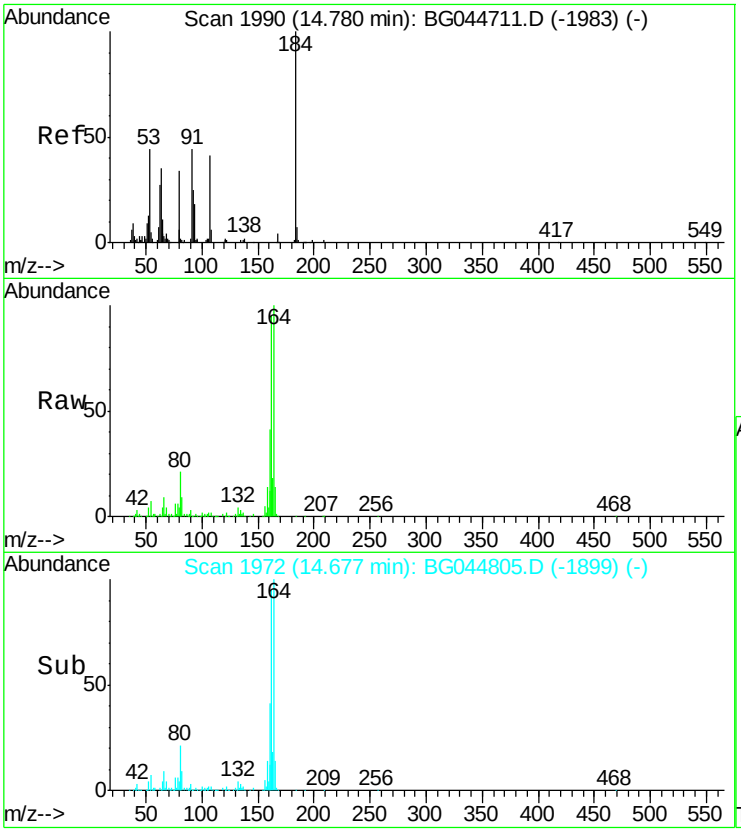


#50
Dimethylphthalate
Concen: 4.49 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:163 Resp: 103682

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.5	9.2	13.8



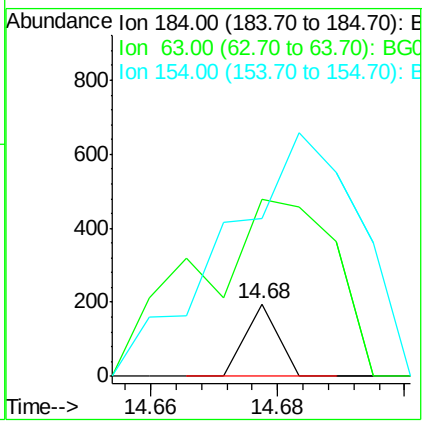


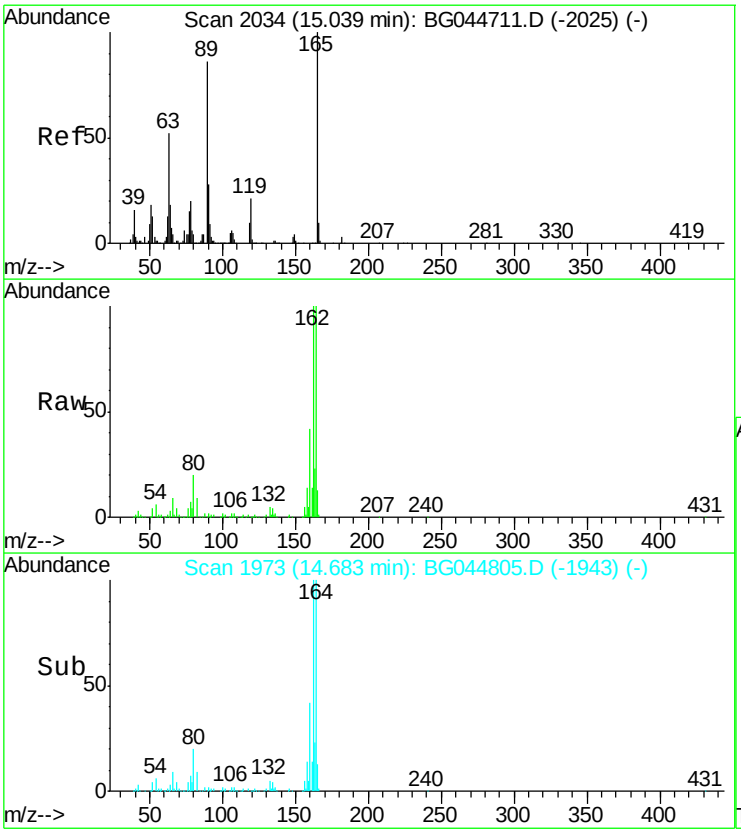
#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.10 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	244.4	49.0	73.6#
154	217.3	94.5	141.7#

