Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044035.D
Acq On : 14 Jan 2020 13:54
Operator : JU
Sample : PB126078BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 20:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	117172	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	482983	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	313209	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	655099	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	569064	20.00	ng	-0.02
87) Perylene-d12	24.69	264	628976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	937040	146.84	ng	-0.01
7) Phenol-d6	7.11	99	1317315	147.68	ng	-0.01
23) Nitrobenzene-d5	9.10	82	784587	86.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	500403	152.67	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1708783	98.85	ng	-0.02
79) Terphenyl-d14	19.93	244	2349548	105.94	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	102700	15.460	ng	# 77
50) Dimethylphthalate	14.03	163	54298	2.442	ng	# 97
51) 2,6-Dinitrotoluene	14.57	165	41644	8.285	ng	# 26
57) 2,4-Dinitrotoluene	14.57	165	41644	6.089	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1554	4.808	ng	# 4
67) 4-Bromophenyl-phenylether	16.06	248	35035	4.755	ng	# 1
77) Benzidine	19.94	184	45148	3.156	ng	# 93

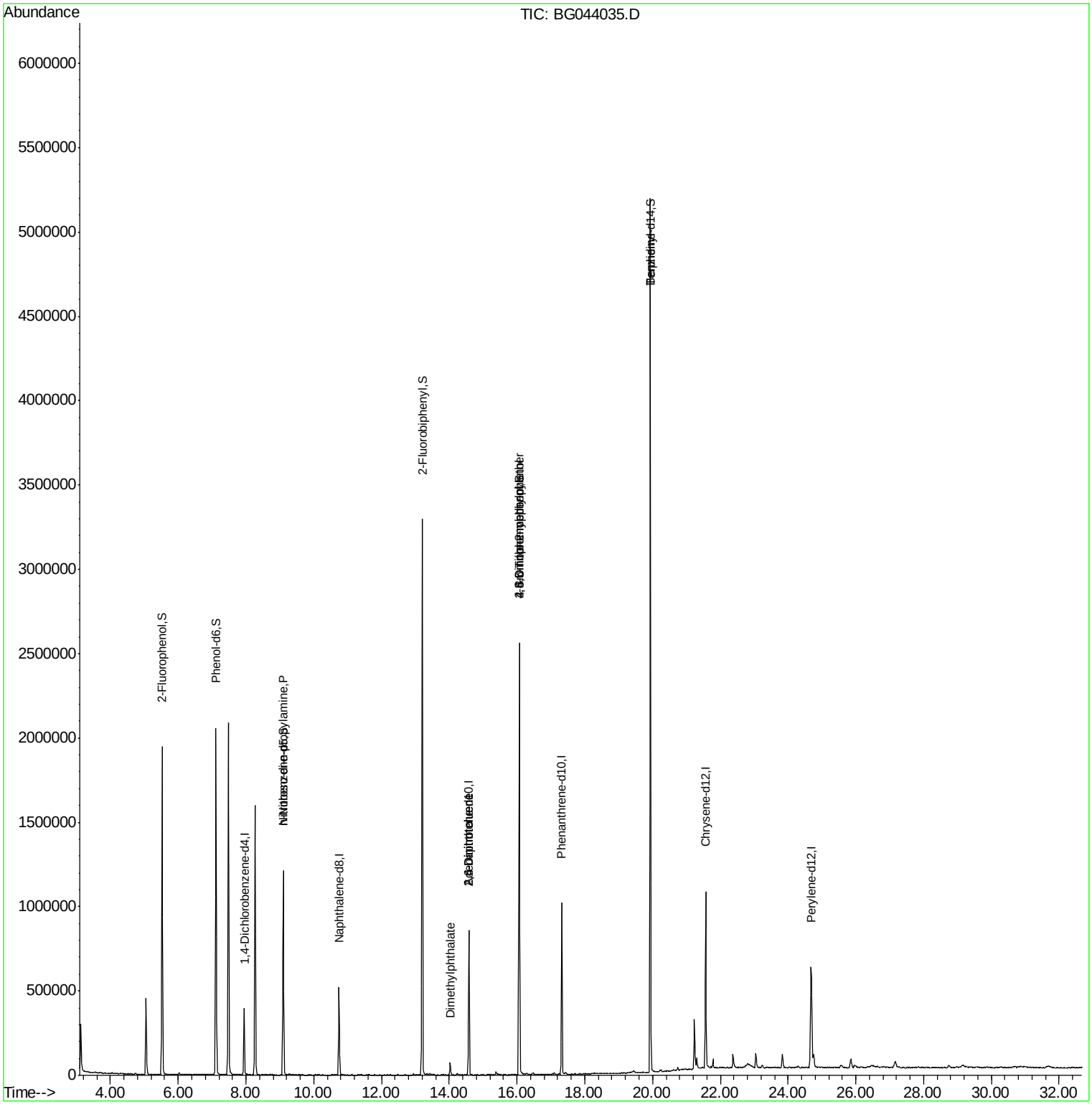
(#) = qualifier out of range (m) = manual integration (+) = signals summed

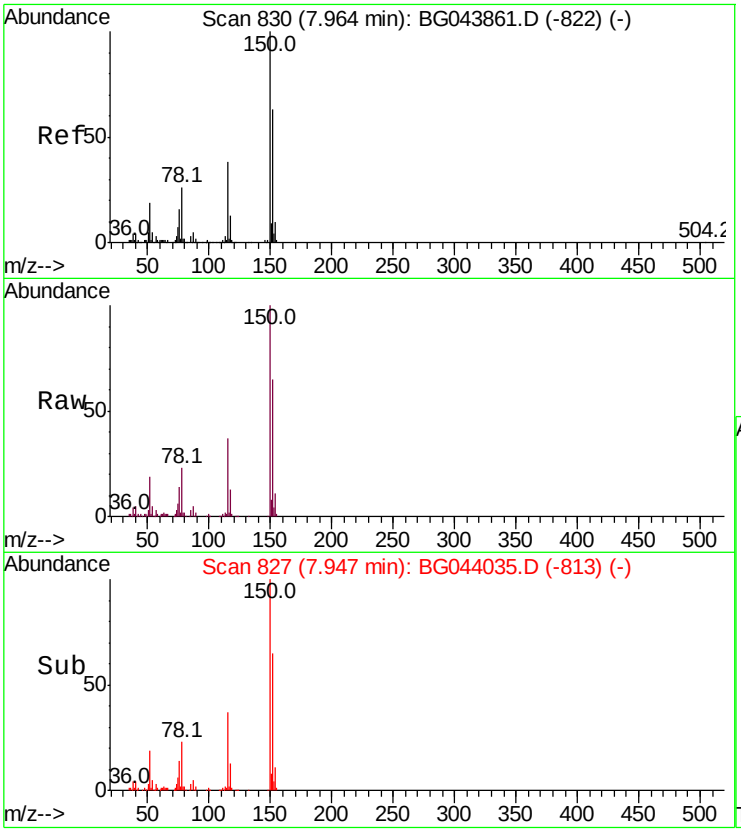
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044035.D
Acq On : 14 Jan 2020 13:54
Operator : JU
Sample : PB126078BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 20:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



