Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043345.D
Acq On : 25 Oct 2019 18:40
Operator : JU
Sample : K5514-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLL-OFF-WATER

Quant Time: Oct 25 23:08:28 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	35513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131623	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	105188	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	264985	20.00	ng	0.00
76) Chrysene-d12	21.67	240	298185	20.00	ng	0.00
87) Perylene-d12	24.86	264	348776	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250296	129.15	ng	0.00
7) Phenol-d6	7.22	99	344599	123.59	ng	0.01
23) Nitrobenzene-d5	9.19	82	212652	83.29	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	251741	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	638437	83.87	ng	0.00
79) Terphenyl-d14	20.01	244	1451398	91.32	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	30884	17.141	ng	# 75
32) Benzoic acid	9.75	122	54	9.083	ng	# 1
50) Dimethylphthalate	14.10	163	37304	4.579	ng	# 98
57) 2,4-Dinitrotoluene	14.65	165	14522	5.741	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	16202	4.543	ng	# 1
77) Benzidine	20.00	184	21863	3.643	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
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Acq On : 25 Oct 2019 18:40
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 25 23:08:28 2019
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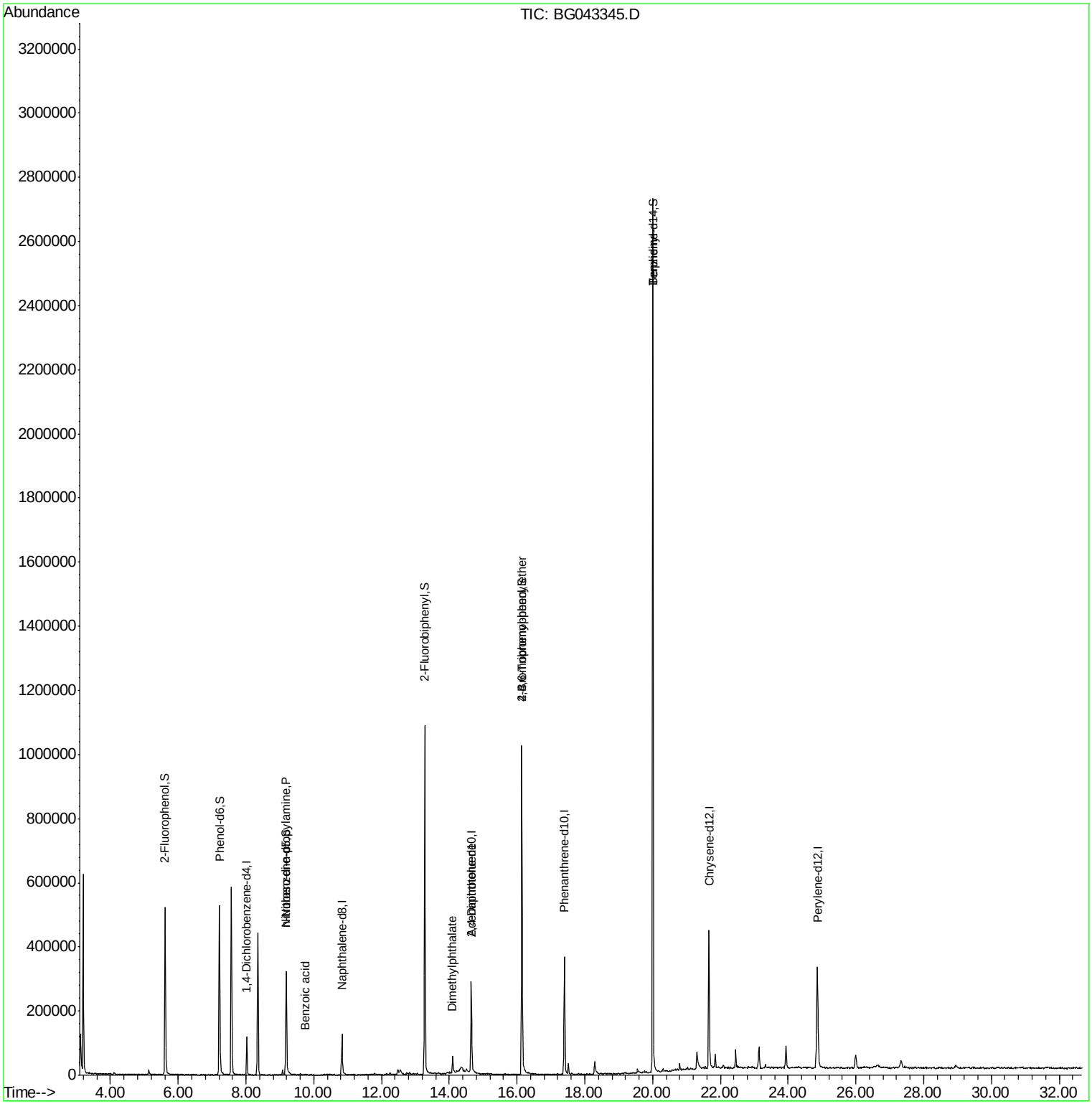
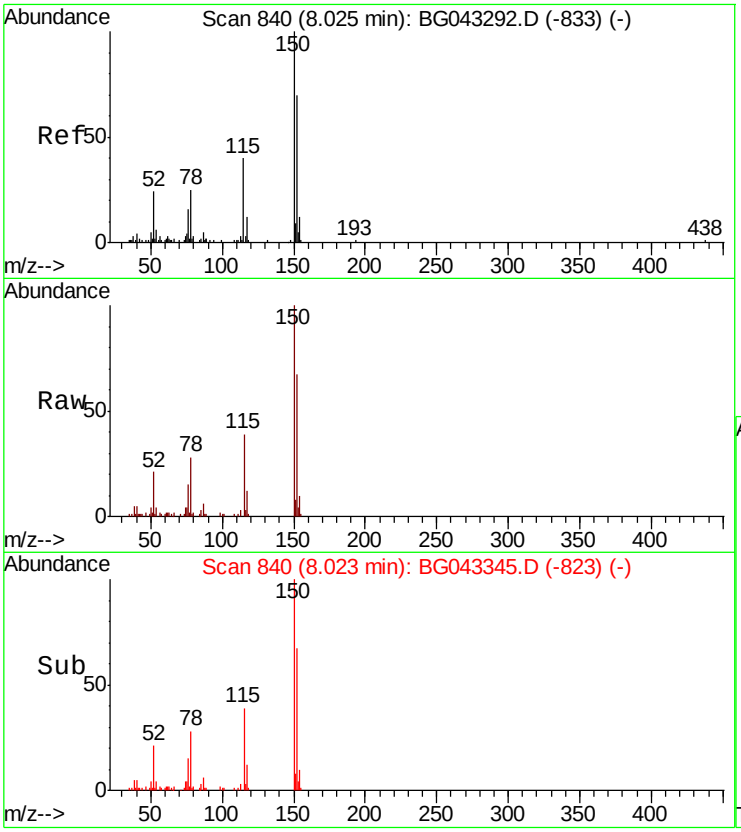
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



