Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043432.D
Acq On : 31 Oct 2019 12:46
Operator : JU
Sample : K5599-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 14:01:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40185	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	146291	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	118712	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	283409	20.00	ng		0.00
76) Chrysene-d12	21.66	240	315197	20.00	ng		0.00
87) Perylene-d12	24.86	264	370738	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	182887	83.40	ng		0.00
7) Phenol-d6	7.21	99	248727	78.83	ng		0.00
23) Nitrobenzene-d5	9.19	82	147484	51.97	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	156588	69.31	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	432843	50.38	ng		0.00
79) Terphenyl-d14	20.00	244	908284	54.06	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	6293	2.183	ng	#	63
19) n-Nitroso-di-n-propylamine	9.19	70	20639	10.123	ng	#	72
50) Dimethylphthalate	14.11	163	47179	5.131	ng		97
51) 2,6-Dinitrotoluene	14.65	165	15927	7.973	ng	#	26
57) 2,4-Dinitrotoluene	14.65	165	15926	5.579	ng	#	27
67) 4-Bromophenyl-phenylether	16.14	248	10052	2.636	ng	#	1
77) Benzidine	20.00	184	12837	2.024	ng	#	89

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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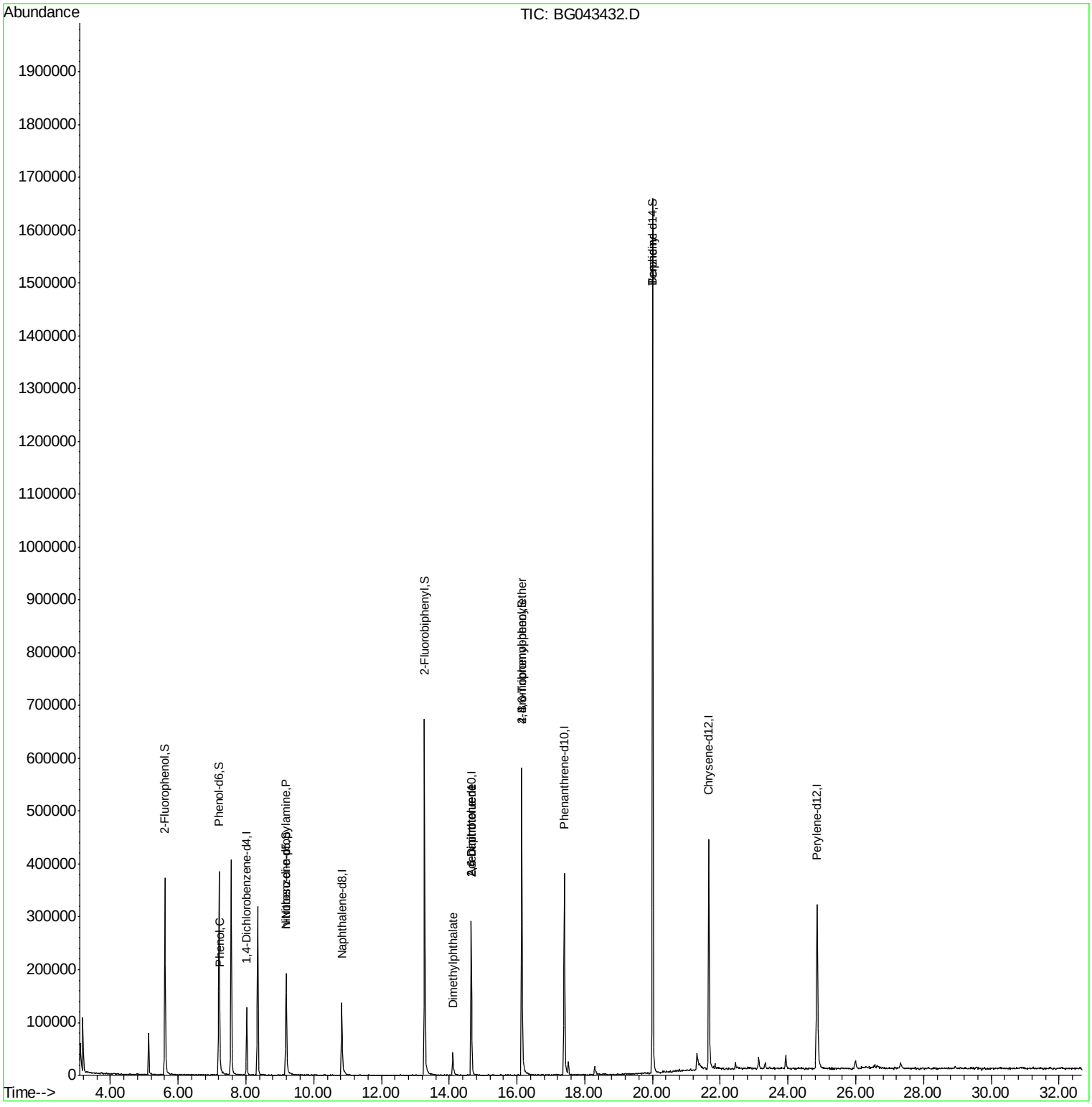
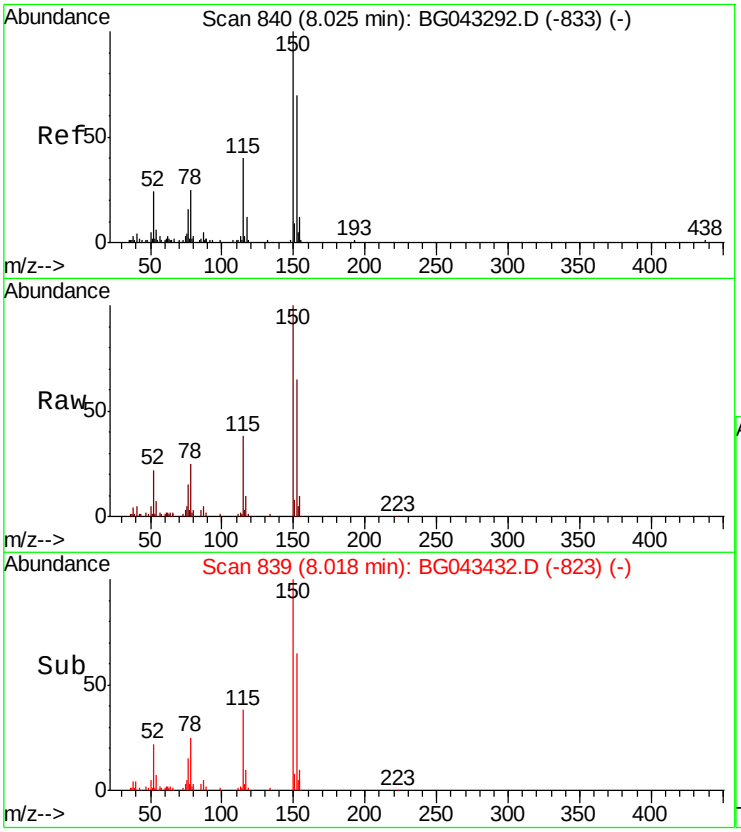


