Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044992.D
Acq On : 15 Apr 2020 21:36
Operator : CG/JU
Sample : L2123-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-041420

Quant Time: Apr 16 05:03:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62081	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254706	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	190176	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	503965	20.00	ng	0.00
76) Chrysene-d12	21.66	240	554891	20.00	ng	0.00
87) Perylene-d12	24.85	264	580479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	513371	136.52	ng	0.00
7) Phenol-d6	7.18	99	664248	118.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	564798	101.18	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	460905	156.88	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1329719	102.53	ng	0.00
79) Terphenyl-d14	20.01	244	2630234	103.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.18	77	1569	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	75753	19.173	ng	# 80
32) Benzoic acid	10.03	122	55	6.389	ng	# 1
51) 2,6-Dinitrotoluene	14.66	165	25123	7.254	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	25123	4.963	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	31280	4.811	ng	# 1
69) Atrazine	16.55	200	55	Below Cal	#	17
74) Di-n-butylphthalate	18.37	149	1175	Below Cal	#	76
75) Fluoranthene	19.65	202	121	Below Cal		62
77) Benzidine	19.62	184	68319	Below Cal		98

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
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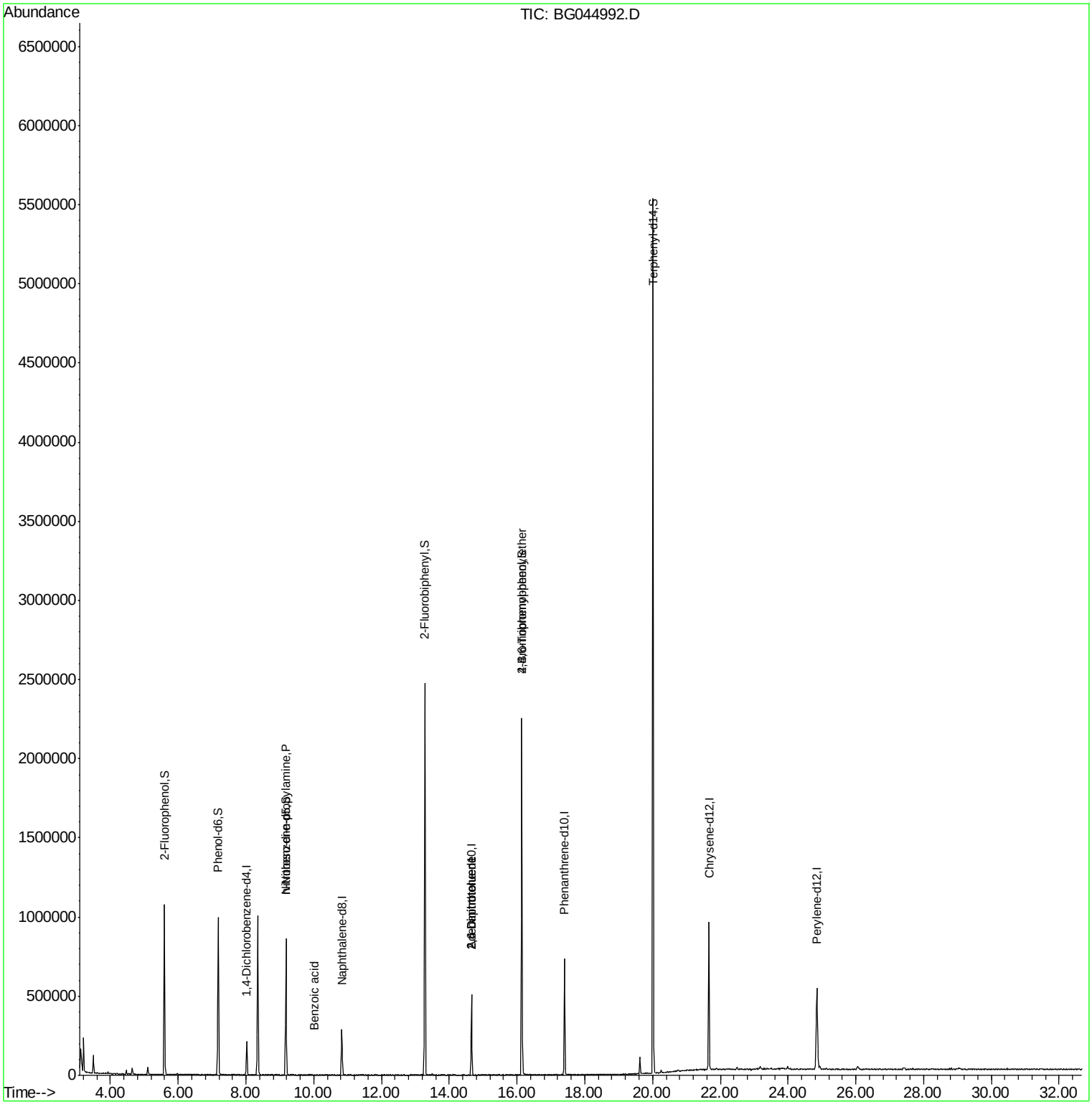
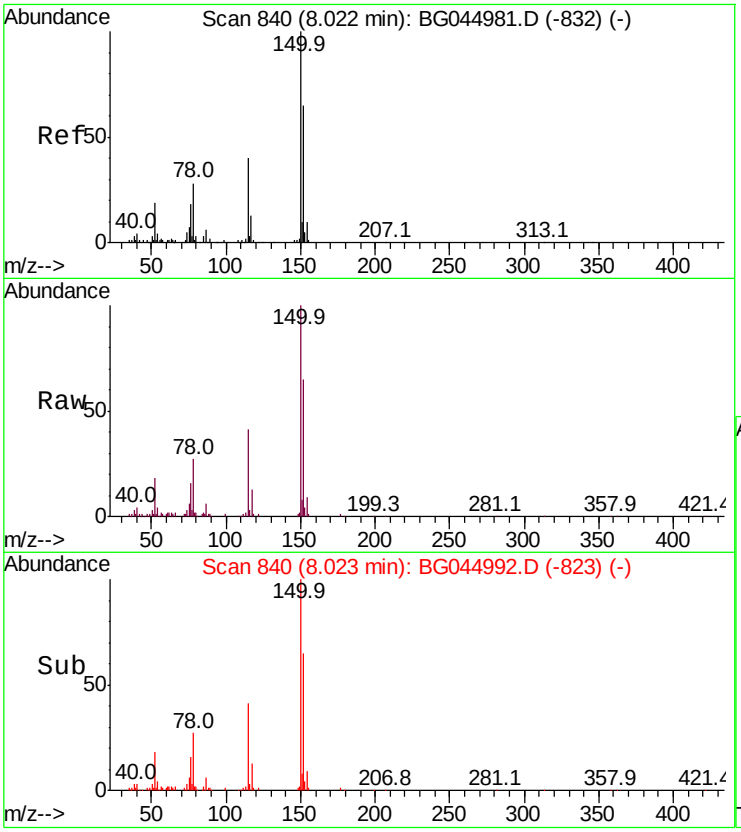