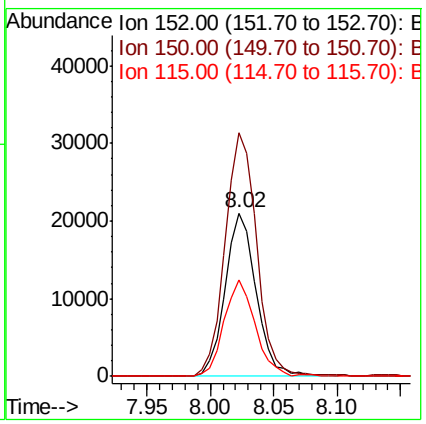


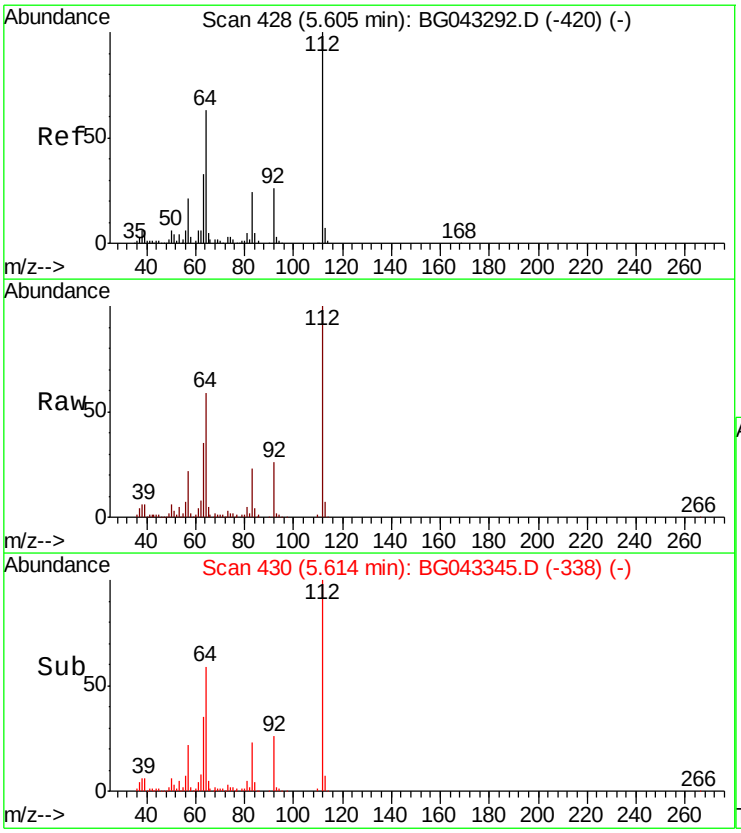
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:152 Resp: 35513

Ion	Ratio	Lower	Upper
152	100		
150	149.4	113.6	170.4
115	58.9	45.9	68.9

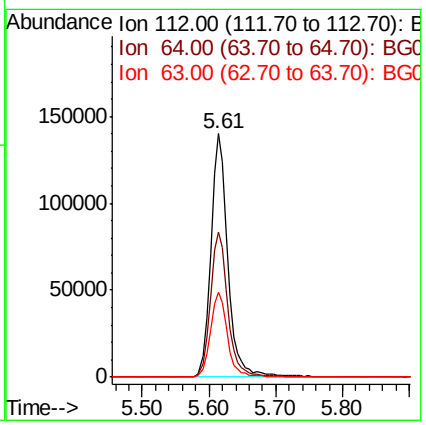


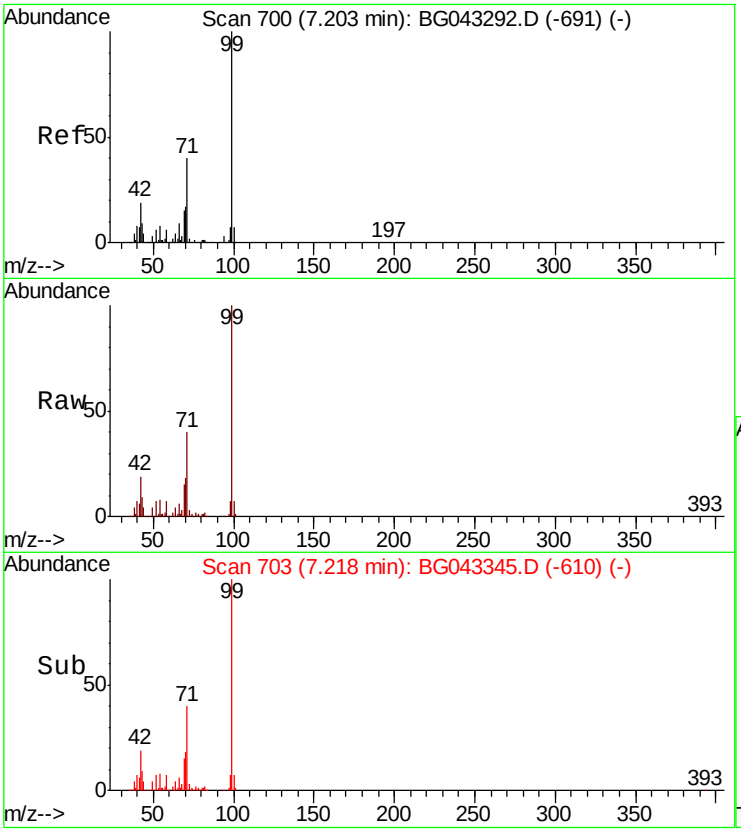


#5
2-Fluorophenol
Concen: 129.151 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:112 Resp: 250296

