Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043700.D
Acq On : 19 Nov 2019 16:19
Operator : JU
Sample : PB124903BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 20 02:47:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26468	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	91174	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	75280	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	190449	20.00	ng	0.00
76) Chrysene-d12	21.64	240	229953	20.00	ng	0.00
87) Perylene-d12	24.81	264	257476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	181717	125.81	ng	0.00
7) Phenol-d6	7.18	99	242784	116.83	ng	0.00
23) Nitrobenzene-d5	9.15	82	142877	80.79	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	143870	100.43	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	396742	72.82	ng	0.00
79) Terphenyl-d14	19.98	244	984766	80.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	19922	14.835	ng	# 73
51) 2,6-Dinitrotoluene	14.63	165	9611	7.587	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	9611	5.309	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	9754	3.806	ng	# 1
77) Benzidine	19.98	184	14749	3.187	ng	# 92

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

Quantitation Report (Not Reviewed)

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Acq On : 19 Nov 2019 16:19
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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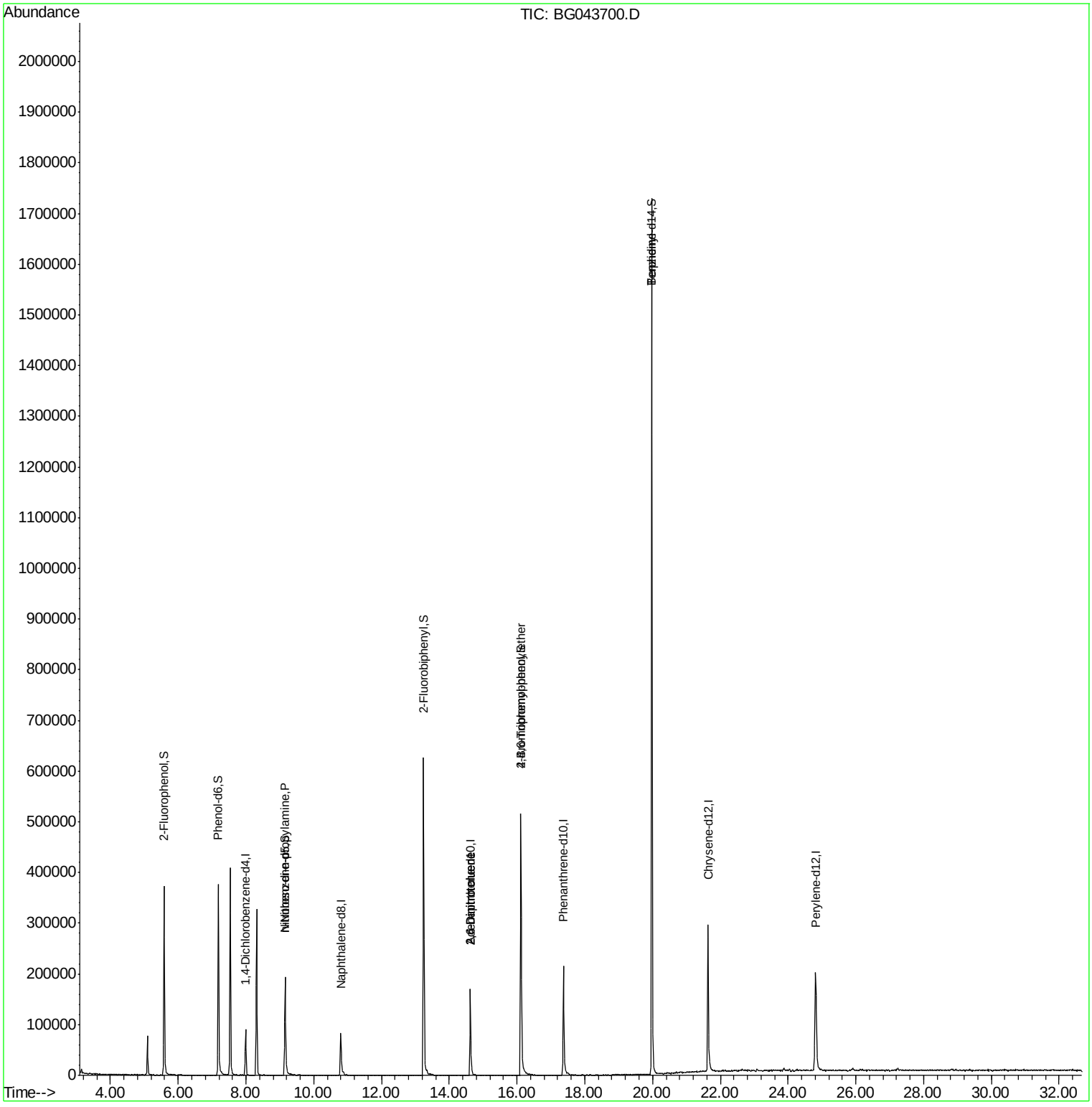
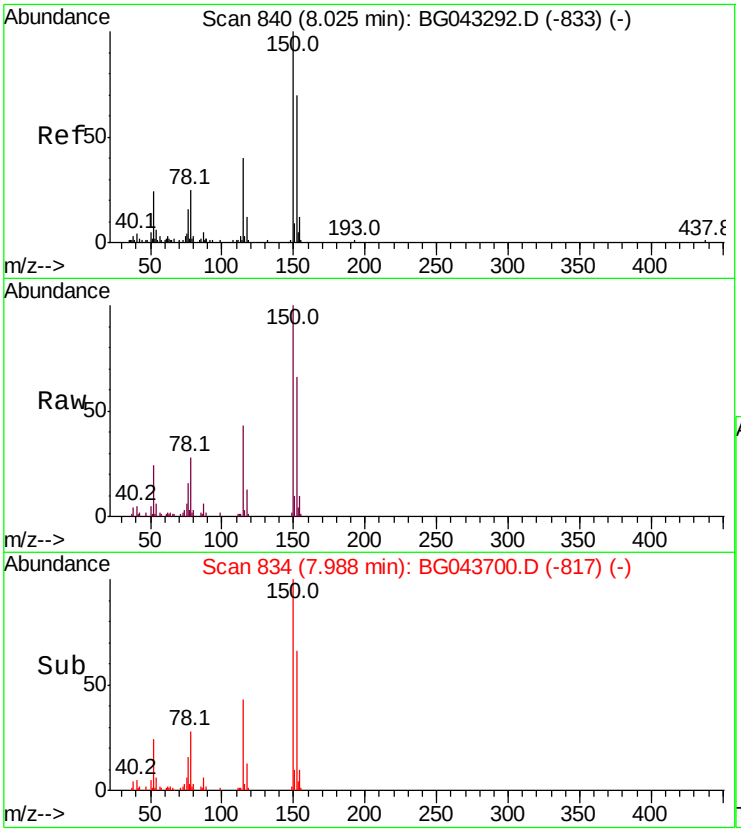