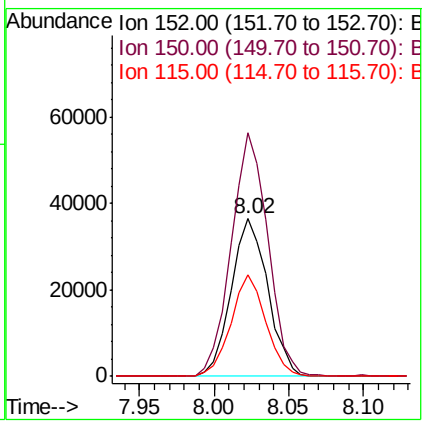


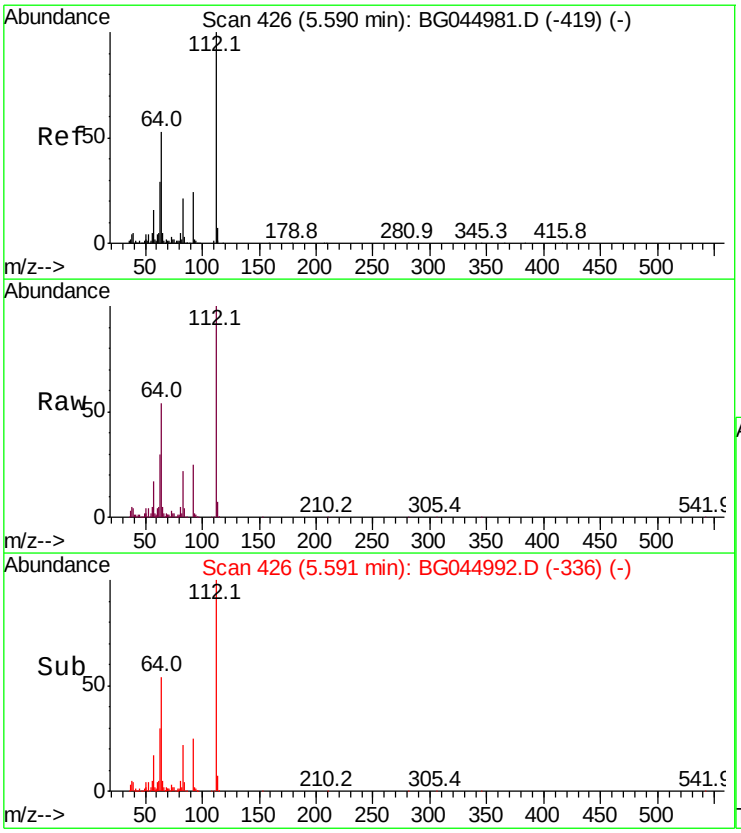
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:152 Resp: 62081

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.6	185.4
115	64.0	49.1	73.7

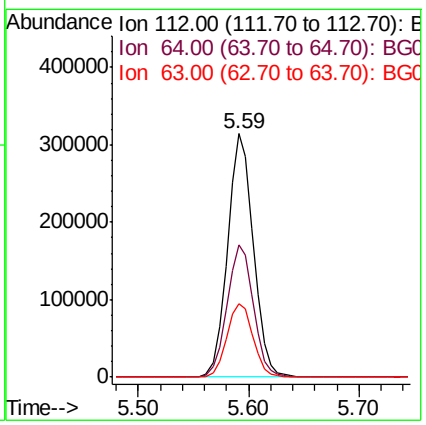


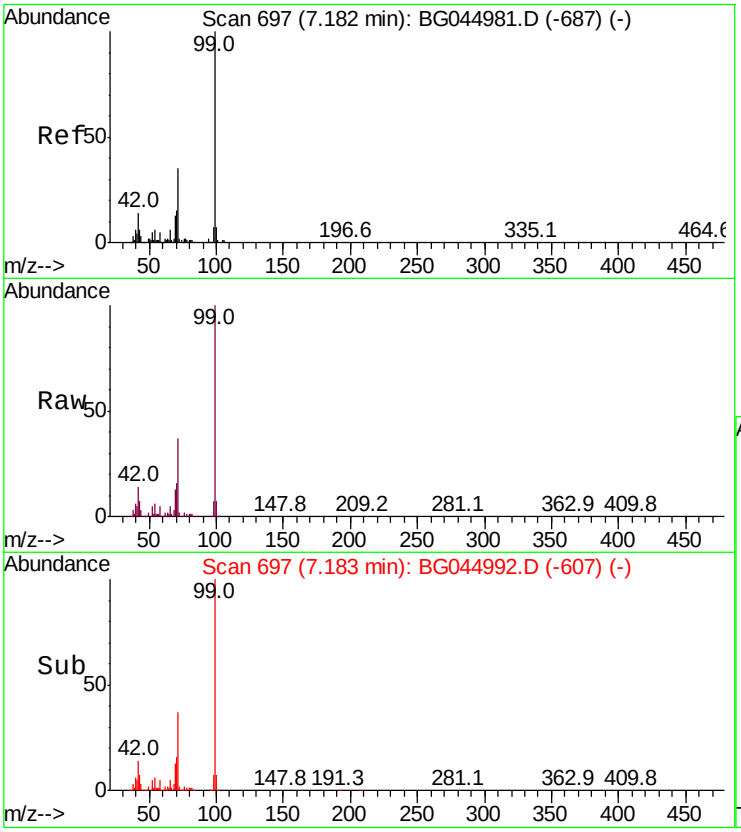


#5
2-Fluorophenol
Concen: 136.523 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:112 Resp: 513371

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.4	63.6
63	30.4	23.1	34.7



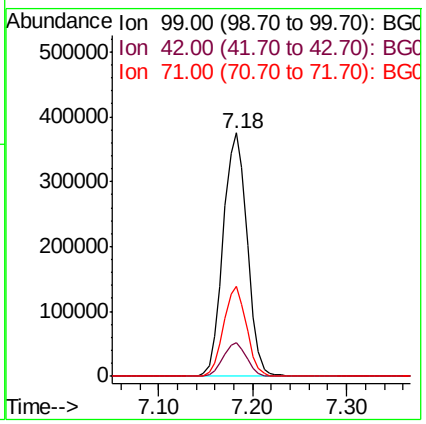


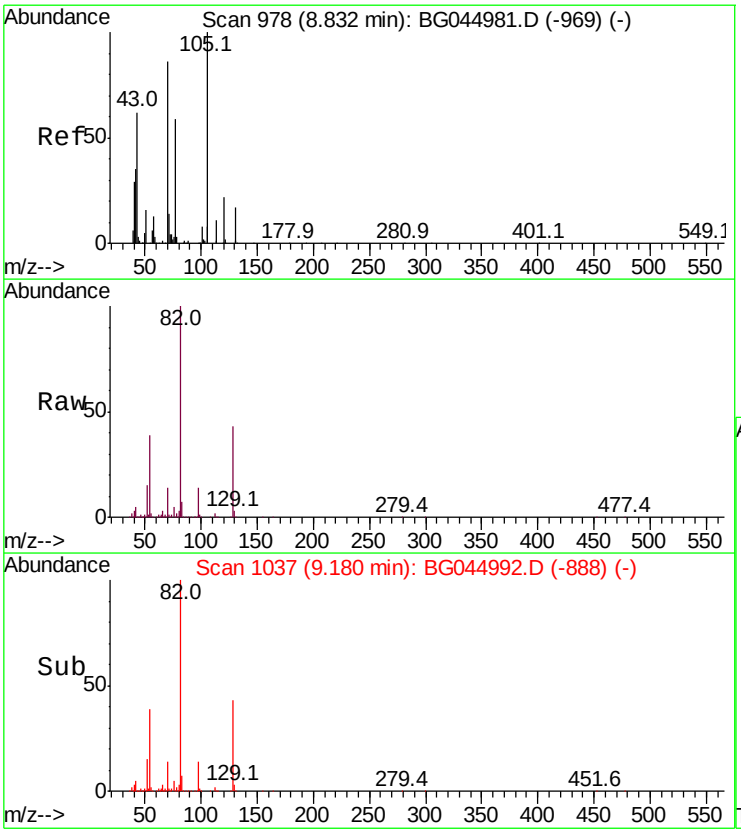
#7
Phenol-d6
Concen: 118.894 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion: 99 Resp: 664248