Ion	Ratio	Lower	Upper
112	100		
64	59.4	50.2	75.2
63	34.9	26.7	40.1



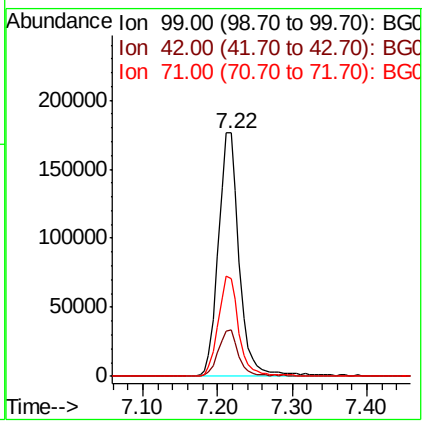


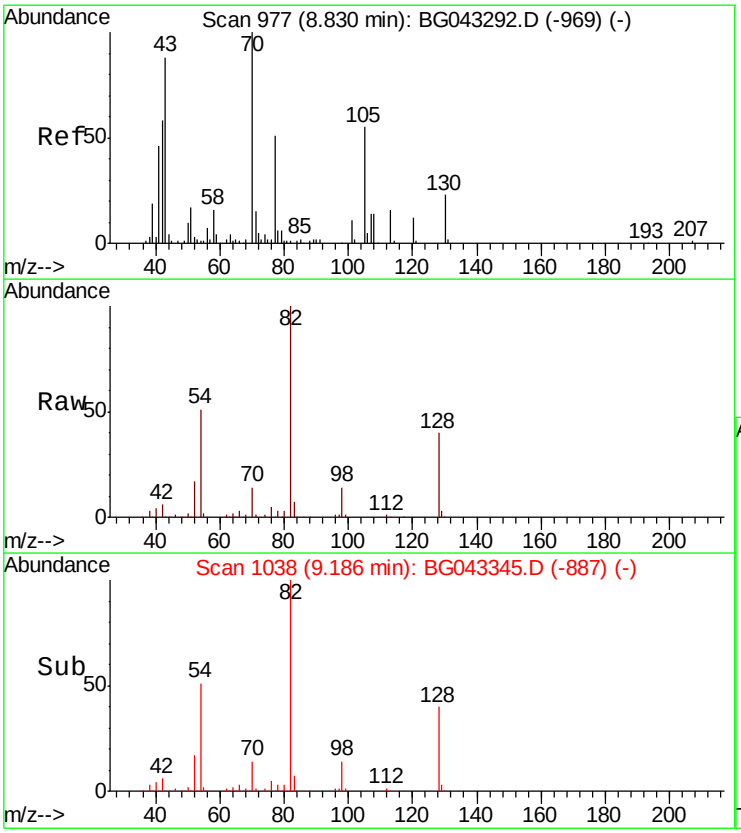
#7
Phenol-d6
Concen: 123.586 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion: 99 Resp: 344599

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.9	22.3
71	40.1	32.2	48.2

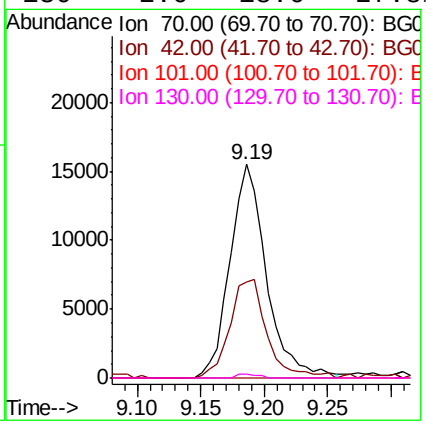


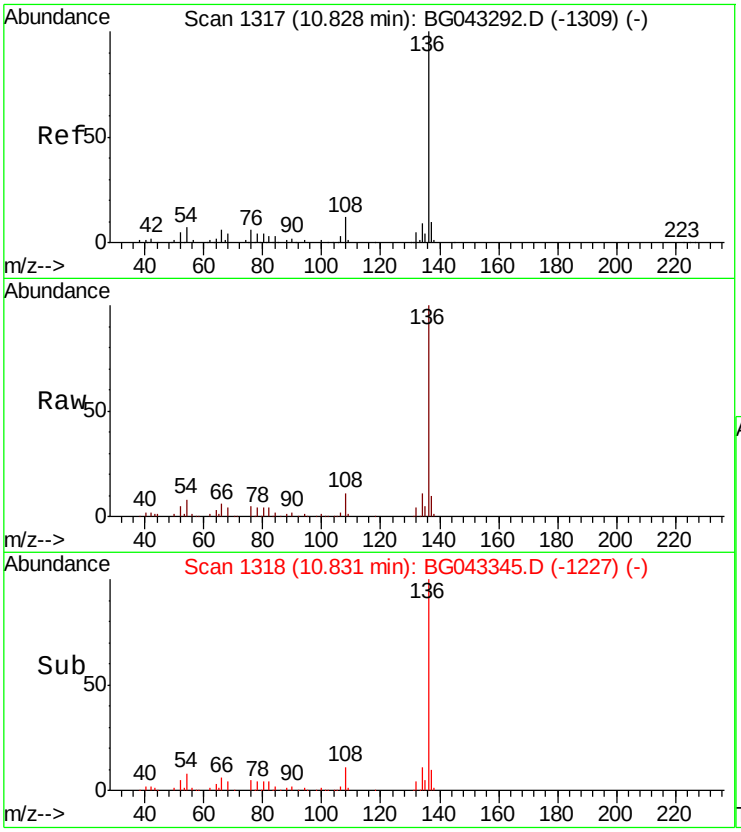


#19
n-Nitroso-di-n-propylamine
Concen: 17.141 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion: 70 Resp: 30884

Ion	Ratio	Lower	Upper
70	100		
42	45.2	46.2	69.2#
101	0.0	8.6	13.0#
130	2.0	18.6	27.8#



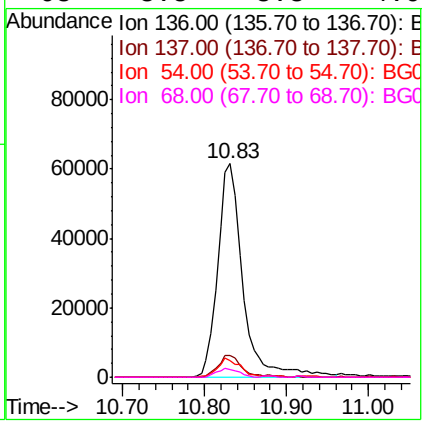


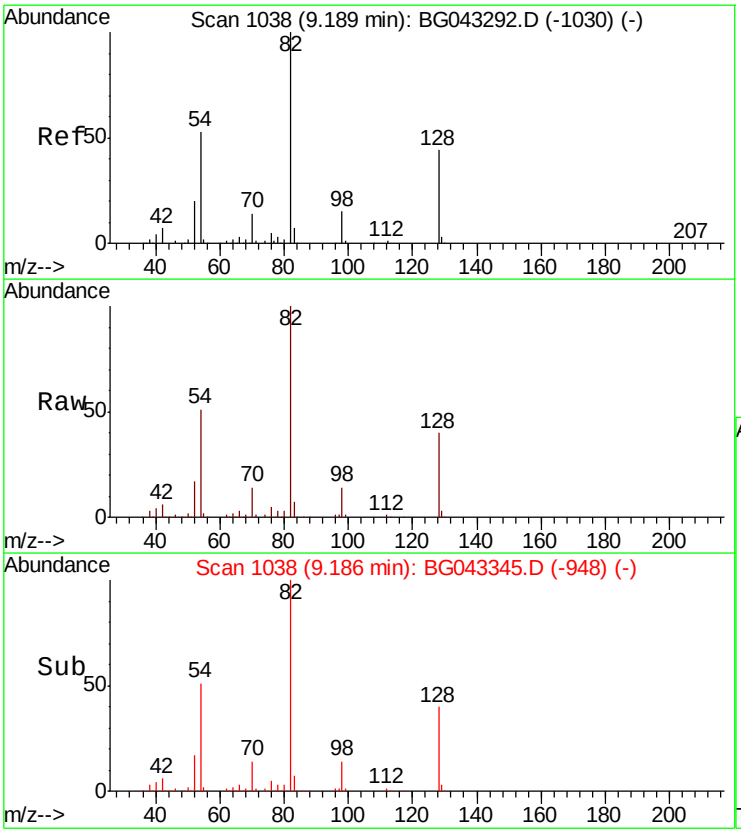
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:136 Resp: 131623

