Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043612.D
Acq On : 12 Nov 2019 15:22
Operator : JU
Sample : K5676-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-110819

Quant Time: Nov 12 16:01:49 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	8.00	152	30021	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	113174	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	83411	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	205384	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	229638	20.00	ng	-0.01
87) Perylene-d12	24.83	264	255833	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	228018	139.18	ng	0.00
7) Phenol-d6	7.21	99	300546	127.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	189018	86.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	195057	122.88	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	507711	84.11	ng	-0.01
79) Terphenyl-d14	19.98	244	1099840	89.85	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	5288	8.283	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	25367	16.655	ng	# 79
51) 2,6-Dinitrotoluene	14.63	165	11669	8.314	ng	# 22
57) 2,4-Dinitrotoluene	14.63	165	11668	5.817	ng	# 25
67) 4-Bromophenyl-phenylether	16.12	248	12393	4.484	ng	# 1
77) Benzidine	19.98	184	15737	3.405	ng	# 94

(#) = 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
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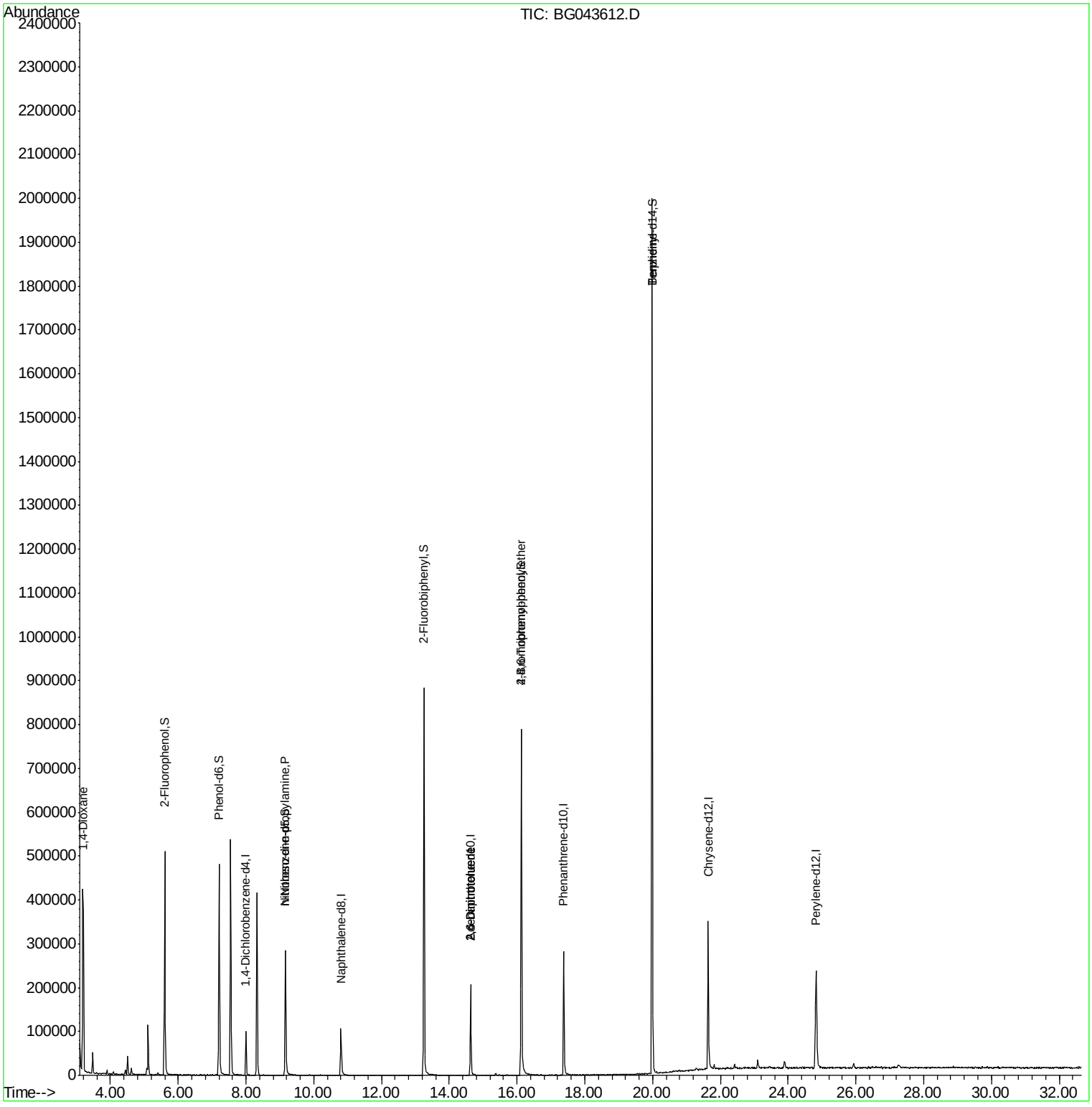
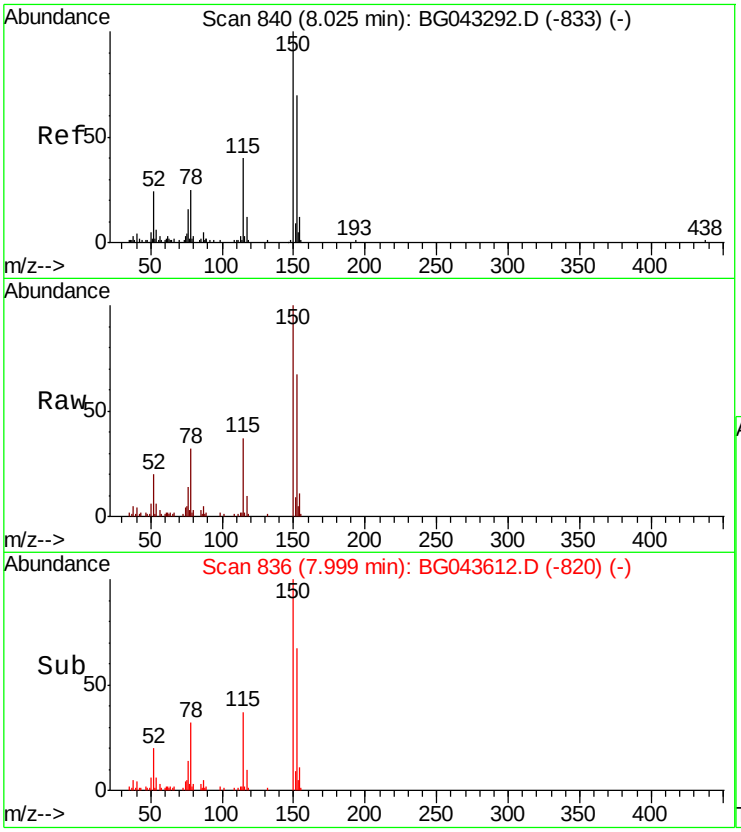