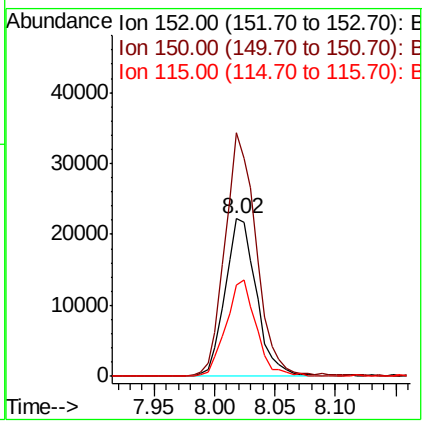


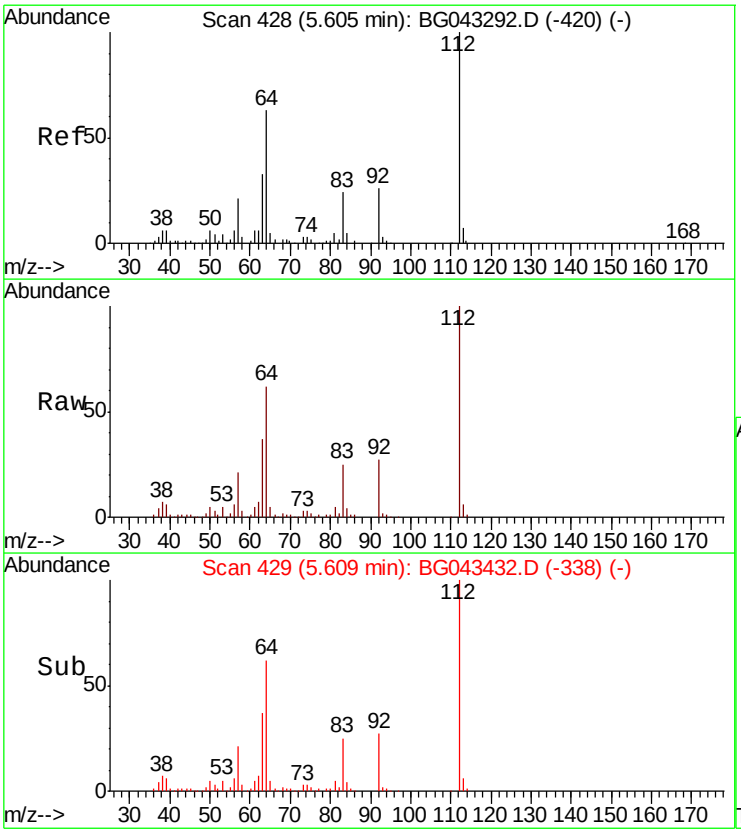
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40185

Ion	Ratio	Lower	Upper
152	100		
150	154.6	113.6	170.4
115	58.4	45.9	68.9

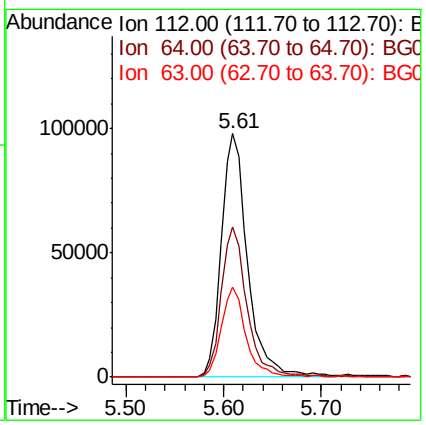


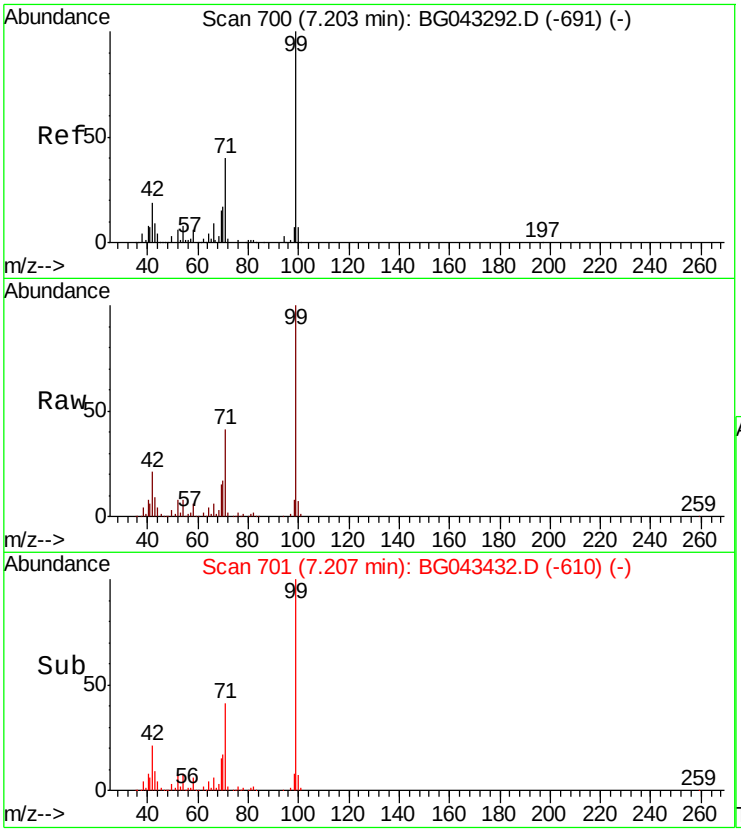


#5
2-Fluorophenol
Concen: 83.397 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:112 Resp: 182887

Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.2	75.2
63	37.1	26.7	40.1



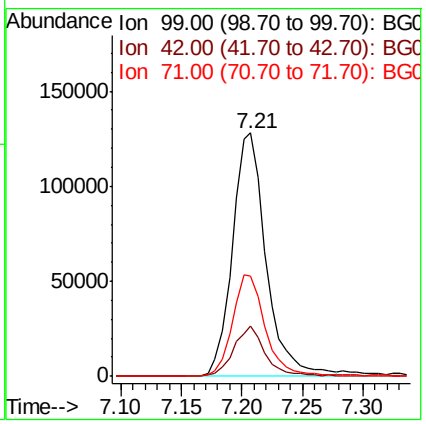


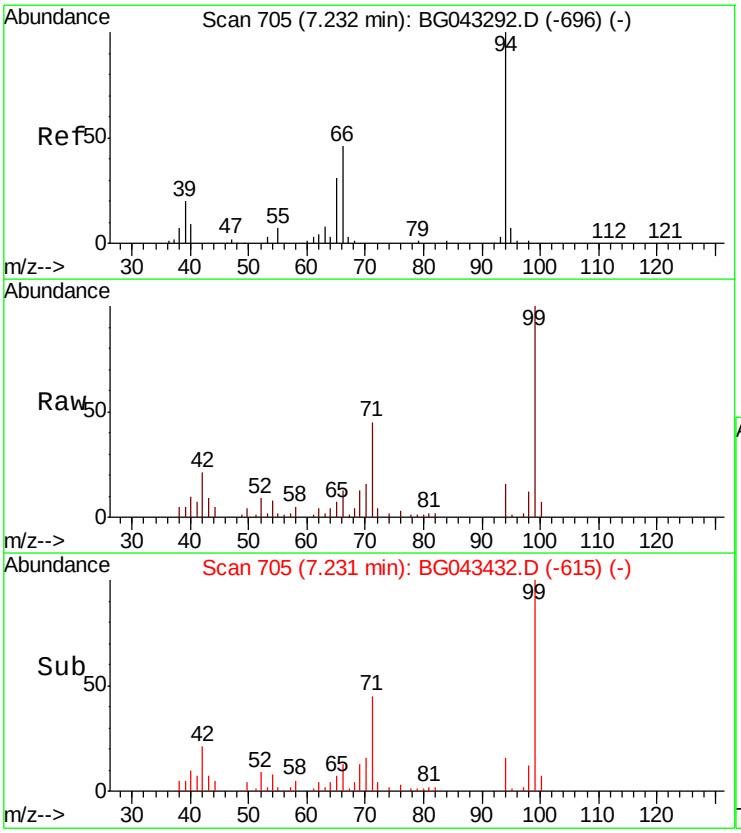
#7
Phenol-d6
Concen: 78.832 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 248727