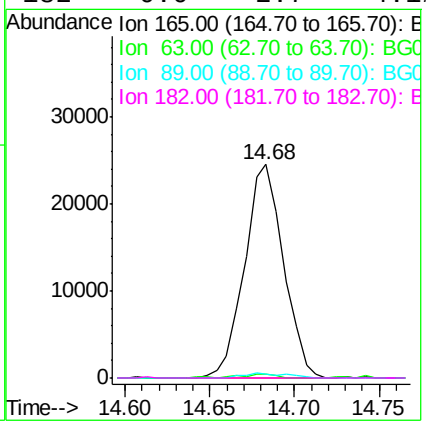


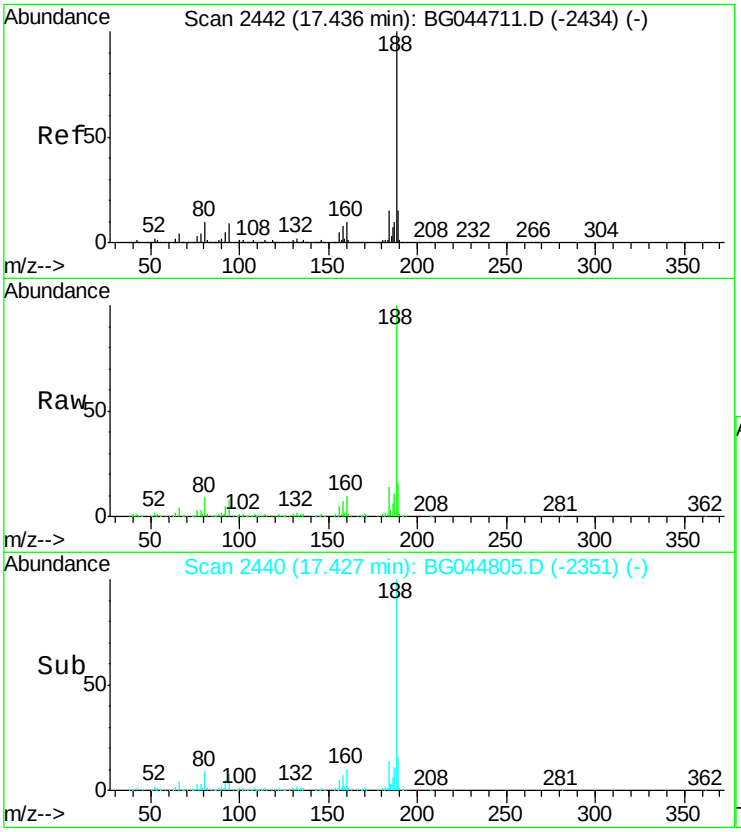


#57
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:165 Resp: 39249

Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.5	62.3#
89	2.0	69.0	103.4#
182	0.0	2.7	4.1#



