Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043652.D
Acq On : 15 Nov 2019 8:56
Operator : JU
Sample : K5668-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 15 10:06:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29336	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	104423	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	84044	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	190231	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	207199	20.00	ng	-0.01
87) Perylene-d12	24.83	264	238519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232631	145.31	ng	0.00
7) Phenol-d6	7.20	99	308505	133.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	195107	96.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	182698	114.23	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	550207	90.46	ng	-0.01
79) Terphenyl-d14	19.99	244	1071467	97.01	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	5498	8.813	ng	# 1
15) Benzyl Alcohol	8.32	79	3798	2.348	ng	# 53
19) n-Nitroso-di-n-propylamine	9.16	70	27824	18.694	ng	# 75
51) 2,6-Dinitrotoluene	14.63	165	10501	7.425	ng	# 27
57) 2,4-Dinitrotoluene	14.63	165	10501	5.196	ng	# 30
67) 4-Bromophenyl-phenylether	16.13	248	10925	4.267	ng	# 1
77) Benzidine	19.99	184	15155	3.634	ng	# 76

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Nov 2019 8:56
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
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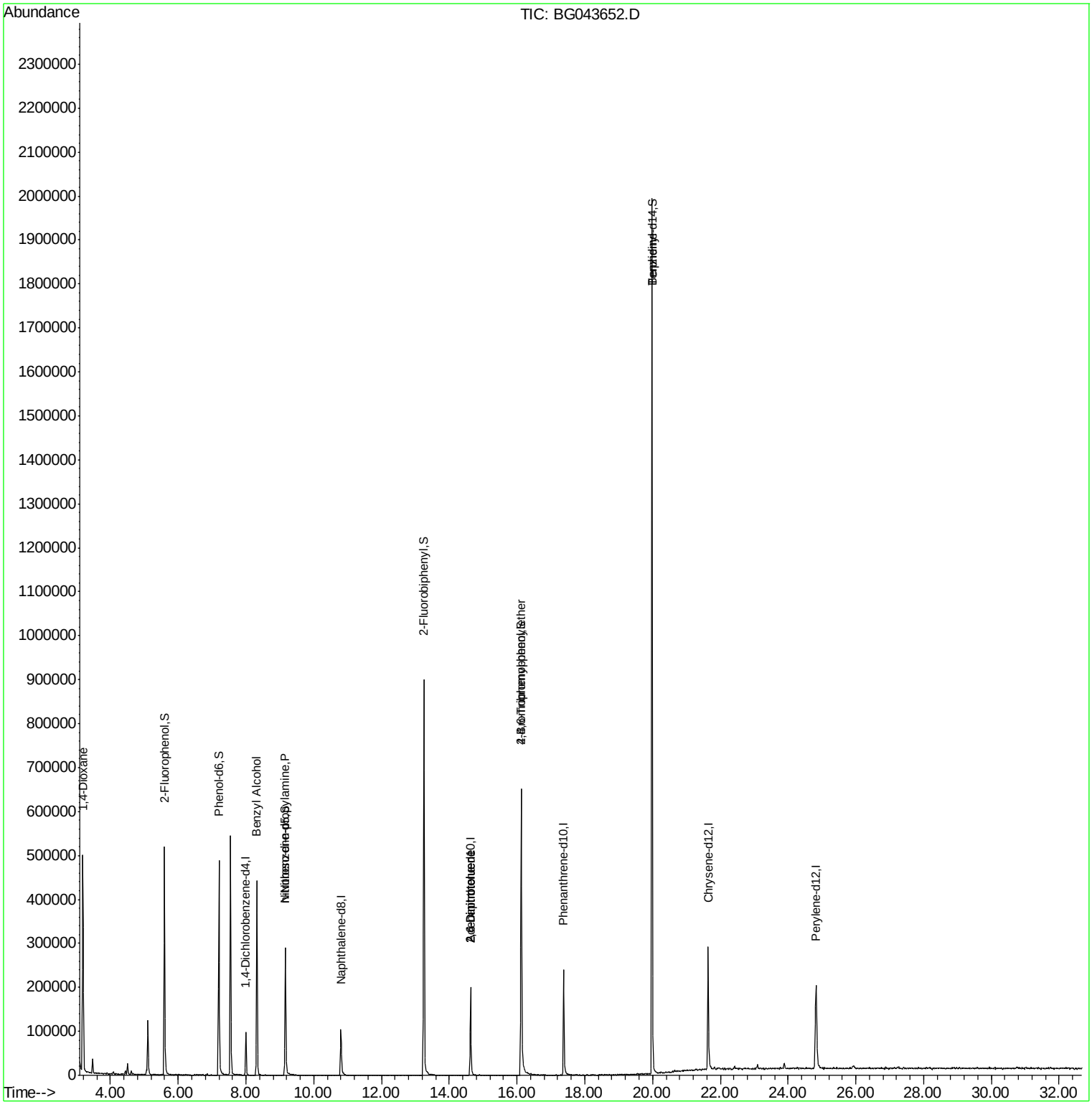
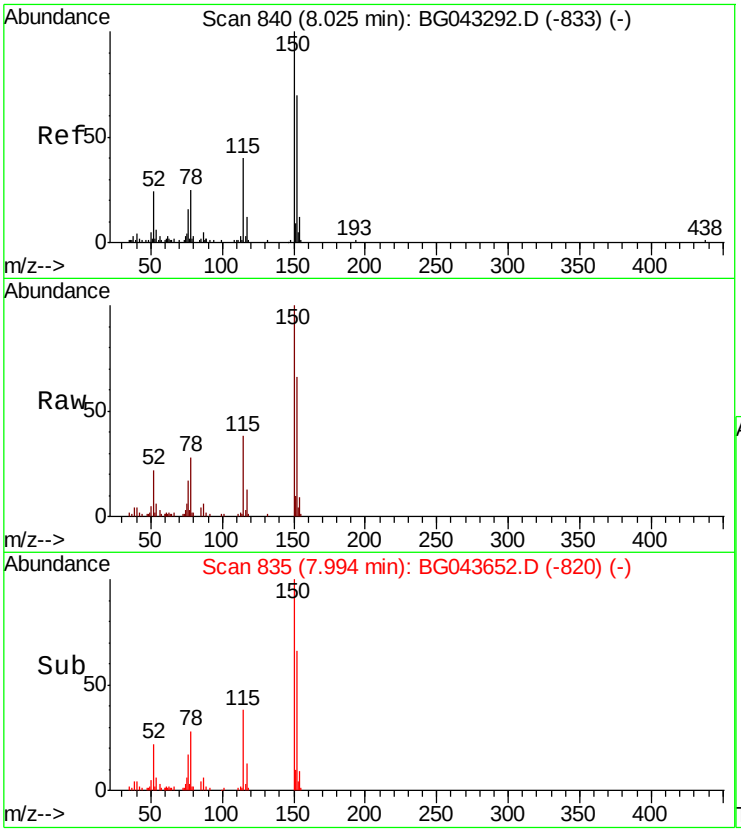