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.9	22.3
71	41.0	32.2	48.2

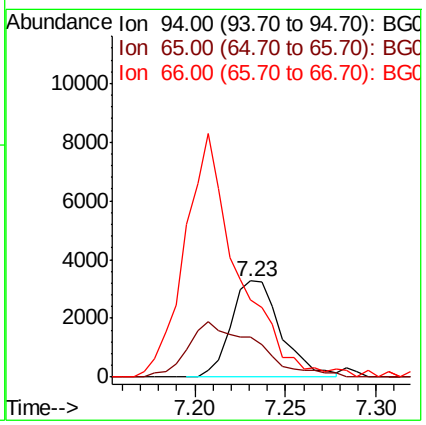


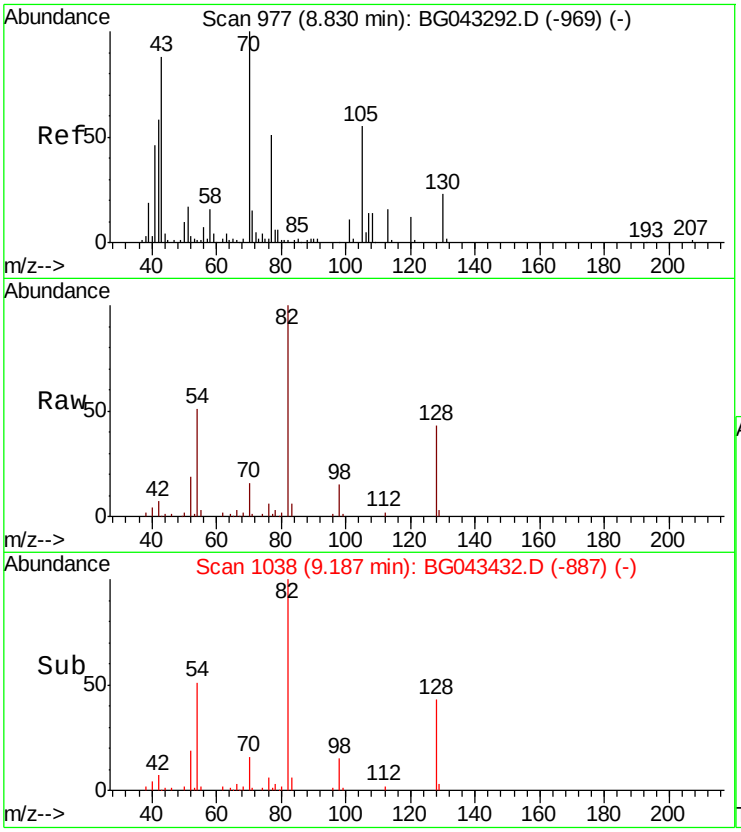


#10
Phenol
Concen: 2.183 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion: 94 Resp: 6293

Ion	Ratio	Lower	Upper
94	100		
65	42.3	11.1	51.1
66	80.2	27.8	67.8#



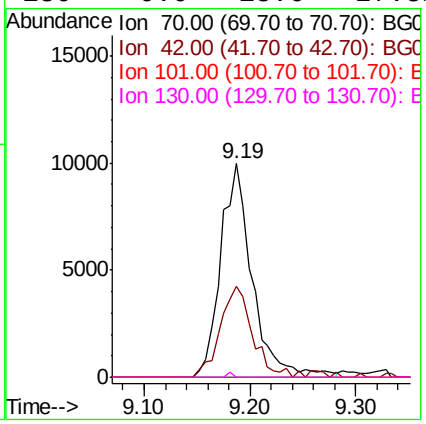


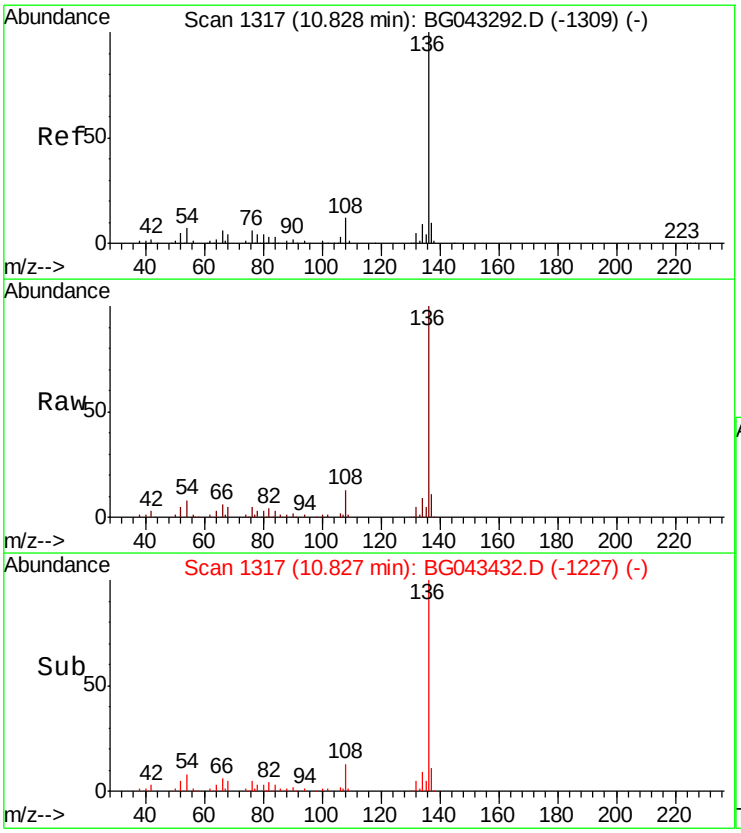
#19
n-Nitroso-di-n-propylamine
Concen: 10.123 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20639

Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.2	69.2#
101	0.0	8.6	13.0#
130	0.0	18.6	27.8#