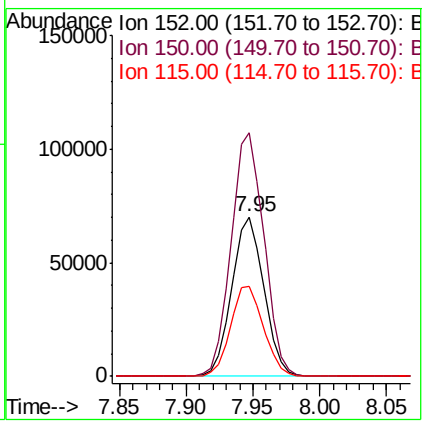


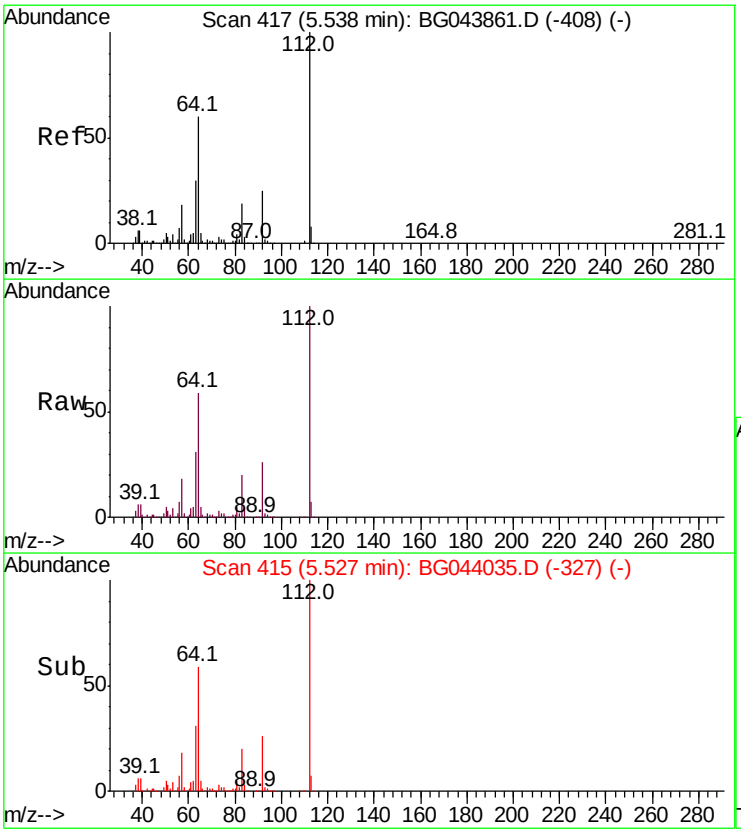
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 117172

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.4
115	56.5	47.8	71.8

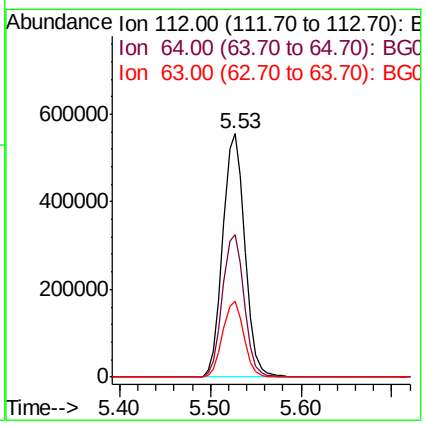


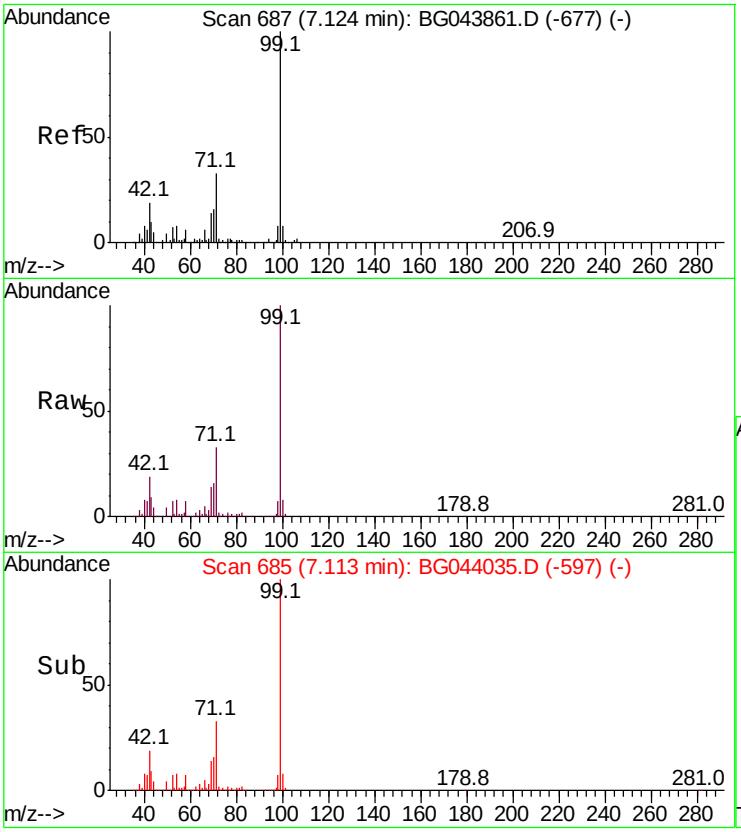


#5
2-Fluorophenol
Concen: 146.837 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:112 Resp: 937040

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.8	71.6
63	31.0	24.3	36.5



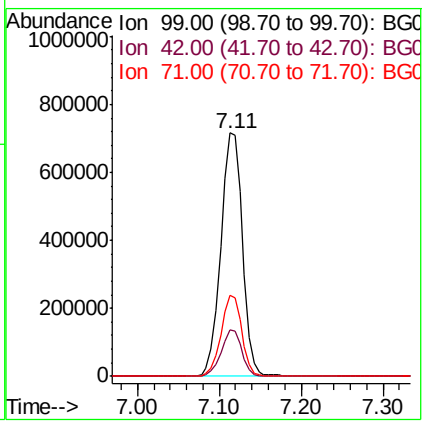


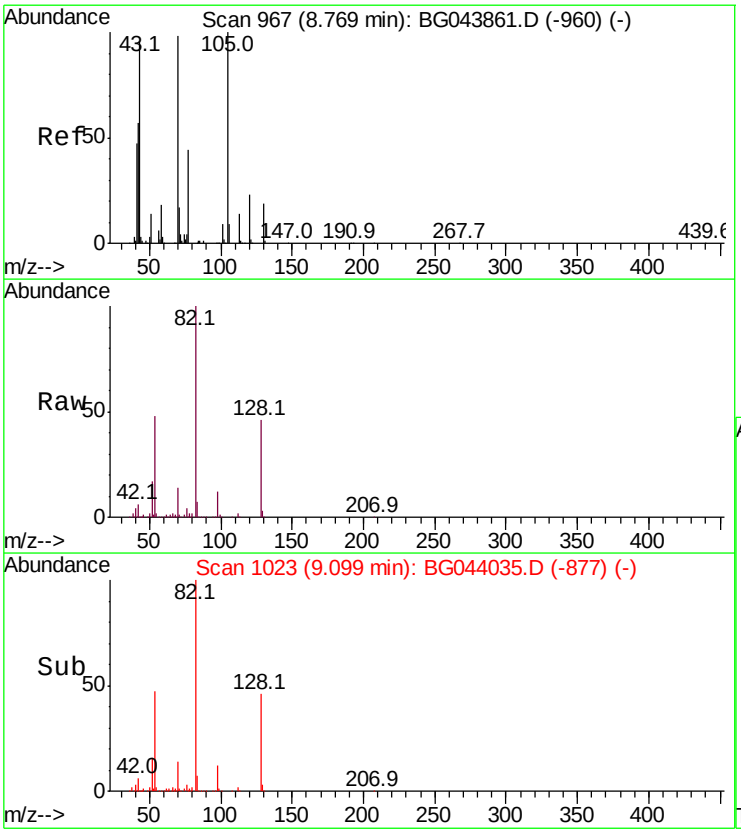
#7
Phenol-d6
Concen: 147.678 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1317315