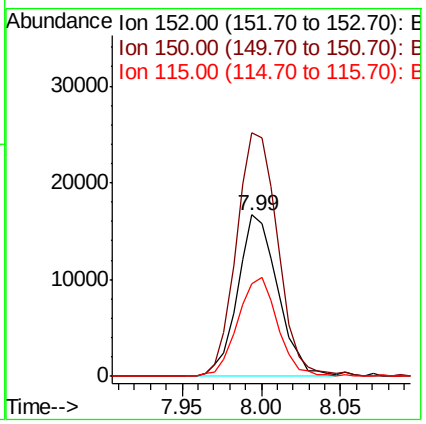


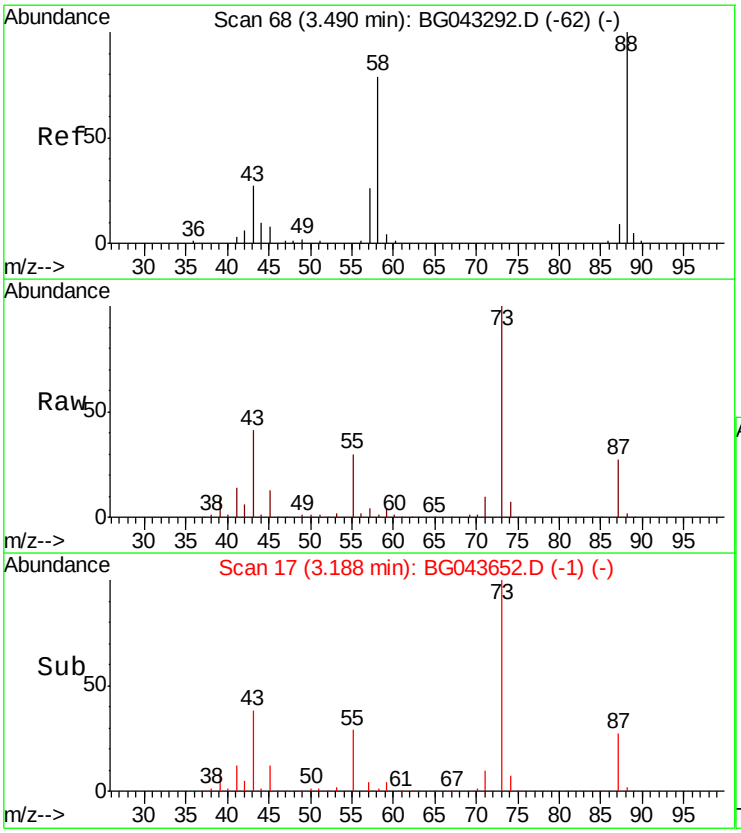
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29336

Ion	Ratio	Lower	Upper
152	100		
150	151.0	129.4	194.0
115	57.8	48.8	73.2

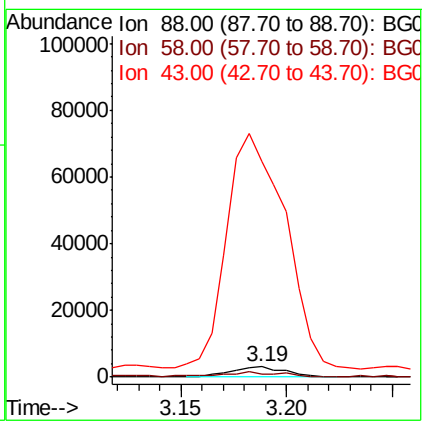


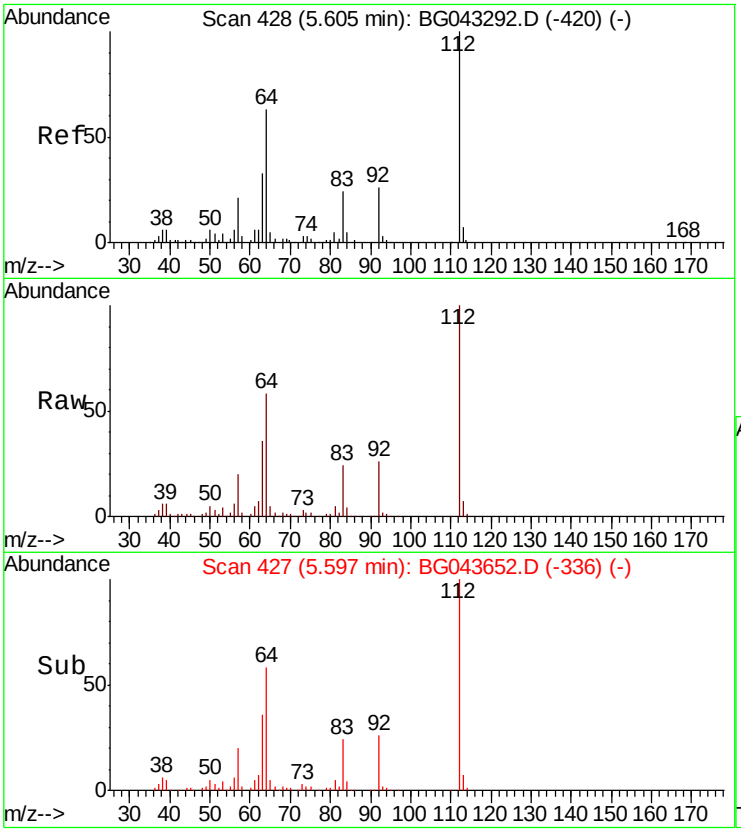


#2
1,4-Dioxane
Concen: 8.813 ng
RT: 3.19 min Scan# 17
Delta R.T. -0.28 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion: 88 Resp: 5498

Ion	Ratio	Lower	Upper
88	100		
58	49.7	62.7	94.1#
43	2475.1	23.7	35.5#



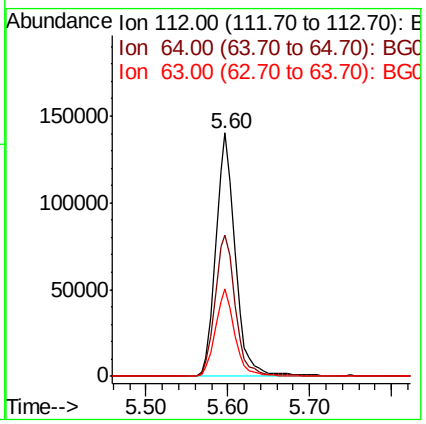


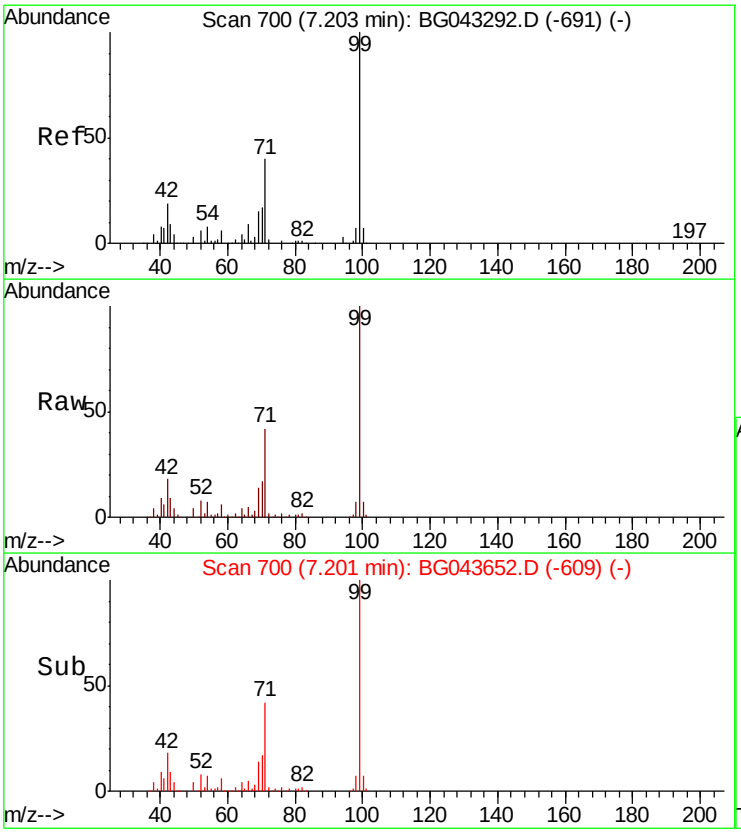
#5
2-Fluorophenol
Concen: 145.311 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 232631