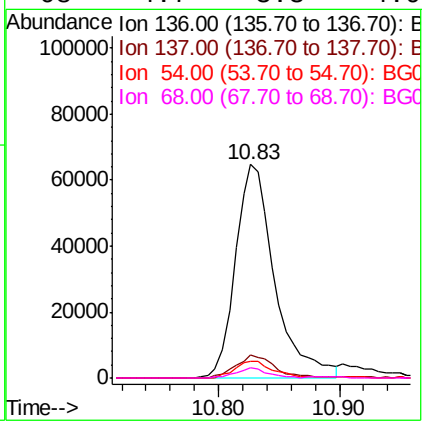


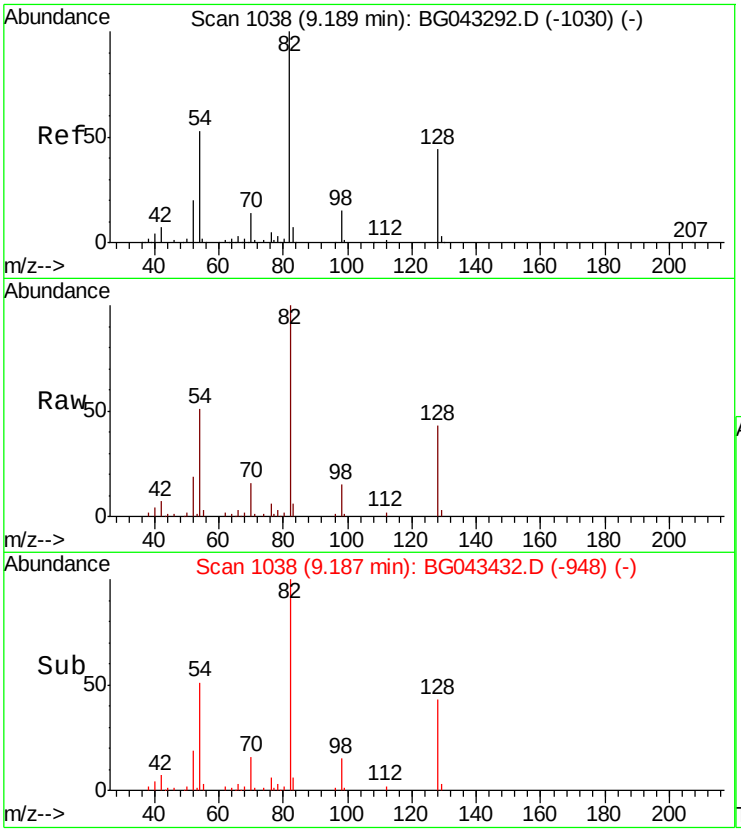


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:136 Resp: 146291

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	7.7	5.4	8.2
68	4.7	3.3	4.9



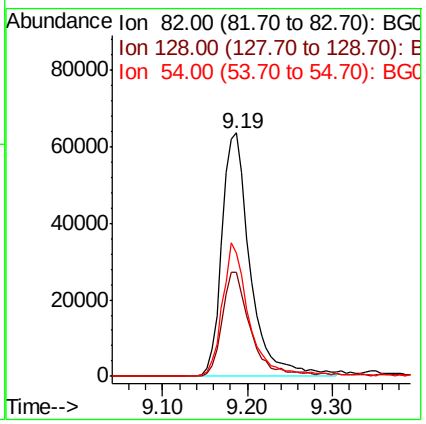


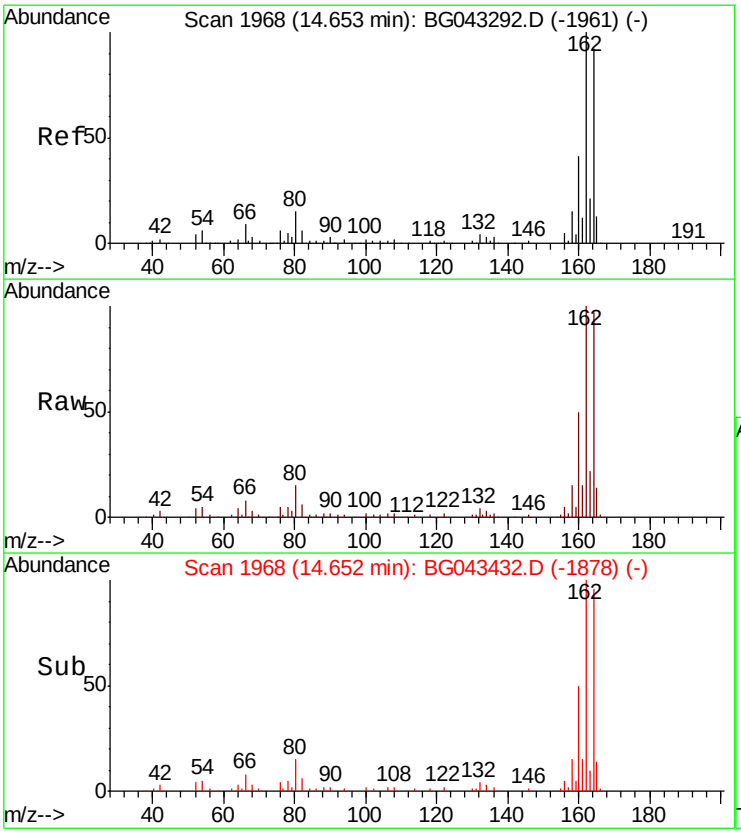
#23
Nitrobenzene-d5
Concen: 51.975 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 147484

