Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044021.D
Acq On : 13 Jan 2020 20:59
Operator : JU
Sample : PB126034BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 10:16:40 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	119890	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	476724	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	309262	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	680213	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	639430	20.00	ng	-0.02
87) Perylene-d12	24.68	264	700328	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	431108	66.02	ng	-0.01
7) Phenol-d6	7.11	99	354730	38.87	ng	-0.01
23) Nitrobenzene-d5	9.10	82	791629	88.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	510702	157.80	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1626946	95.31	ng	-0.02
79) Terphenyl-d14	19.94	244	2461330	95.93	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	104414	15.362	ng	# 79
51) 2,6-Dinitrotoluene	14.57	165	40934	8.247	ng	# 26
57) 2,4-Dinitrotoluene	14.57	165	40934	6.061	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.07	198	1823	4.862	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	35879	4.690	ng	# 1
77) Benzidine	19.94	184	48295	3.005	ng	# 93

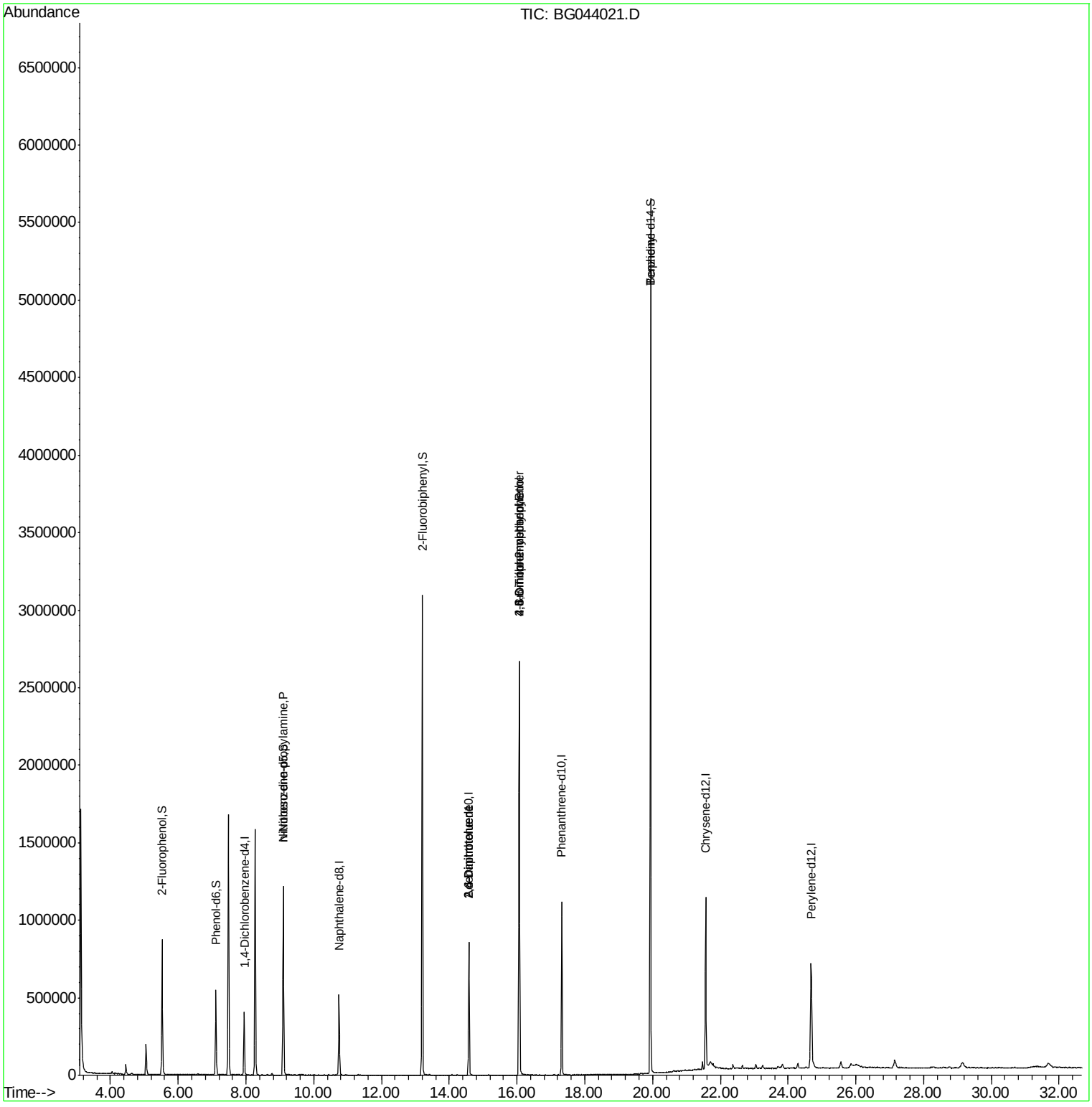
(#) = qualifier out of range (m) = manual integration (+) = signals summed

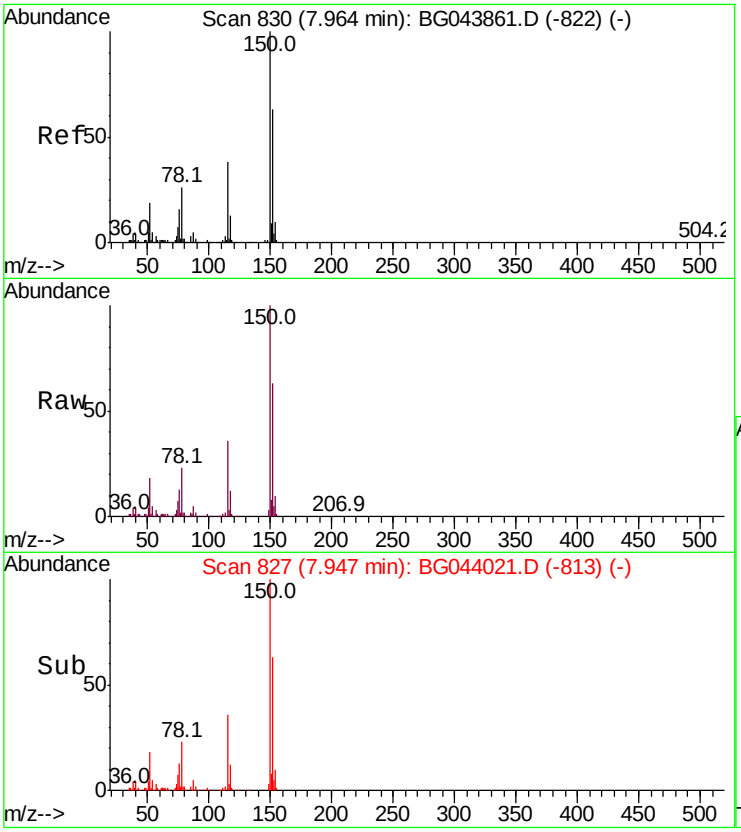
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044021.D
Acq On : 13 Jan 2020 20:59
Operator : JU
Sample : PB126034BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 10:16:40 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