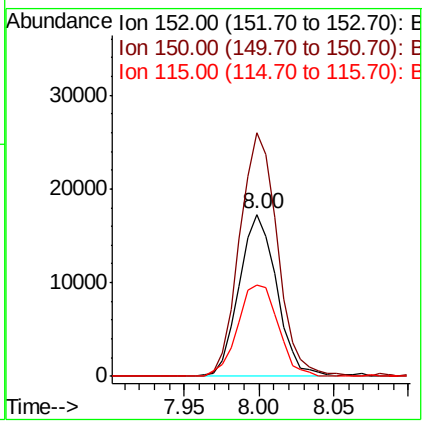


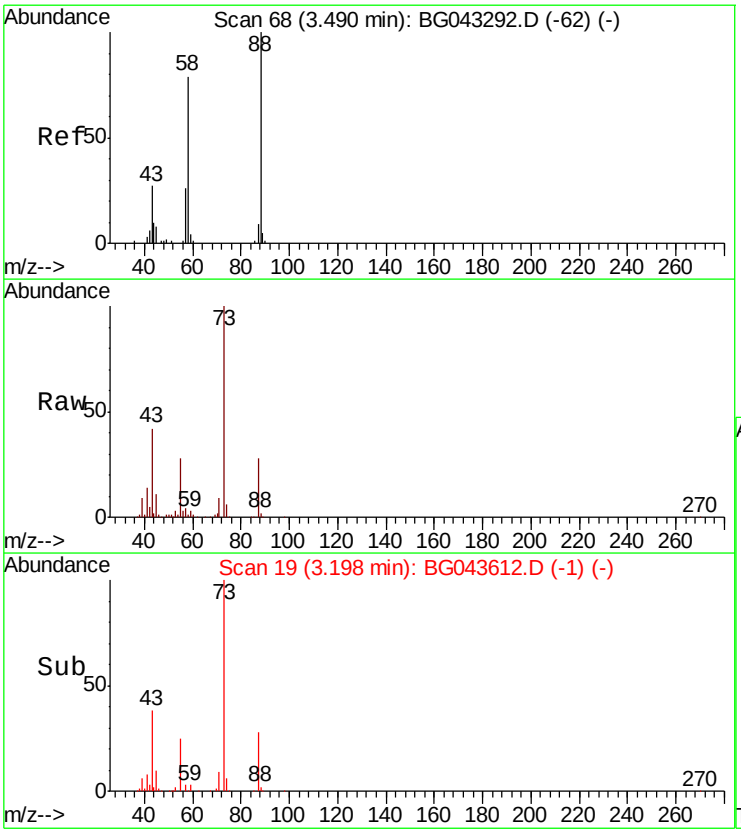
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:152 Resp: 30021

Ion	Ratio	Lower	Upper
152	100		
150	150.3	129.4	194.0
115	56.3	48.8	73.2

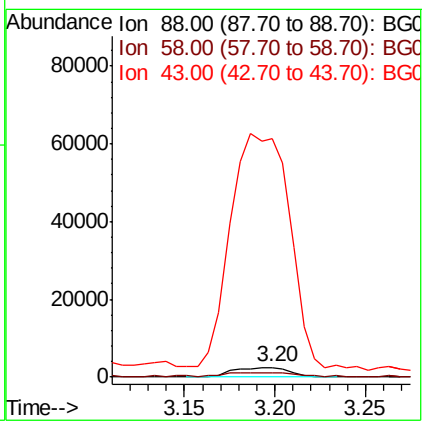


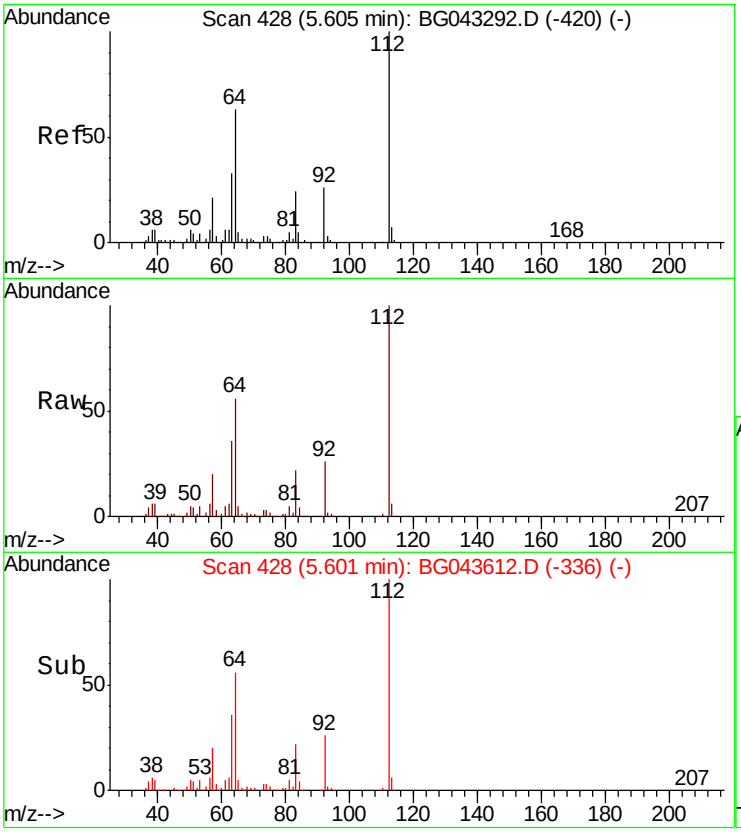


#2
1,4-Dioxane
Concen: 8.283 ng
RT: 3.20 min Scan# 19
Delta R.T. -0.27 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion: 88 Resp: 5288