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.3	52.9
54	50.9	42.3	63.5

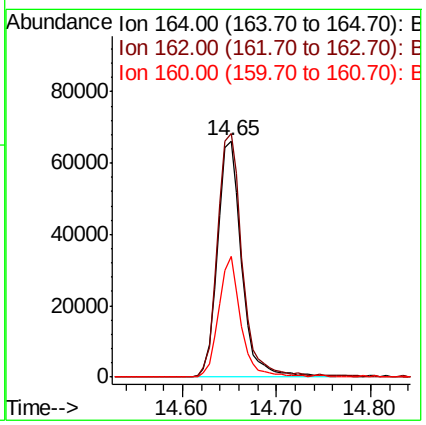


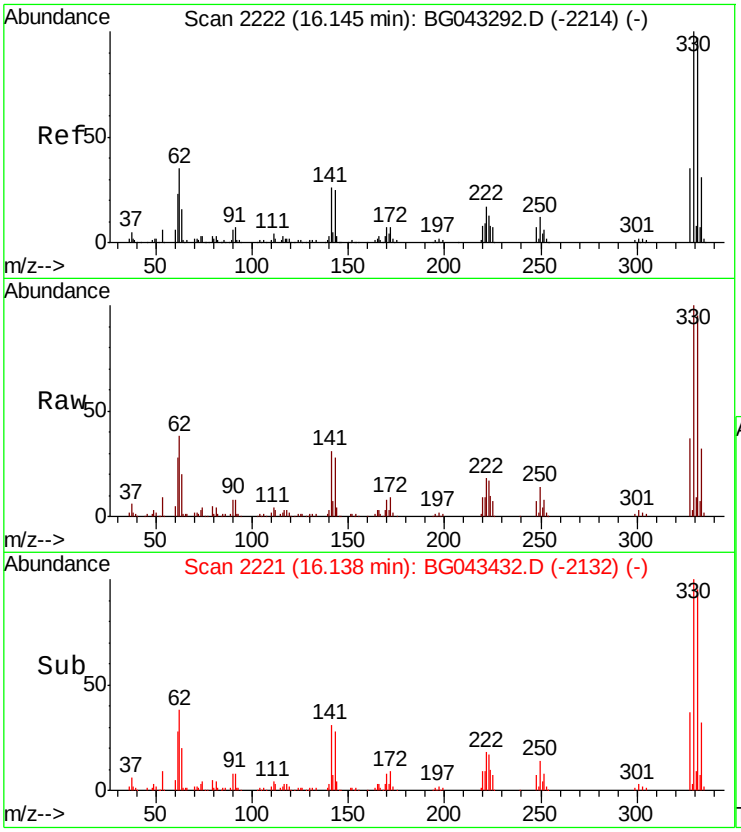


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:164 Resp: 118712

Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.0	130.4
160	51.1	35.5	53.3



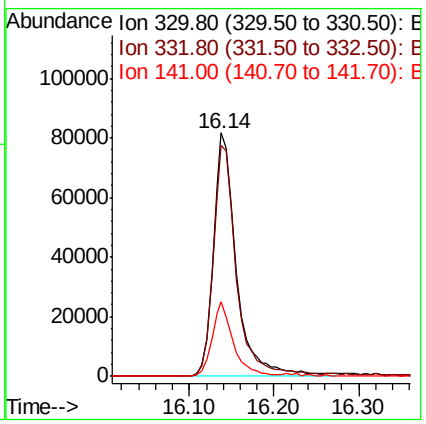


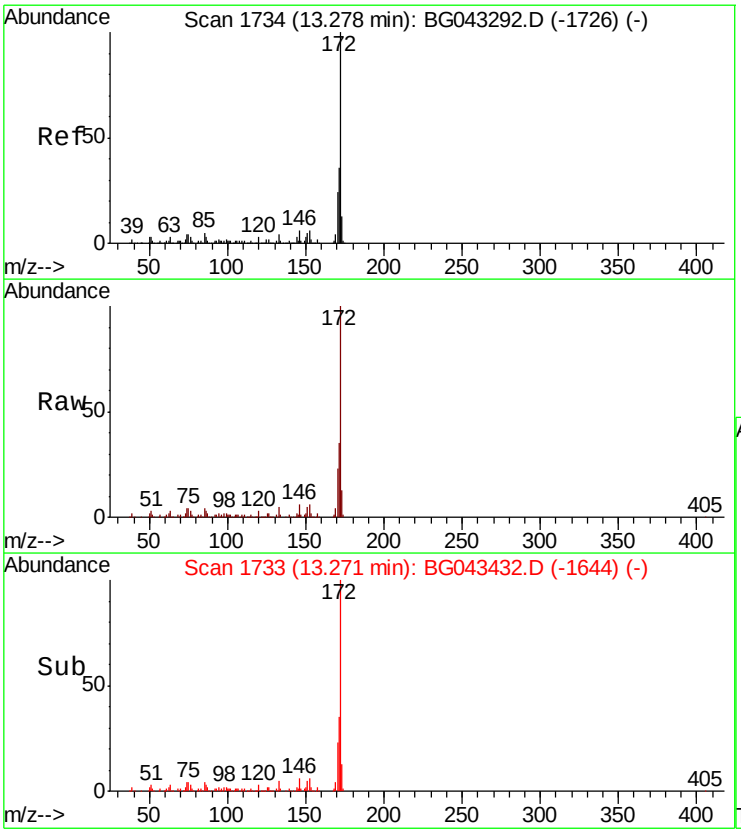
#42
2,4,6-Tribromophenol
Concen: 69.315 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 156588

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.4	114.6
141	28.0	21.4	32.0

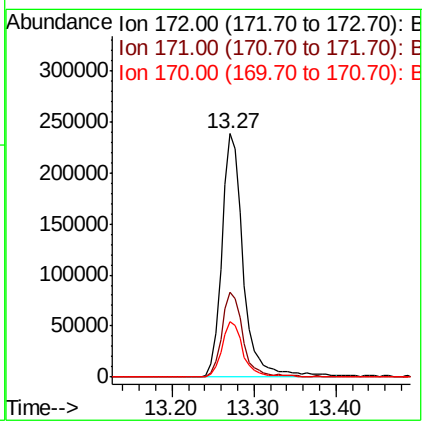


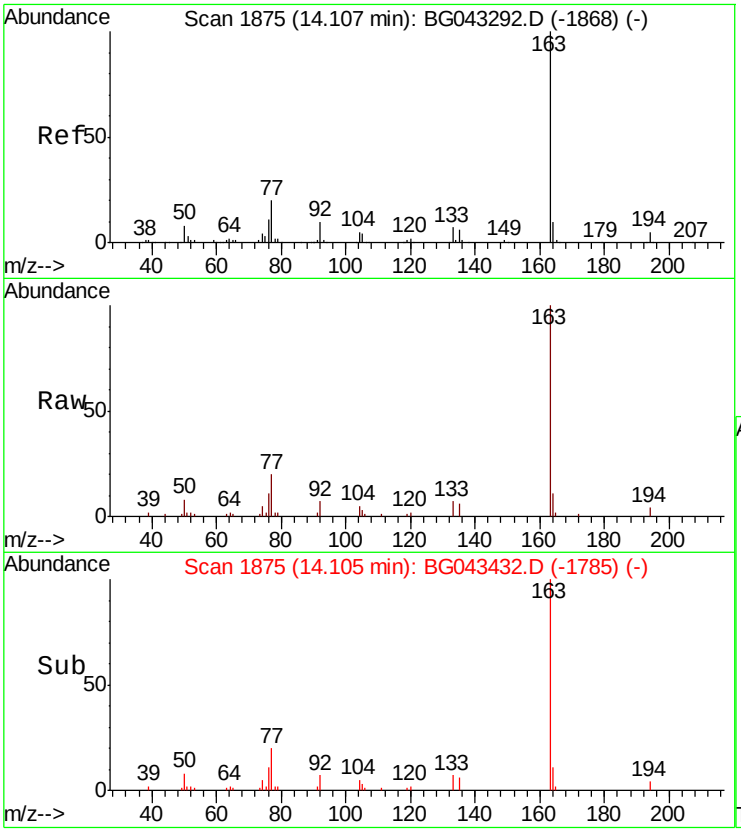


#45
2-Fluorobiphenyl
Concen: 50.383 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:172 Resp: 432843