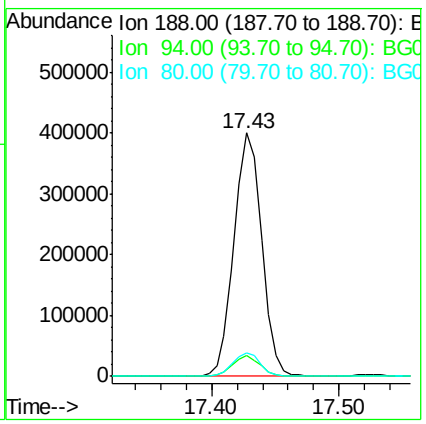


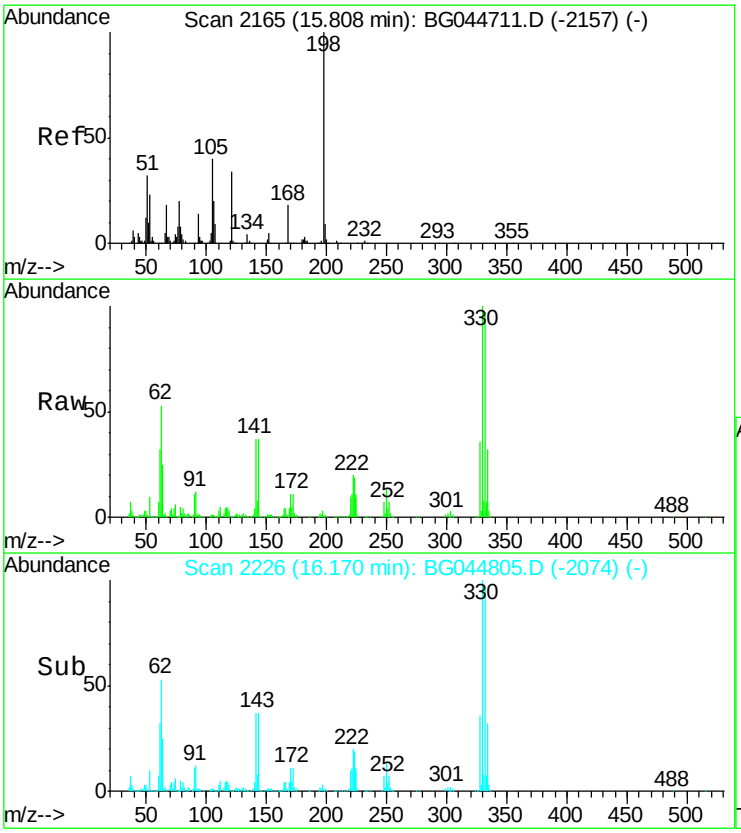
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:188 Resp: 605201