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.2
54	7.8	5.4	8.2
68	3.5	3.3	4.9

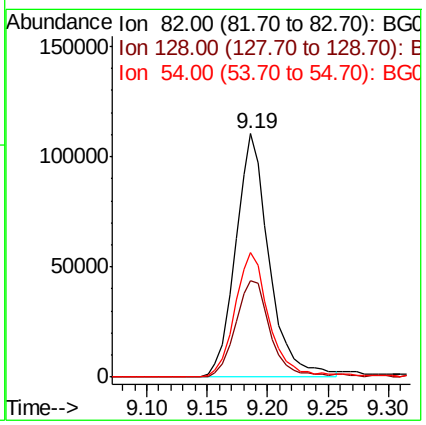


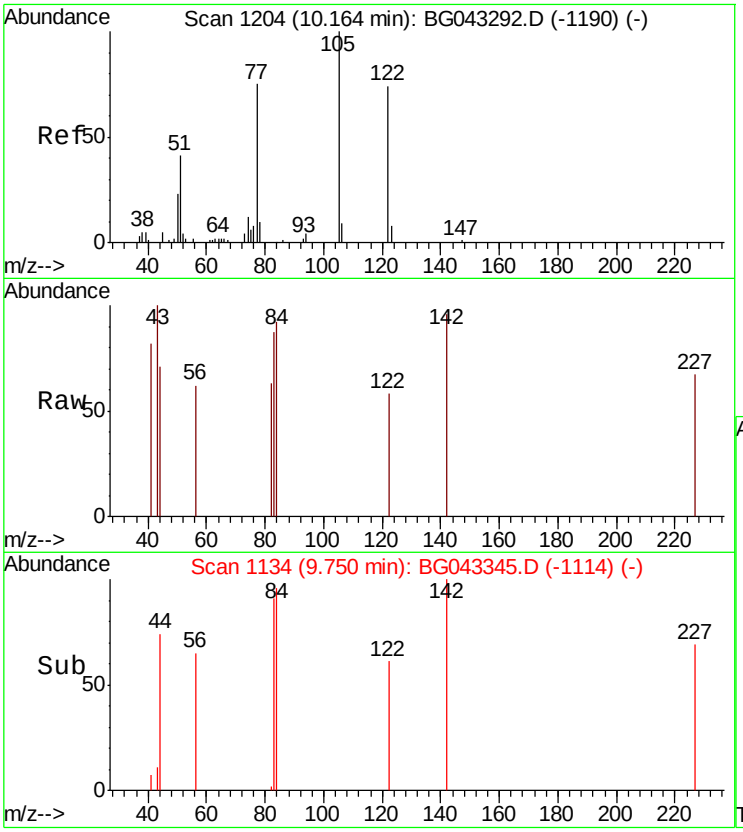


#23
Nitrobenzene-d5
Concen: 83.292 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion: 82 Resp: 212652

Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.3	52.9
54	51.4	42.3	63.5



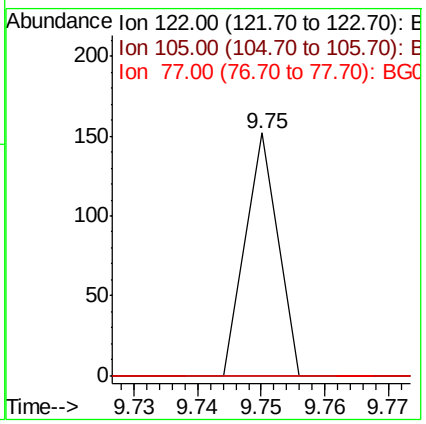


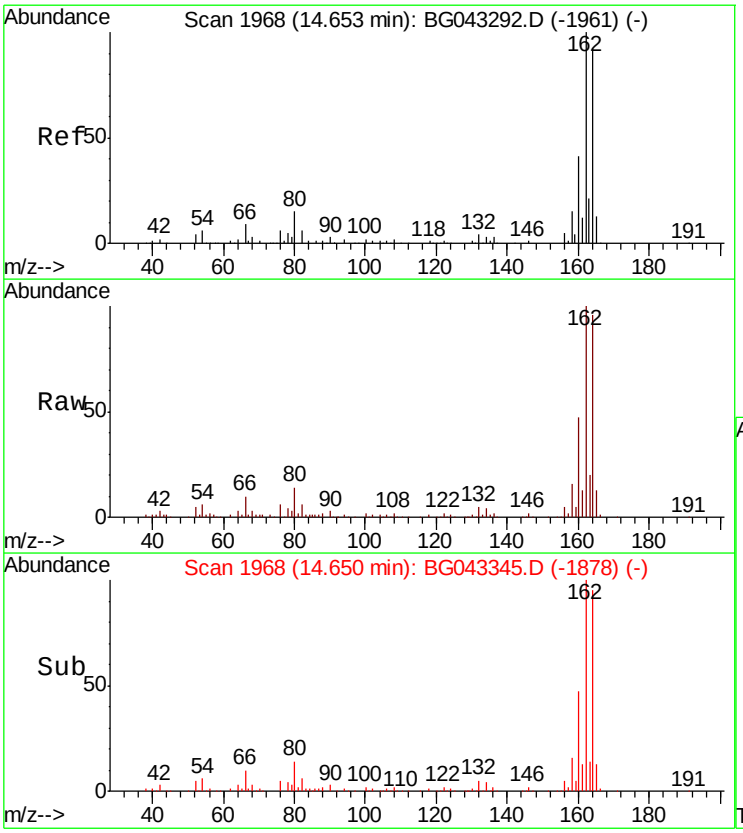
#32
Benzoic acid
Concen: 9.083 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.41 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#