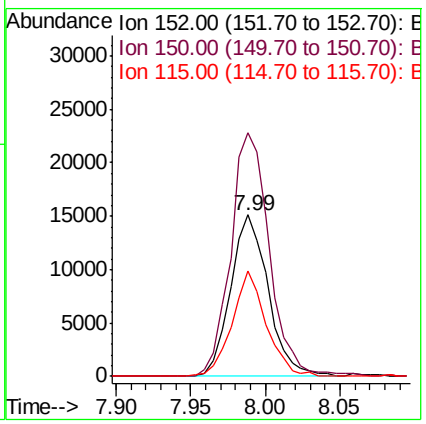


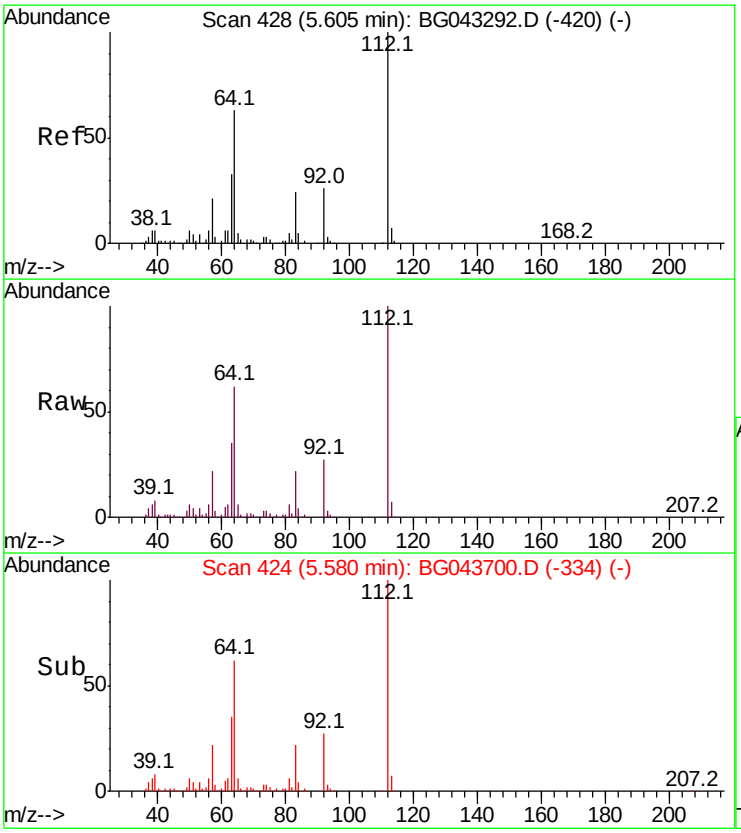
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26468

Ion	Ratio	Lower	Upper
152	100		
150	151.1	116.6	175.0
115	65.3	40.5	60.7#

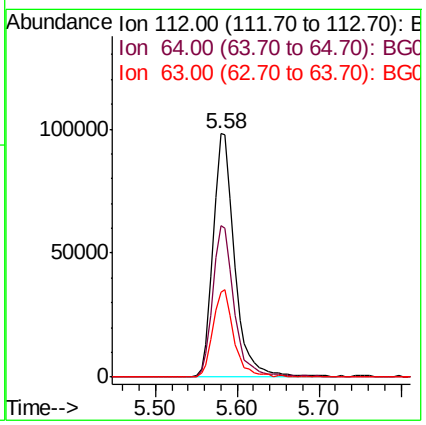


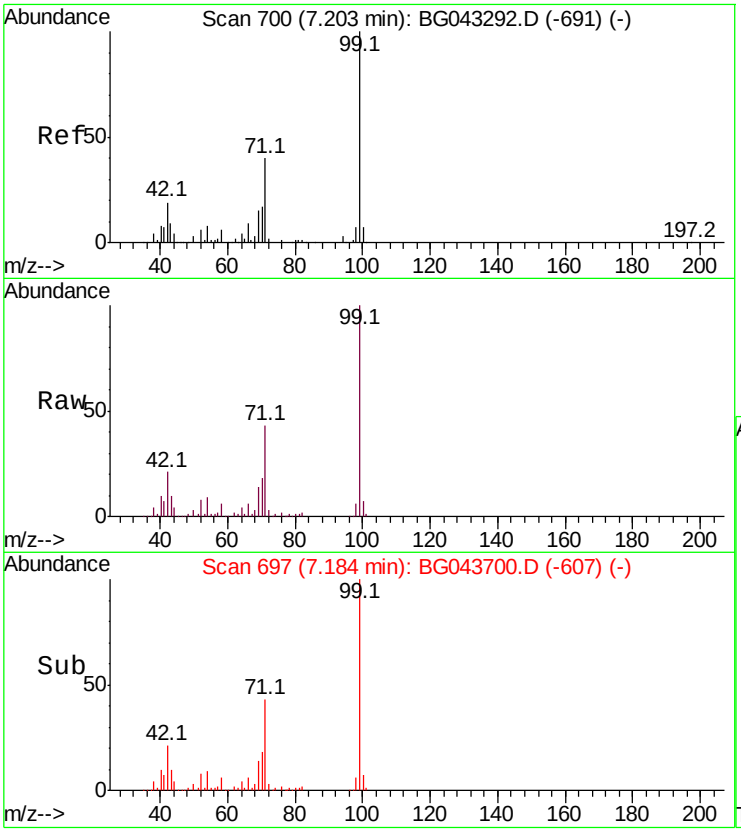


#5
2-Fluorophenol
Concen: 125.807 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:112 Resp: 181717