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.4	8.4	12.6

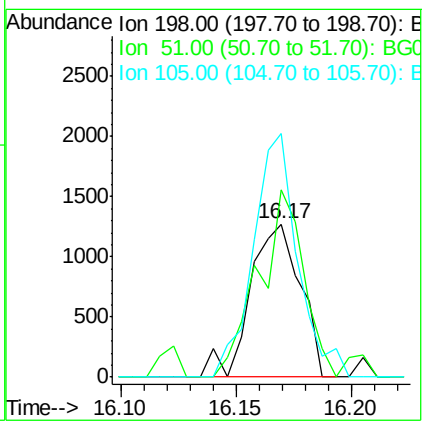


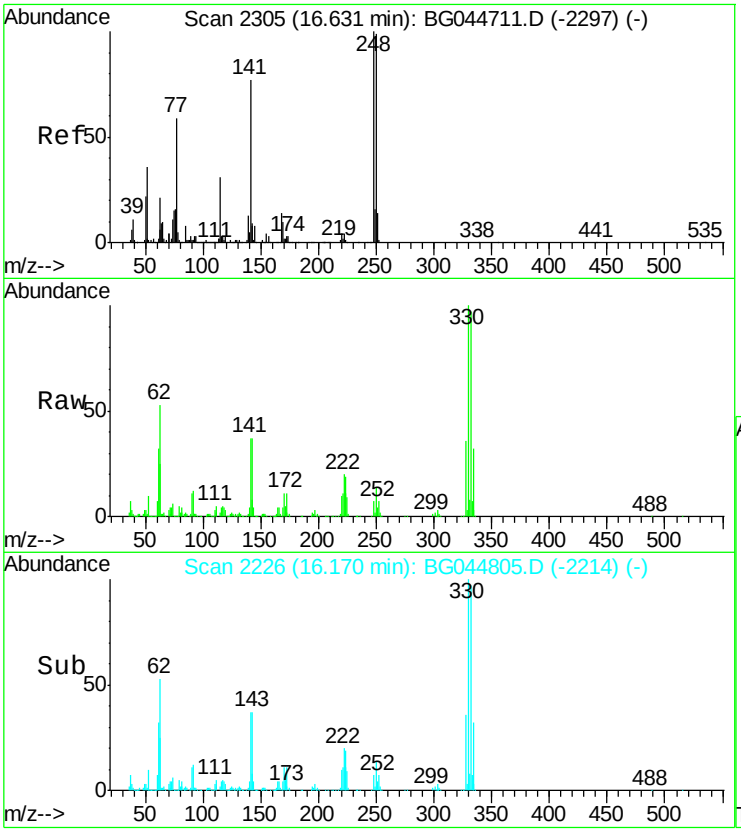


#65
4,6-Dinitro-2-methylphenol
Concen: 8.29 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.36 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:198 Resp: 1911

Ion	Ratio	Lower	Upper
198	100		
51	122.7	20.1	60.1#
105	159.4	21.3	61.3#



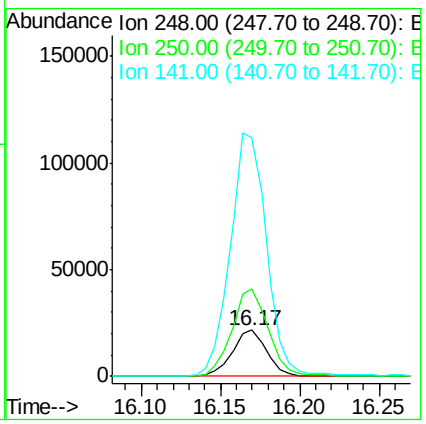


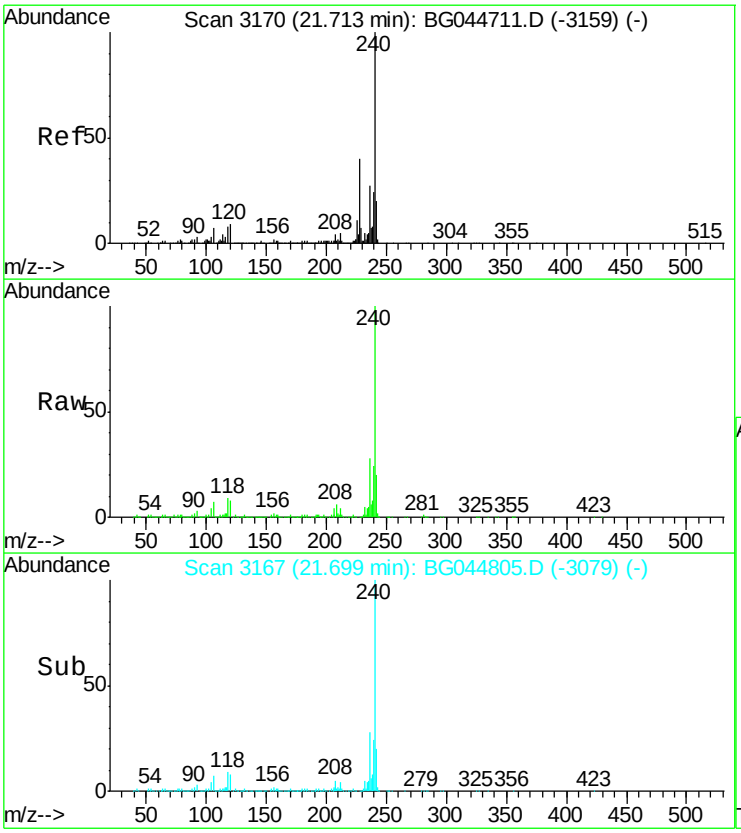
#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:248 Resp: 32497