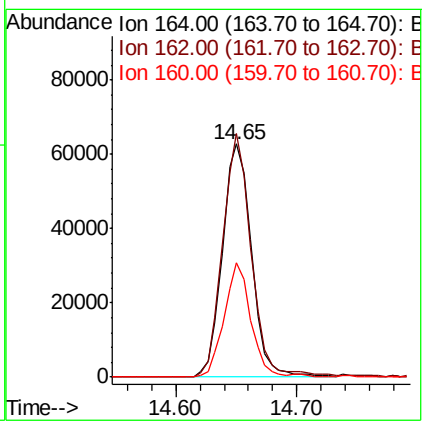


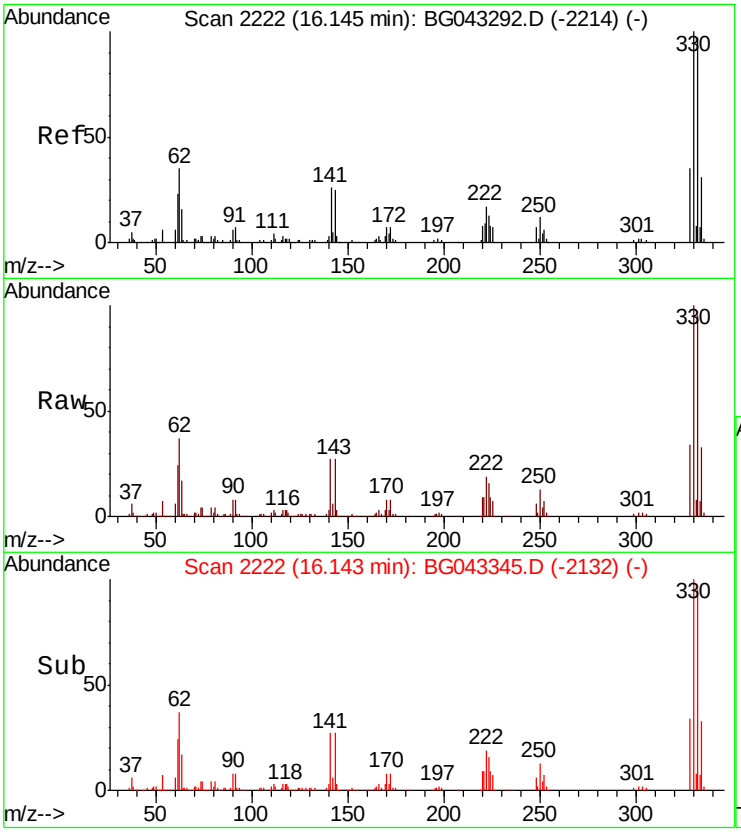


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:164 Resp: 105188

Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.0	130.4
160	49.2	35.5	53.3



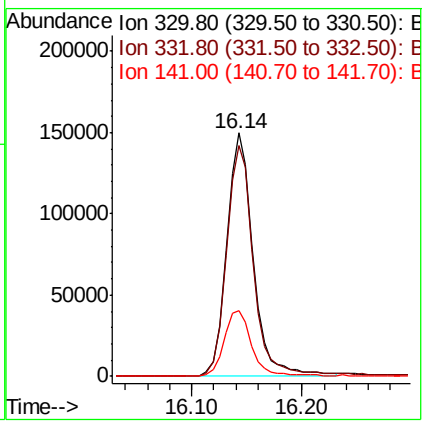


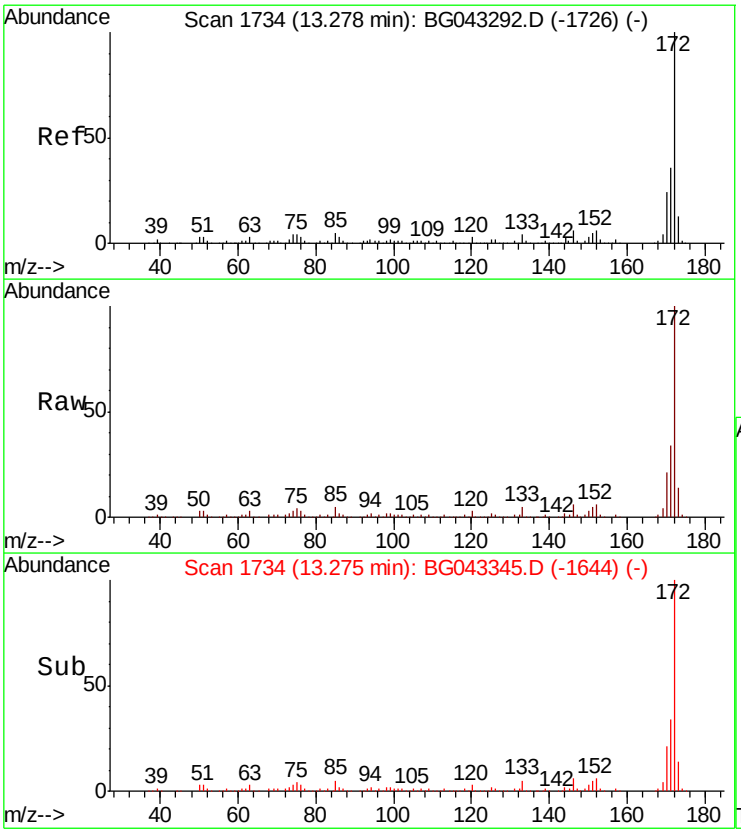
#42
2,4,6-Tribromophenol
Concen: 125.762 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:330 Resp: 251741

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	28.0	21.4	32.0

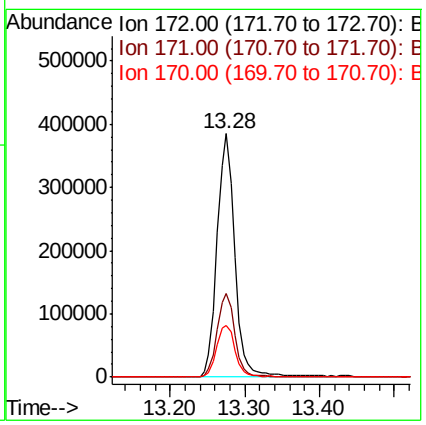


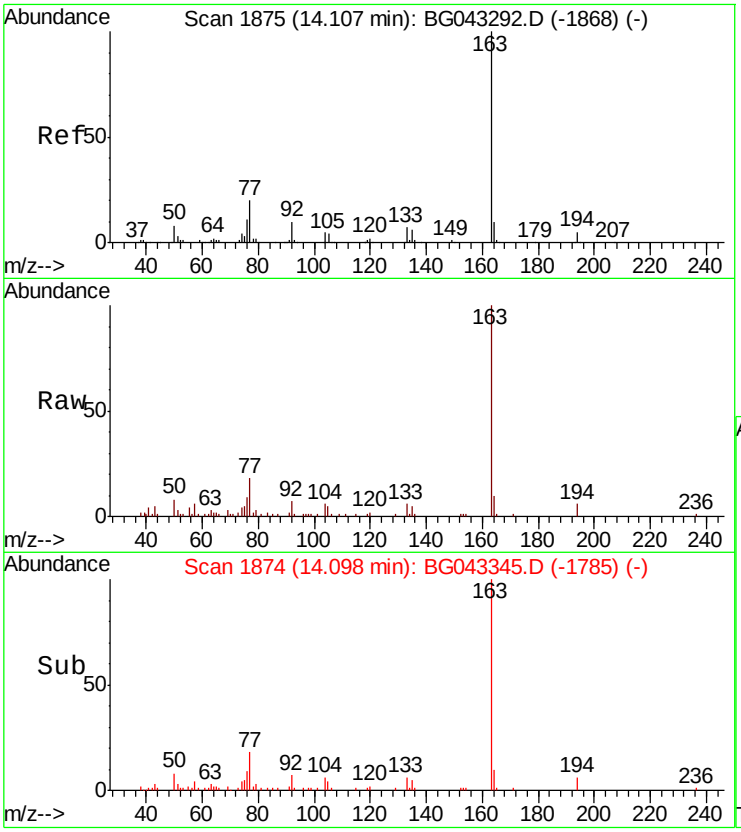


#45
2-Fluorobiphenyl
Concen: 83.868 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:172 Resp: 638437