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.6	75.8
63	34.9	30.5	45.7



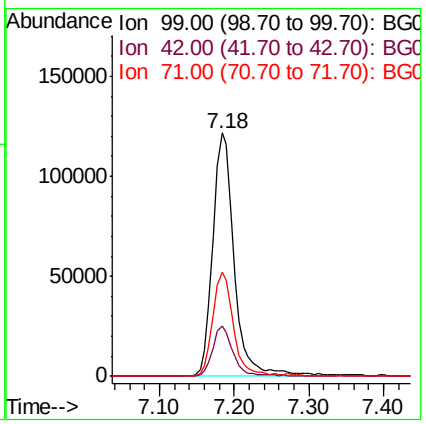


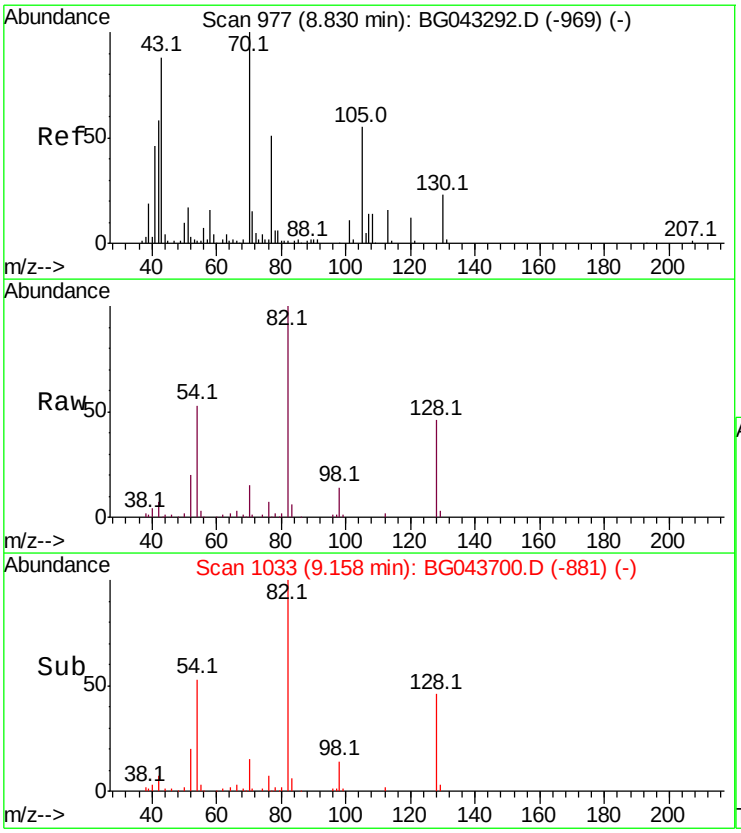
#7
Phenol-d6
Concen: 116.826 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 242784

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.8	23.8
71	42.9	34.4	51.6

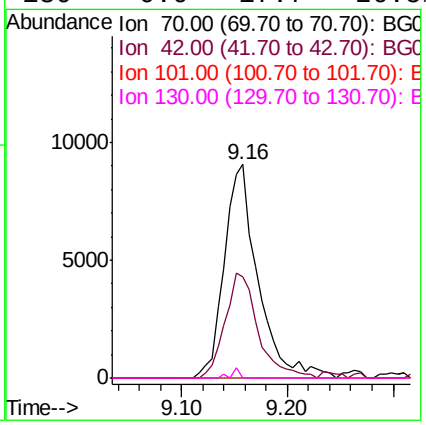


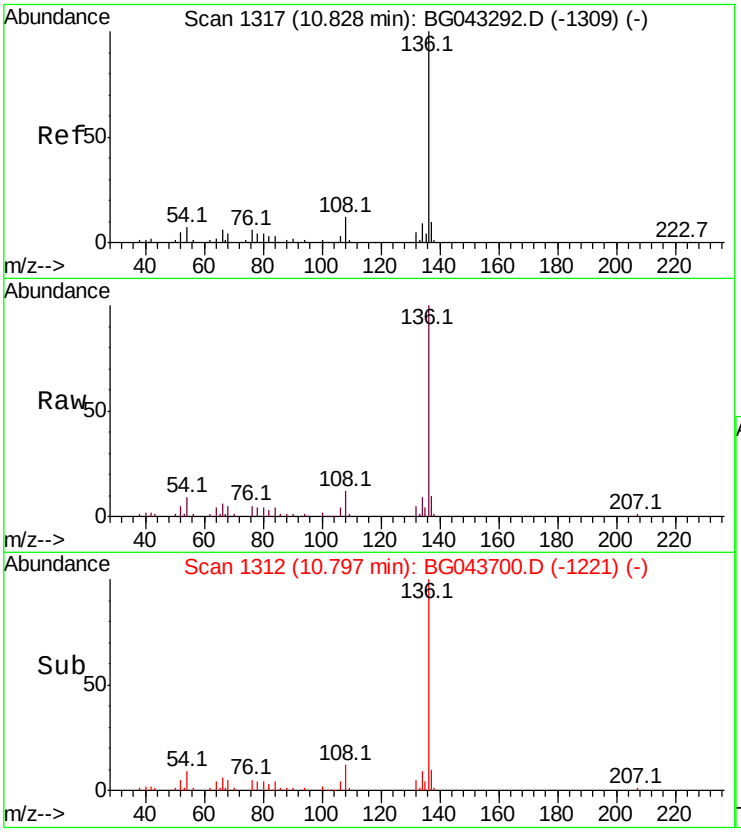


#19
n-Nitroso-di-n-propylamine
Concen: 14.835 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.36 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion: 70 Resp: 19922

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.7	74.5#
101	0.0	9.7	14.5#
130	0.0	17.7	26.5#