Ion	Ratio	Lower	Upper
88	100		
58	57.0	62.7	94.1#
43	2623.2	23.7	35.5#



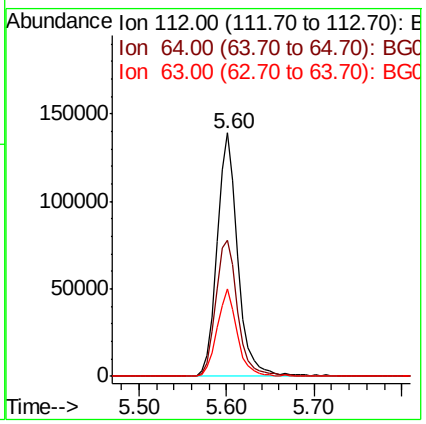


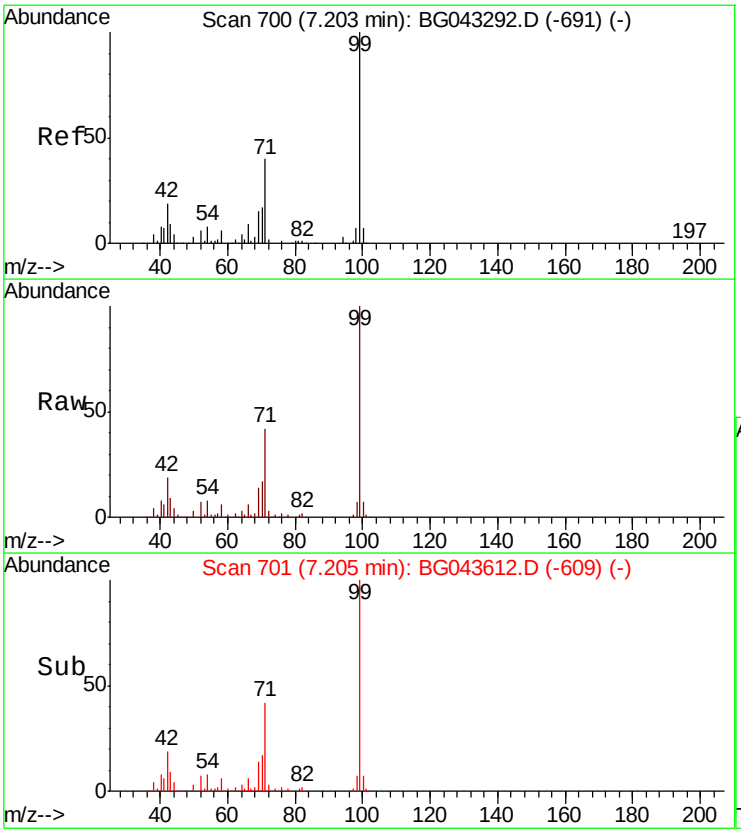
#5
2-Fluorophenol
Concen: 139.180 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:112 Resp: 228018

Ion	Ratio	Lower	Upper
112	100		
64	55.7	50.0	75.0
63	35.8	26.6	40.0

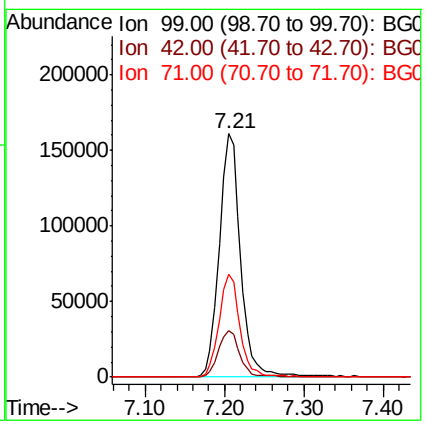


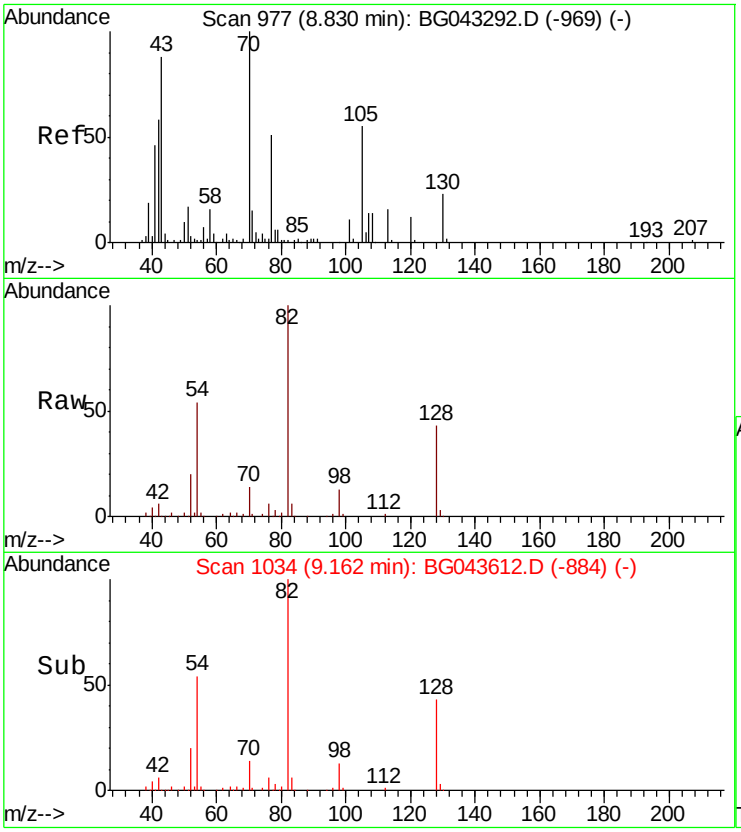


#7
Phenol-d6
Concen: 127.505 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion: 99 Resp: 300546

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.6	21.8
71	42.0	32.5	48.7



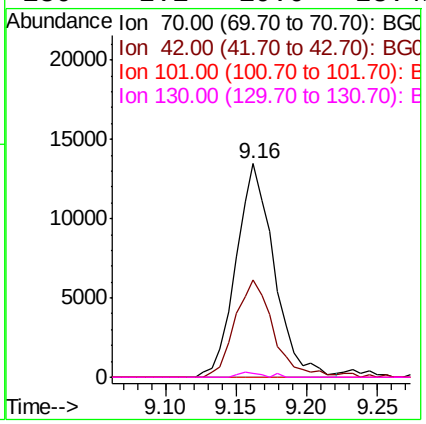


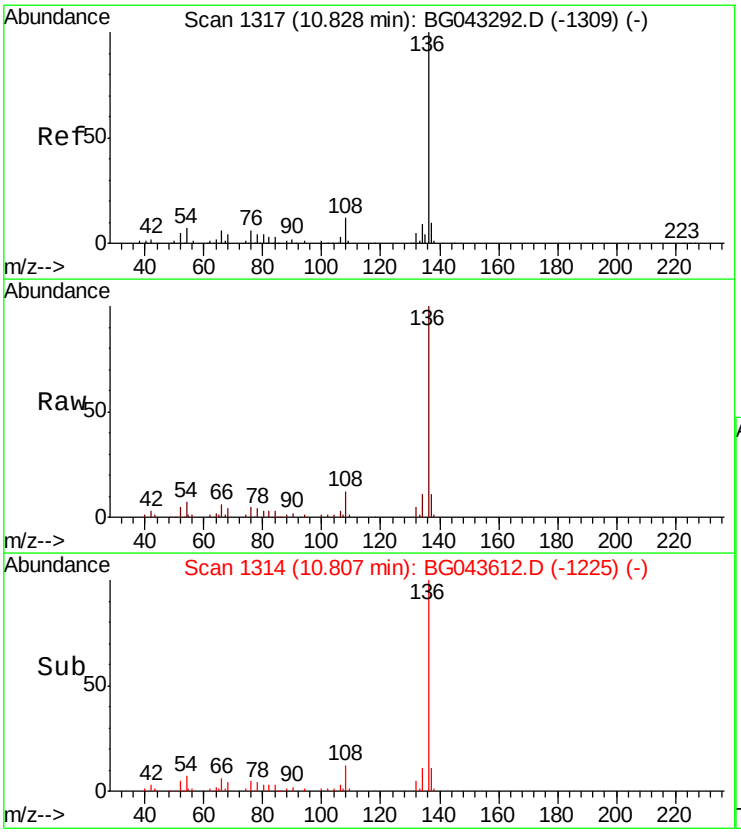
#19
n-Nitroso-di-n-propylamine
Concen: 16.655 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion: 70 Resp: 25367