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.3	16.9
71	36.8	28.3	42.5

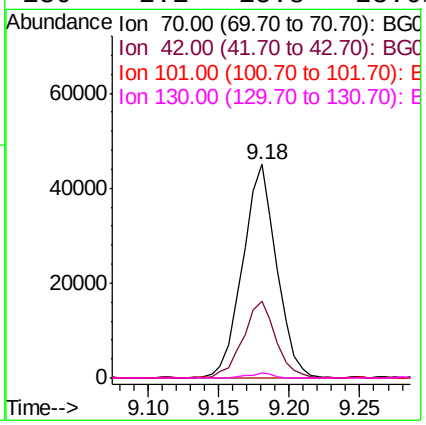


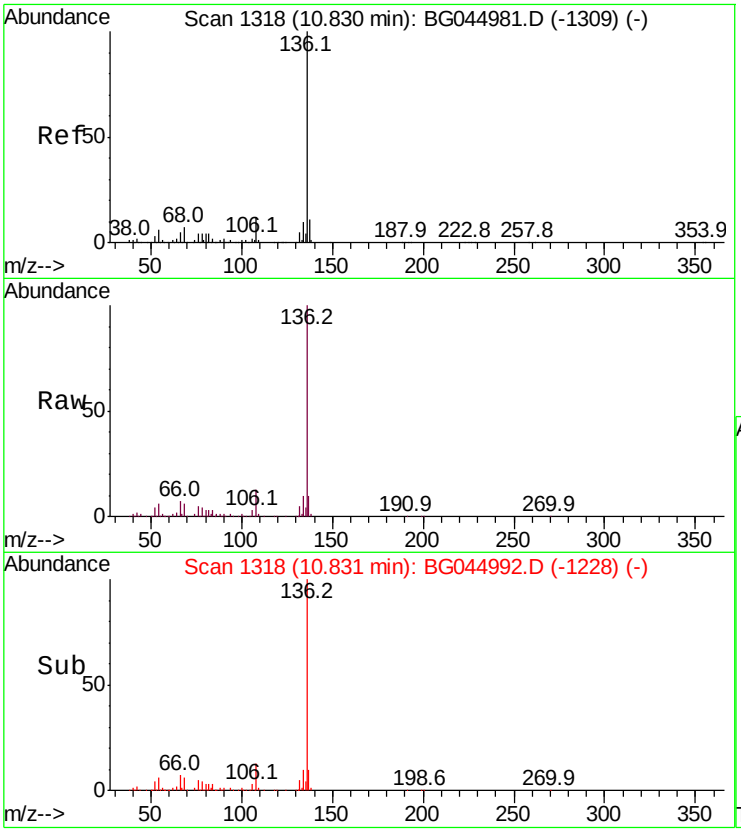


#19
n-Nitroso-di-n-propylamine
Concen: 19.173 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion: 70 Resp: 75753

Ion	Ratio	Lower	Upper
70	100		
42	35.8	33.3	49.9
101	0.0	7.8	11.8#
130	2.1	15.8	23.6#



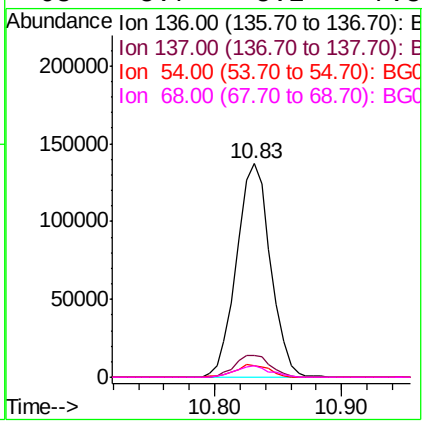


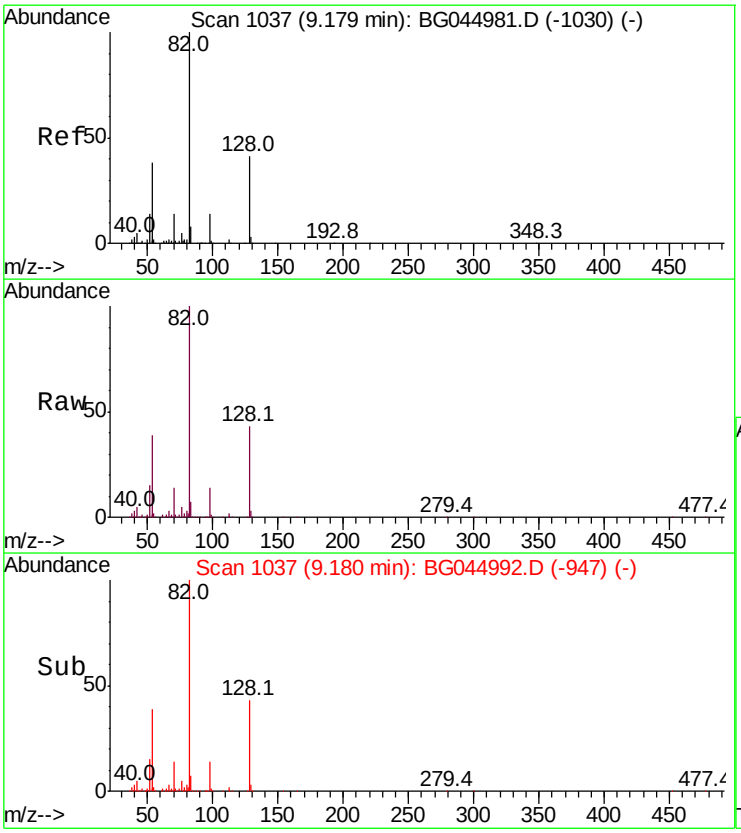
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:136 Resp: 254706