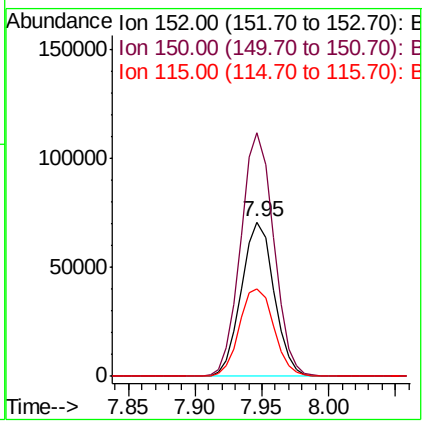


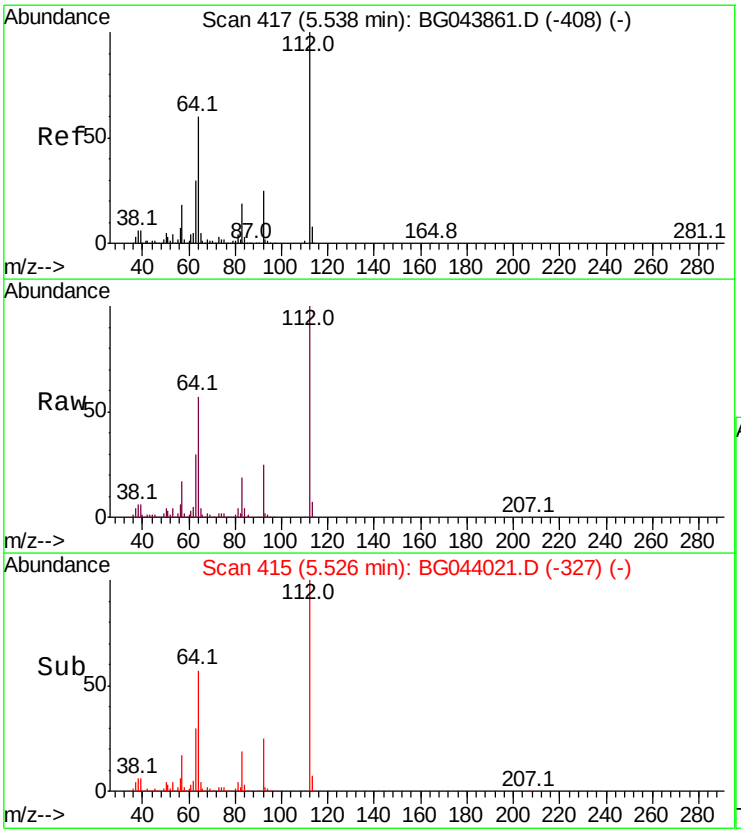
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 119890

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	56.7	47.8	71.8

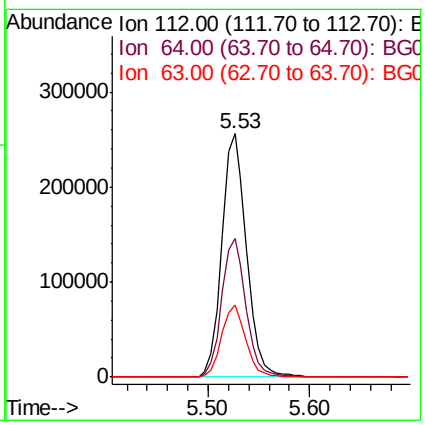


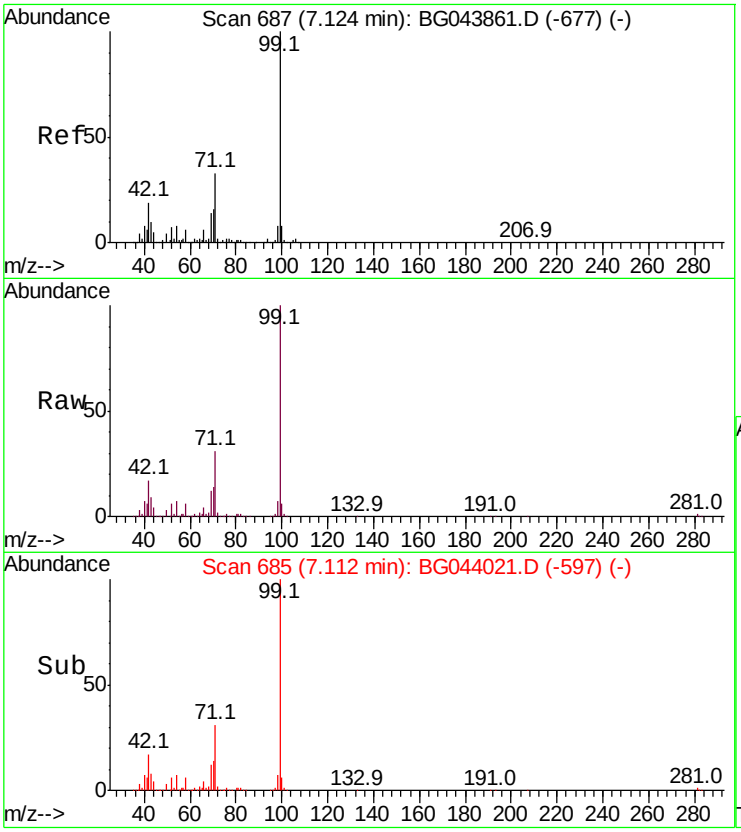


#5
2-Fluorophenol
Concen: 66.024 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:112 Resp: 431108