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.5	18.8	28.2



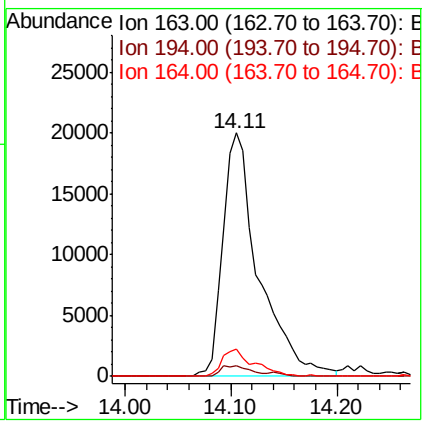


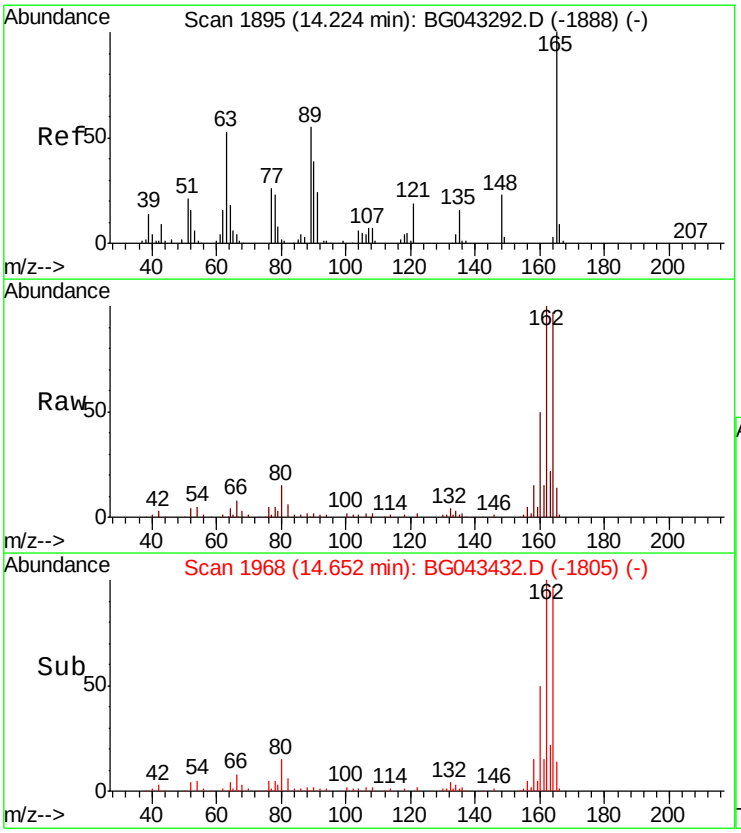
#50
Dimethylphthalate
Concen: 5.131 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 47179

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.4	8.1	12.1

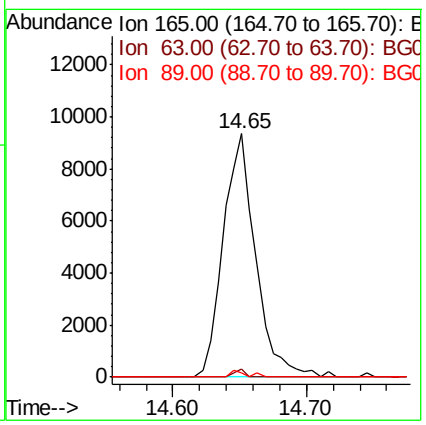


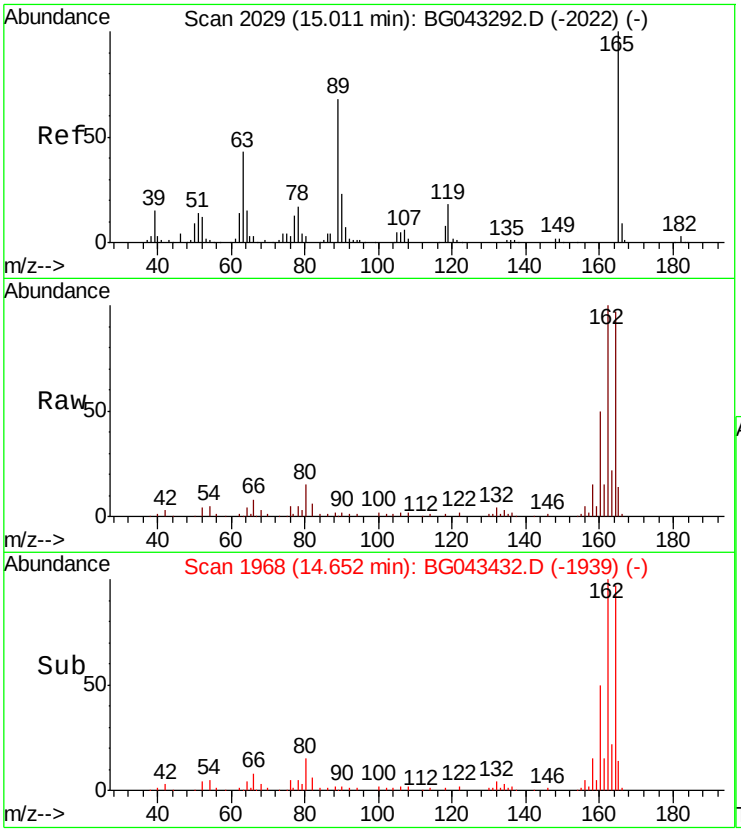


#51
2,6-Dinitrotoluene
Concen: 7.973 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:165 Resp: 15927

Ion	Ratio	Lower	Upper
165	100		
63	3.1	47.1	70.7#
89	2.0	43.7	65.5#



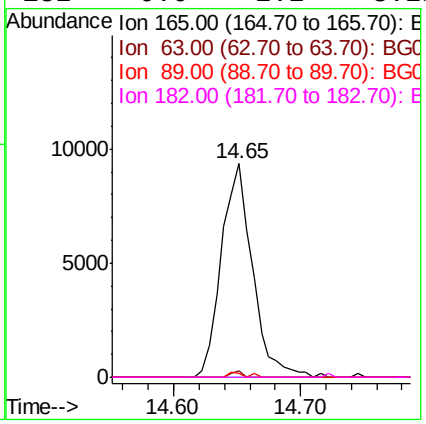


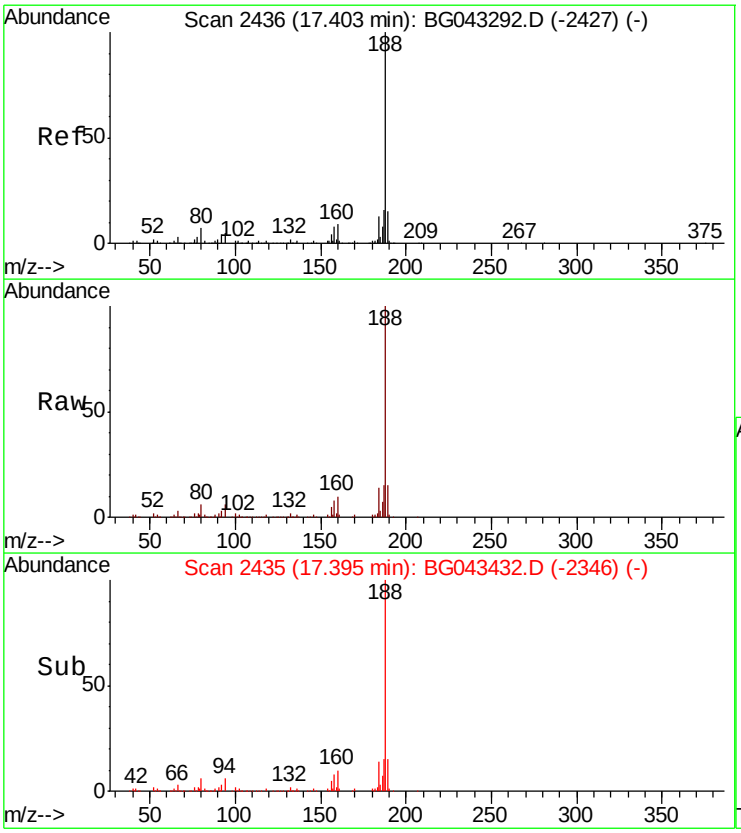
#57
2,4-Dinitrotoluene
Concen: 5.579 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15926