Ion	Ratio	Lower	Upper
70	100		
42	45.4	41.4	62.2
101	0.0	7.9	11.9#
130	2.1	19.0	28.4#

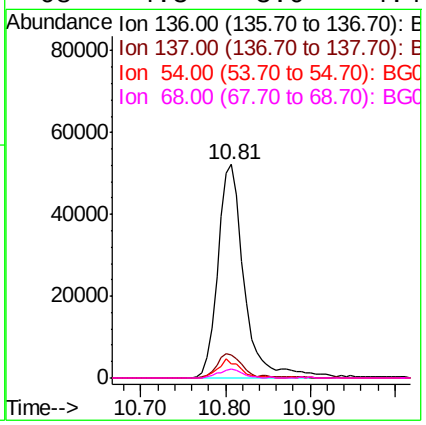


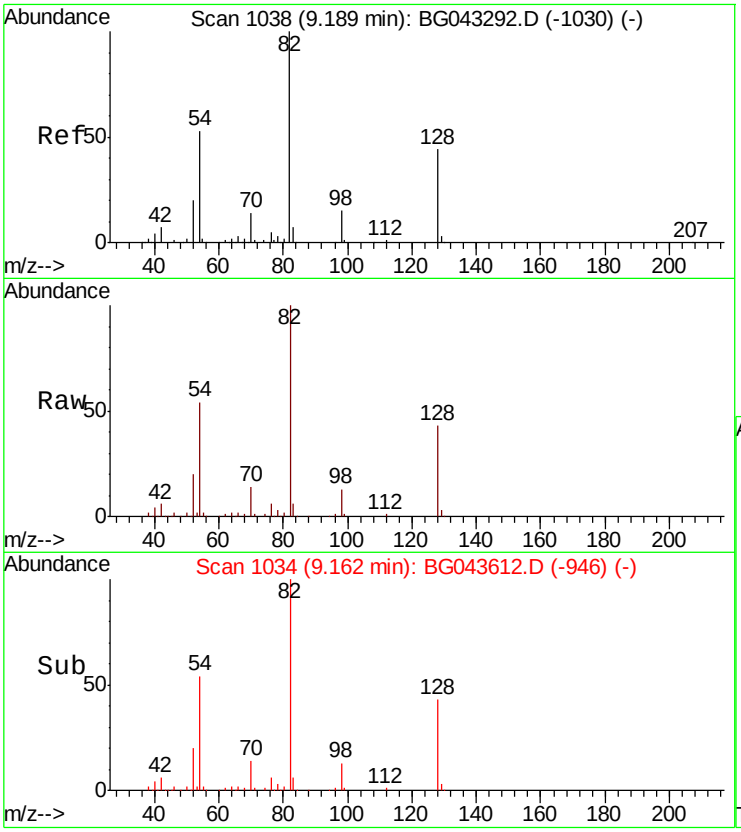


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:136 Resp: 113174

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	5.4	8.2
68	4.3	3.0	4.4



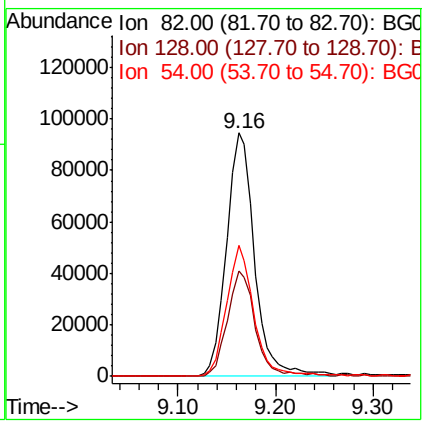


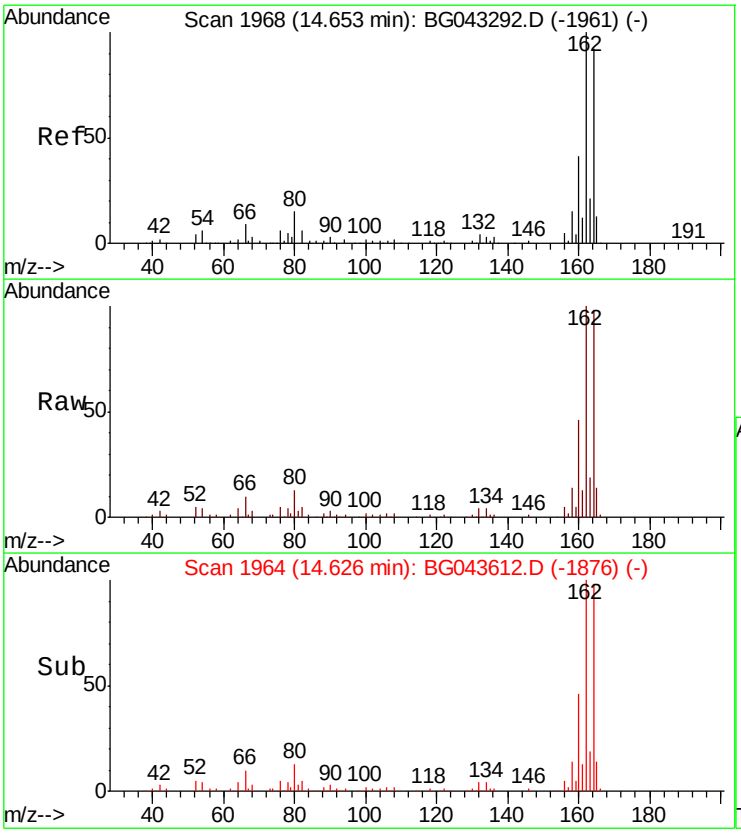
#23
Nitrobenzene-d5
Concen: 86.104 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion: 82 Resp: 189018