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	21.4	18.8	28.2



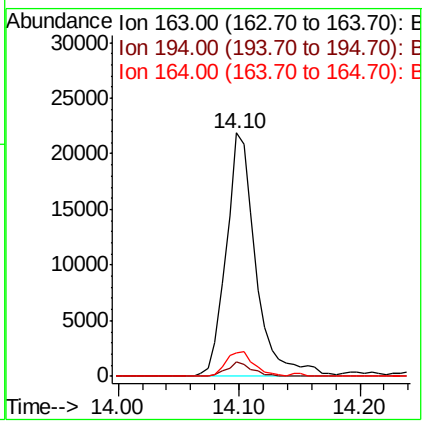


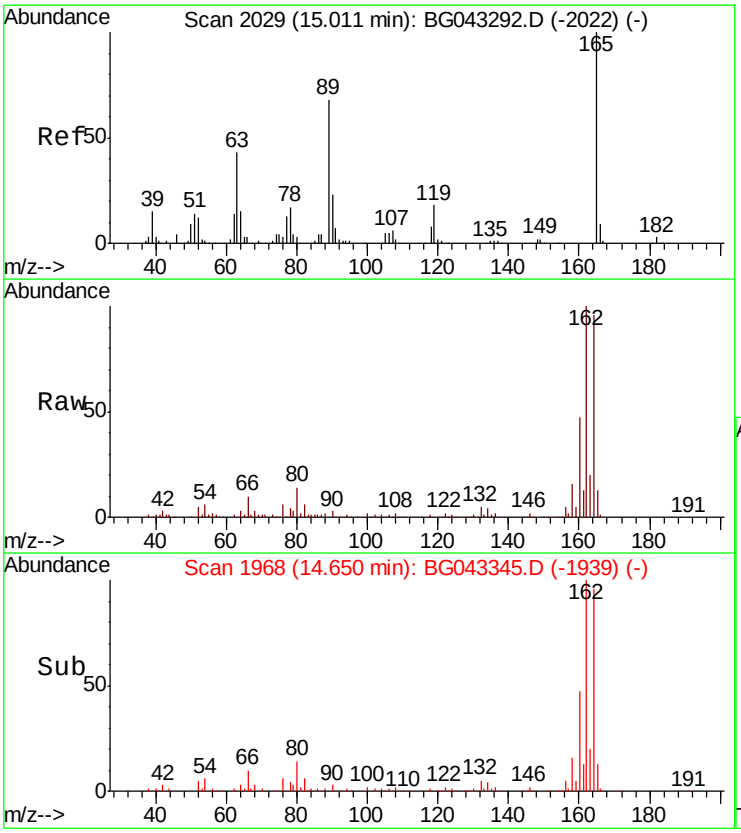
#50
Dimethylphthalate
Concen: 4.579 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:163 Resp: 37304