Ion	Ratio	Lower	Upper
165	100		
63	3.1	35.0	52.6#
89	2.0	54.1	81.1#
182	0.0	2.2	3.2#

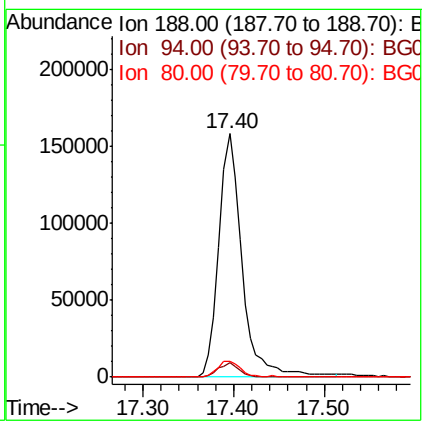


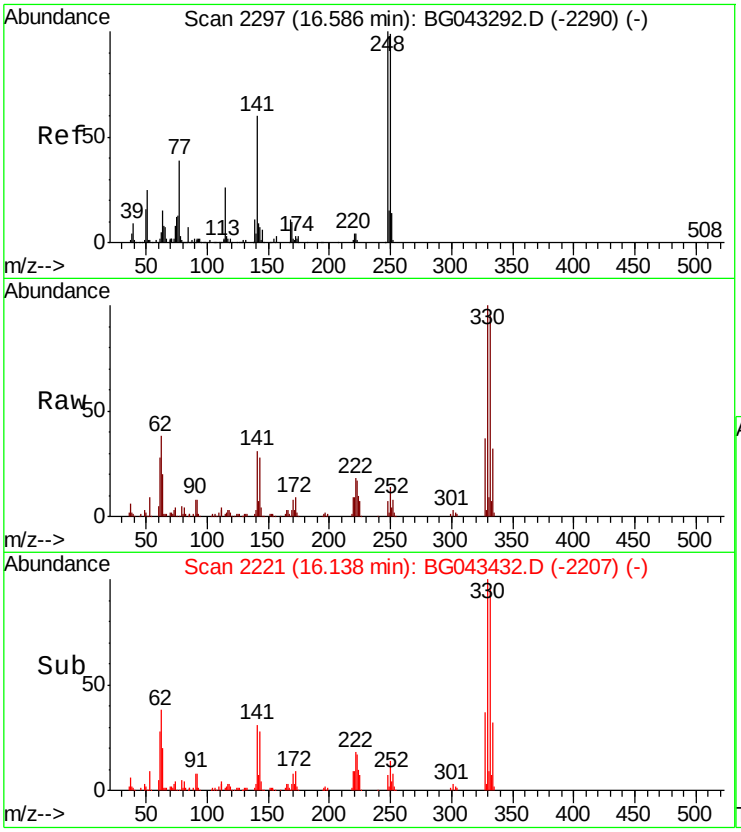


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:188 Resp: 283409

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.2
80	6.4	5.2	7.8



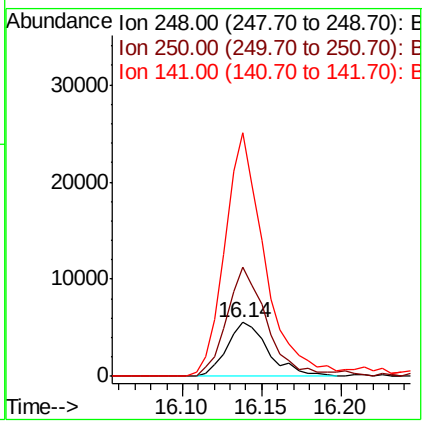


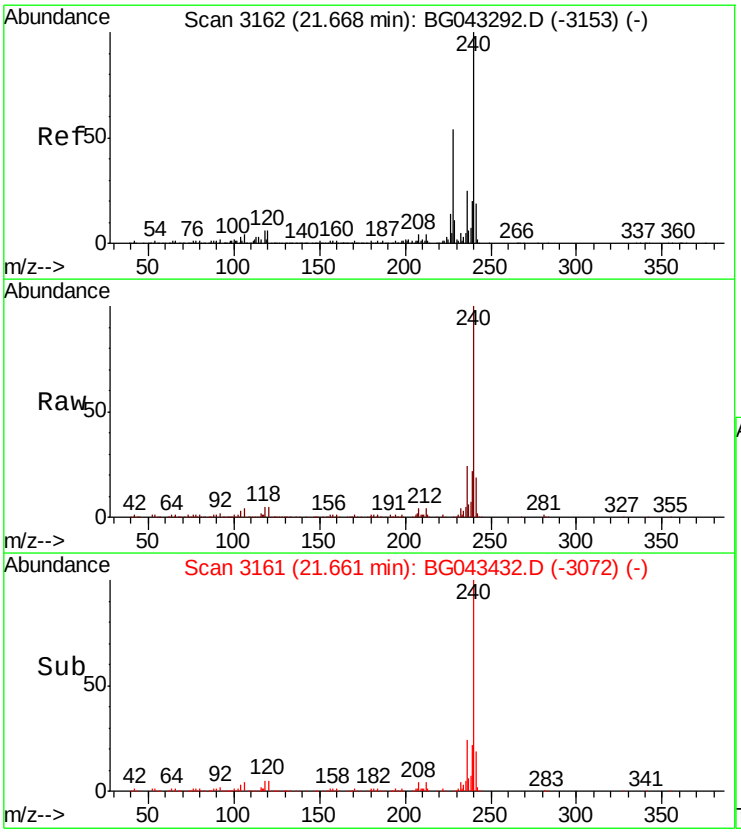
#67
4-Bromophenyl-phenylether
Concen: 2.636 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10052