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	53.8	40.2	60.2

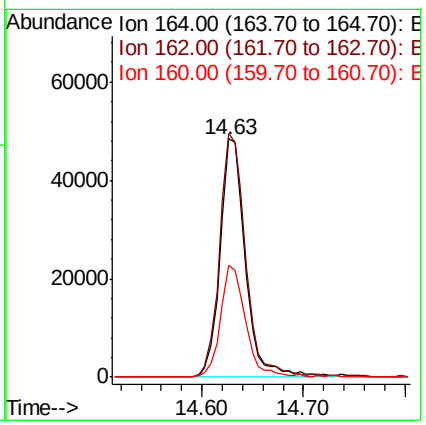


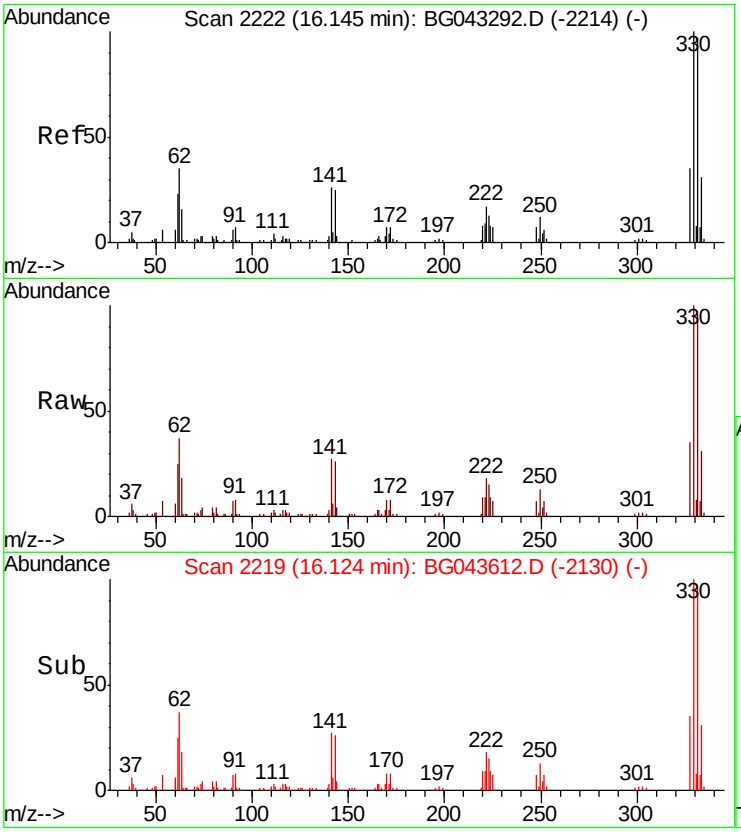


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:164 Resp: 83411

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.5	125.3
160	46.7	36.5	54.7



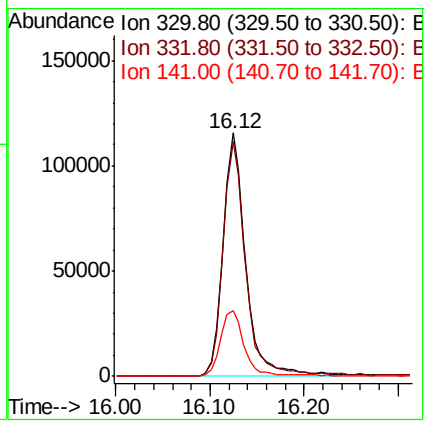


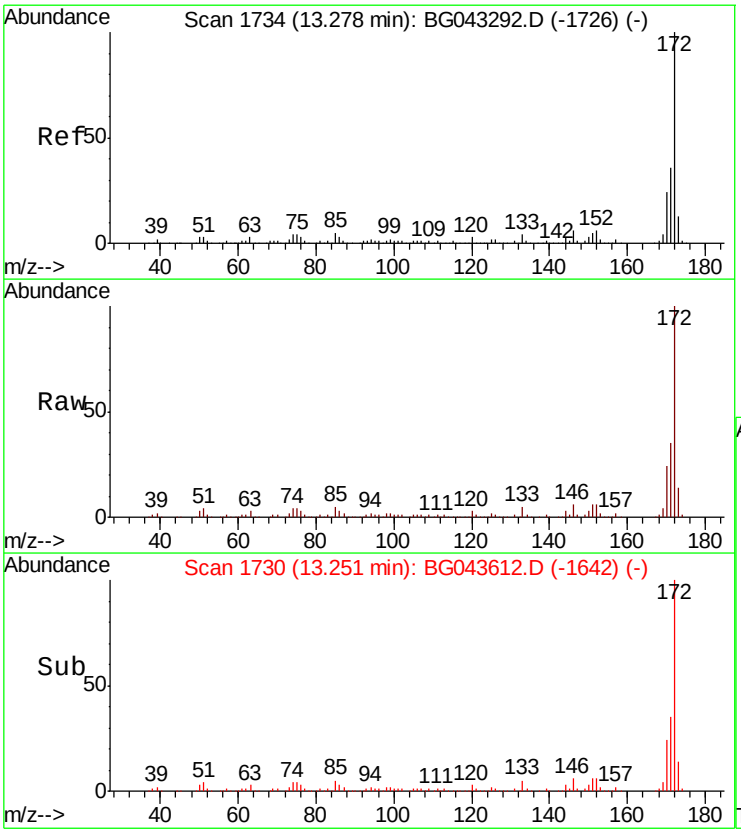
#42
2,4,6-Tribromophenol
Concen: 122.885 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:330 Resp: 195057

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.9	22.8	34.2

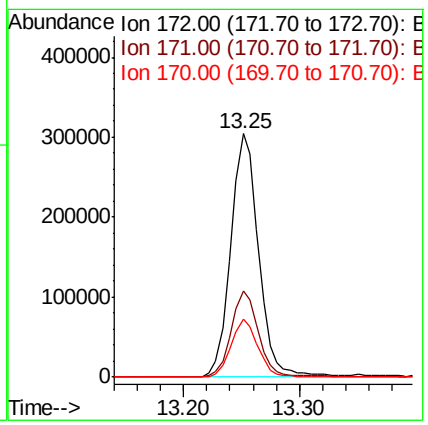


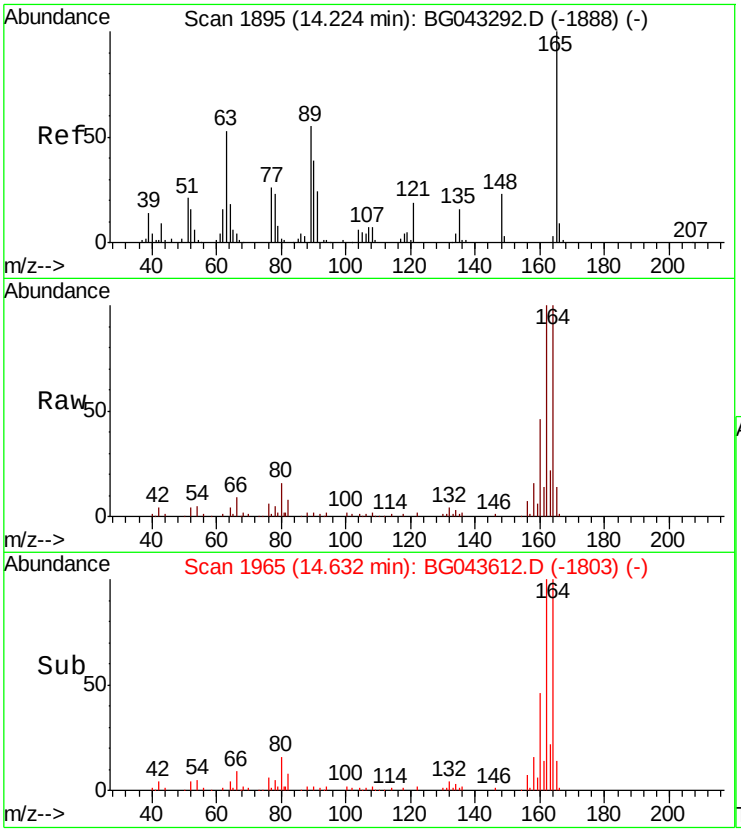


#45
2-Fluorobiphenyl
Concen: 84.108 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:172 Resp: 507711