Ion	Ratio	Lower	Upper
248	100		
250	191.2	79.4	119.0#
141	518.8	61.7	92.5#

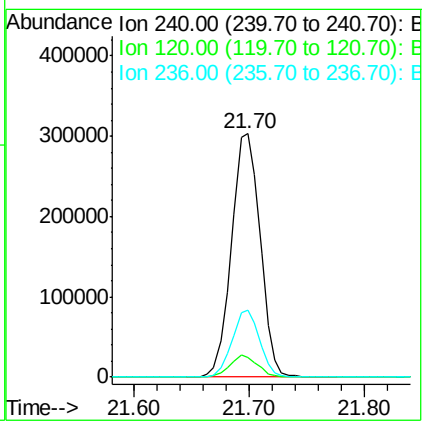


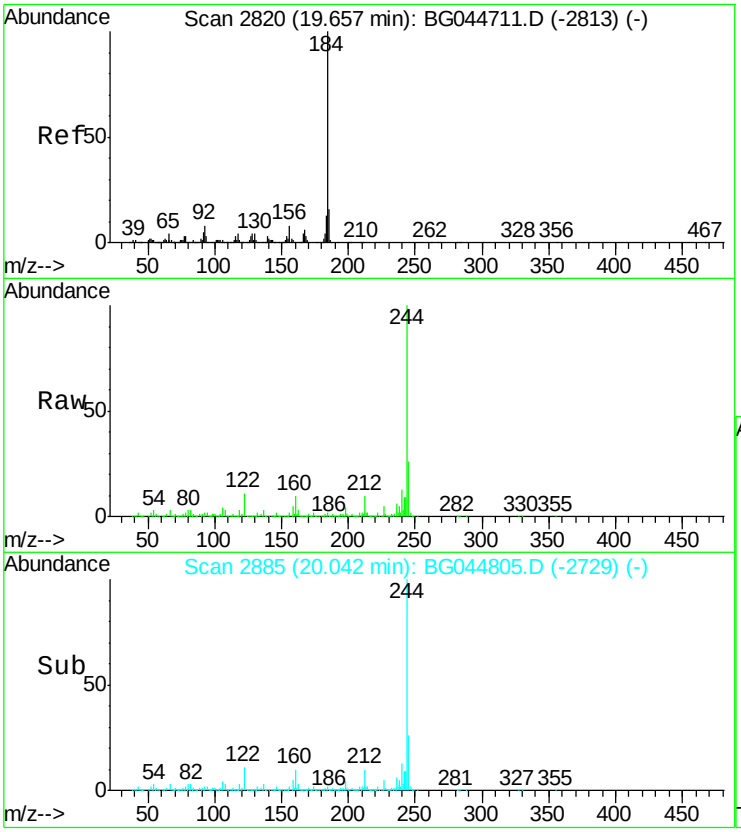


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:240 Resp: 521267

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	27.7	21.9	32.9



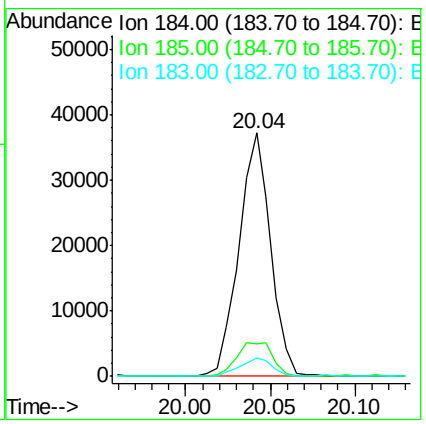


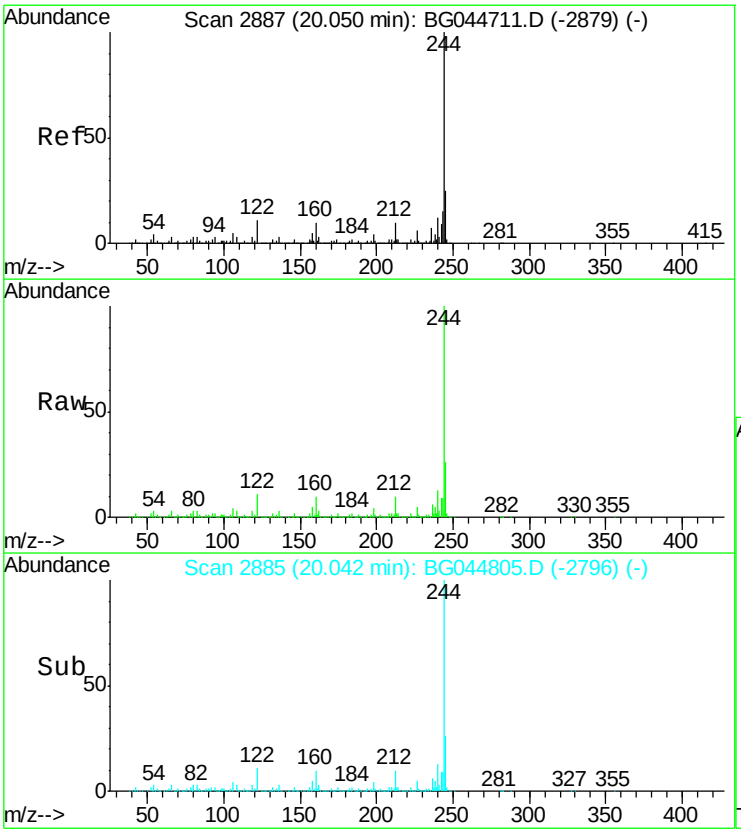
#77
Benzidine
Concen: 2.87 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.39 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:184 Resp: 48542