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.5	4.8	7.2
68	5.7	5.2	7.8

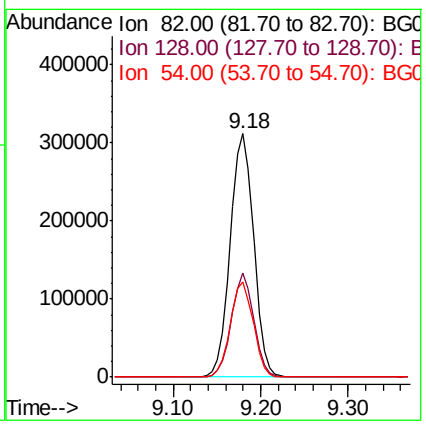


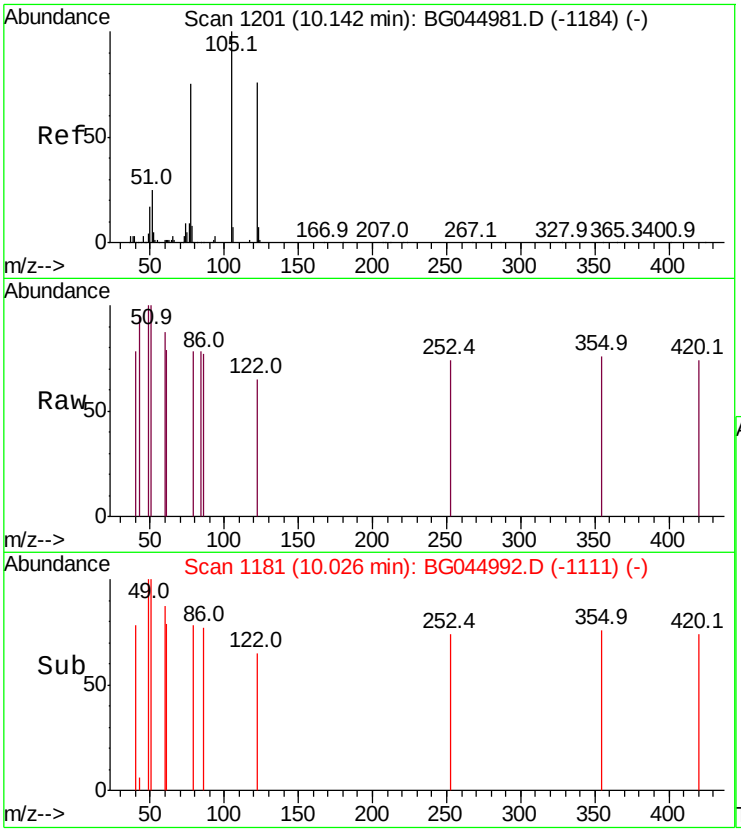


#23
Nitrobenzene-d5
Concen: 101.180 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion: 82 Resp: 564798

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	39.2	30.4	45.6



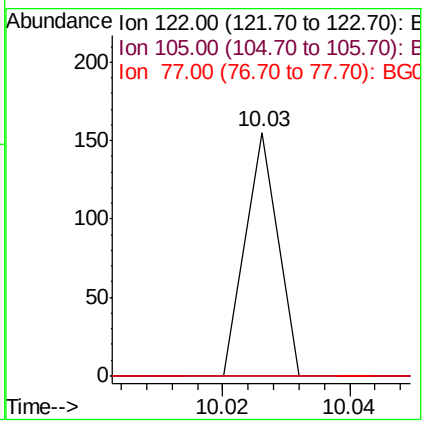


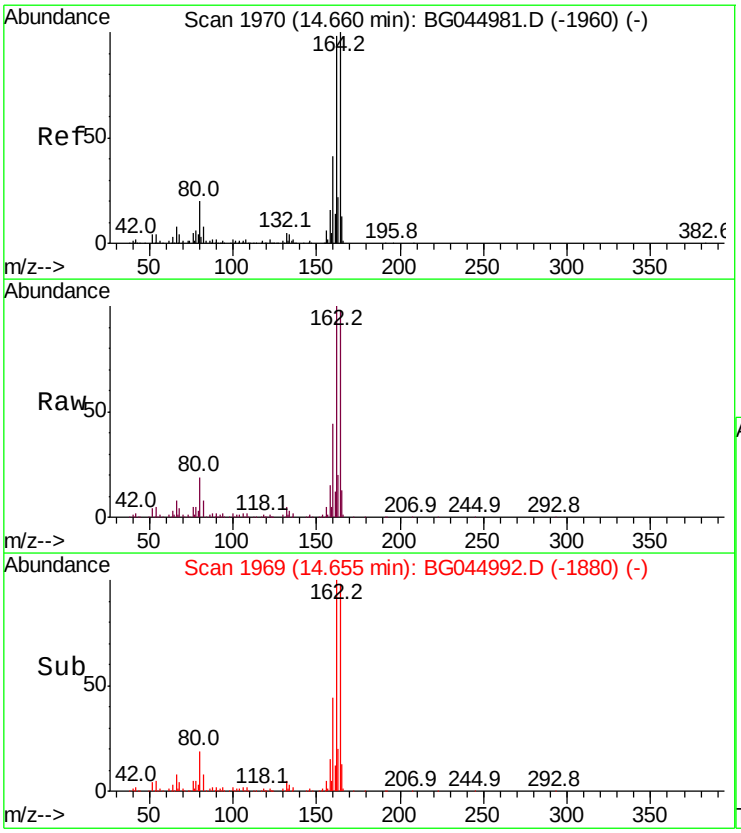
#32
Benzoic acid
Concen: 6.389 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.12 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