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.8	71.6
63	29.7	24.3	36.5



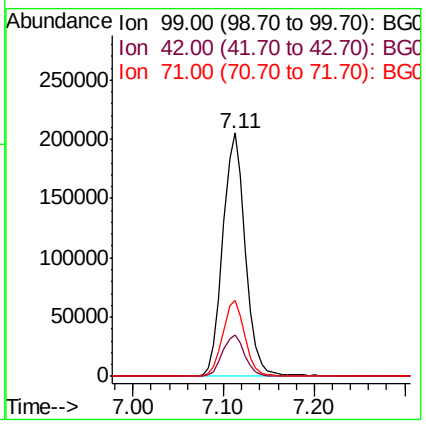


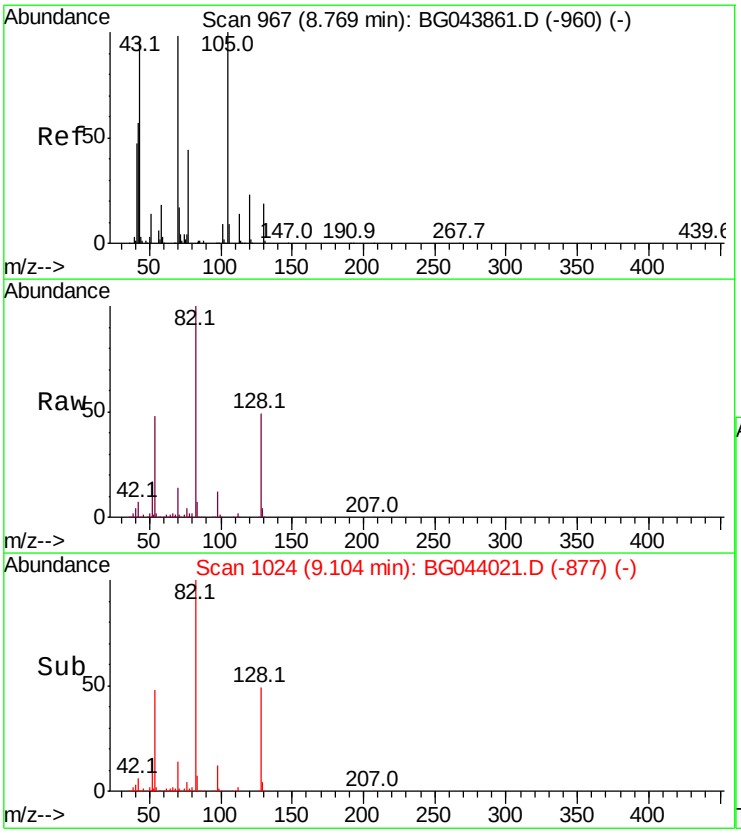
#7
Phenol-d6
Concen: 38.866 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 354730

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	31.0	26.4	39.6

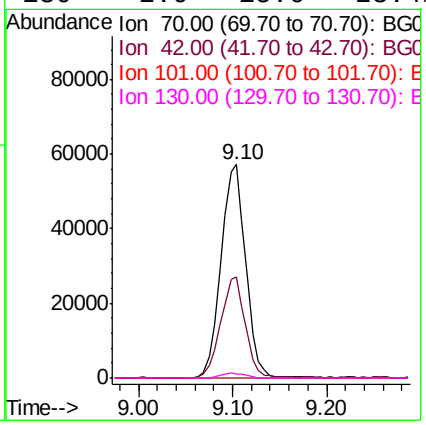


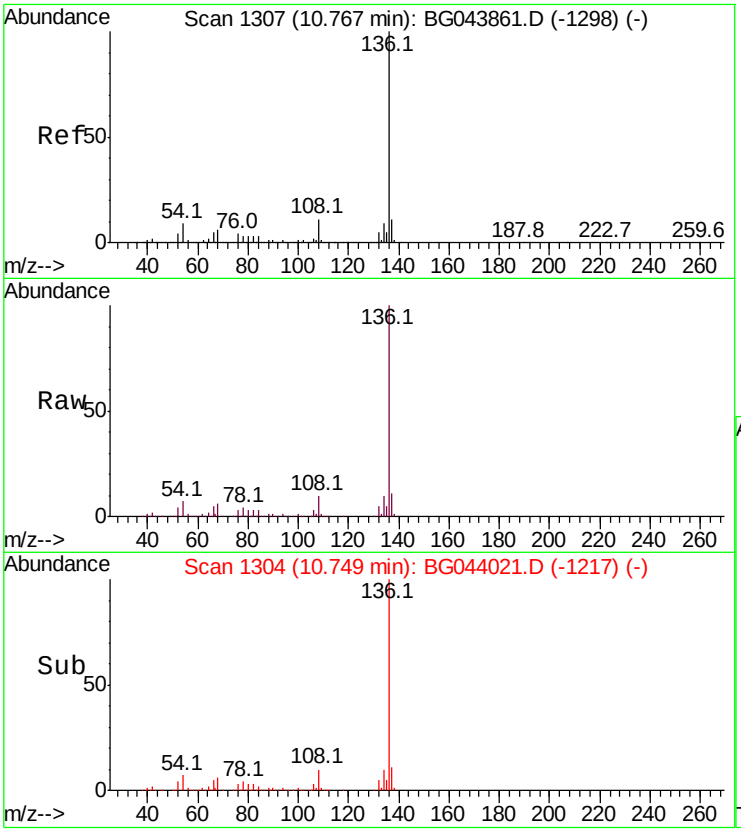


#19
n-Nitroso-di-n-propylamine
Concen: 15.362 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.33 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion: 70 Resp: 104414

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.0	70.4
101	0.0	7.2	10.8#
130	2.0	15.6	23.4#



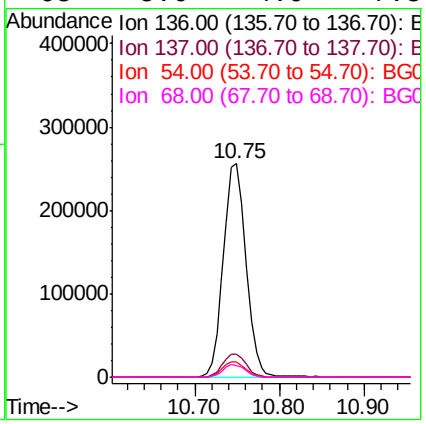


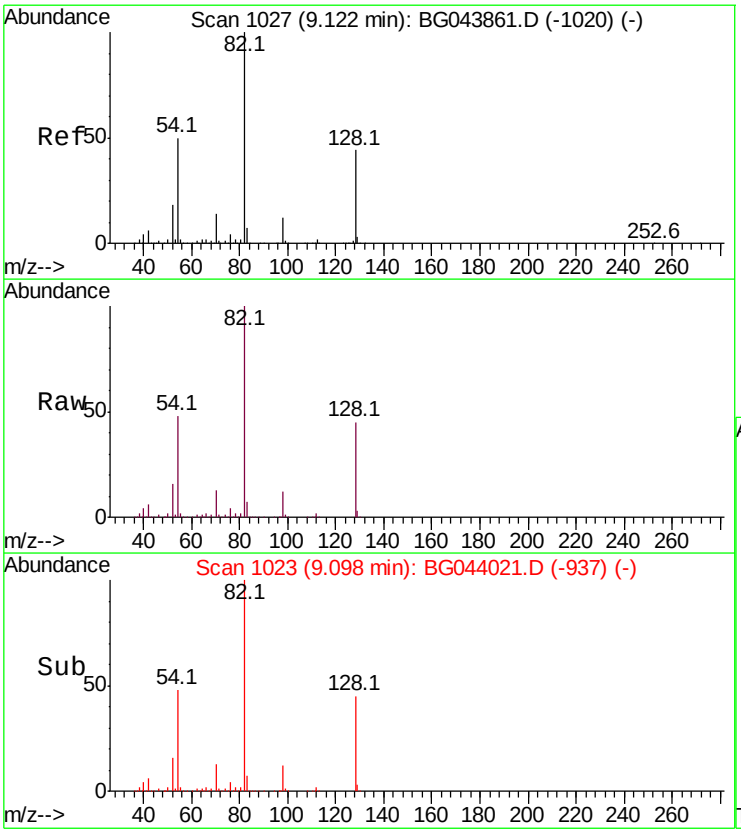
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 476724