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	33.5	26.4	39.6

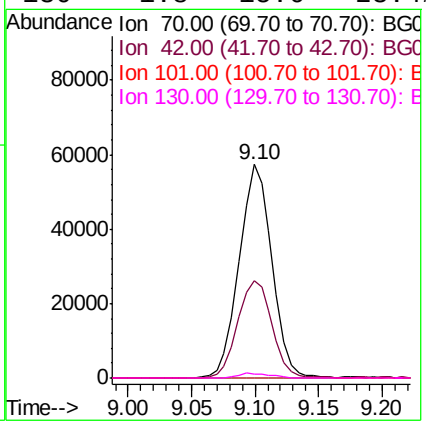


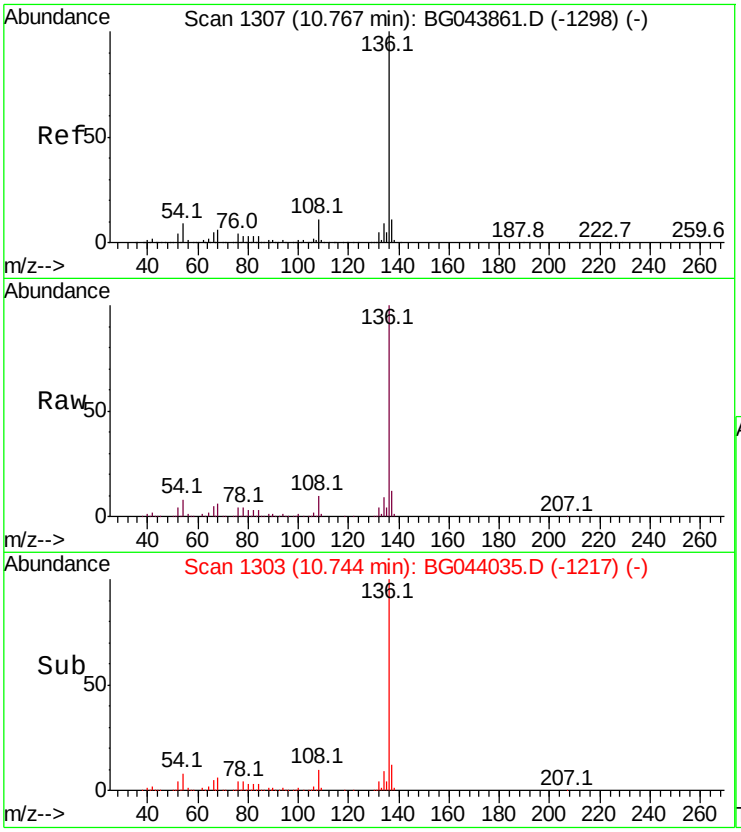


#19
n-Nitroso-di-n-propylamine
Concen: 15.460 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.33 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion: 70 Resp: 102700

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.0	70.4#
101	0.0	7.2	10.8#
130	1.8	15.6	23.4#



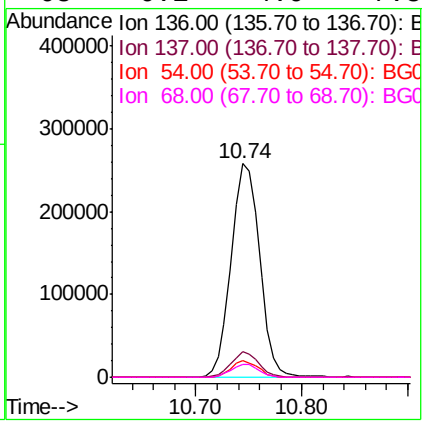


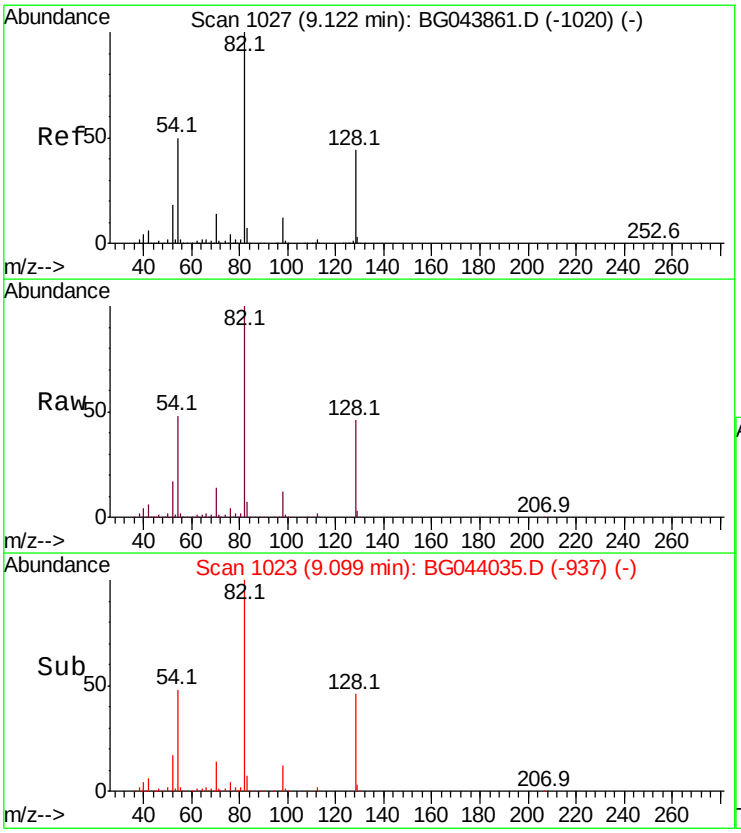
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 482983