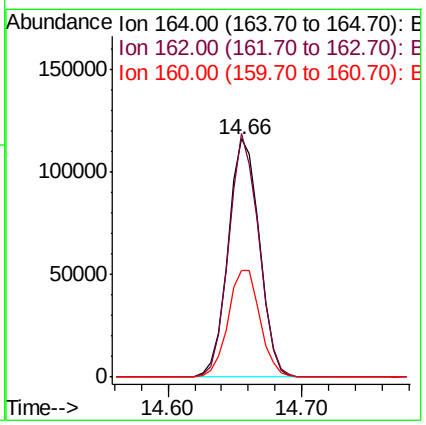


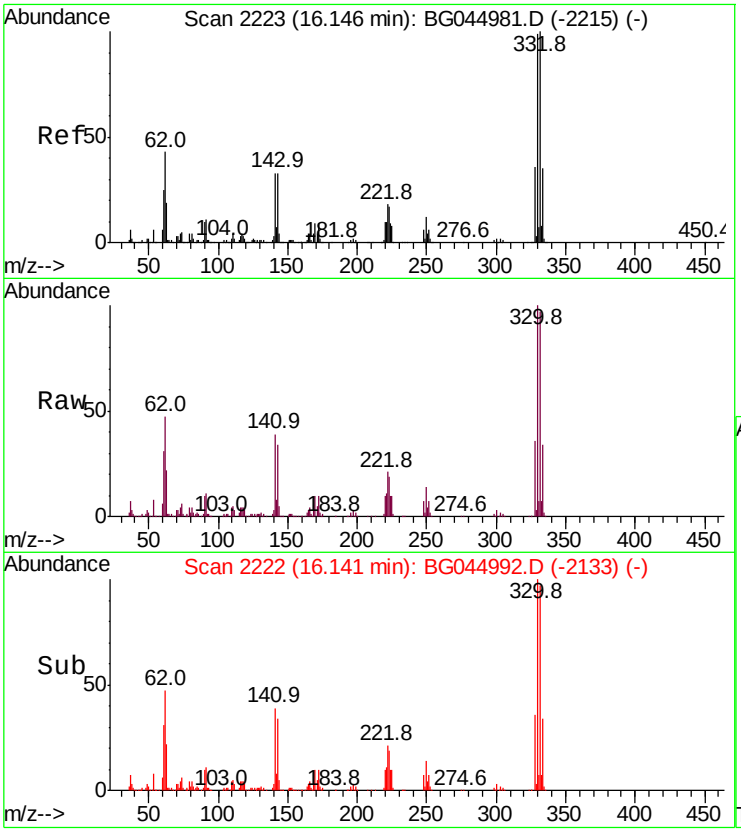


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:164 Resp: 190176

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.7	118.1
160	44.7	32.8	49.2



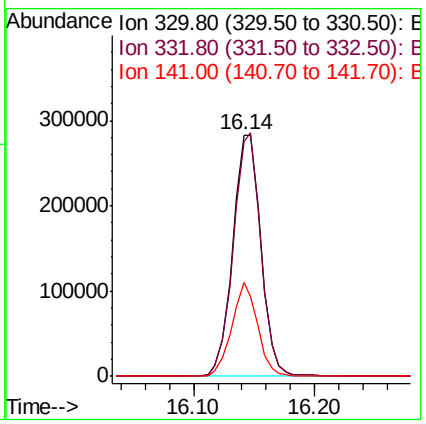


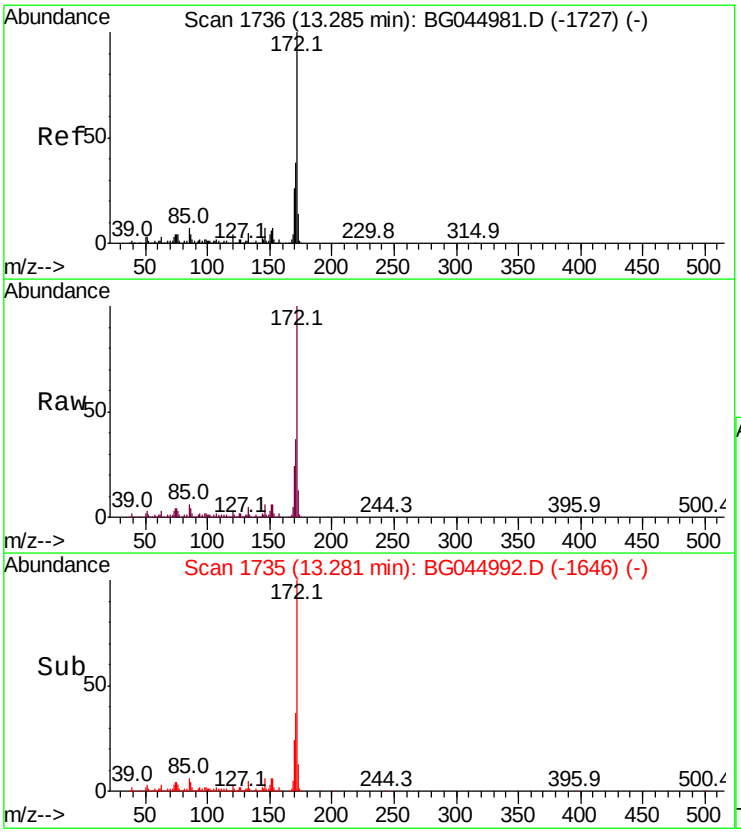
#42
2,4,6-Tribromophenol
Concen: 156.879 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:330 Resp: 460905

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	35.4	27.1	40.7

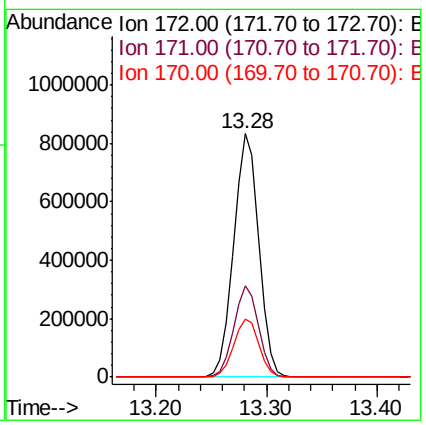


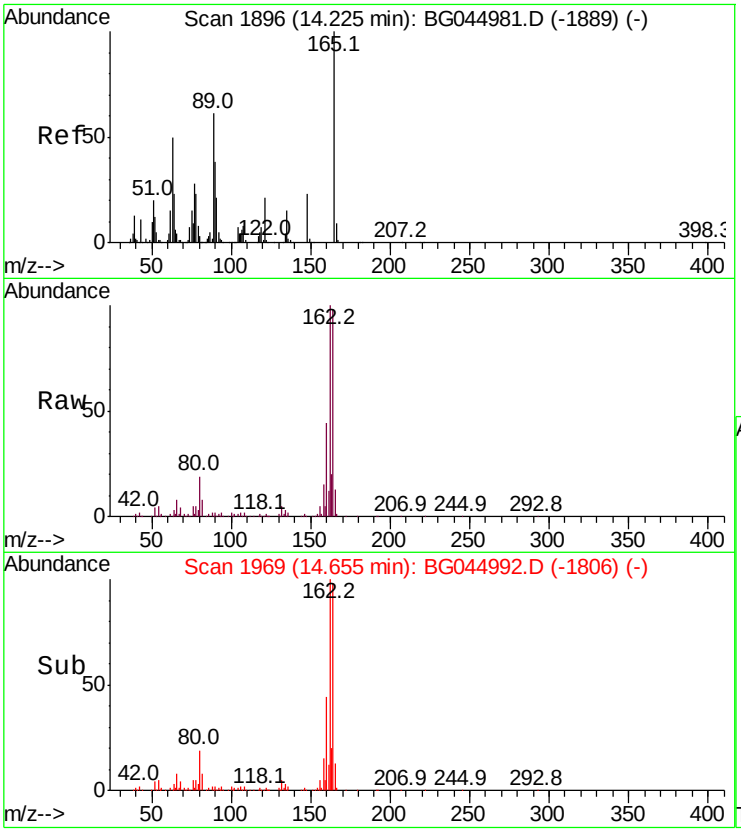


#45
2-Fluorobiphenyl
Concen: 102.526 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:172 Resp: 1329719

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	23.7	20.5	30.7



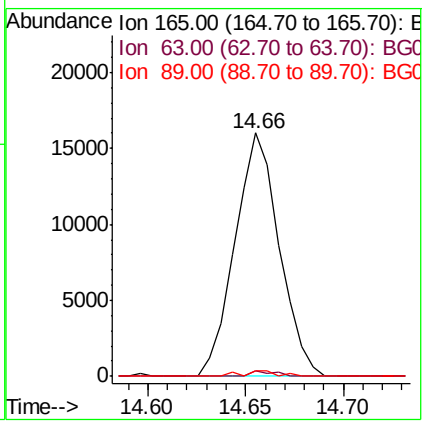


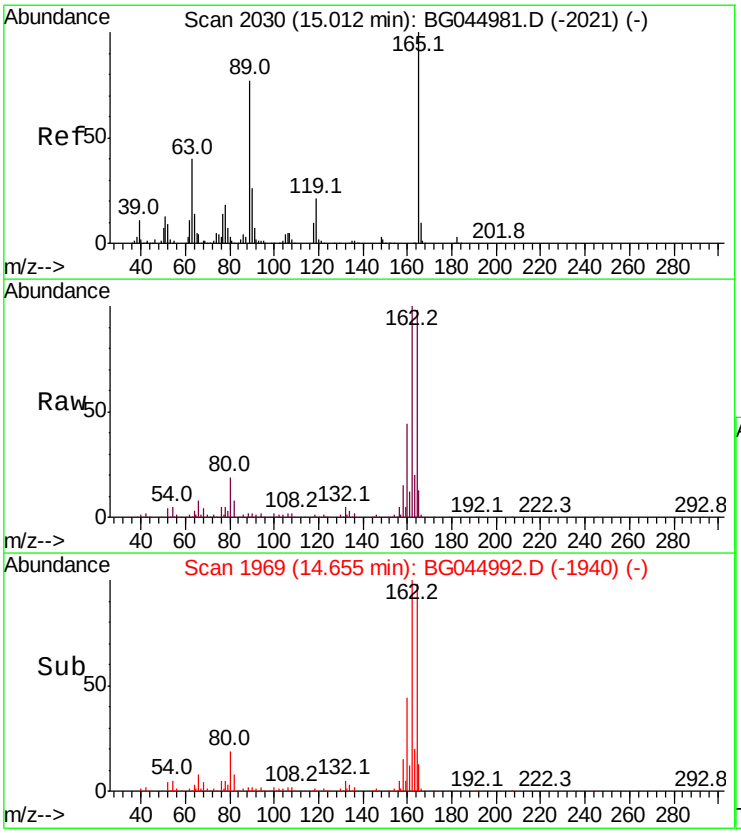
#51
2,6-Dinitrotoluene
Concen: 7.254 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:165 Resp: 25123

Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.4	60.6#
89	2.4	49.1	73.7#

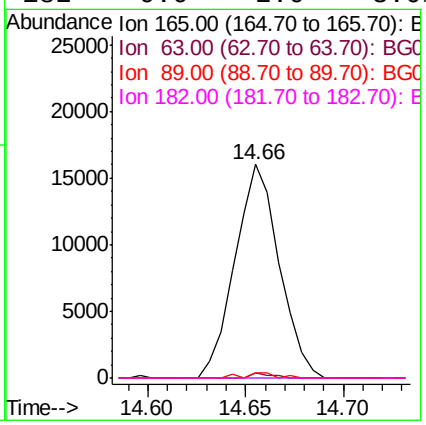


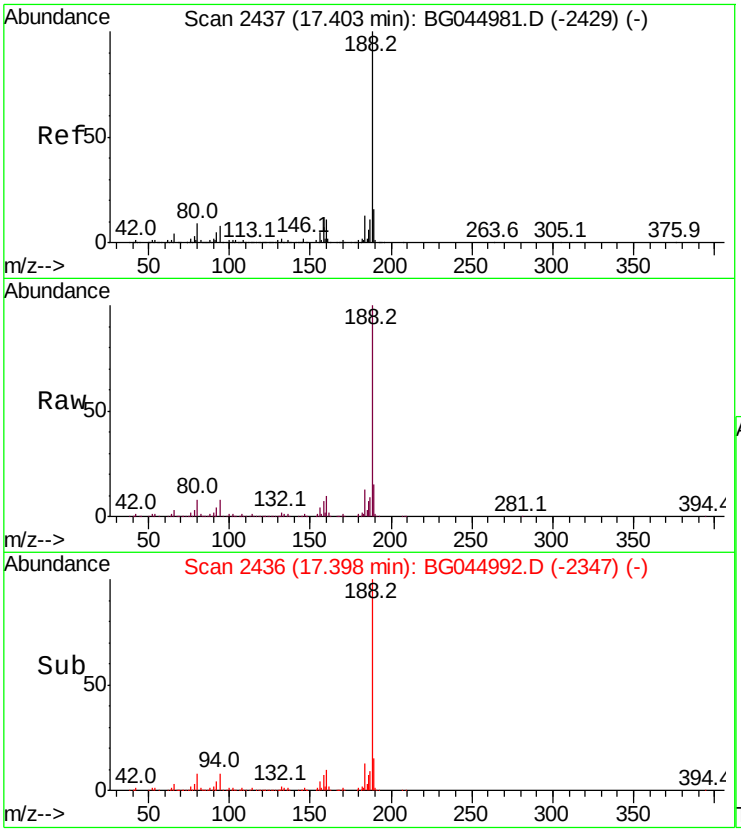


#57
2,4-Dinitrotoluene
Concen: 4.963 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:165 Resp: 25123

Ion	Ratio	Lower	Upper
165	100		
63	2.4	32.2	48.2#
89	2.4	61.7	92.5#
182	0.0	2.0	3.0#



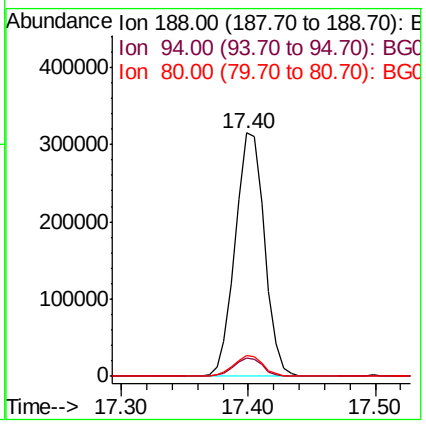


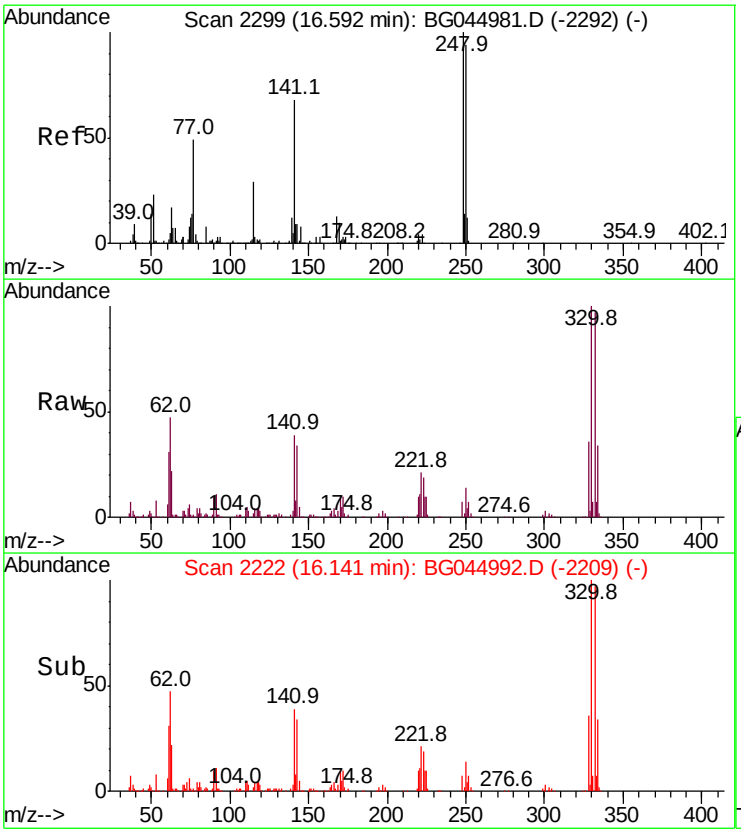
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:188 Resp: 503965

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.4	7.0	10.6

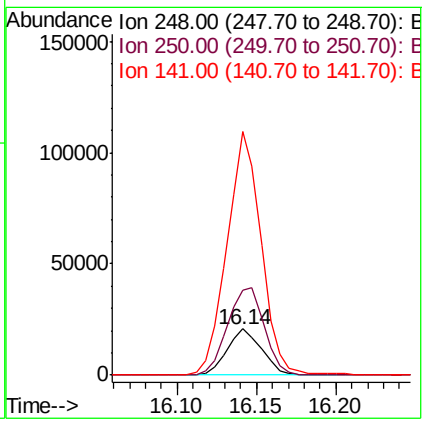


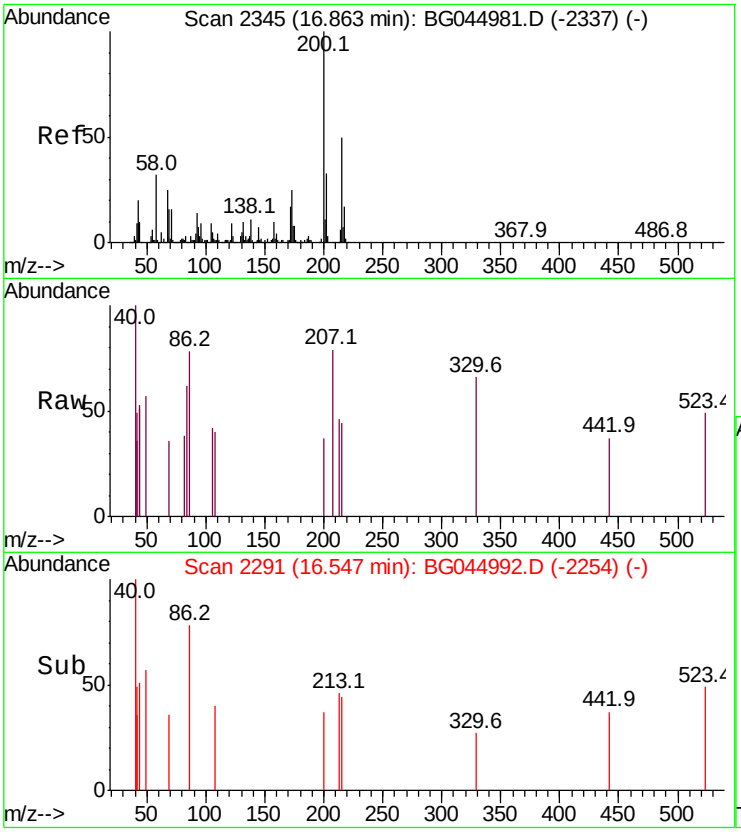


#67
4-Bromophenyl-phenylether
Concen: 4.811 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:248 Resp: 31280