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	7.0	10.4
68	5.6	4.9	7.3

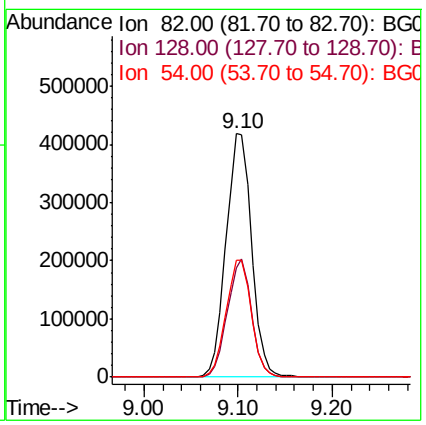


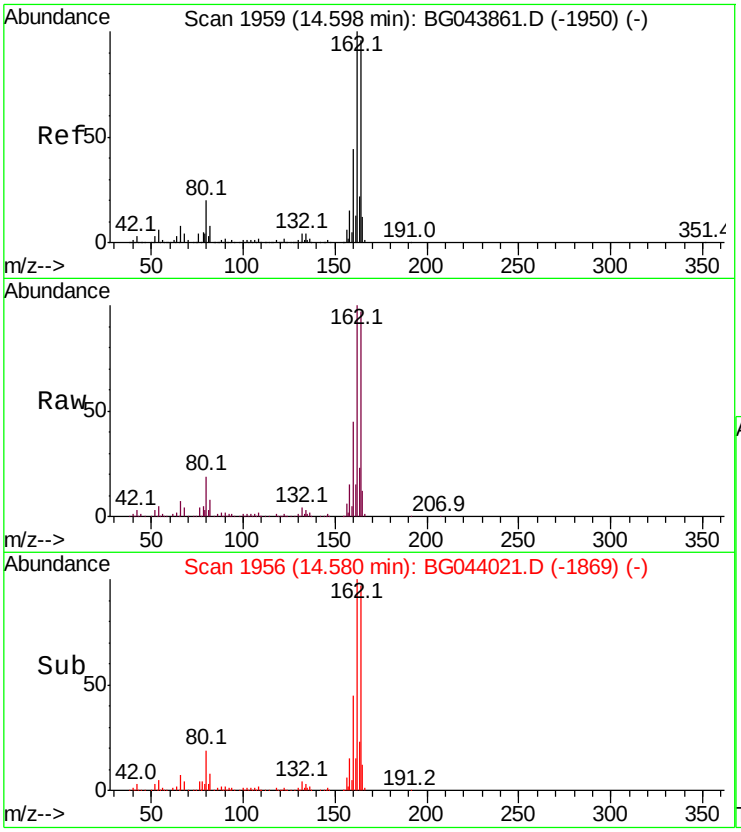


#23
Nitrobenzene-d5
Concen: 88.833 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion: 82 Resp: 791629

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	48.2	40.1	60.1



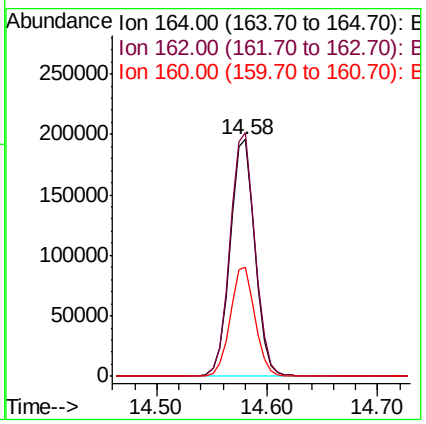


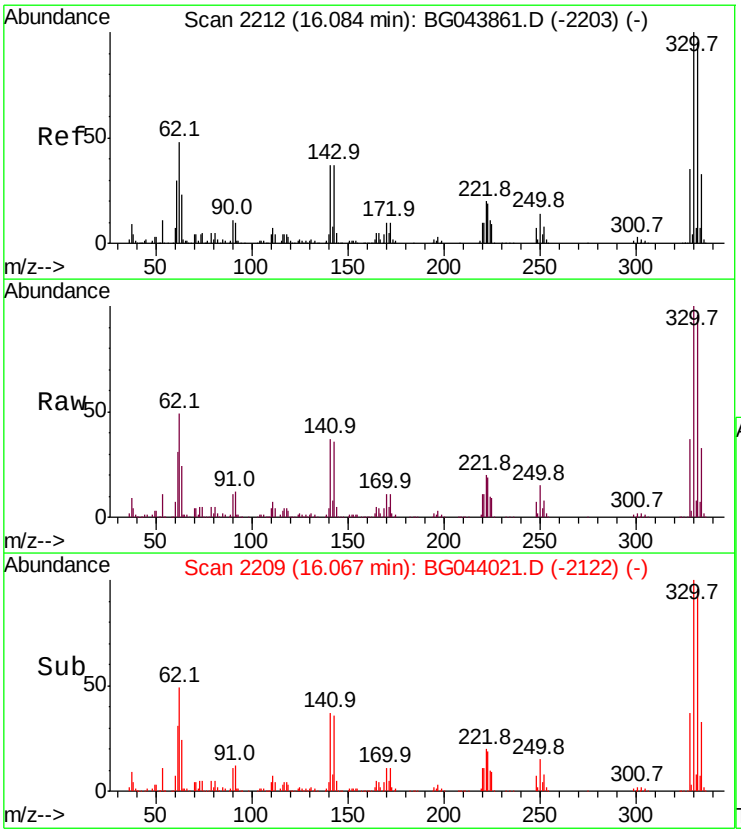
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 309262