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.8	7.0	10.4
68	6.1	4.9	7.3

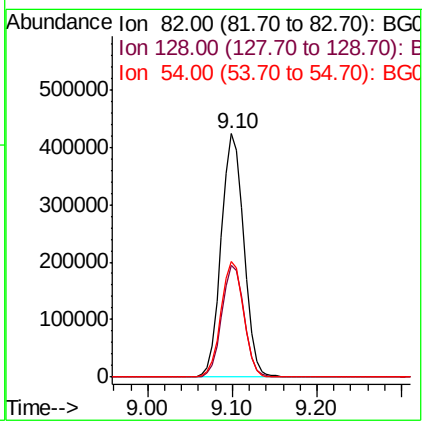


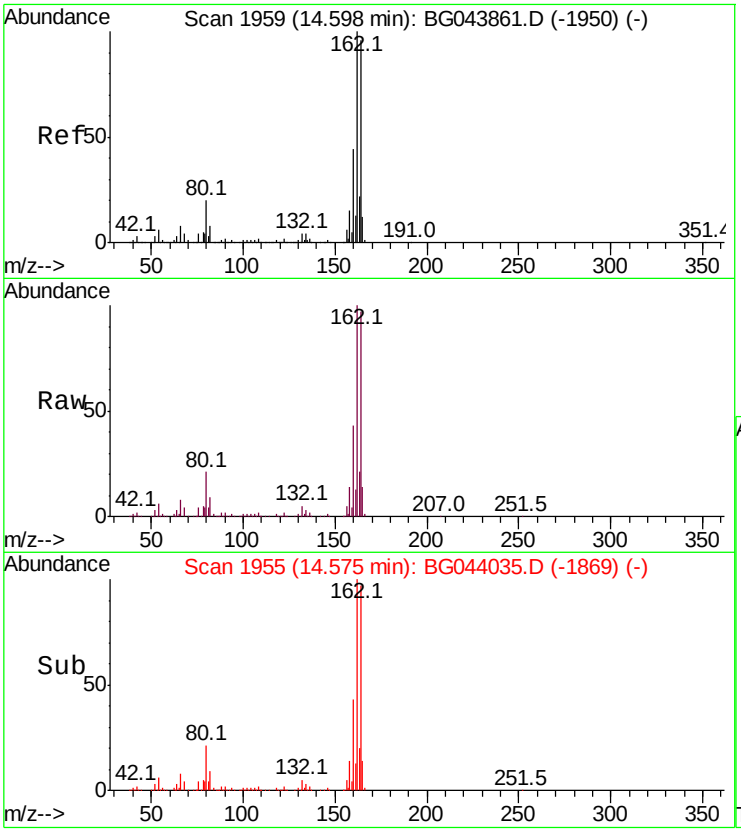


#23
Nitrobenzene-d5
Concen: 86.902 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion: 82 Resp: 784587

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	47.7	40.1	60.1



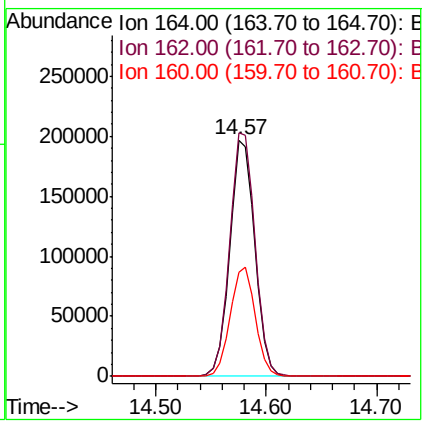


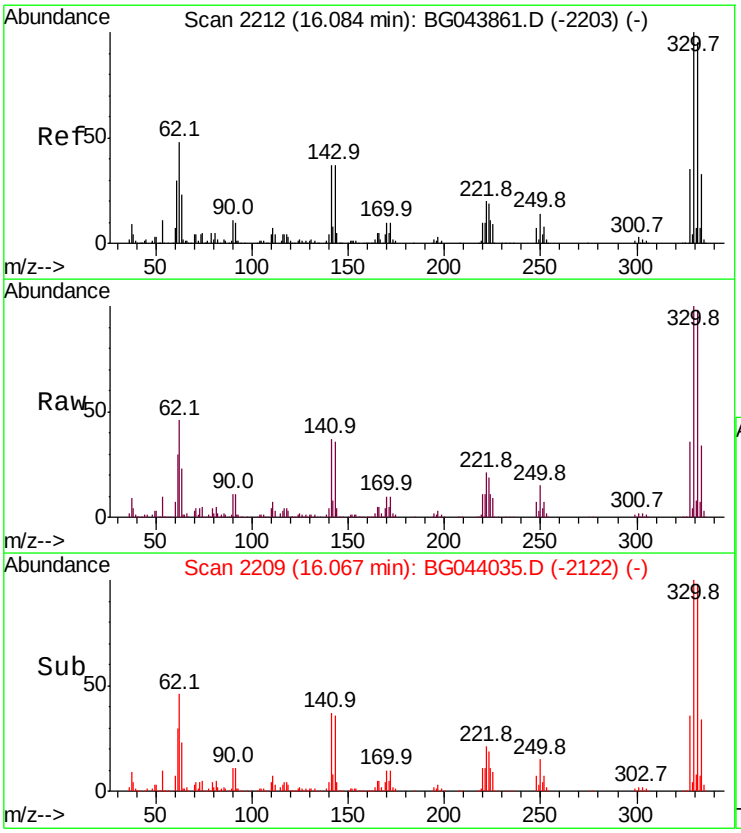
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 313209

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	44.2	36.1	54.1

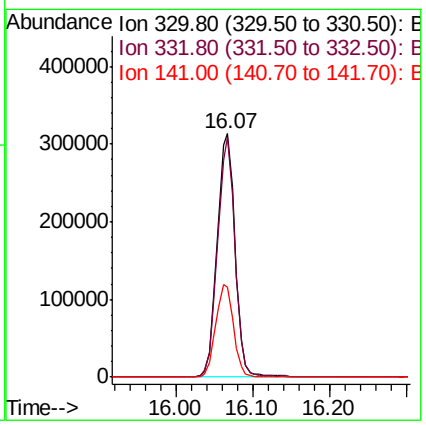


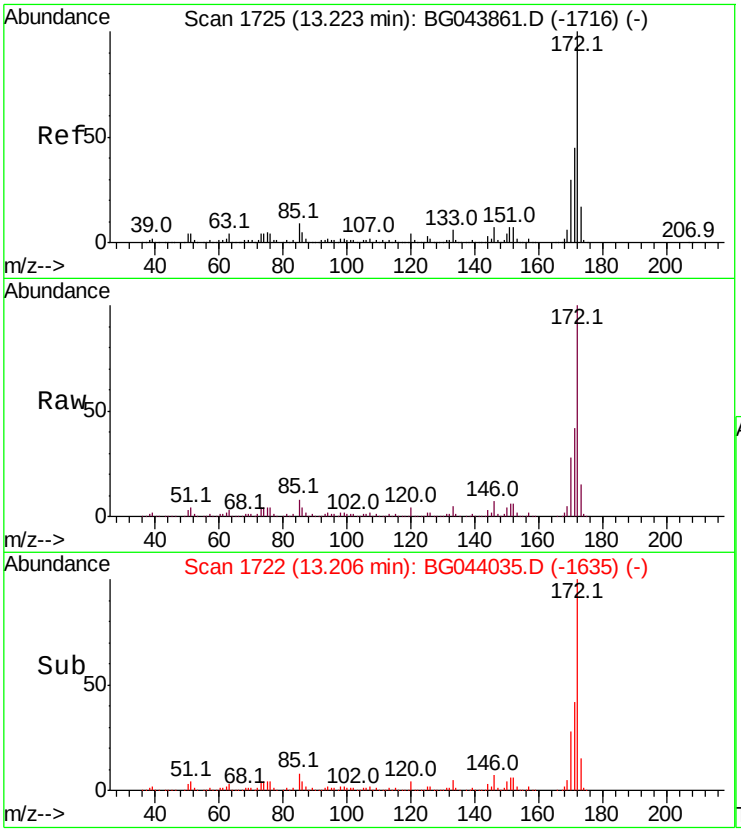


#42
2,4,6-Tribromophenol
Concen: 152.670 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:330 Resp: 500403