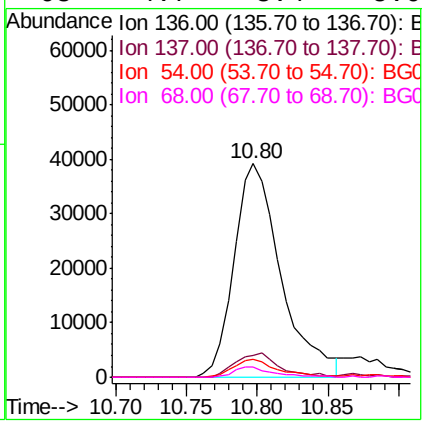


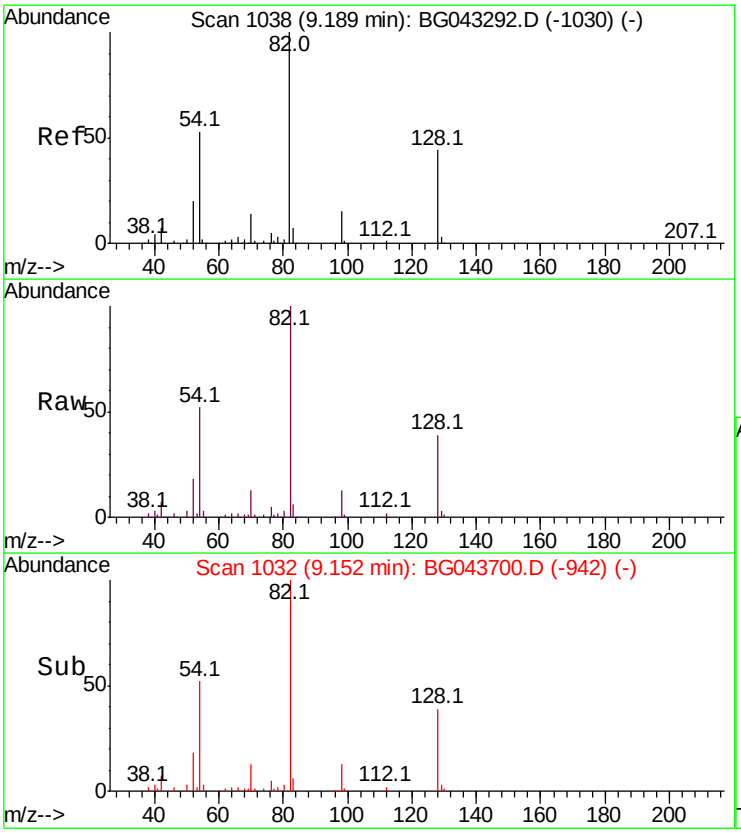
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 91174

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	8.5	6.2	9.2
68	4.7	3.4	5.0

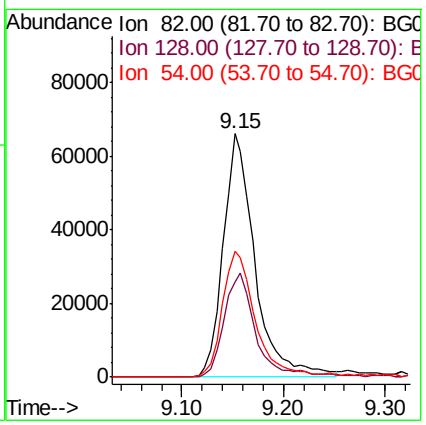


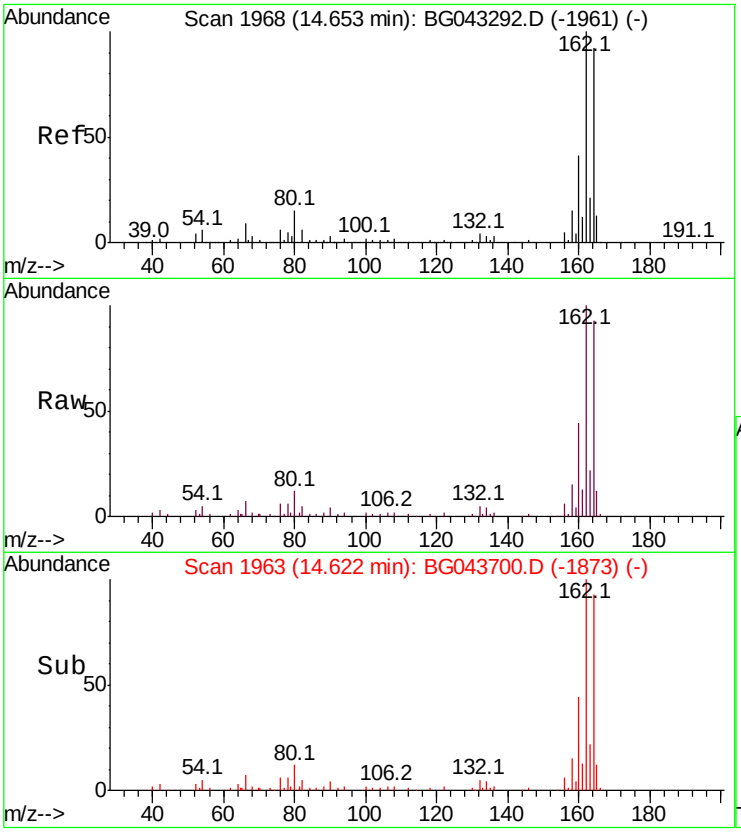


#23
Nitrobenzene-d5
Concen: 80.790 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion: 82 Resp: 142877

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.2	51.4
54	51.6	44.7	67.1



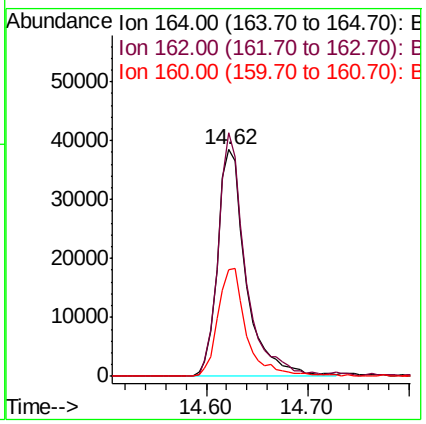


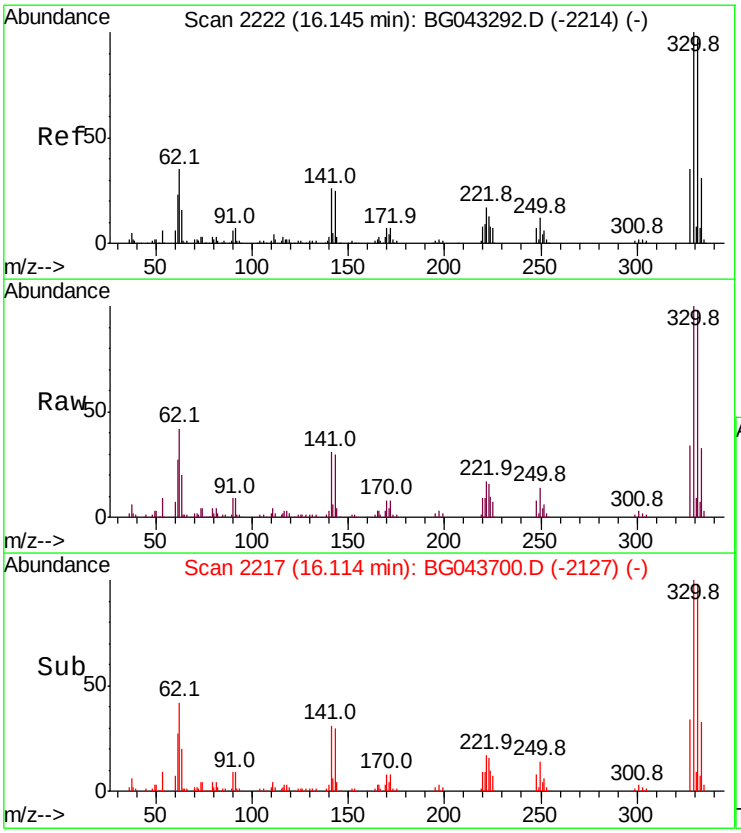
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 75280