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	46.0	36.1	54.1

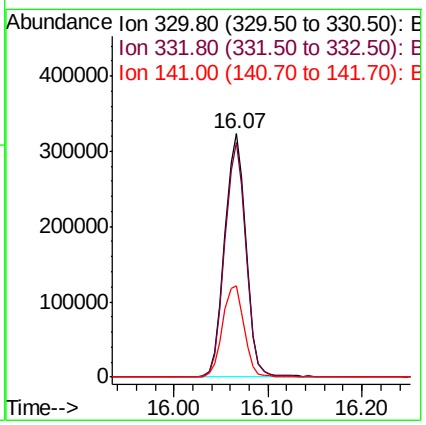


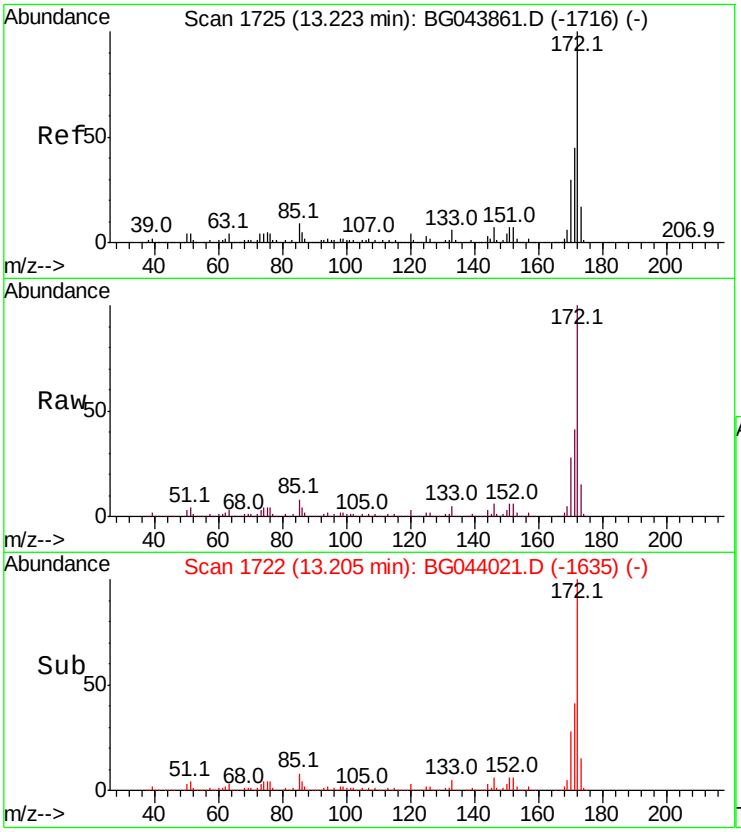


#42
2,4,6-Tribromophenol
Concen: 157.801 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:330 Resp: 510702

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



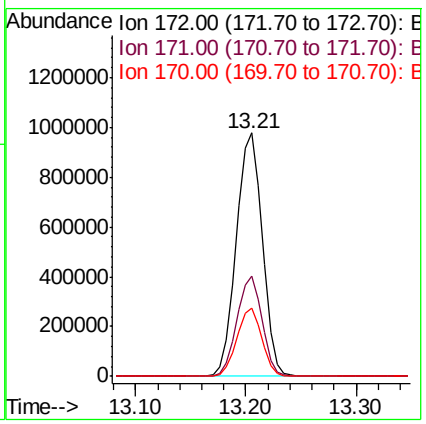


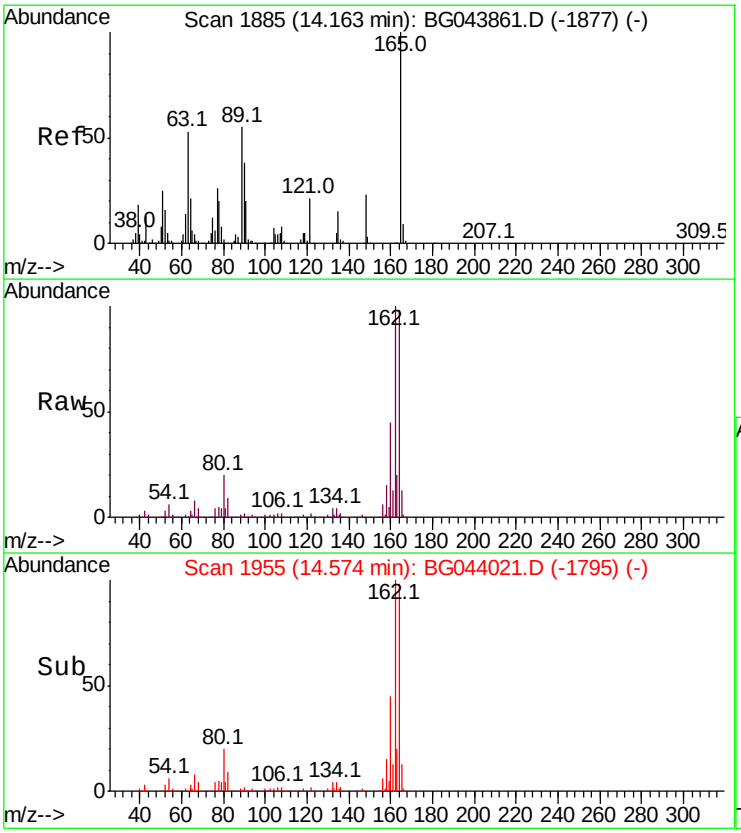
#45
2-Fluorobiphenyl
Concen: 95.312 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1626946