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	38.2	33.1	49.7



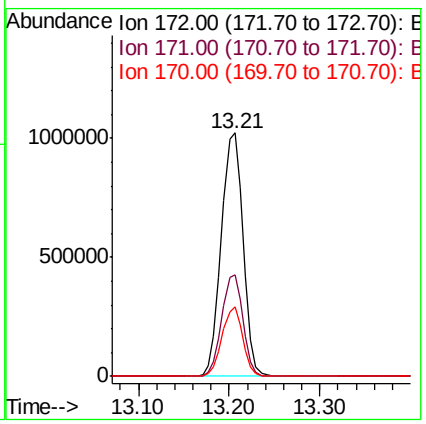


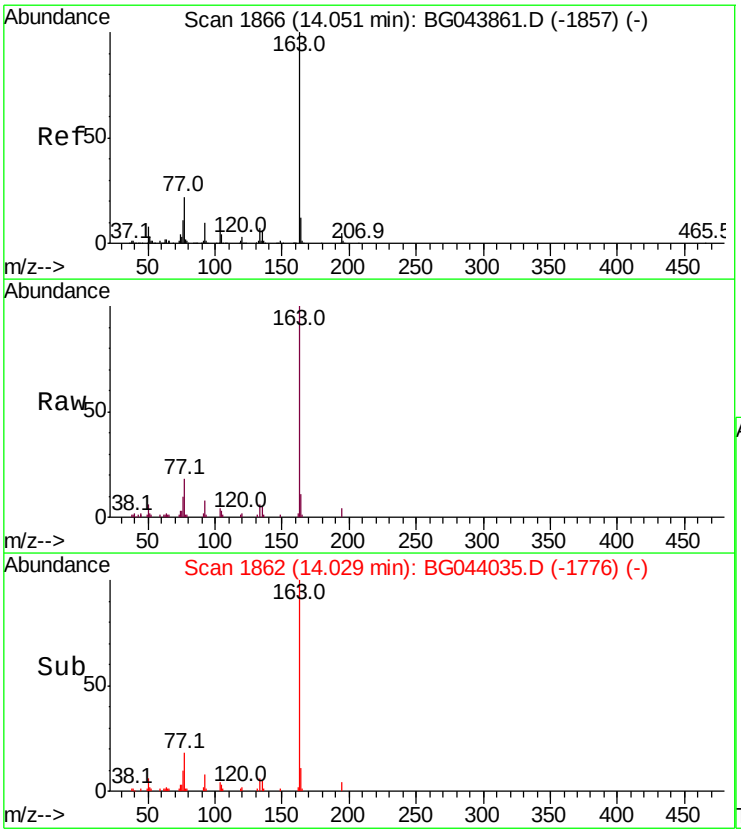
#45
2-Fluorobiphenyl
Concen: 98.845 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1708783

Ion	Ratio	Lower	Upper
172	100		
171	41.7	35.8	53.8
170	28.5	24.2	36.4

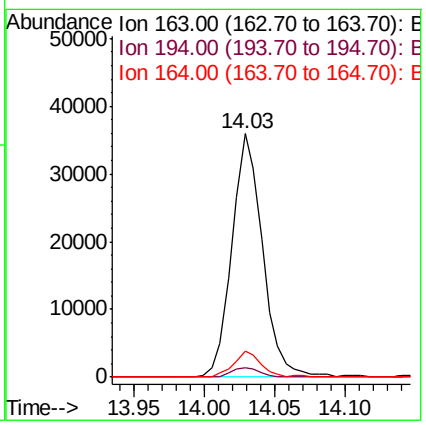


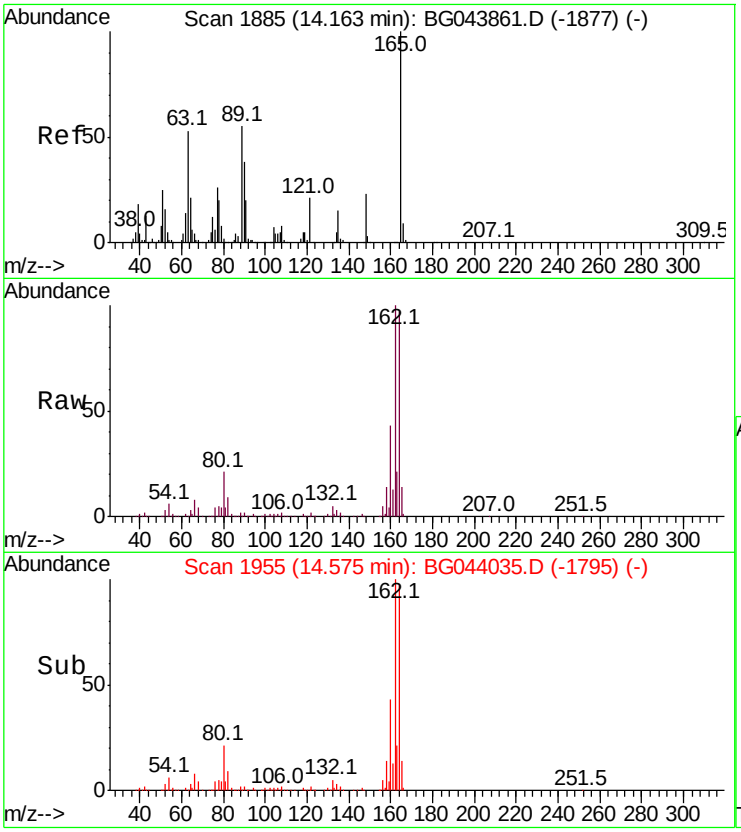


#50
Dimethylphthalate
Concen: 2.442 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:163 Resp: 54298