Ion	Ratio	Lower	Upper
248	100		
250	183.8	75.4	113.2#
141	524.6	54.4	81.6#



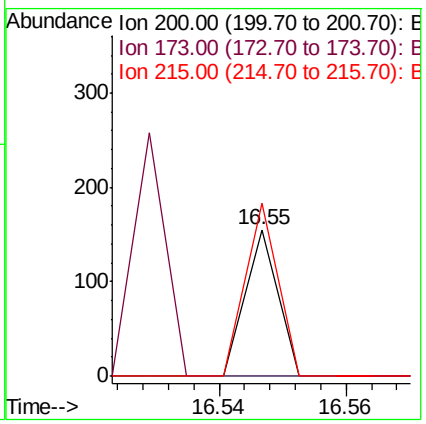


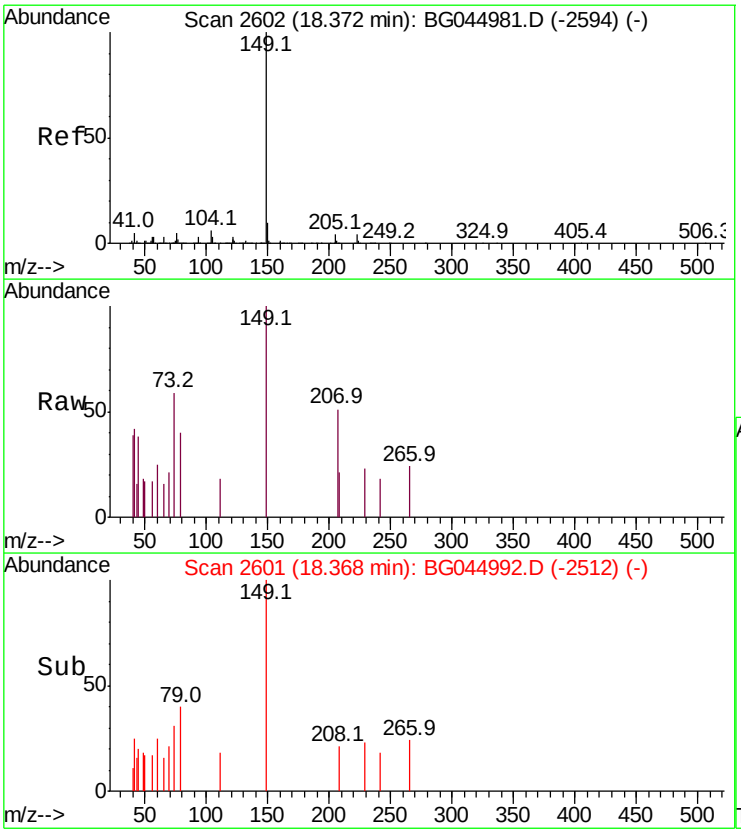
#69
Atrazine
Concen: Below Cal
RT: 16.55 min Scan# 2291
Delta R.T. -0.32 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:200 Resp: 55