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.7	5.5#
164	9.7	8.1	12.1

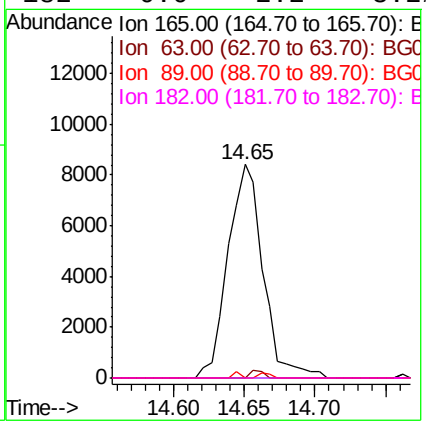


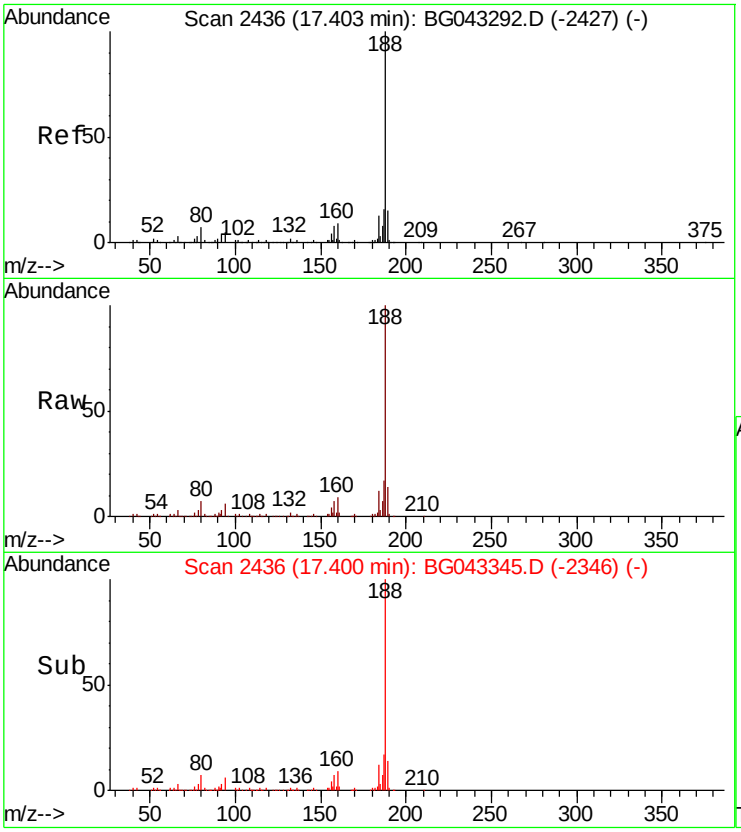


#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:165 Resp: 14522

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



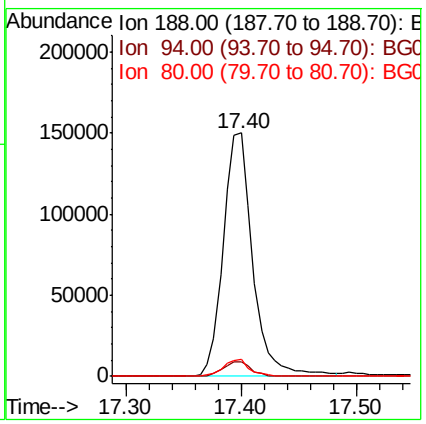


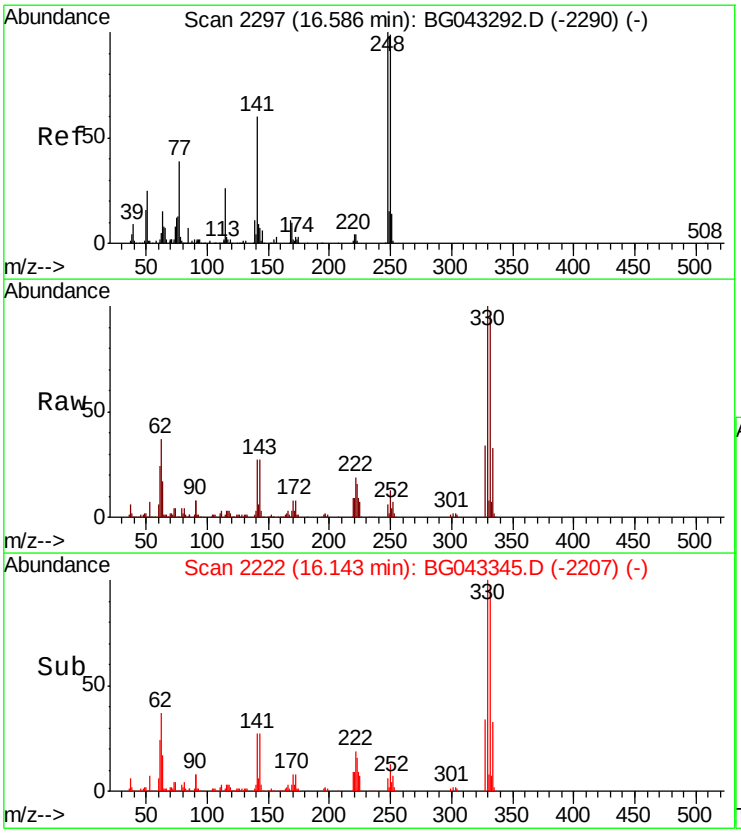
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:188 Resp: 264985

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	6.9	5.2	7.8

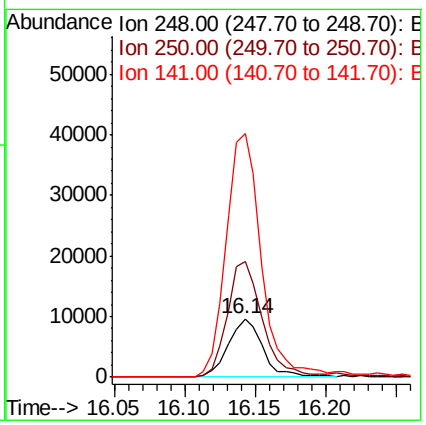


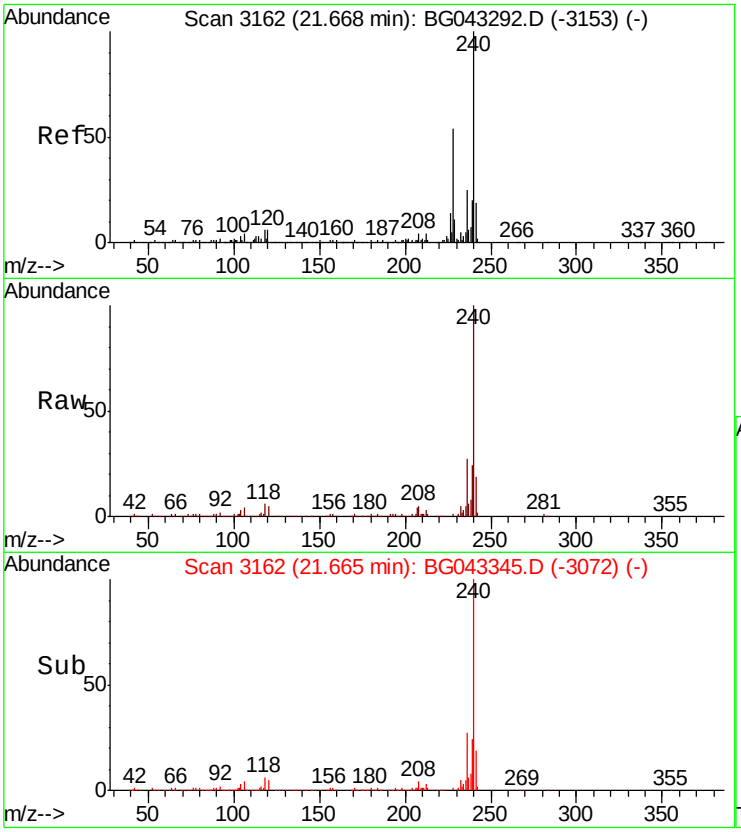


#67
4-Bromophenyl-phenylether
Concen: 4.543 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:248 Resp: 16202