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.7	5.5#
164	10.5	9.3	13.9



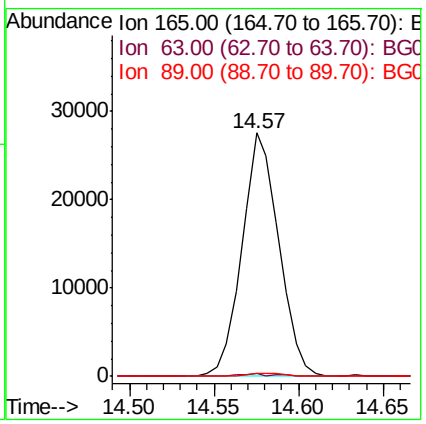


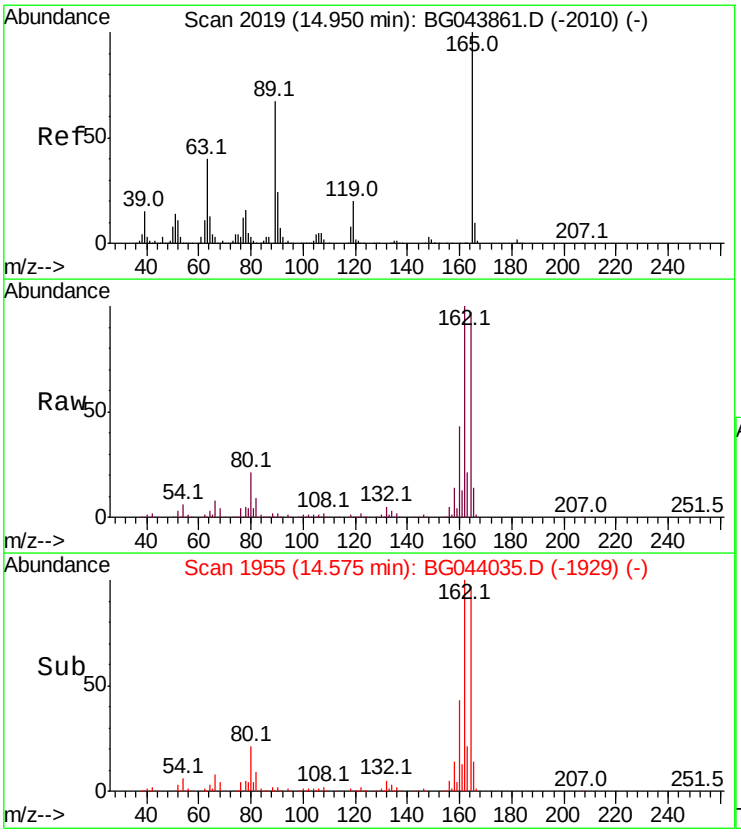
#51
2,6-Dinitrotoluene
Concen: 8.285 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 41644

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.1	64.7#
89	1.3	43.8	65.6#

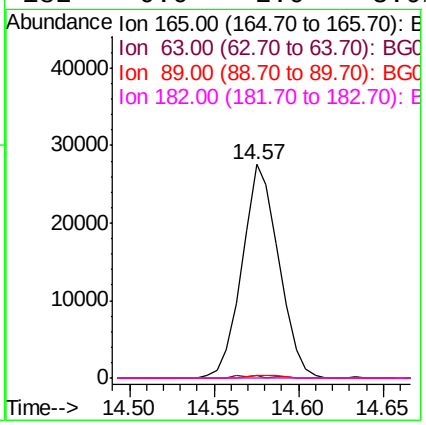


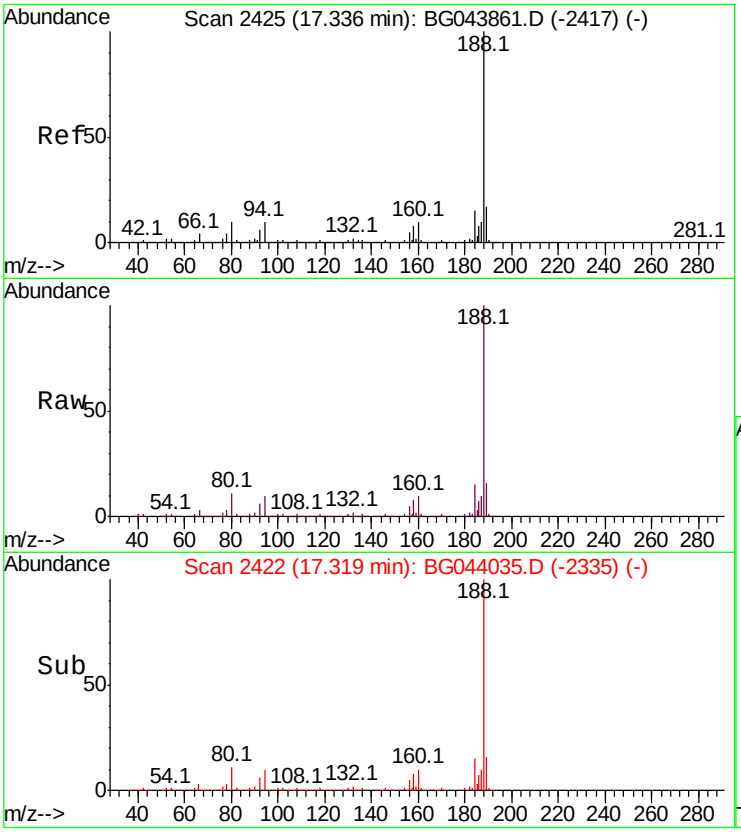


#57
2,4-Dinitrotoluene
Concen: 6.089 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:165 Resp: 41644

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.3	53.8	80.6#
182	0.0	2.0	3.0#



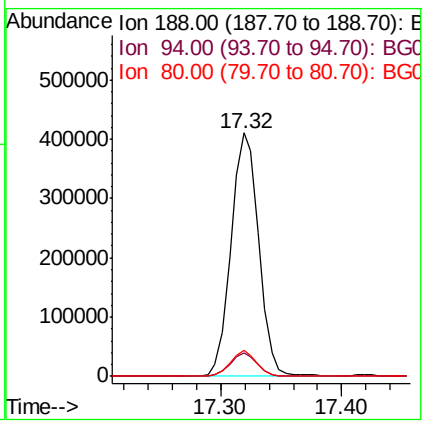


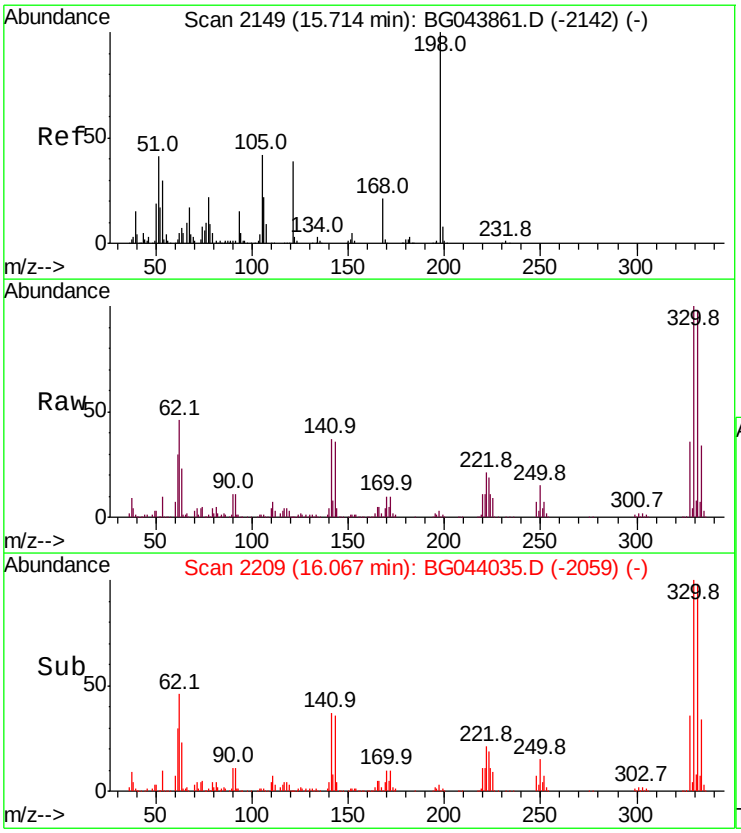
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 655099