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.8	18.5	27.7



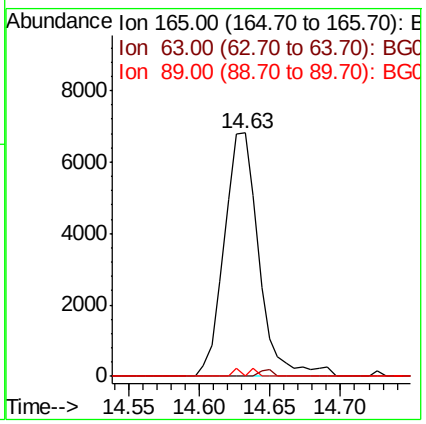


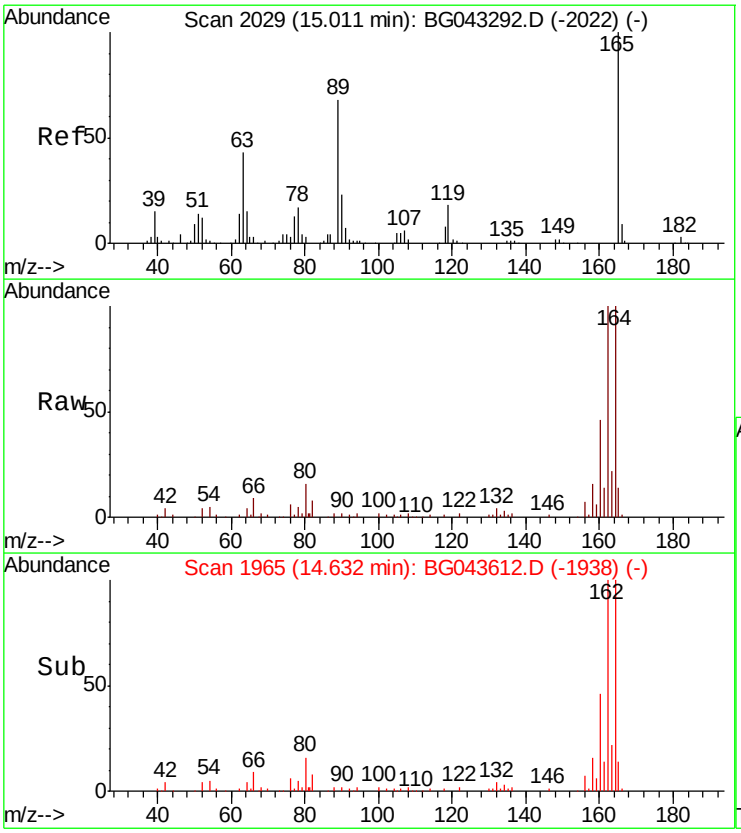
#51
2,6-Dinitrotoluene
Concen: 8.314 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.42 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:165 Resp: 11669

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#

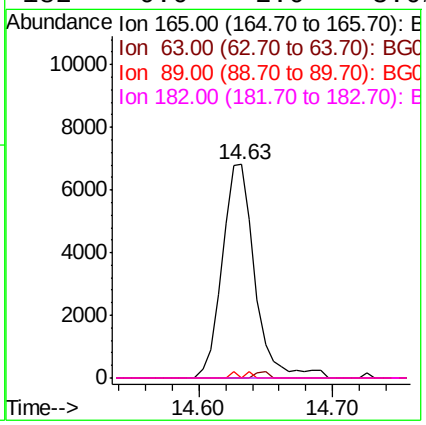


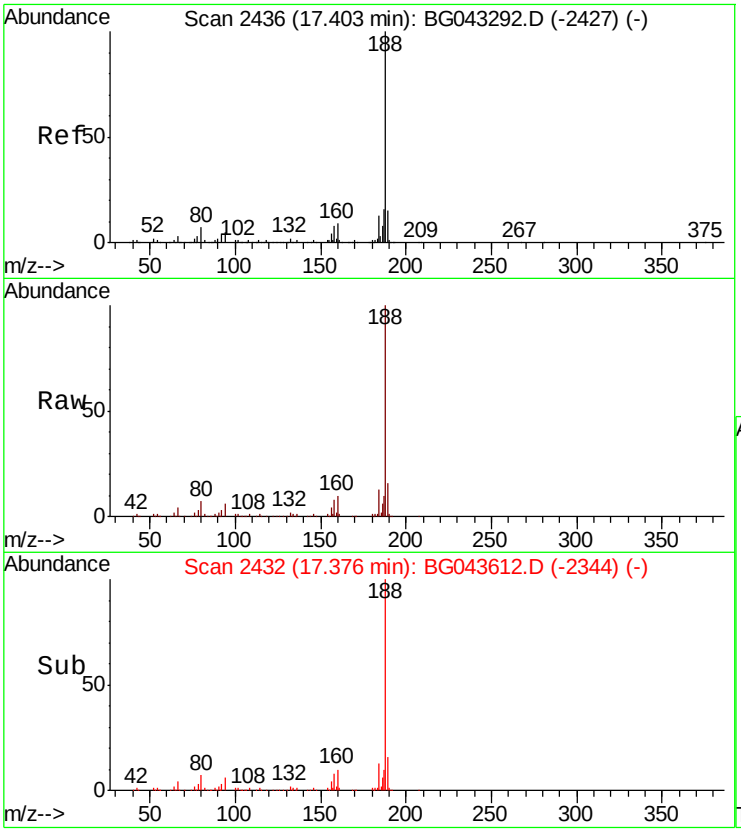


#57
2,4-Dinitrotoluene
Concen: 5.817 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:165 Resp: 11668