Ion	Ratio	Lower	Upper
172	100		
171	41.3	35.8	53.8
170	28.0	24.2	36.4

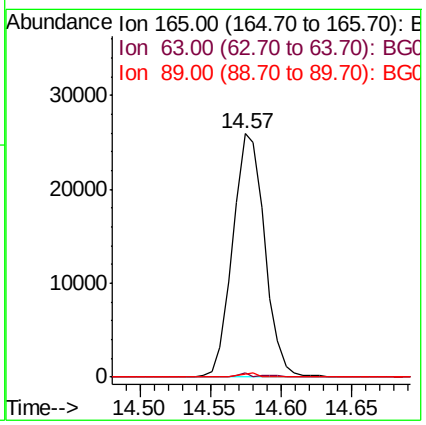


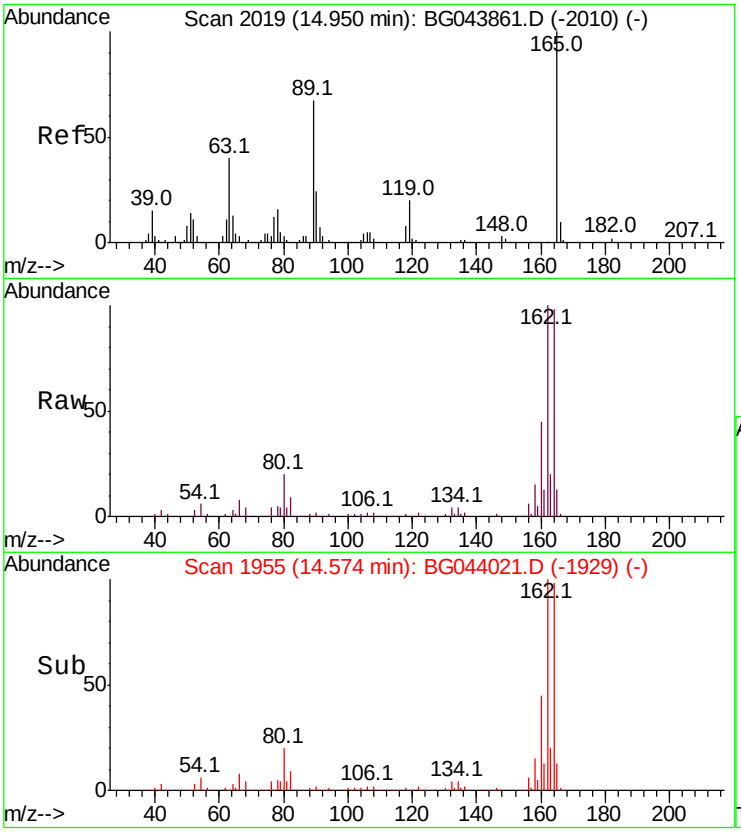


#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:165 Resp: 40934

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.1	64.7#
89	1.0	43.8	65.6#



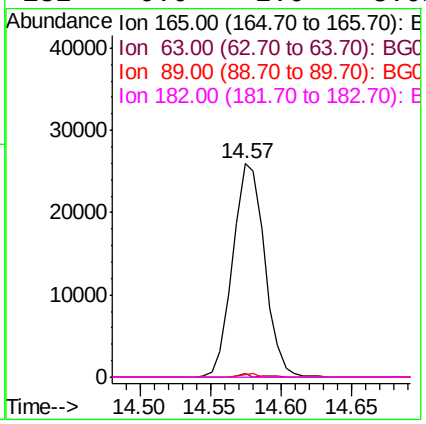


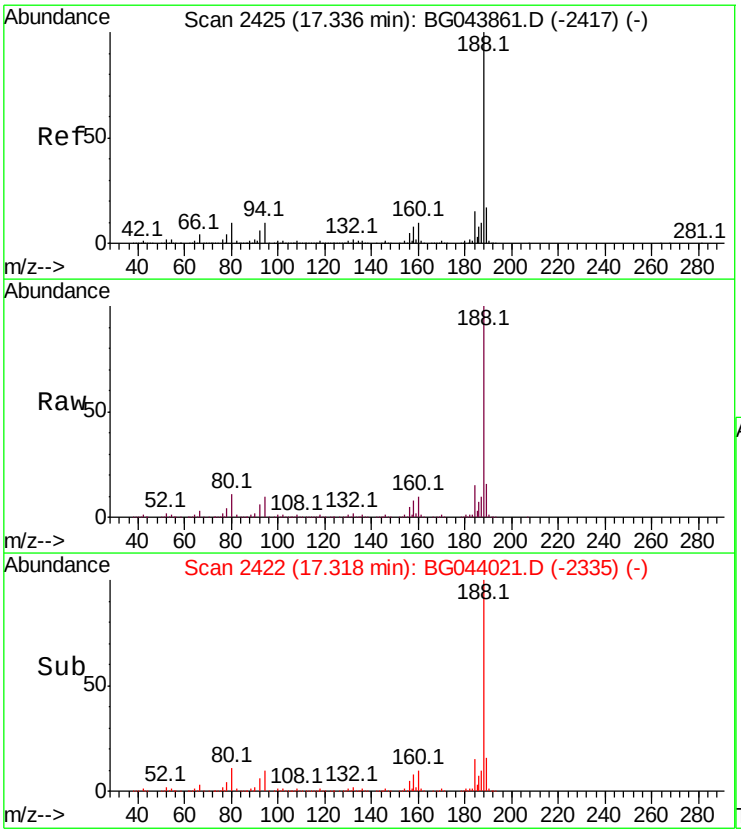
#57
2,4-Dinitrotoluene
Concen: 6.061 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 40934

Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.9	47.9#
89	1.0	53.8	80.6#
182	0.0	2.0	3.0#