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.5	8.2	12.4

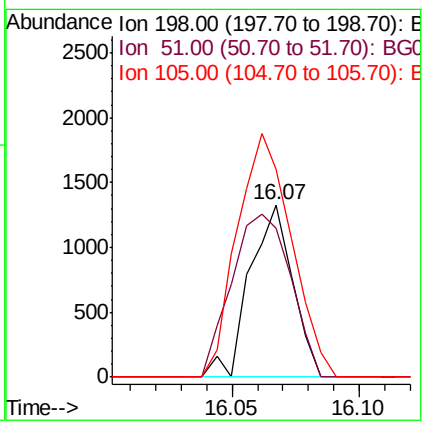


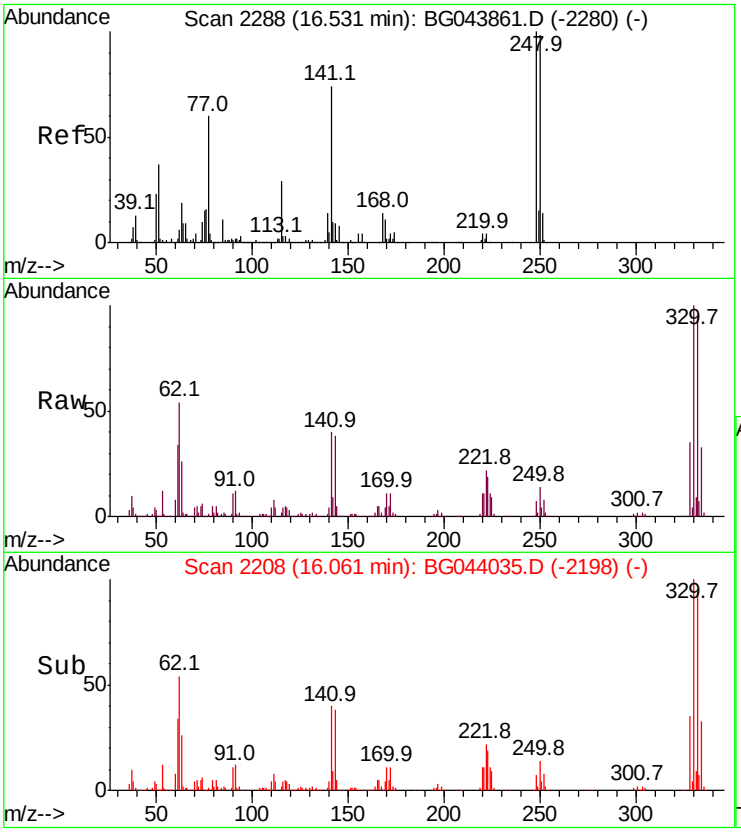


#65
4,6-Dinitro-2-methylphenol
Concen: 4.808 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.35 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:198 Resp: 1554

Ion	Ratio	Lower	Upper
198	100		
51	86.4	22.5	62.5#
105	120.5	22.3	62.3#



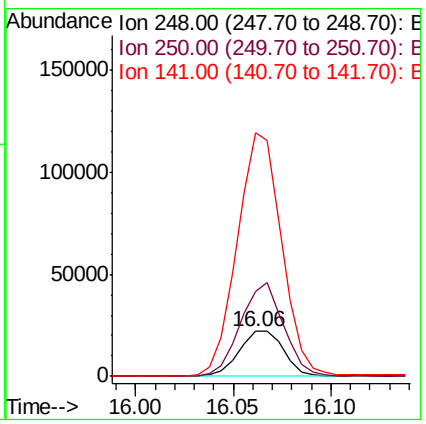


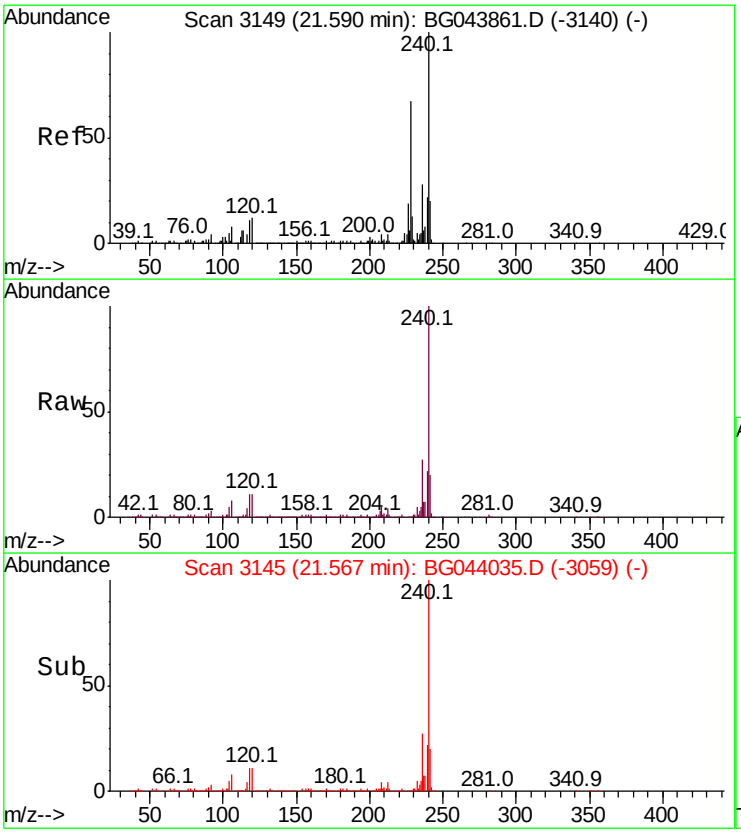
#67
4-Bromophenyl-phenylether
Concen: 4.755 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.47 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 35035