Ion	Ratio	Lower	Upper
112	100		
64	58.0	50.0	75.0
63	36.1	26.6	40.0

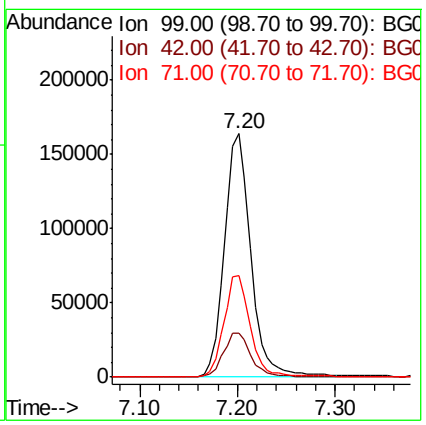


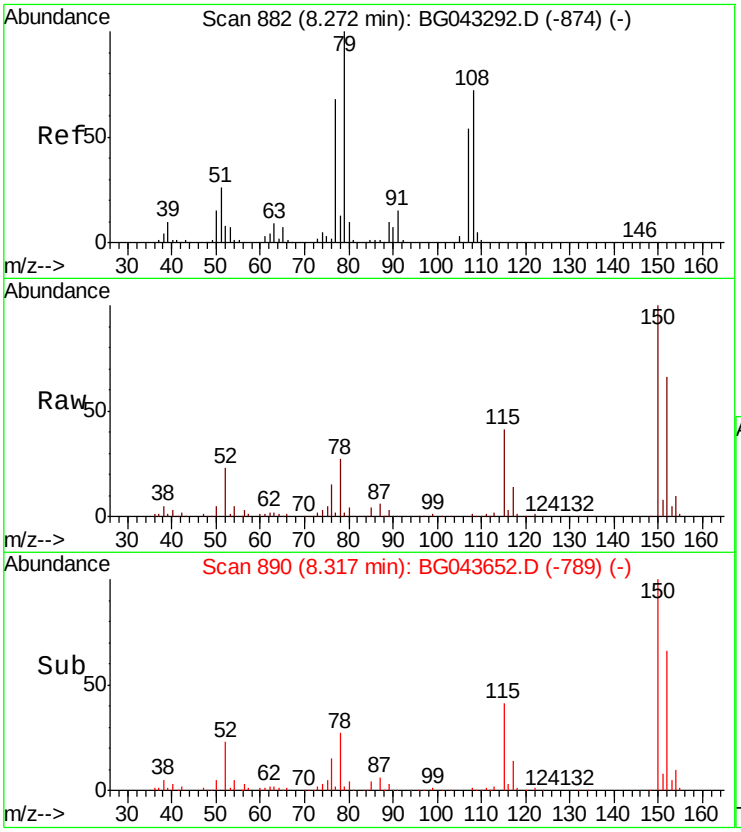


#7
Phenol-d6
Concen: 133.938 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion: 99 Resp: 308505

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	41.6	32.5	48.7



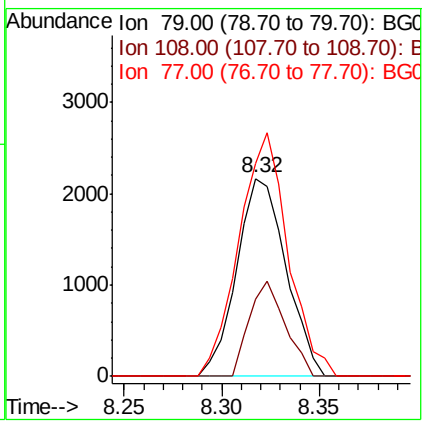


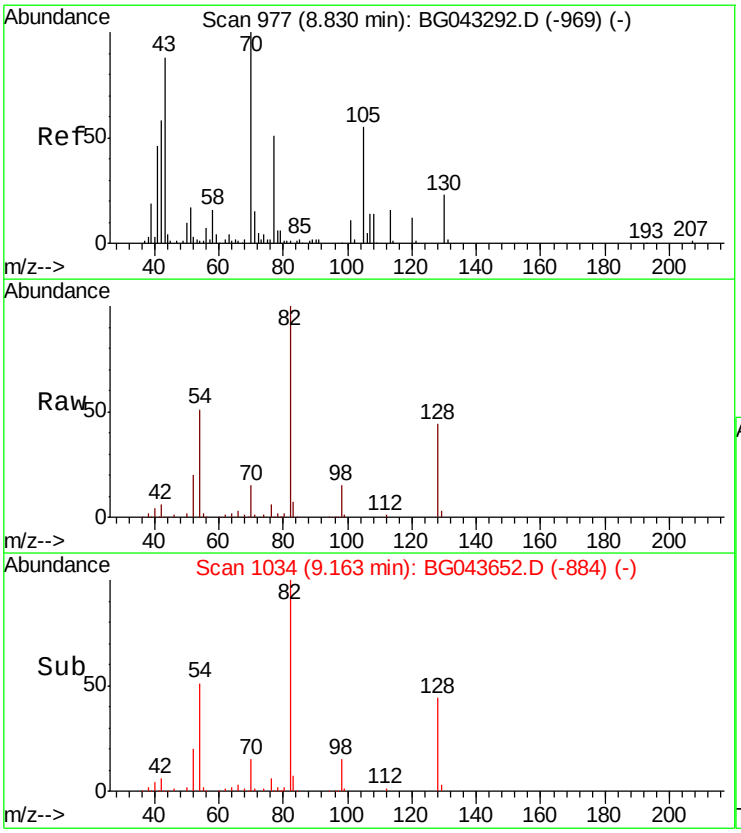
#15
Benzyl Alcohol
Concen: 2.348 ng
RT: 8.32 min Scan# 890
Delta R.T. 0.06 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3798