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



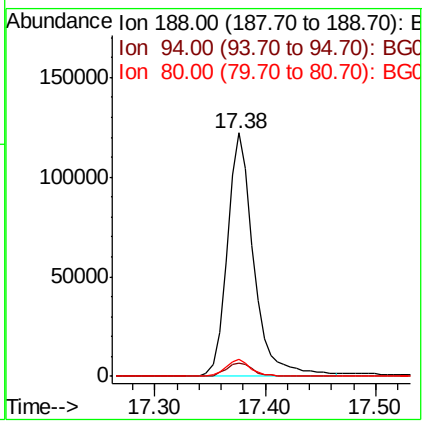


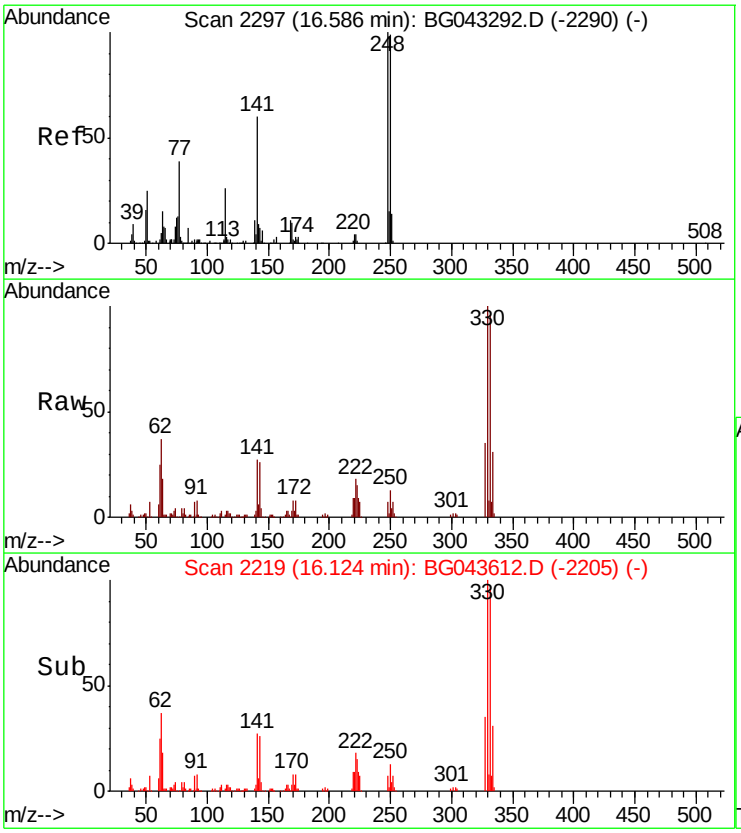
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:188 Resp: 205384

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.9	4.5	6.7#

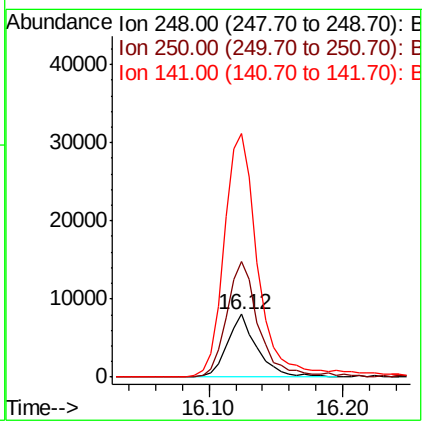


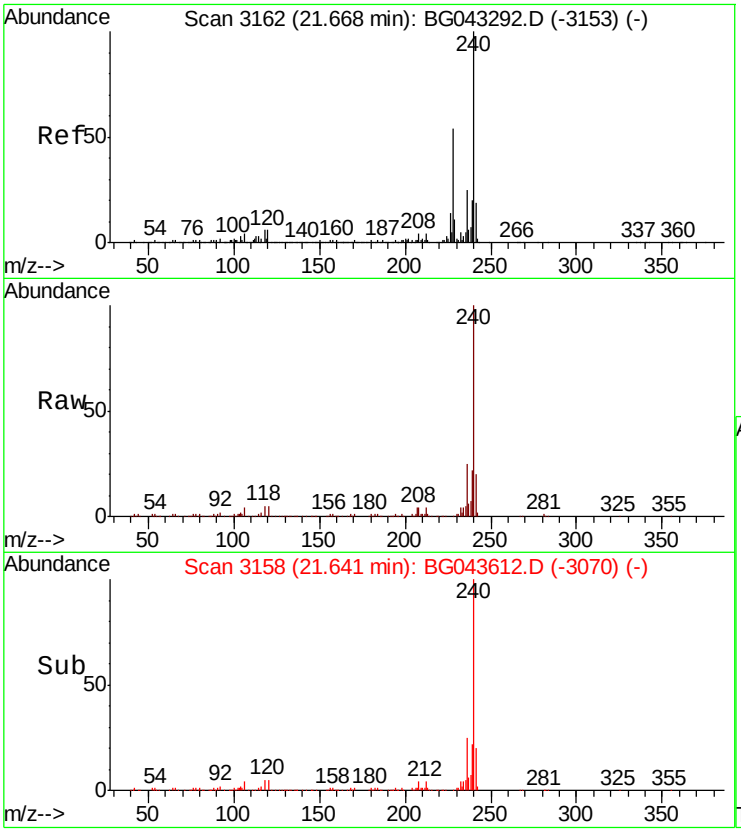


#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:248 Resp: 12393

Ion	Ratio	Lower	Upper
248	100		
250	182.9	77.0	115.4#
141	386.2	47.5	71.3#



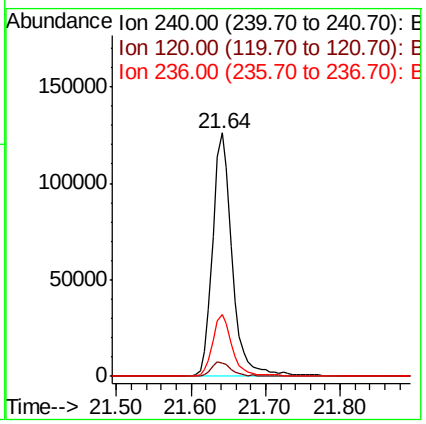


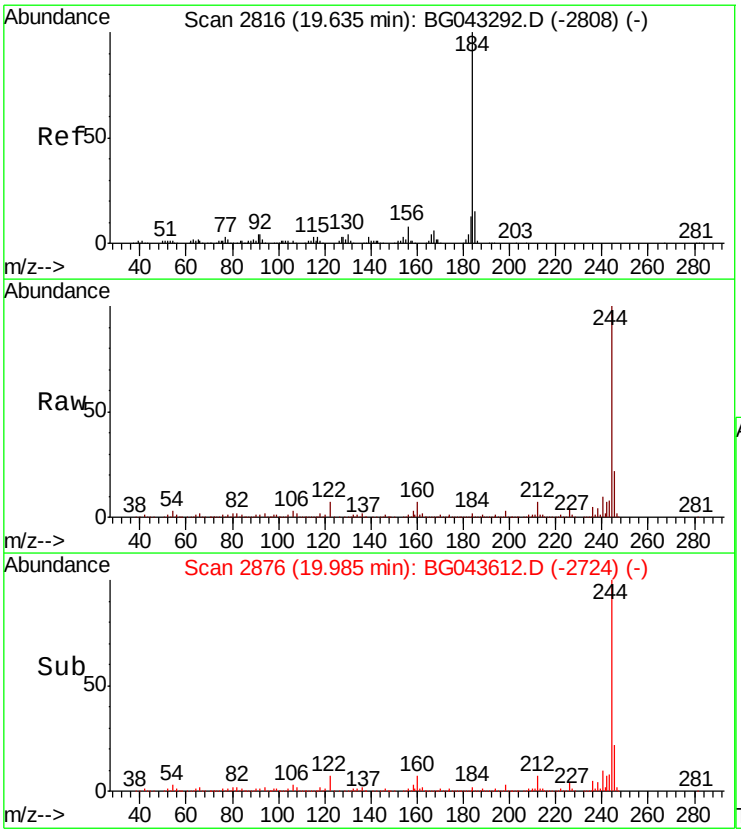
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:240 Resp: 229638