Ion	Ratio	Lower	Upper
164	100		
162	107.5	79.4	119.2
160	47.1	36.3	54.5

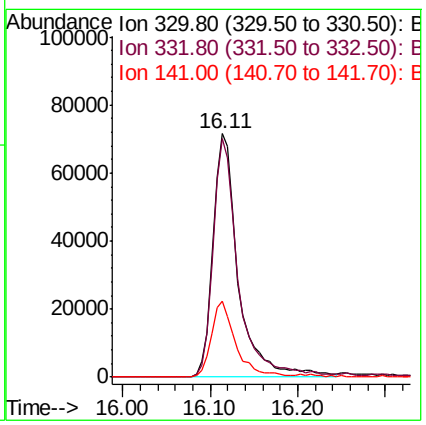


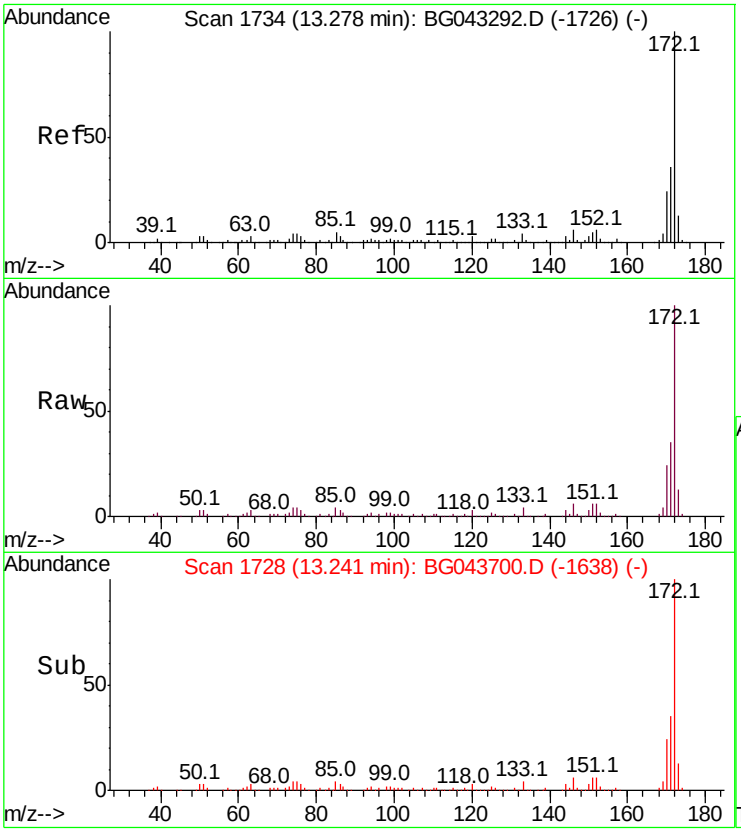


#42
2,4,6-Tribromophenol
Concen: 100.427 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:330 Resp: 143870

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	29.9	23.4	35.2



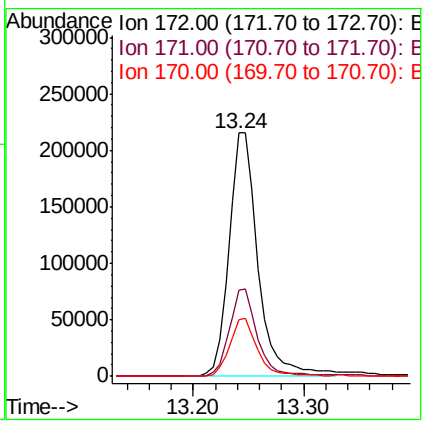


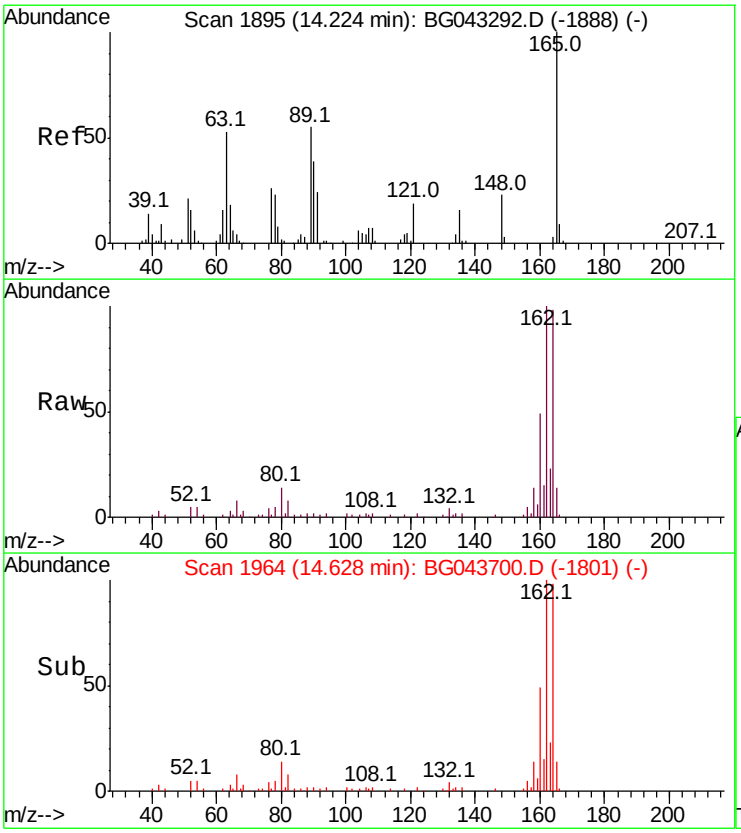
#45
2-Fluorobiphenyl
Concen: 72.824 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 396742