Ion	Ratio	Lower	Upper
79	100		
108	39.1	53.6	80.4#
77	107.8	49.6	74.4#

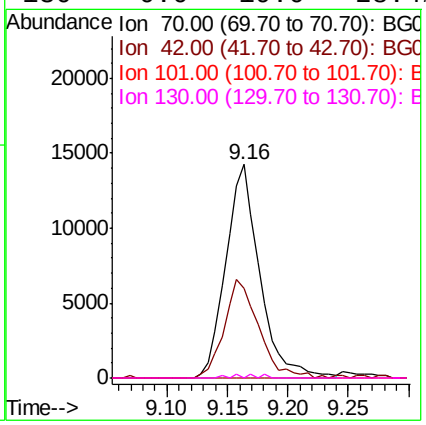


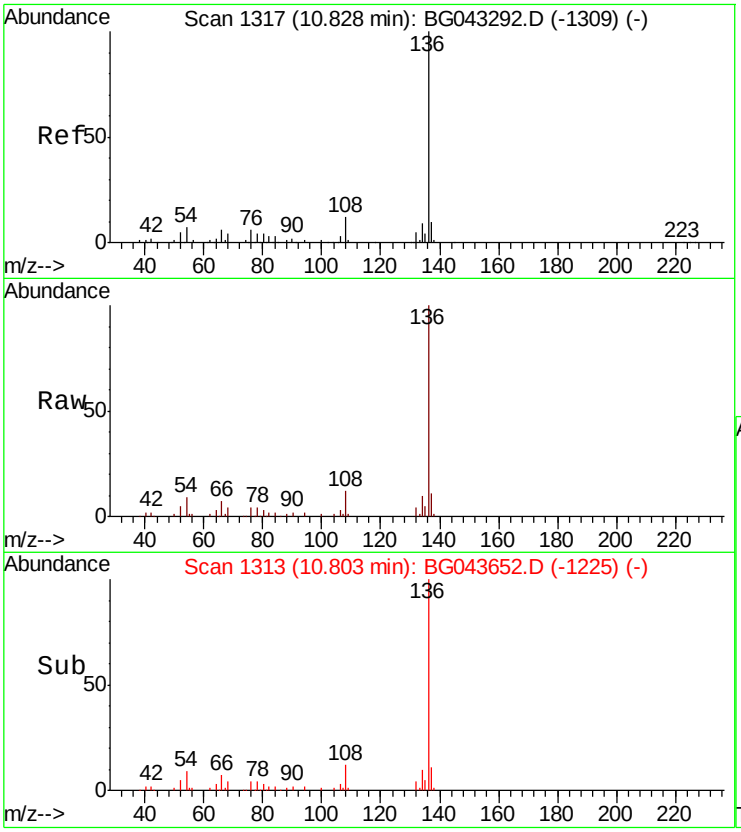


#19
n-Nitroso-di-n-propylamine
Concen: 18.694 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion: 70 Resp: 27824

Ion	Ratio	Lower	Upper
70	100		
42	42.2	41.4	62.2
101	0.0	7.9	11.9#
130	0.0	19.0	28.4#



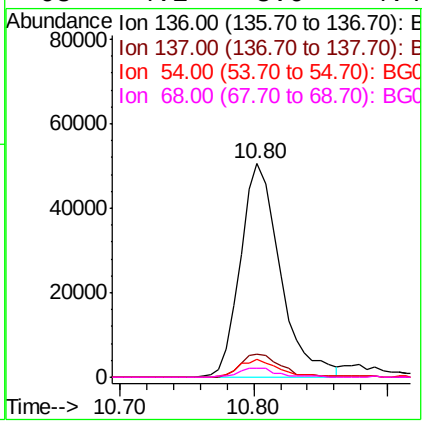


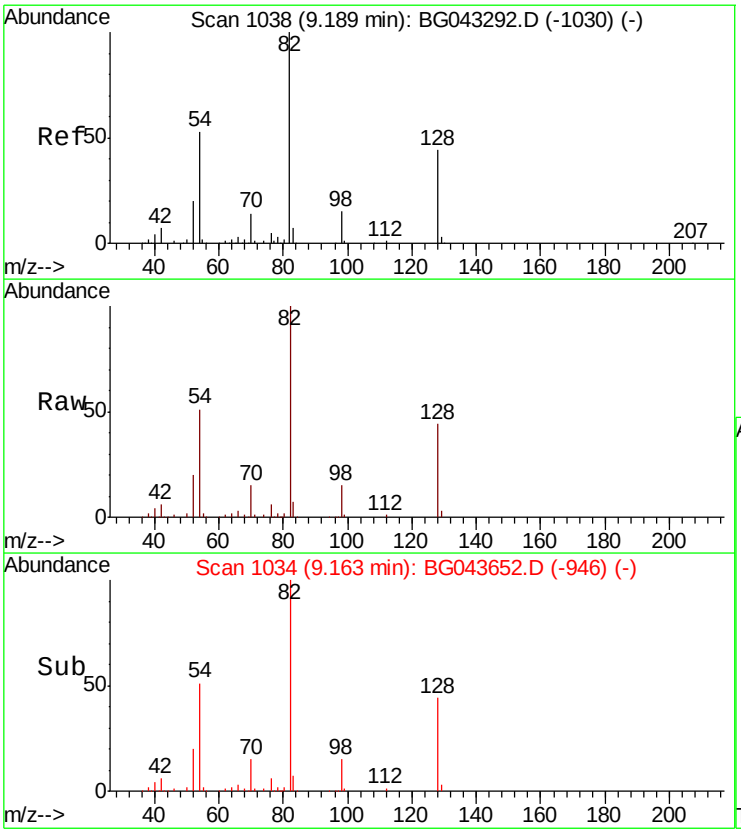
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 104423

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.5	5.4	8.2#
68	4.2	3.0	4.4

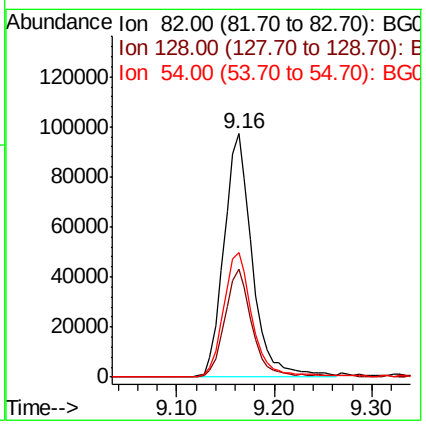


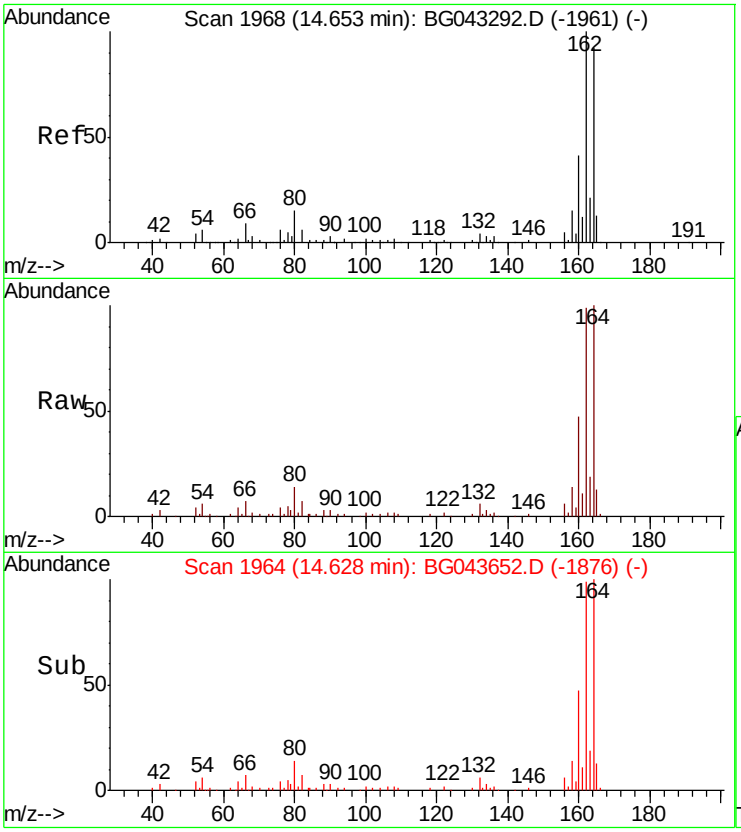


#23
Nitrobenzene-d5
Concen: 96.326 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion: 82 Resp: 195107