Ion	Ratio	Lower	Upper
184	100		
185	13.1	12.9	19.3
183	7.5	10.6	15.8#

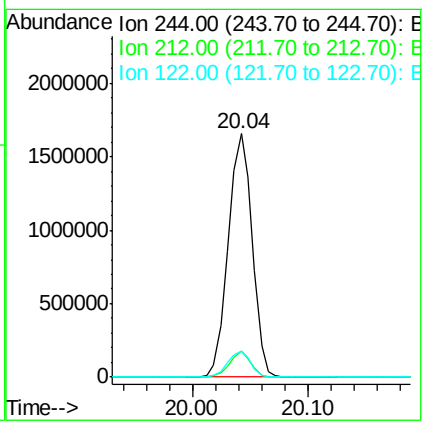


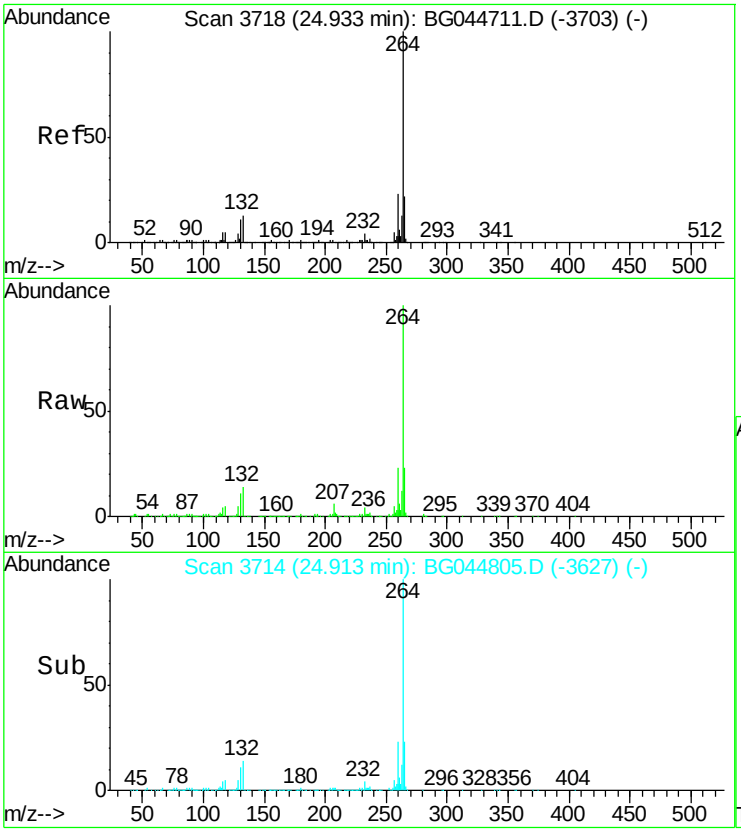


#79
Terphenyl-d14
Concen: 85.00 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Tgt Ion:244 Resp: 2368777

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	10.8	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044805.D
Acq: 14 Mar 2020 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-SA

Tgt Ion:264 Resp: 584450

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	23.2	17.4	26.2