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	118.1	30.0	70.0#

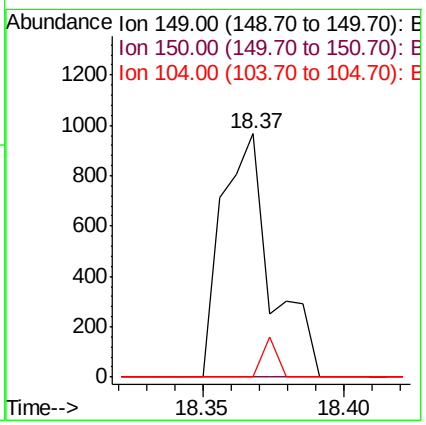


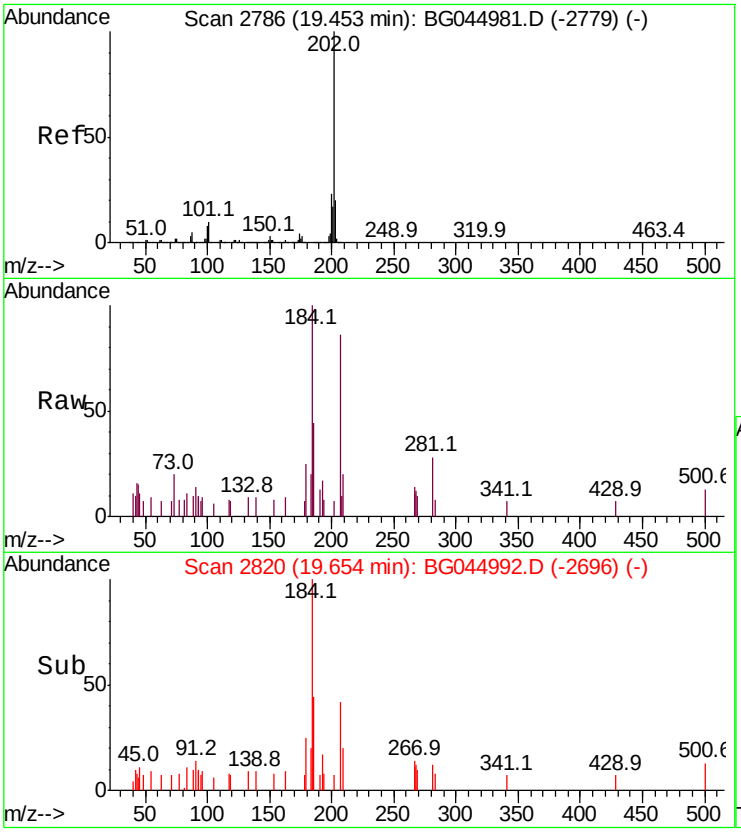


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:149 Resp: 1175

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#



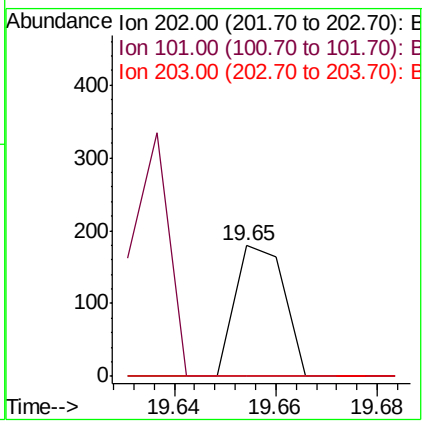


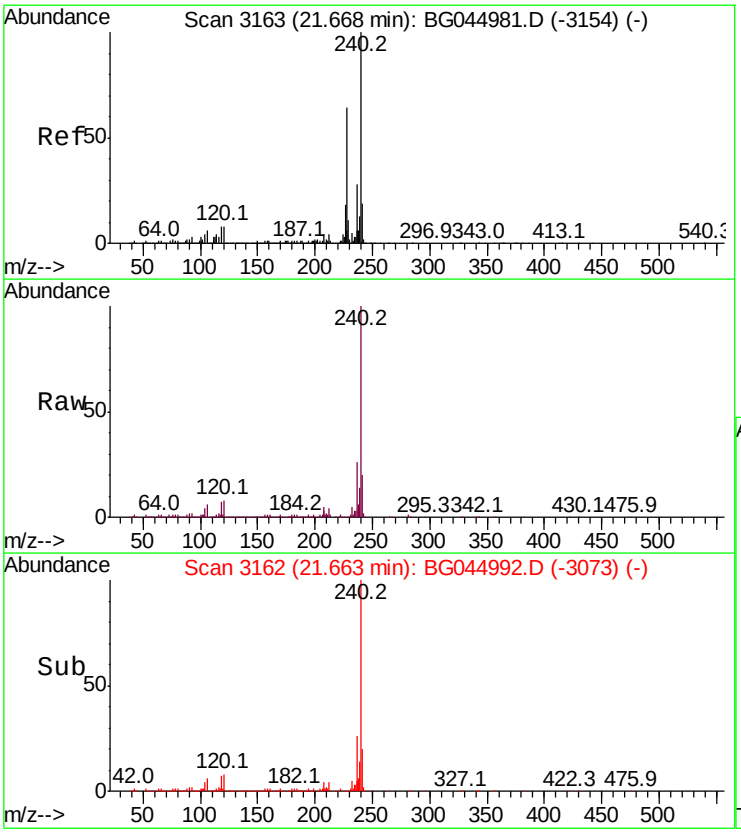
#75
Fluoranthene
Concen: Below Cal
RT: 19.65 min Scan# 2820
Delta R.T. 0.20 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:202 Resp: 121

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7

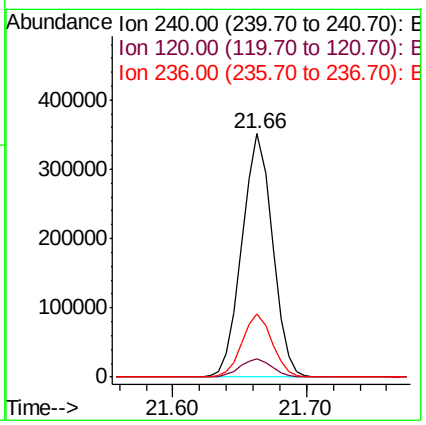


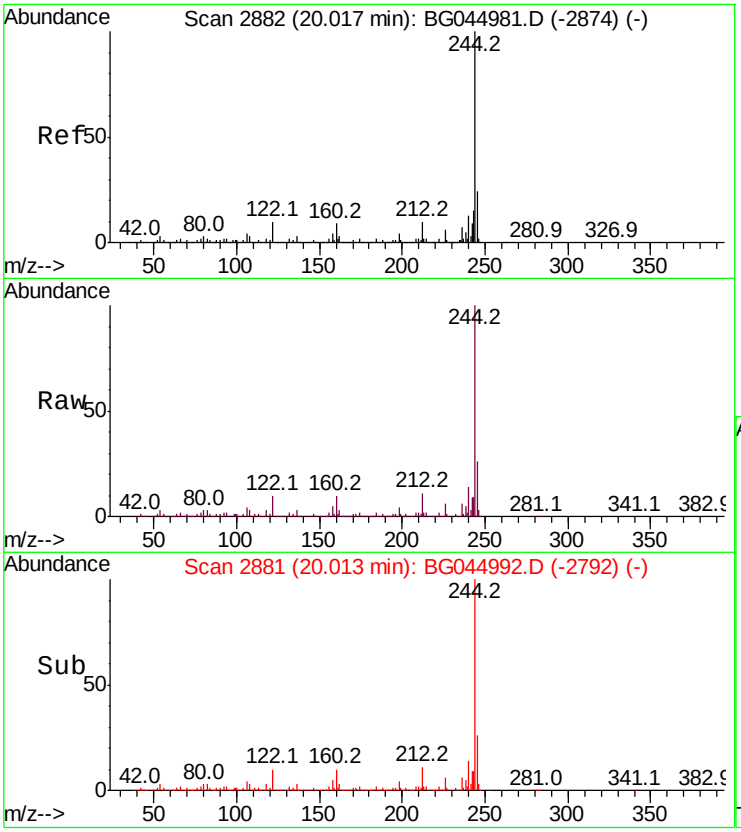


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:240 Resp: 554891

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	26.0	22.2	33.2



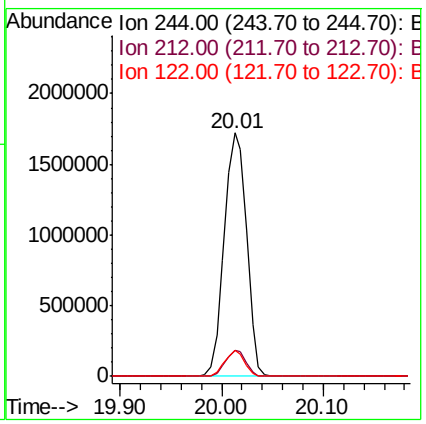


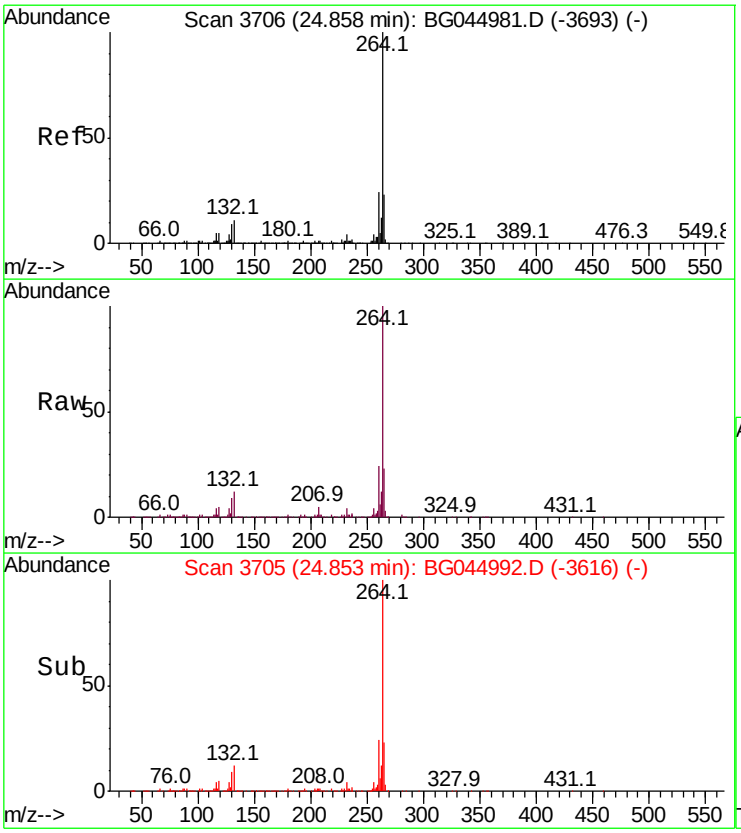
#79
Terphenyl-d14
Concen: 103.313 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tgt Ion:244 Resp: 2630234

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.9	11.9
122	10.5	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG044992.D
Acq: 15 Apr 2020 21:36

Tgt Ion:264 Resp: 580479

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	19.0	28.4