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.6
54	51.2	40.2	60.2



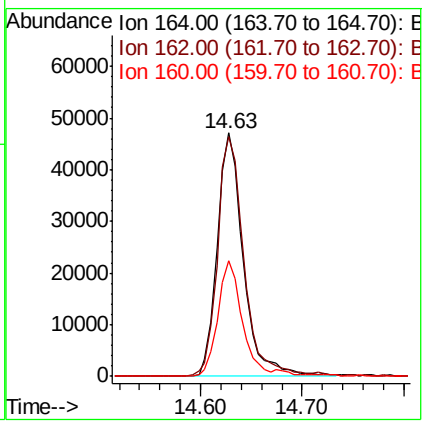


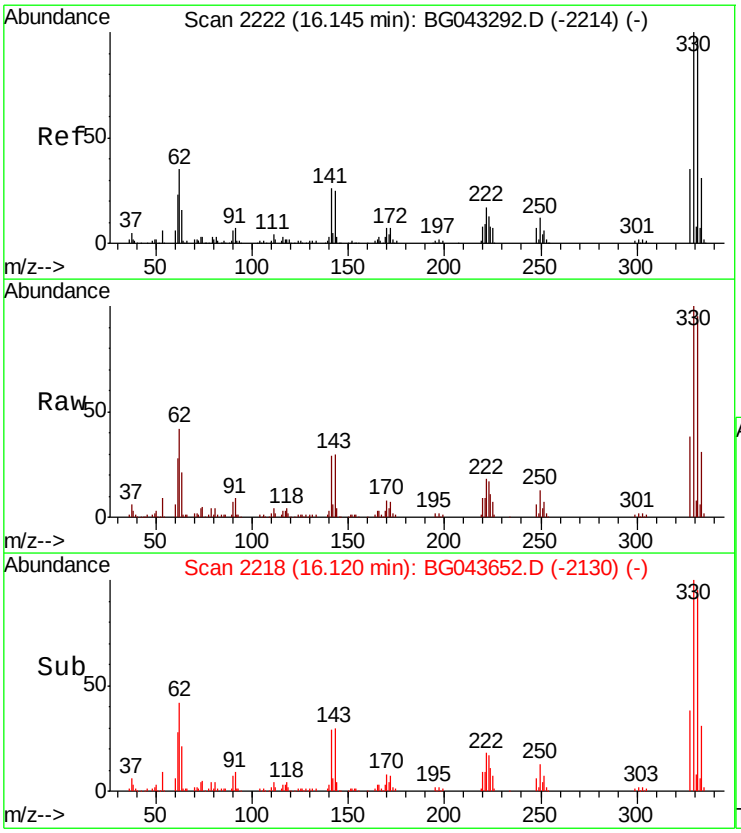
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 84044

Ion	Ratio	Lower	Upper
164	100		
162	98.6	83.5	125.3
160	47.4	36.5	54.7

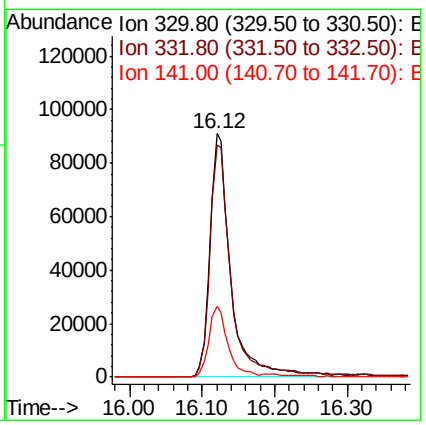


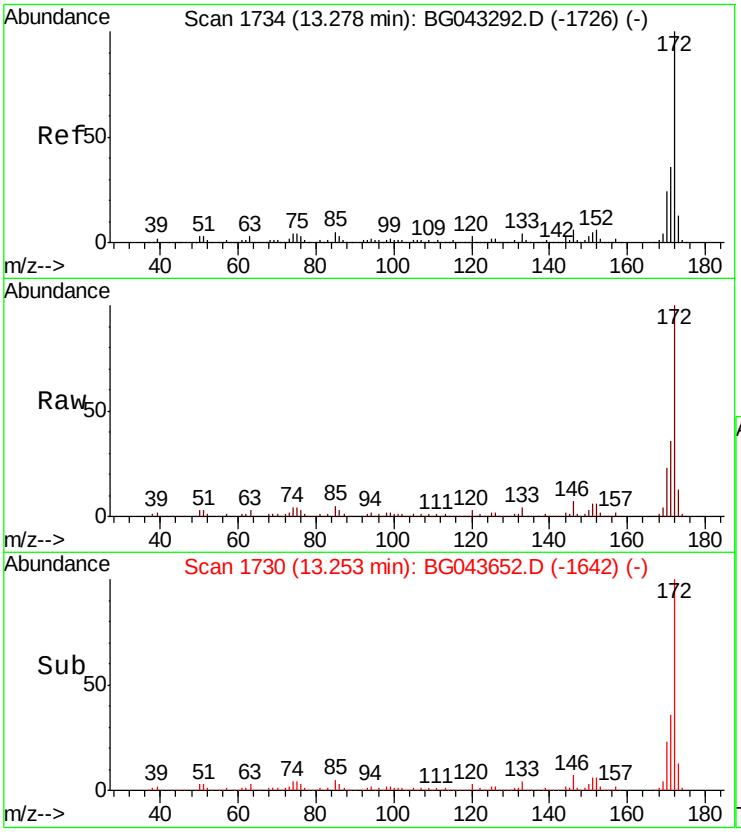


#42
2,4,6-Tribromophenol
Concen: 114.232 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion:330 Resp: 182698