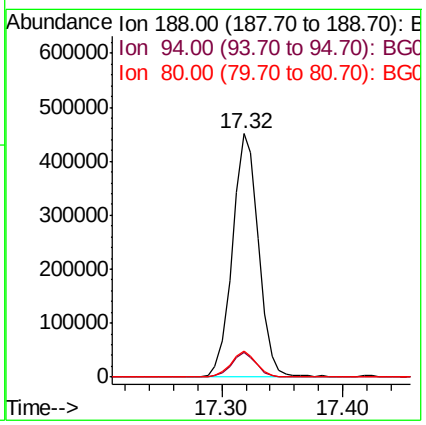


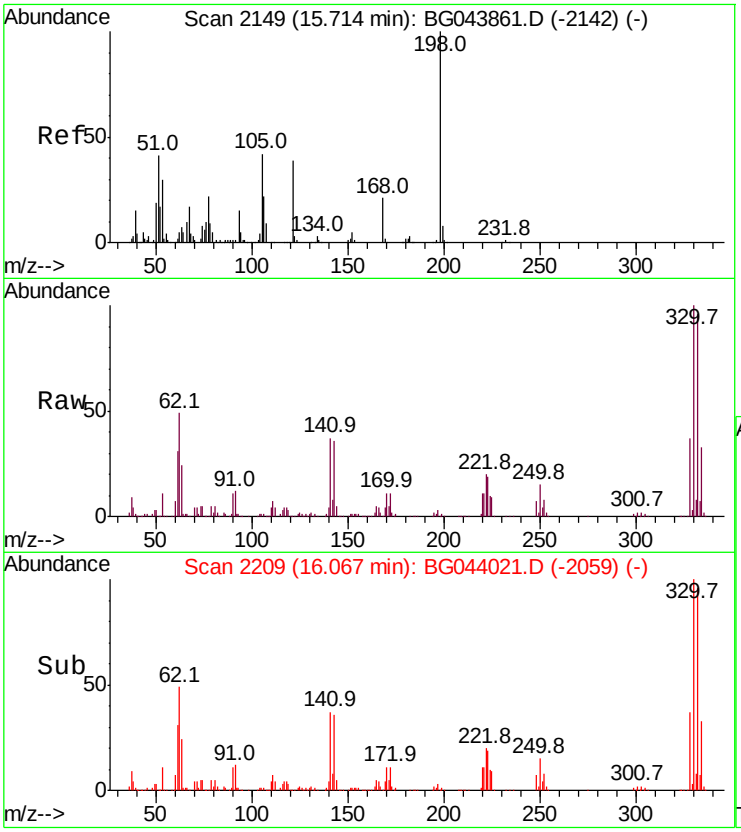


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:188 Resp: 680213

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	10.7	8.2	12.4



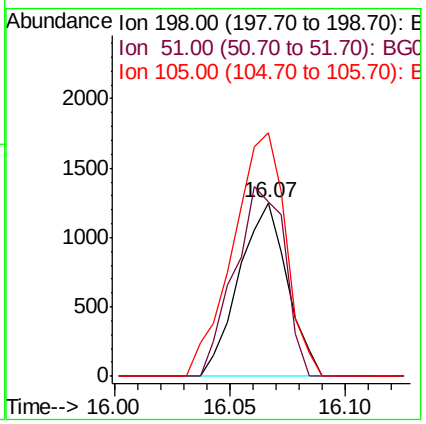


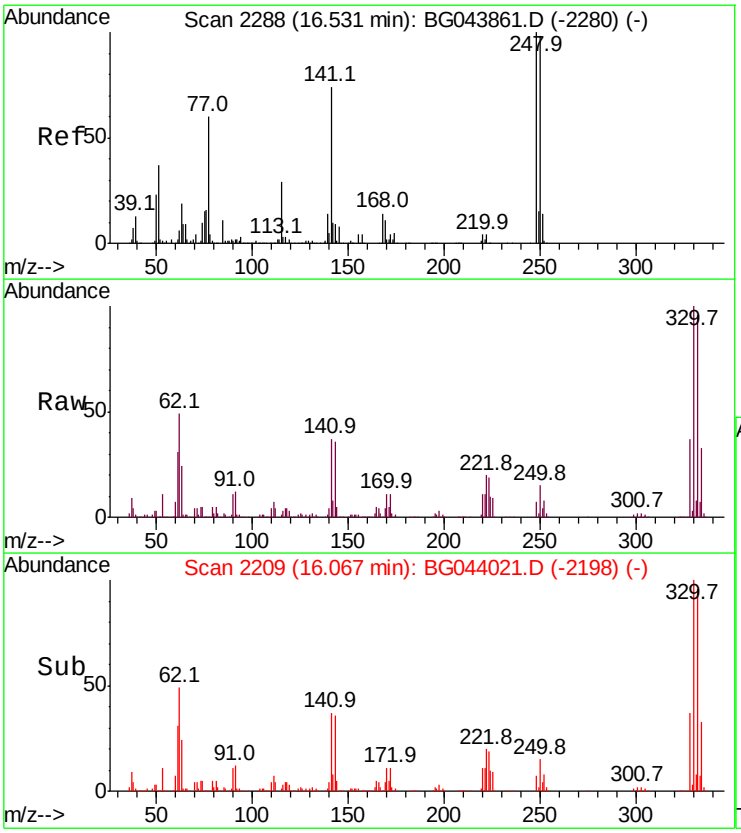
#65
4,6-Dinitro-2-methylphenol
Concen: 4.862 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.35 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1823

Ion	Ratio	Lower	Upper
198	100		
51	100.5	22.5	62.5#
105	140.2	22.3	62.3#

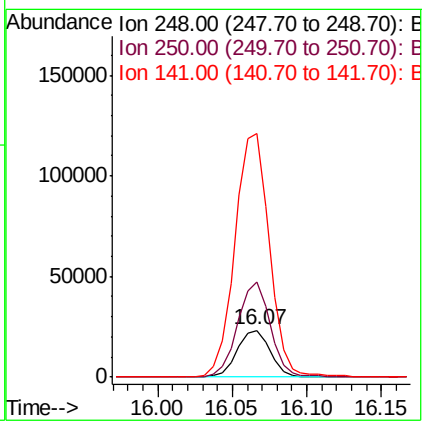


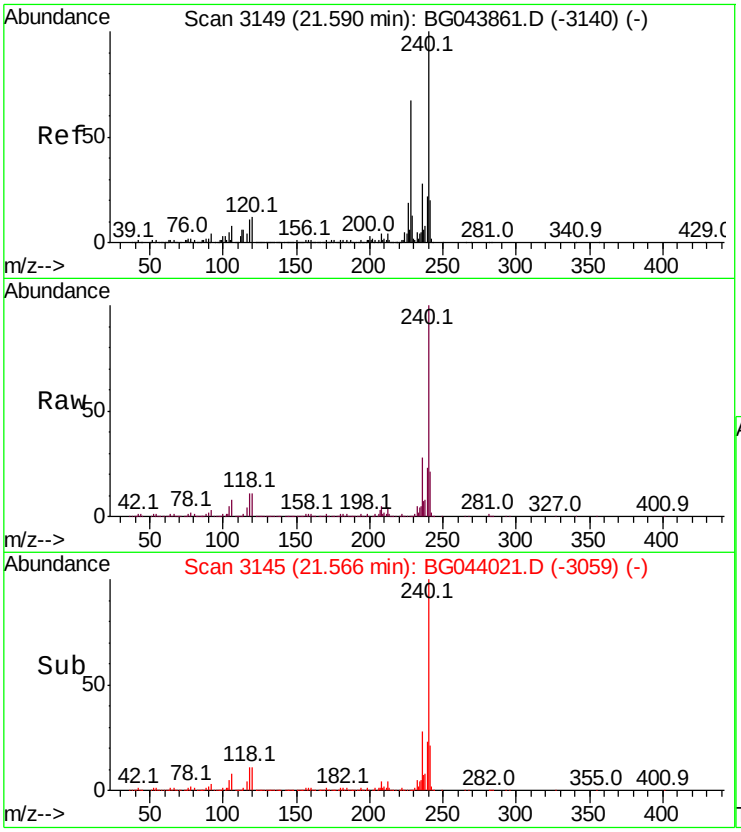


#67
4-Bromophenyl-phenylether
Concen: 4.690 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:248 Resp: 35879