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.5	18.8	28.2

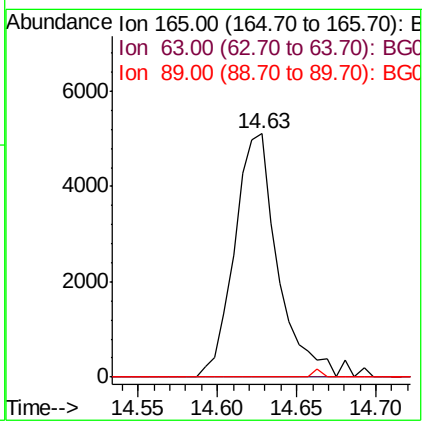


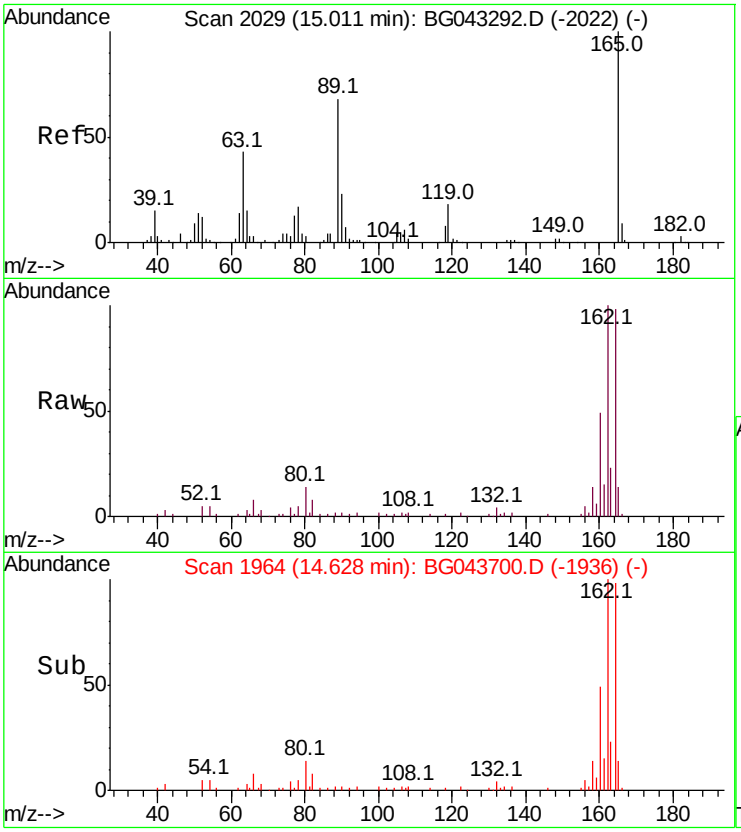


#51
2,6-Dinitrotoluene
Concen: 7.587 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:165 Resp: 9611

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	0.0	39.8	59.8#



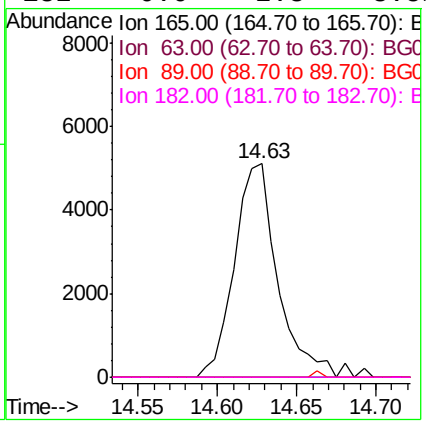


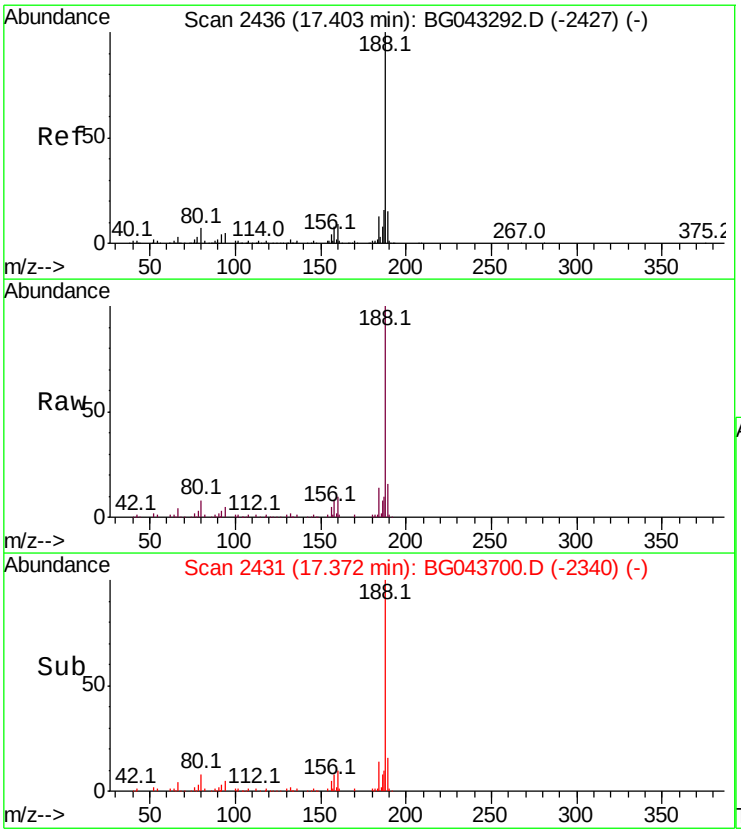
#57
2,4-Dinitrotoluene
Concen: 5.309 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.37 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9611