Ion	Ratio	Lower	Upper
248	100		
250	202.8	79.3	118.9#
141	453.3	47.9	71.9#

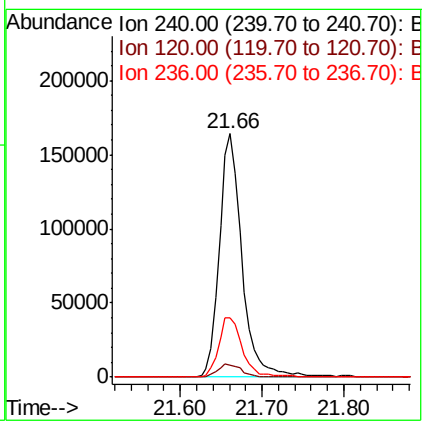


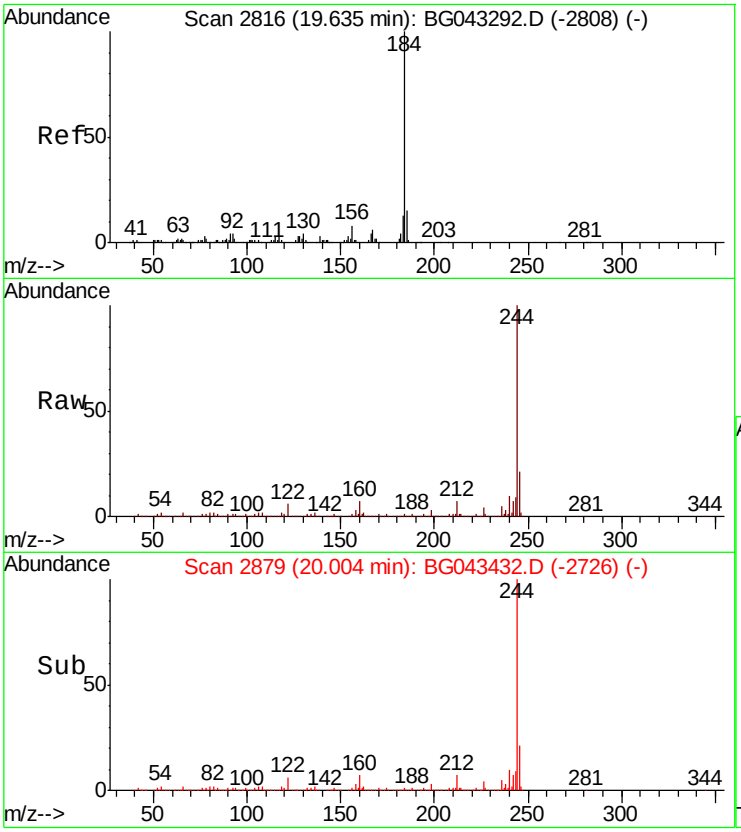


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:240 Resp: 315197

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	24.4	20.2	30.4



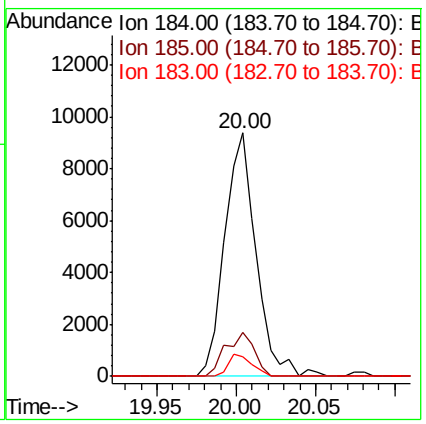


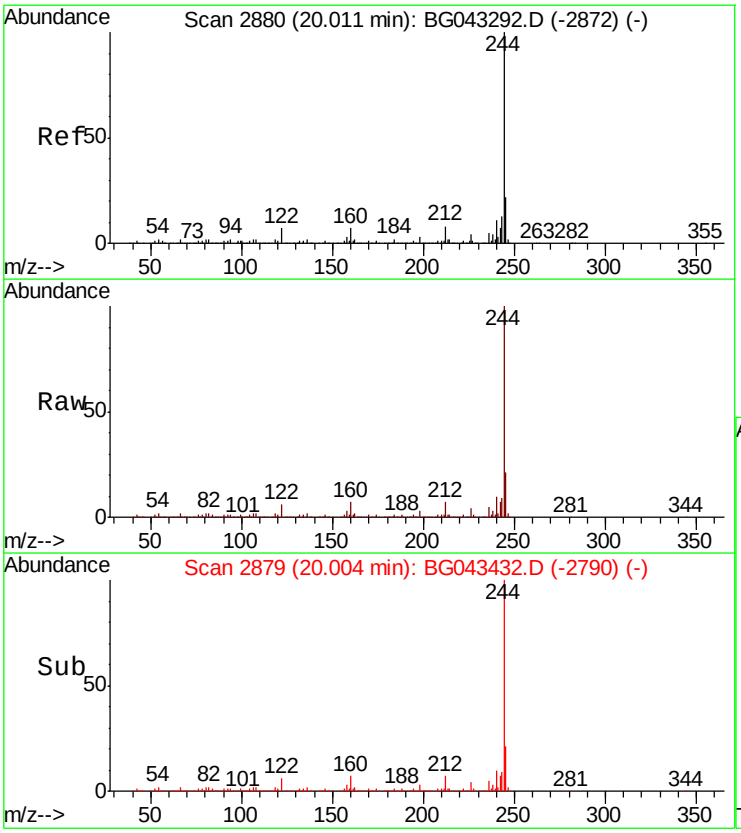
#77
Benzidine
Concen: 2.024 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 12837

Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.8	17.6#
183	7.9	10.6	16.0#

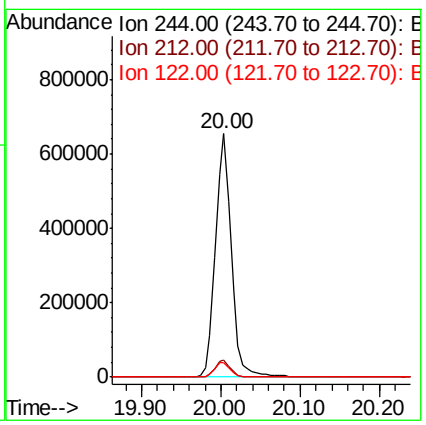


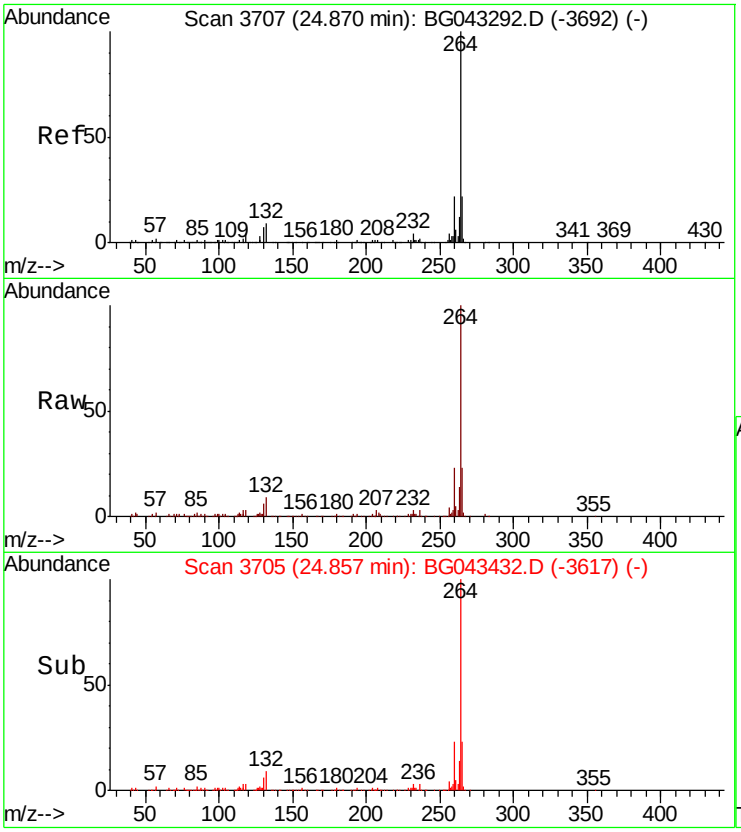


#79
Terphenyl-d14
Concen: 54.061 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Tgt Ion:244 Resp: 908284

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	6.2	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043432.D
Acq: 31 Oct 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 370738

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.7	17.4	26.2