Ion	Ratio	Lower	Upper
248	100		
250	202.2	78.2	117.2#
141	520.5	59.3	88.9#



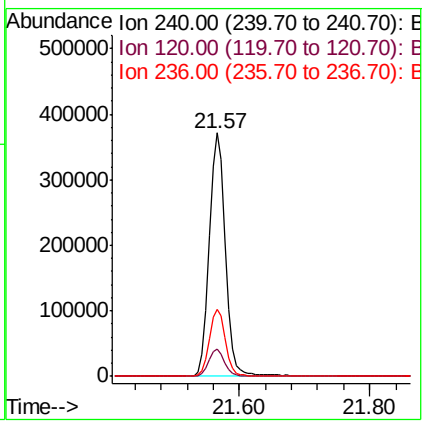


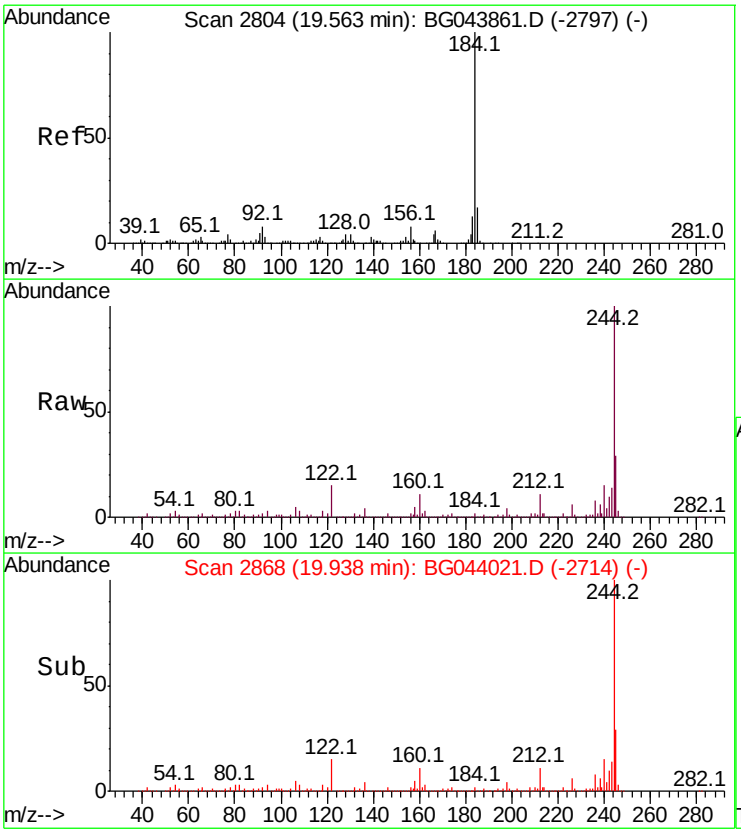
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 639430

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	27.7	22.2	33.2

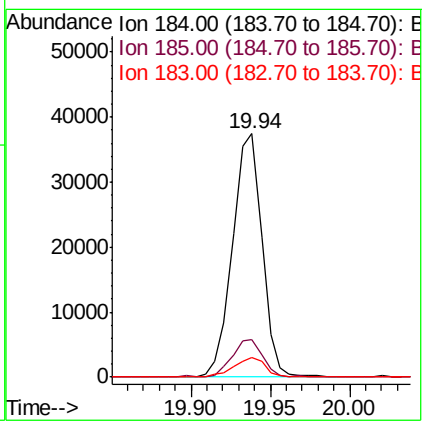


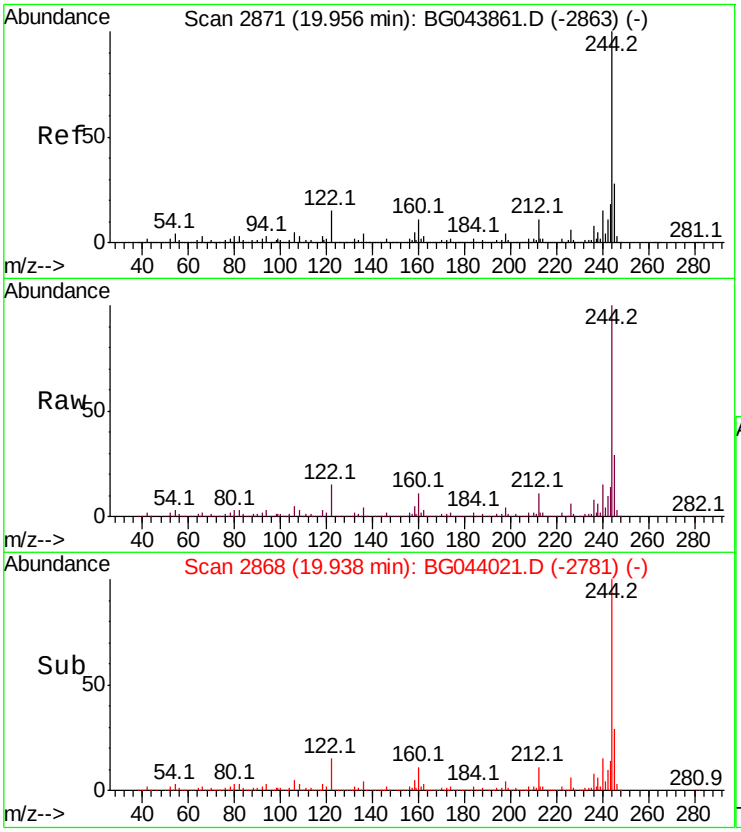


#77
Benzidine
Concen: 3.005 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:184 Resp: 48295

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	8.0	10.6	15.8#



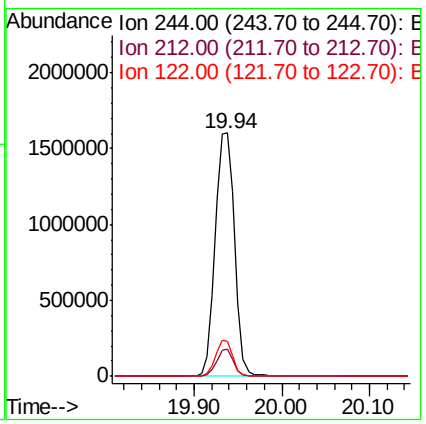


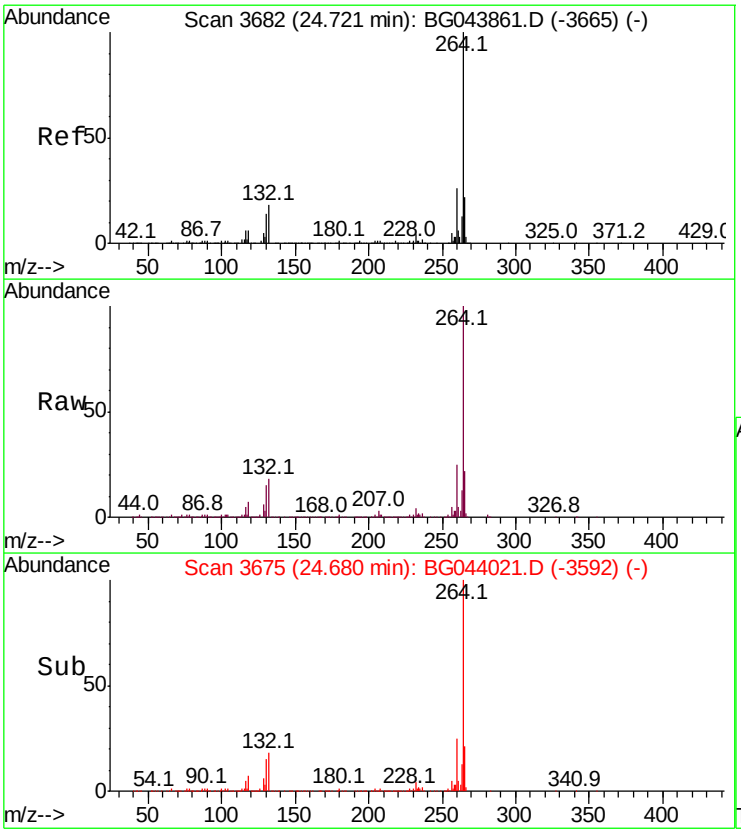
#79
Terphenyl-d14
Concen: 95.932 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2461330

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.6	13.0
122	14.6	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.04 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:264 Resp: 700328

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.6	17.4	26.2