Ion	Ratio	Lower	Upper
248	100		
250	188.1	78.2	117.2#
141	540.5	59.3	88.9#

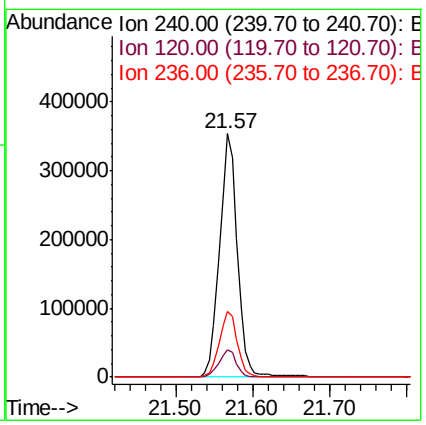


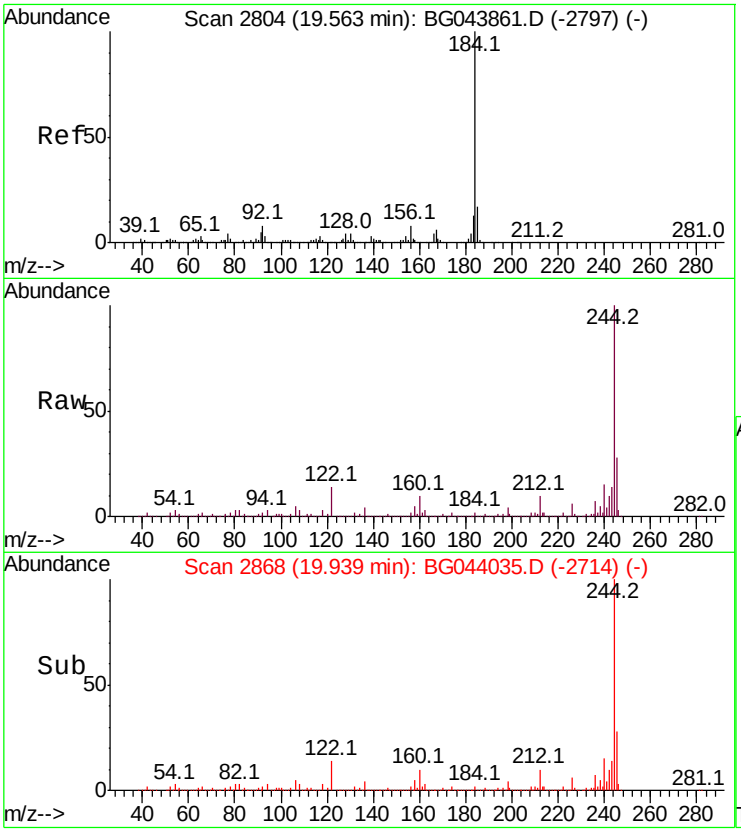


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:240 Resp: 569064

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	27.1	22.2	33.2



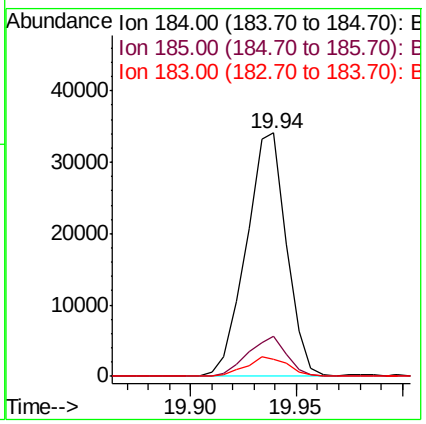


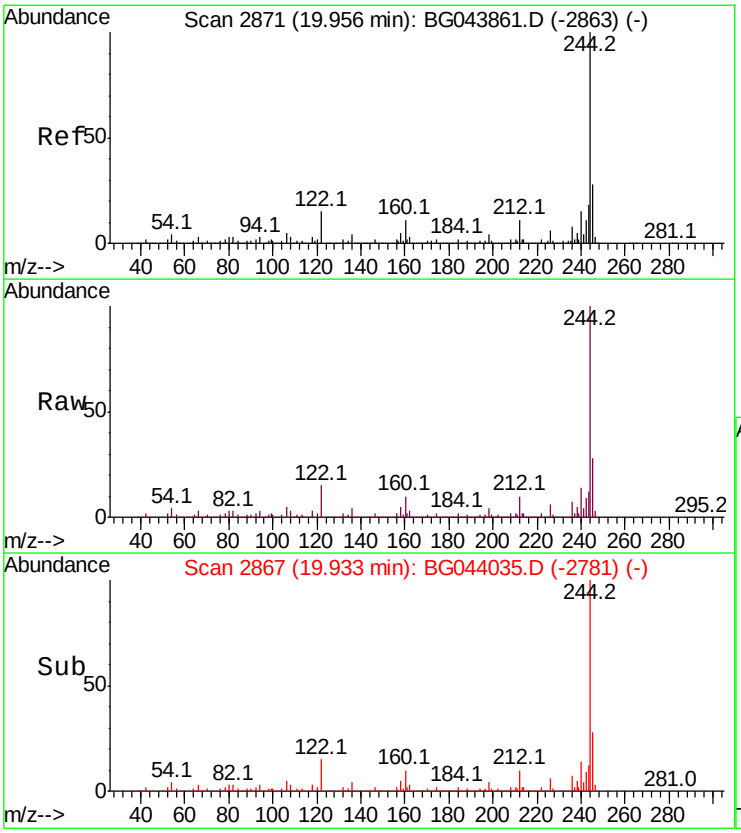
#77
Benzidine
Concen: 3.156 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 45148

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.4	20.0
183	7.1	10.6	15.8#

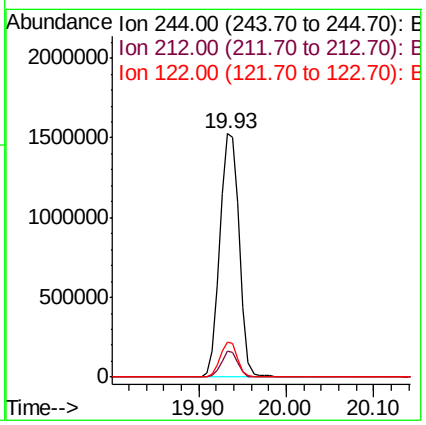


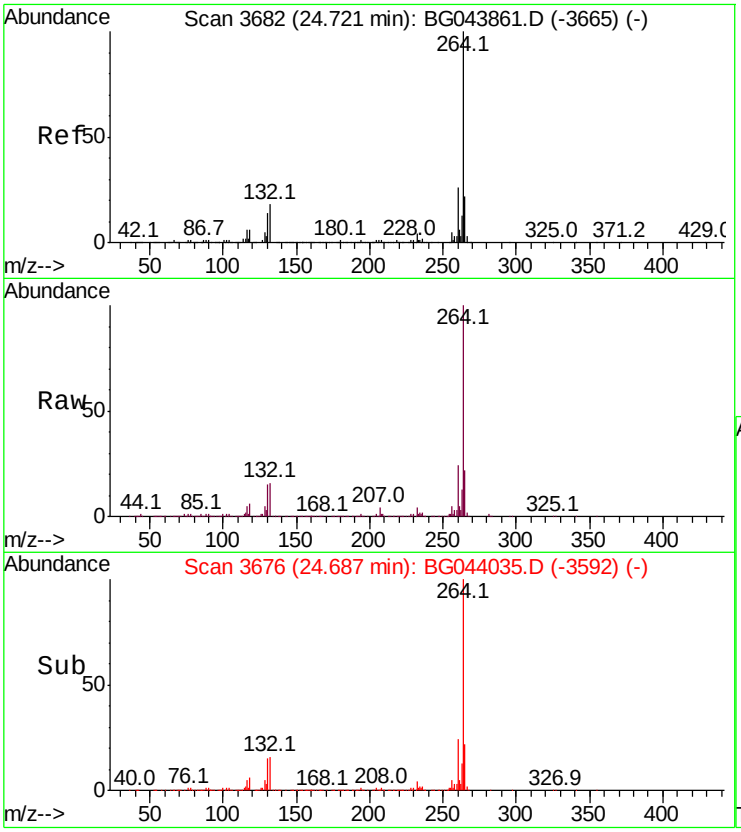


#79
Terphenyl-d14
Concen: 105.938 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion:244 Resp: 2349548

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.6	13.0
122	14.6	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 628976

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.7	17.4	26.2