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	26.6	22.8	34.2



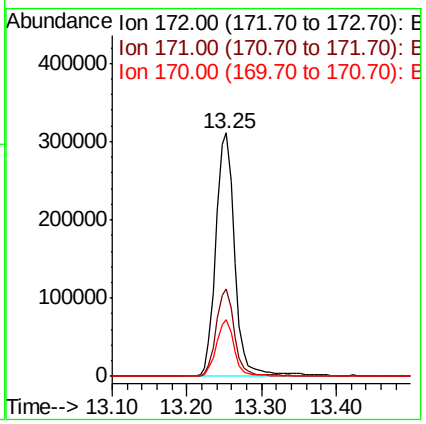


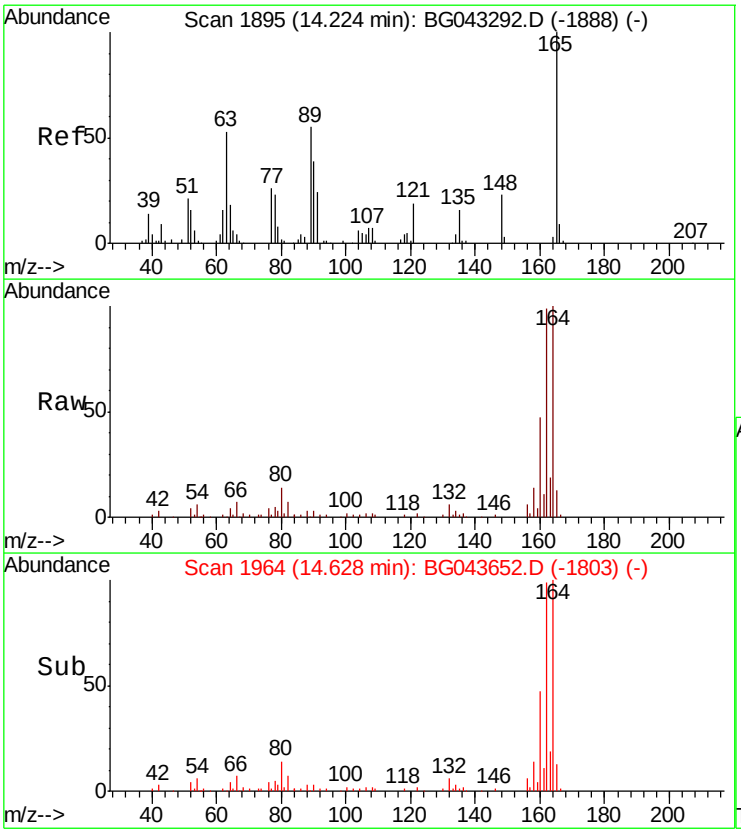
#45
2-Fluorobiphenyl
Concen: 90.462 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 550207

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.2	18.5	27.7

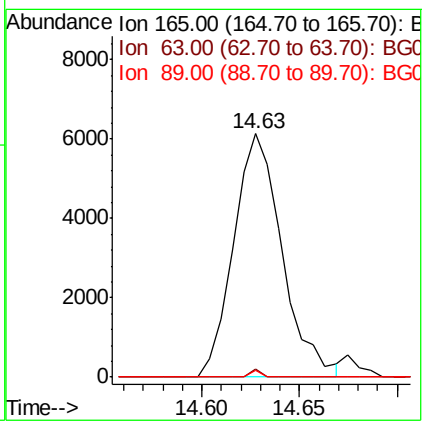


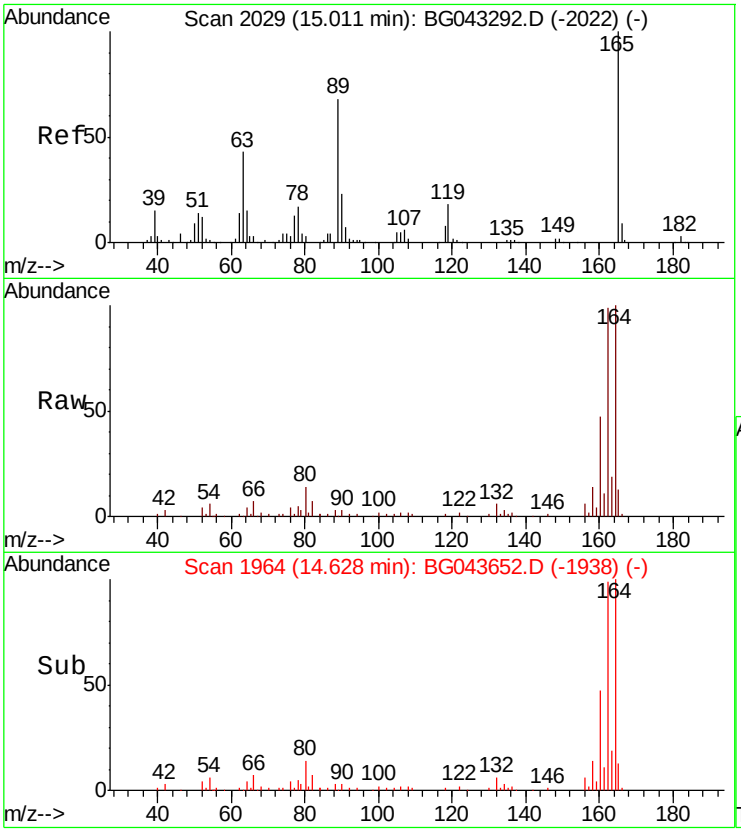


#51
2,6-Dinitrotoluene
Concen: 7.425 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.42 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion:165 Resp: 10501

Ion	Ratio	Lower	Upper
165	100		
63	3.2	46.6	69.8#
89	2.9	45.1	67.7#



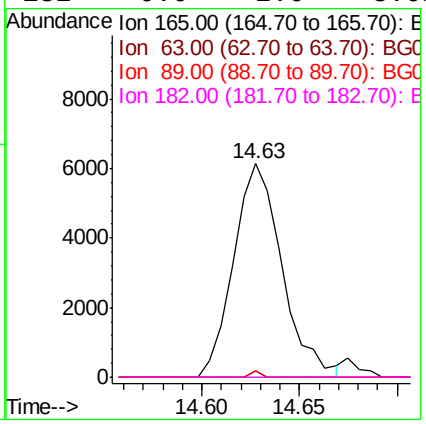


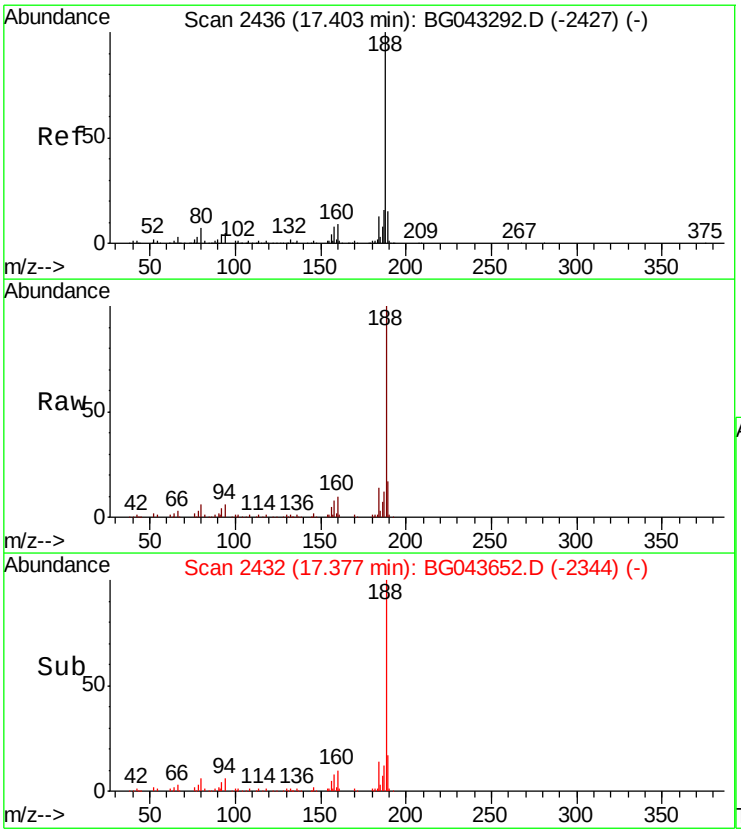
#57
2,4-Dinitrotoluene
Concen: 5.196 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.38 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10501