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	6.8
236	25.5	19.8	29.8

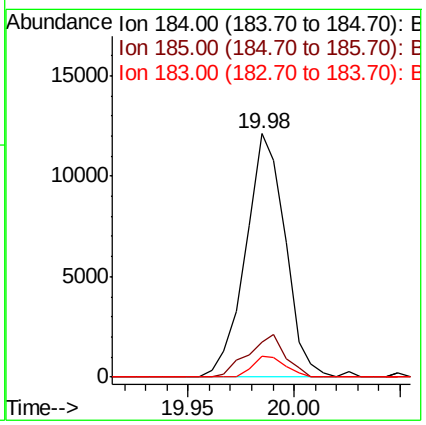


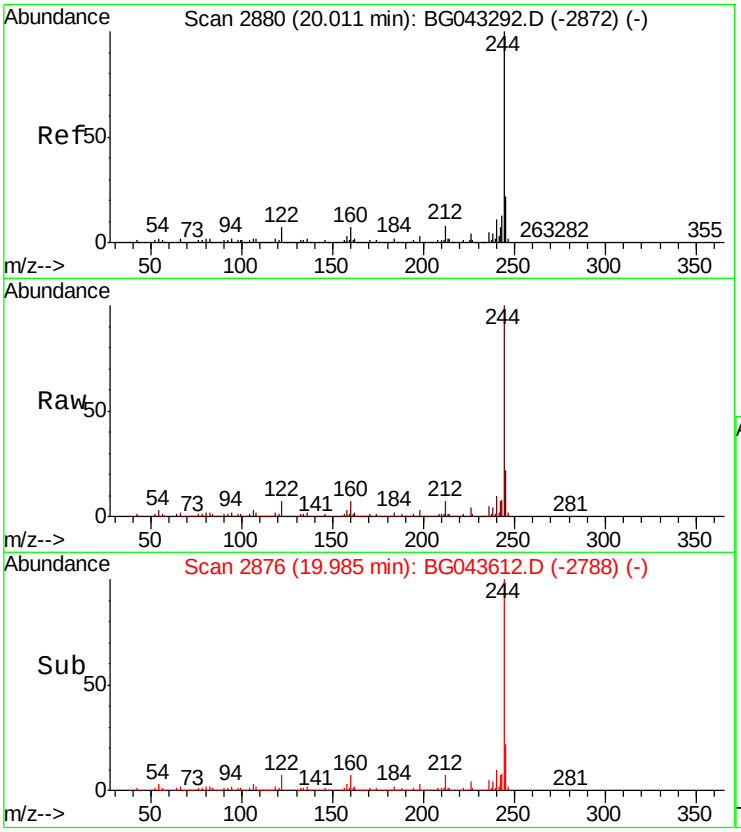


#77
Benzidine
Concen: 3.405 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:184 Resp: 15737

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.0	16.4
183	8.4	10.0	15.0#



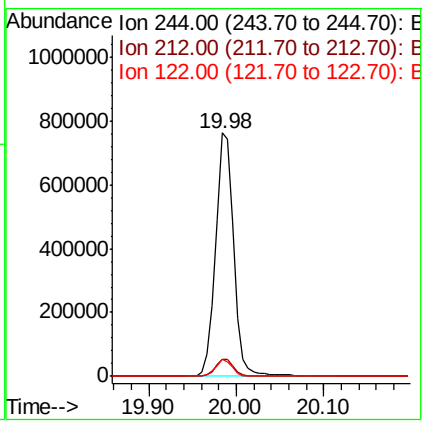


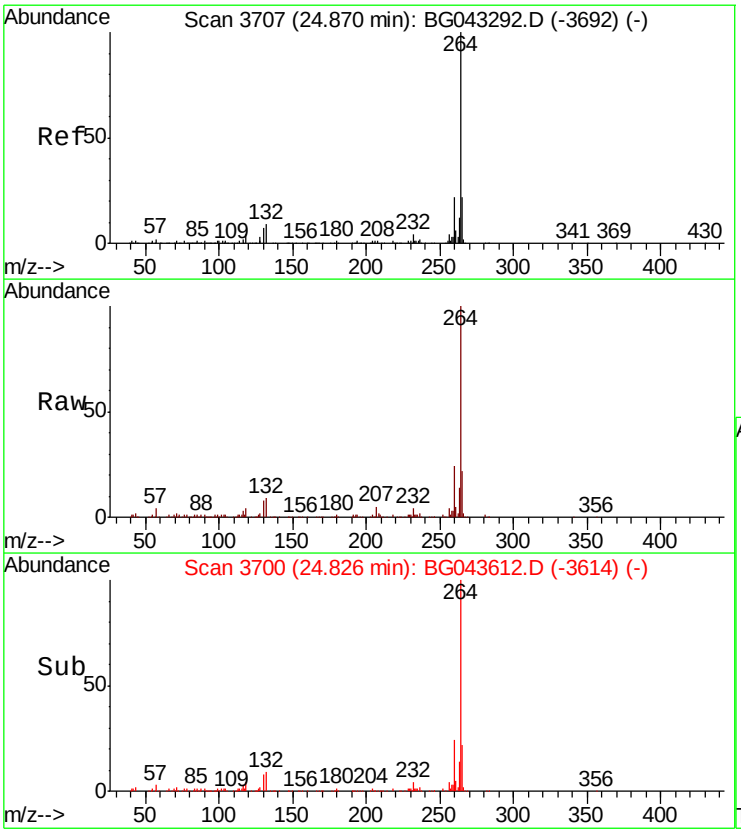
#79
Terphenyl-d14
Concen: 89.853 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043612.D
Acq: 12 Nov 2019 15:22

Instrument :
BNA_F
ClientSampleId :
SU-03-110819

Tgt Ion:244 Resp: 1099840

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.1	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: BG043612.D
Acq: 12 Nov 2019 15:22

Tgt Ion:264 Resp: 255833

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.5	26.3
265	22.5	17.4	26.0