Ion	Ratio	Lower	Upper
248	100		
250	198.1	79.3	118.9#
141	416.8	47.9	71.9#



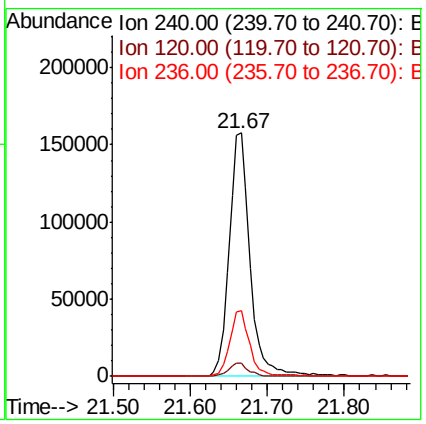


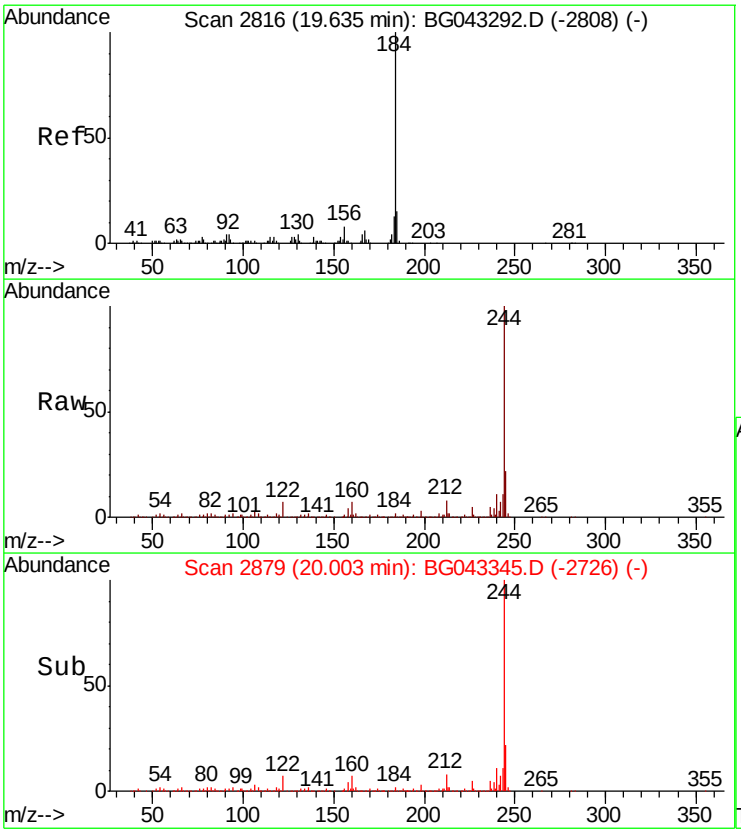
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:240 Resp: 298185

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	7.0
236	26.8	20.2	30.4

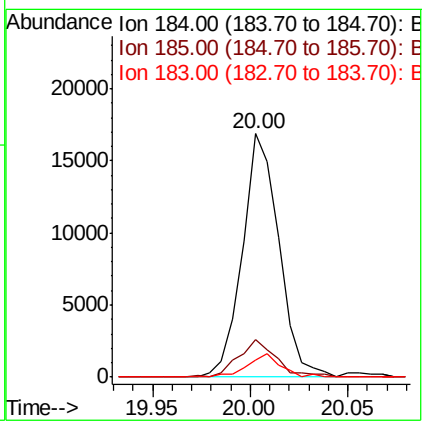


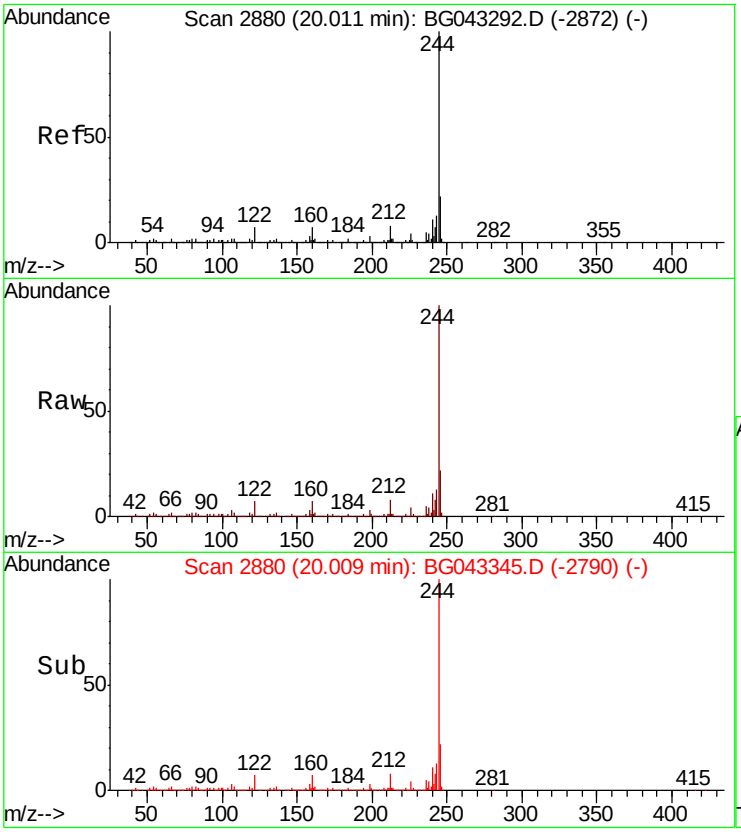


#77
Benzidine
Concen: 3.643 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:184 Resp: 21863

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.6
183	6.9	10.6	16.0#



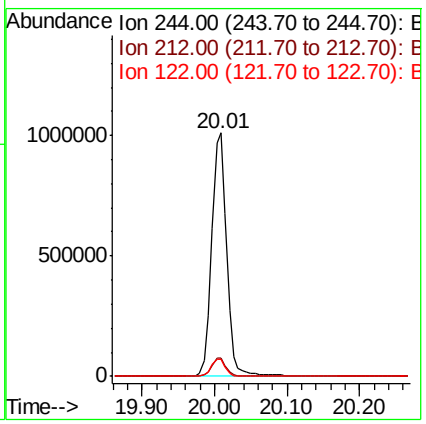


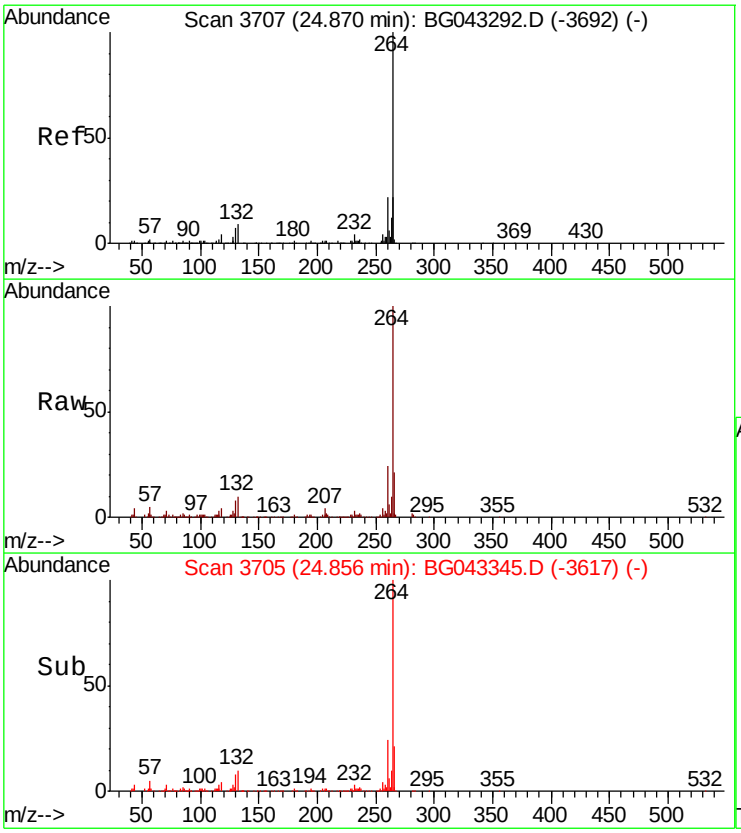
#79
Terphenyl-d14
Concen: 91.316 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tgt Ion:244 Resp: 1451398

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.1	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: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:264 Resp: 348776

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	20.8	17.4	26.2