Ion	Ratio	Lower	Upper
165	100		
63	3.2	33.2	49.8#
89	2.9	52.2	78.4#
182	0.0	2.0	3.0#

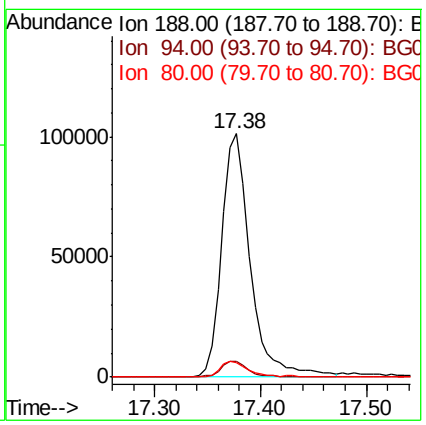


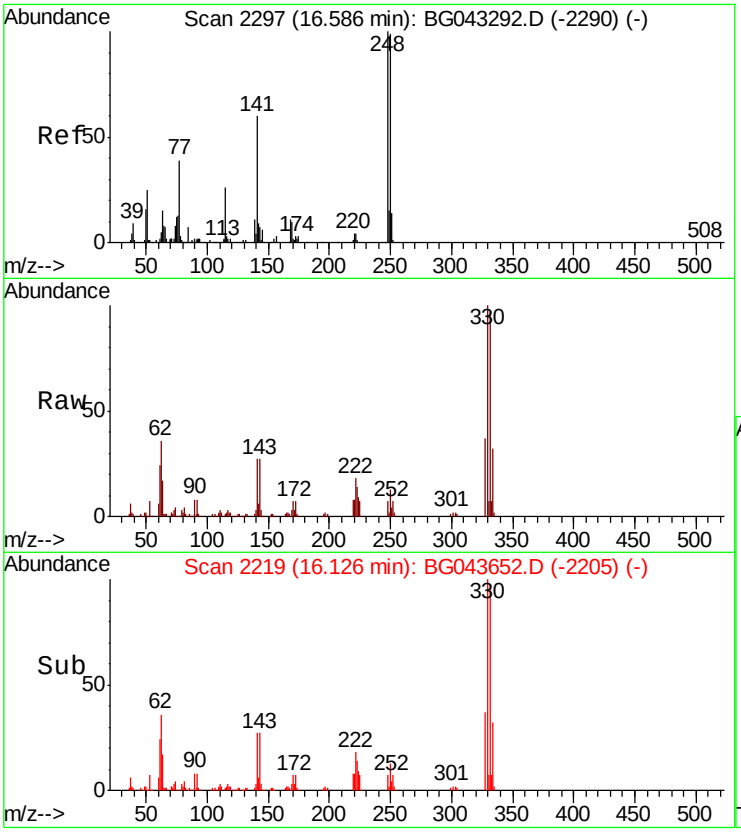


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion:188 Resp: 190231

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.0	4.5	6.7



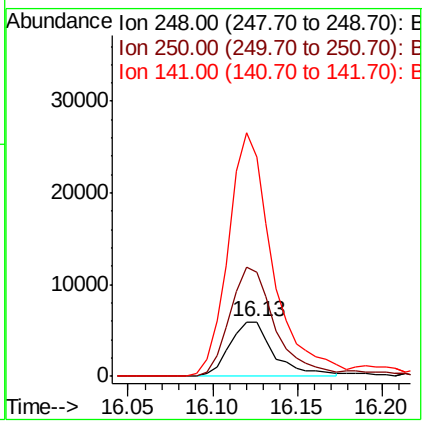


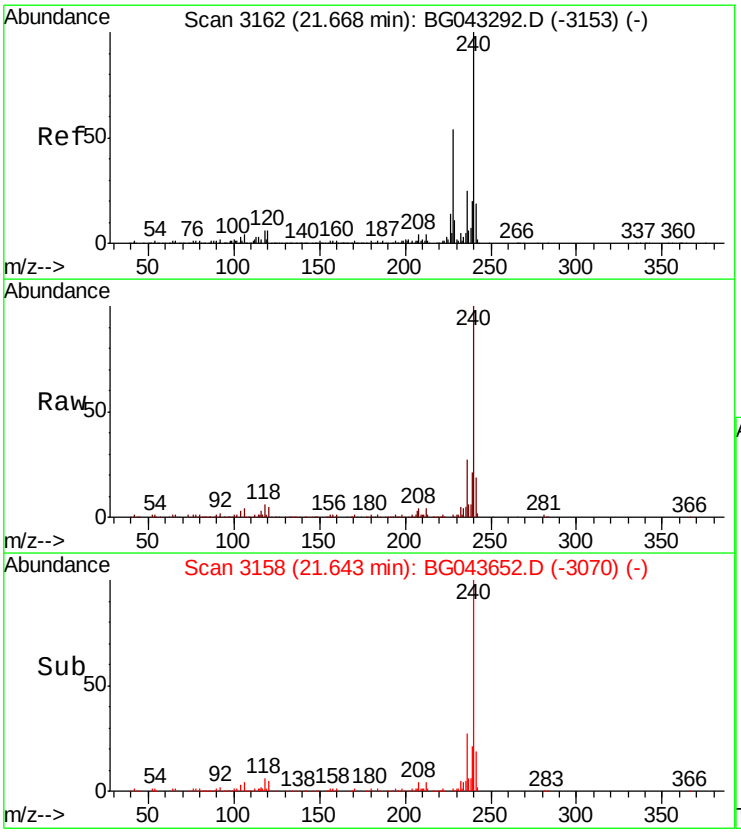
#67
4-Bromophenyl-phenylether
Concen: 4.267 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10925

Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.0	115.4#
141	404.3	47.5	71.3#