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

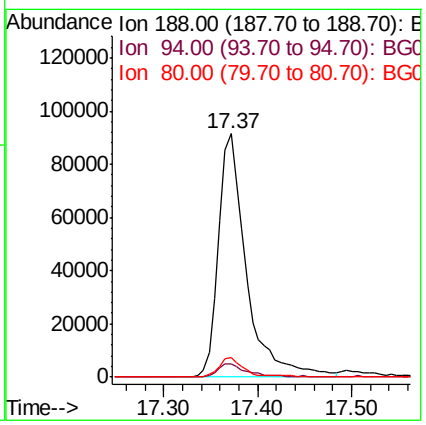


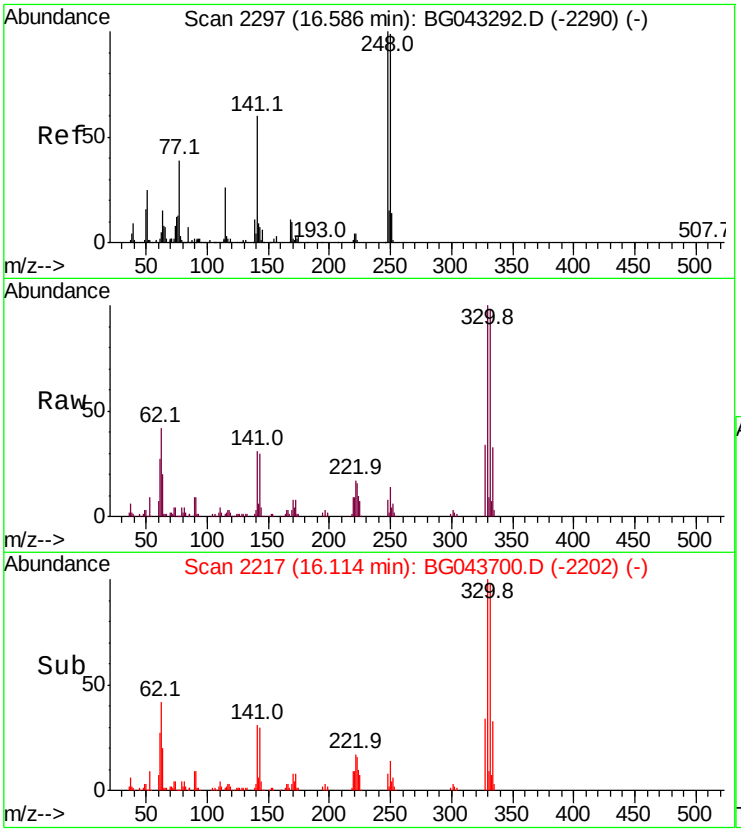


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:188 Resp: 190449

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	7.9	5.2	7.8#



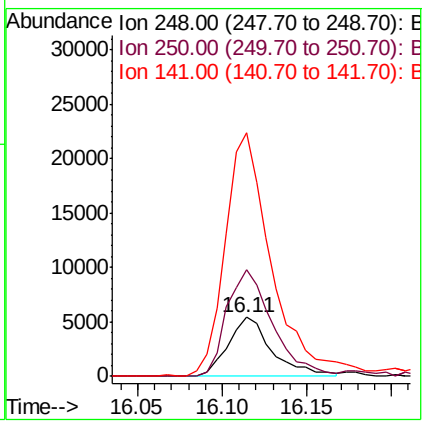


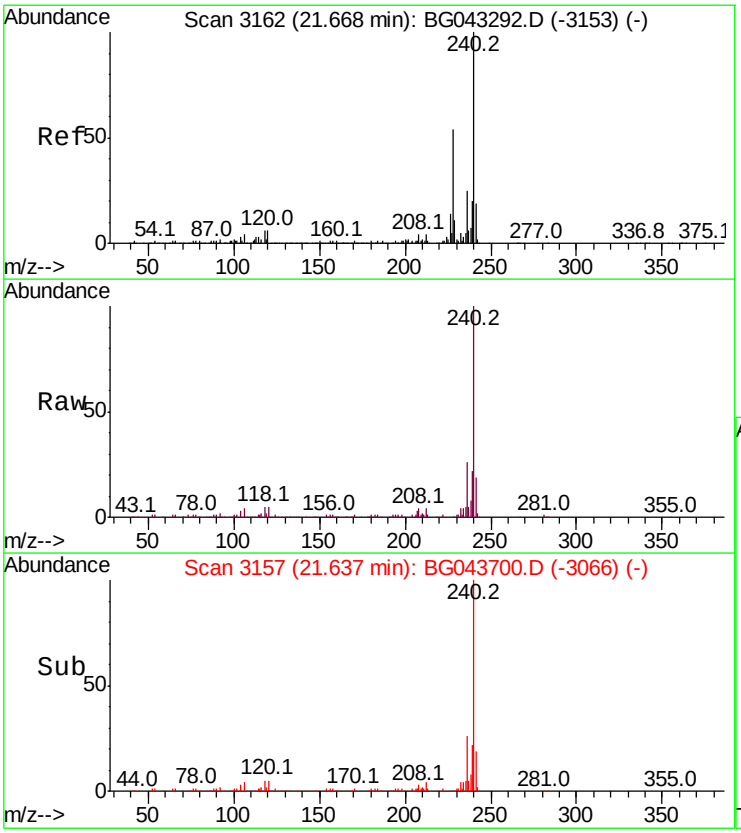
#67
4-Bromophenyl-phenylether
Concen: 3.806 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9754

Ion	Ratio	Lower	Upper
248	100		
250	181.7	76.3	114.5#
141	415.1	49.5	74.3#

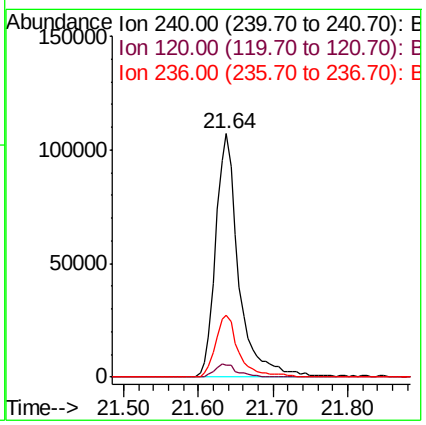


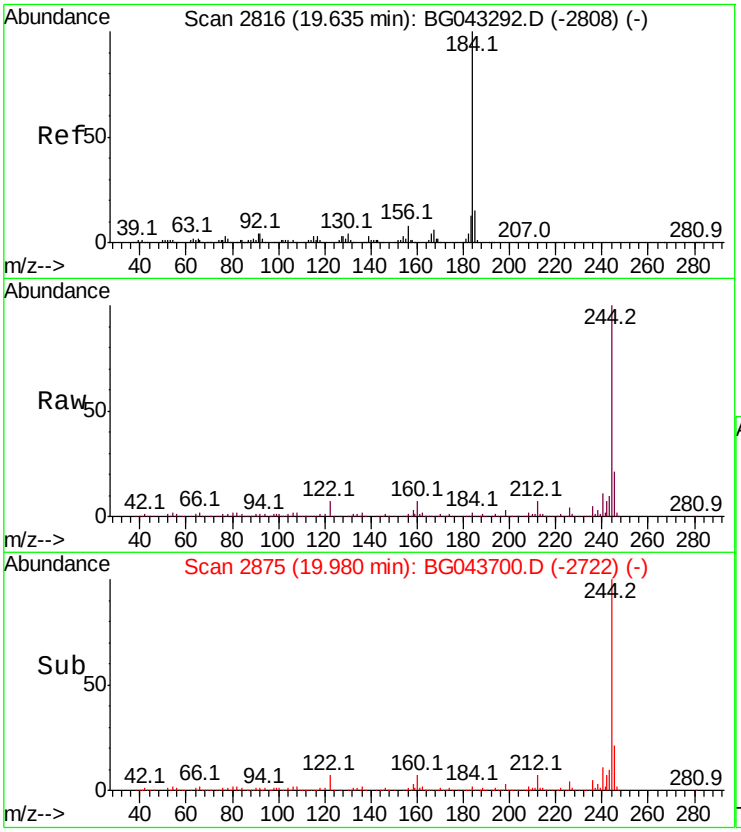


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:240 Resp: 229953

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.9	7.3
236	25.6	21.4	32.0



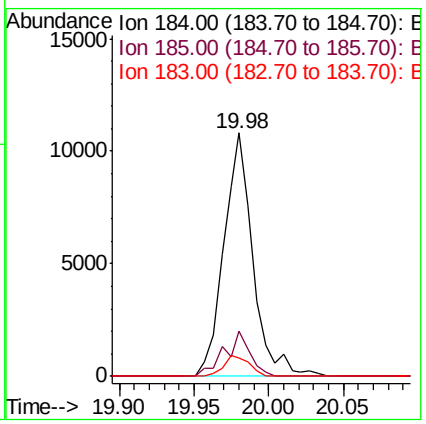


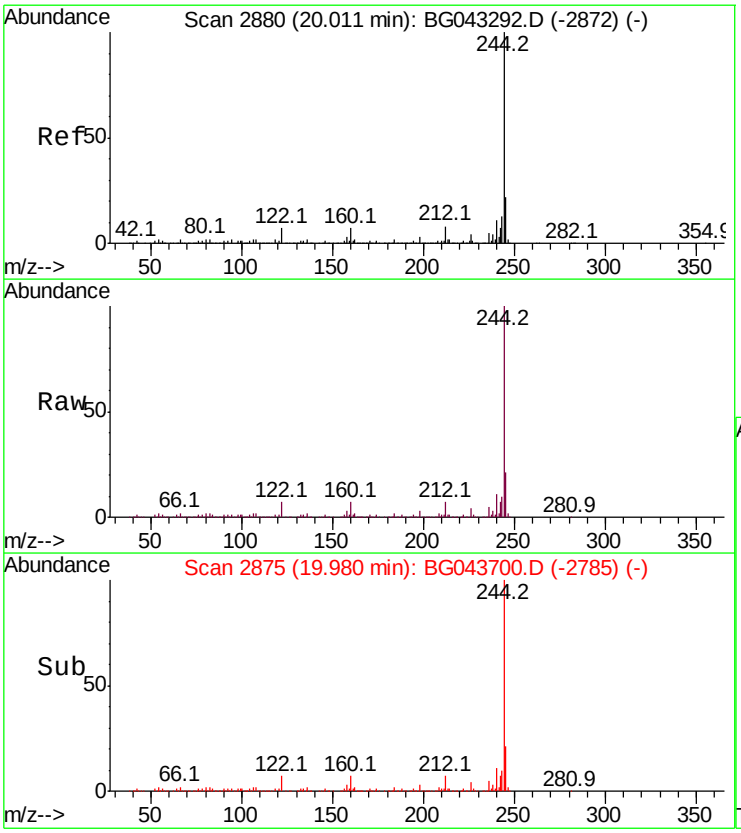
#77
Benzidine
Concen: 3.187 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.37 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 14749

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.7	19.1
183	7.3	8.8	13.2#

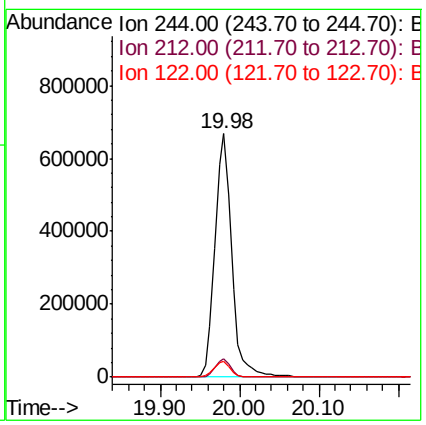


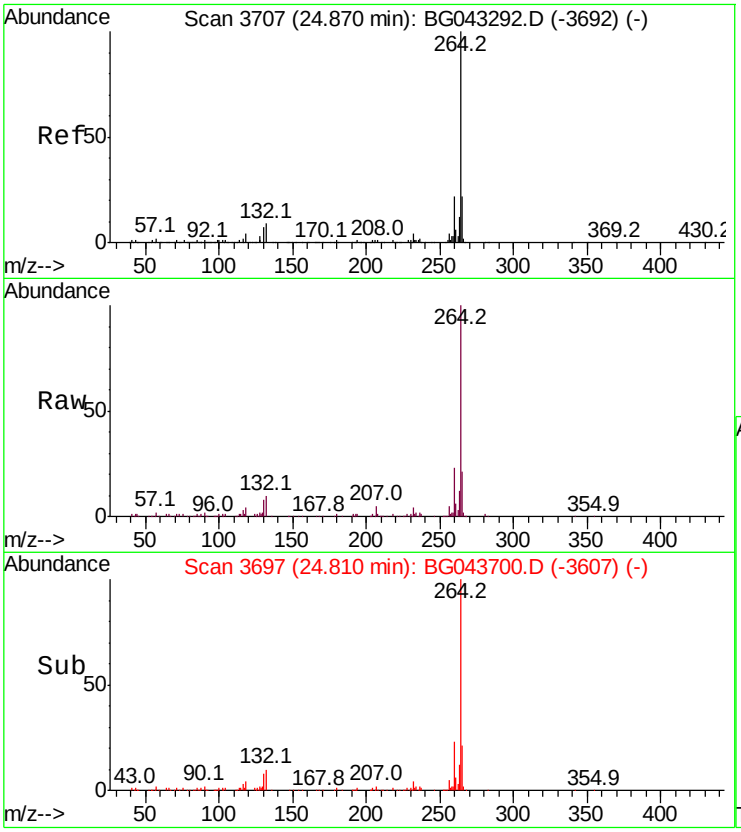


#79
Terphenyl-d14
Concen: 80.341 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Tgt Ion:244 Resp: 984766

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	6.6	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043700.D
Acq: 19 Nov 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 257476

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.4	15.8	23.8