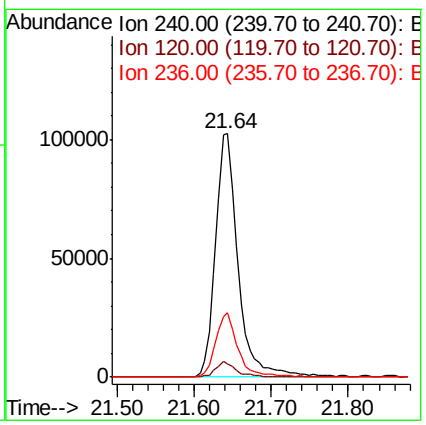


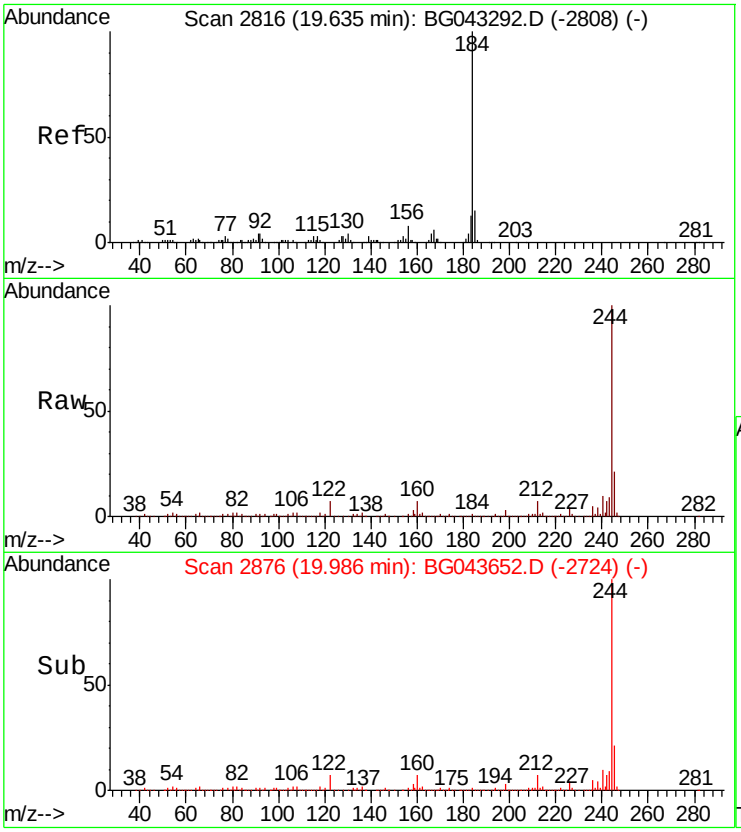


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion:240 Resp: 207199

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	6.8
236	26.5	19.8	29.8



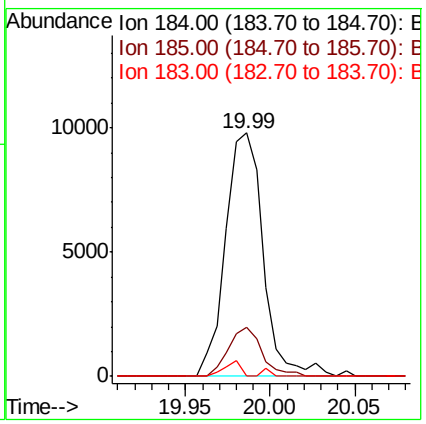


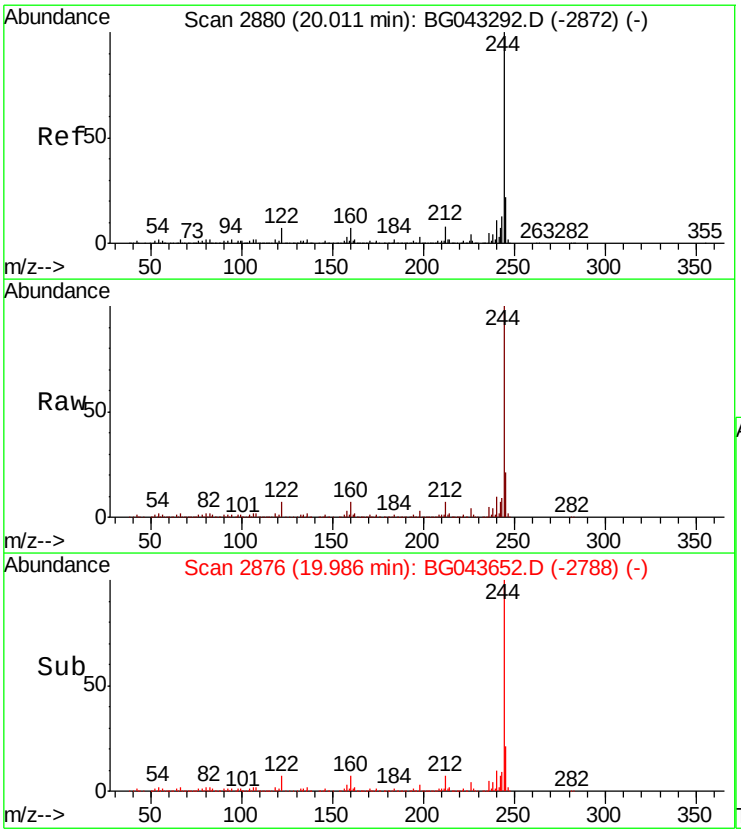
#77
Benzidine
Concen: 3.634 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15155

Ion	Ratio	Lower	Upper
184	100		
185	20.3	11.0	16.4#
183	0.0	10.0	15.0#

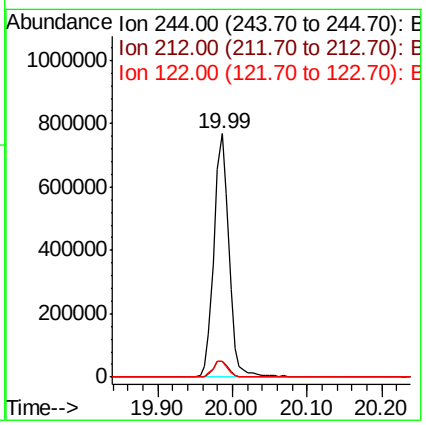


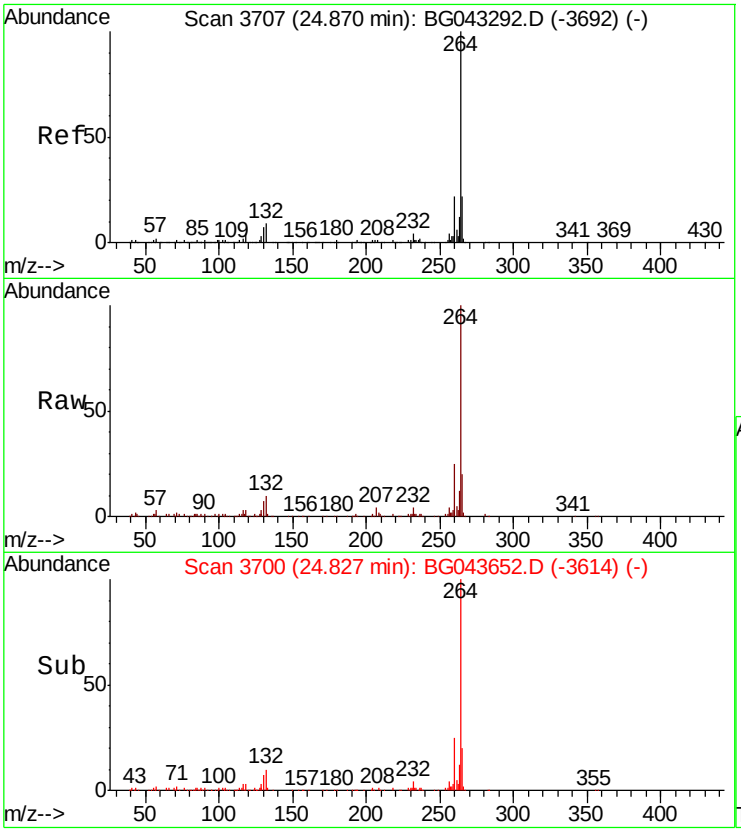


#79
Terphenyl-d14
Concen: 97.015 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Tgt Ion:244 Resp: 1071467

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.7	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.03 min
Lab File: BG043652.D
Acq: 15 Nov 2019 8:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 238519

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.5	26.3
265	20.2	17.4	26.0