Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045194.D
Acq On : 28 Apr 2020 20:53
Operator : CG/JU
Sample : L2408-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 29 01:19:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60879	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	234938	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178558	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	431977	20.00	ng	0.00
76) Chrysene-d12	21.64	240	401987	20.00	ng	0.00
87) Perylene-d12	24.82	264	443916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	180997	49.08	ng	0.00
7) Phenol-d6	7.16	99	160874	29.36	ng	0.00
23) Nitrobenzene-d5	9.15	82	471183	91.51	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	266663	96.67	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1081559	88.82	ng	0.00
79) Terphenyl-d14	19.99	244	1804073	97.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.12	77	500	Below Cal	#	48
19) n-Nitroso-di-n-propylamine	9.15	70	63956	16.507	ng	# 83
32) Benzoic acid	10.11	122	141	6.416	ng	# 63
50) Dimethylphthalate	14.08	163	54941	3.779	ng	98
57) 2,4-Dinitrotoluene	14.63	165	24016	5.053	ng	# 23
67) 4-Bromophenyl-phenylether	16.12	248	17956	3.222	ng	# 1
69) Atrazine	16.83	200	454	Below Cal	#	24
74) Di-n-butylphthalate	18.35	149	98167	Below Cal		98
75) Fluoranthene	19.43	202	6040	Below Cal		82
77) Benzidine	19.53	184	1191	Below Cal	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Apr 2020 20:53
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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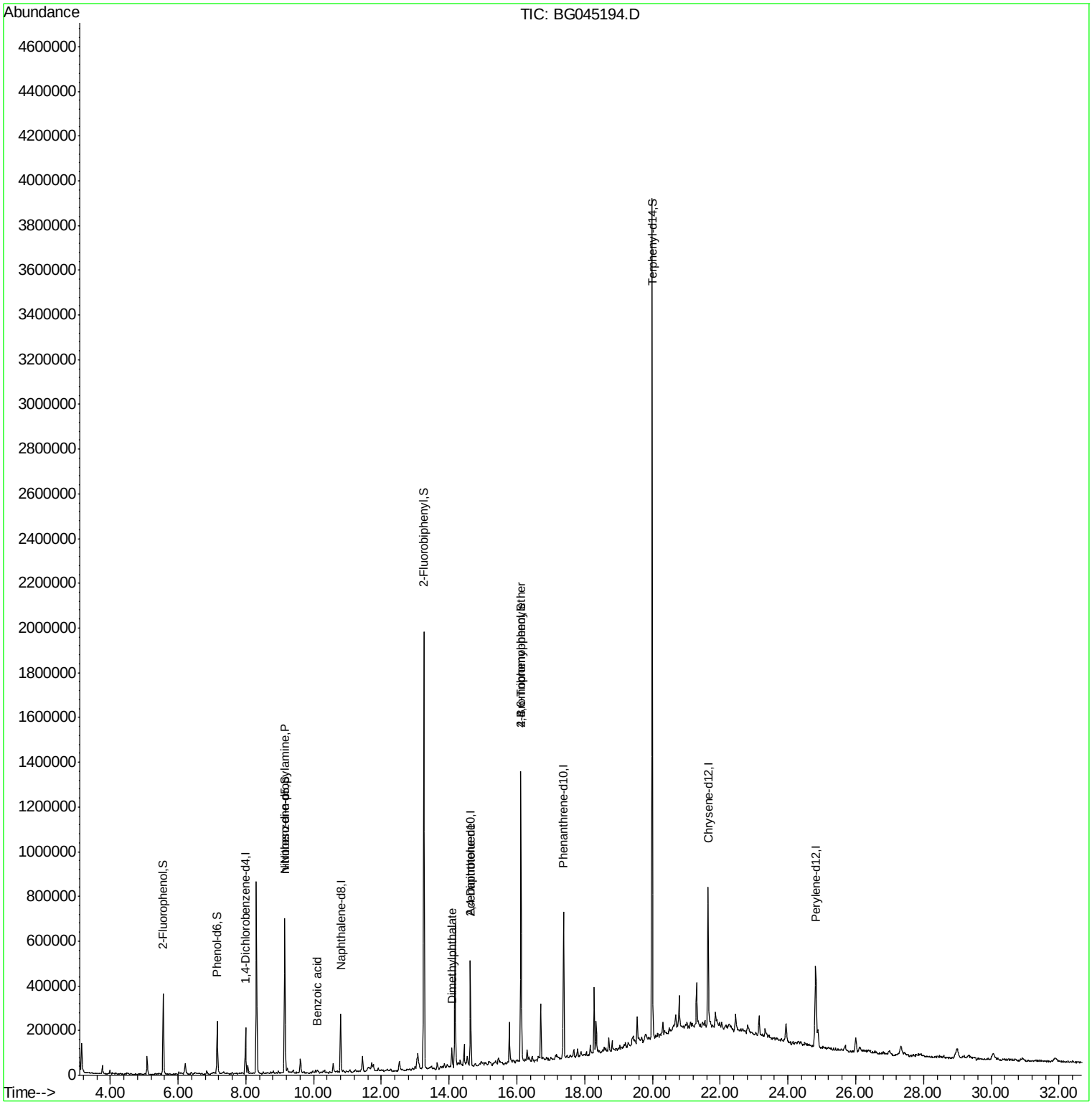
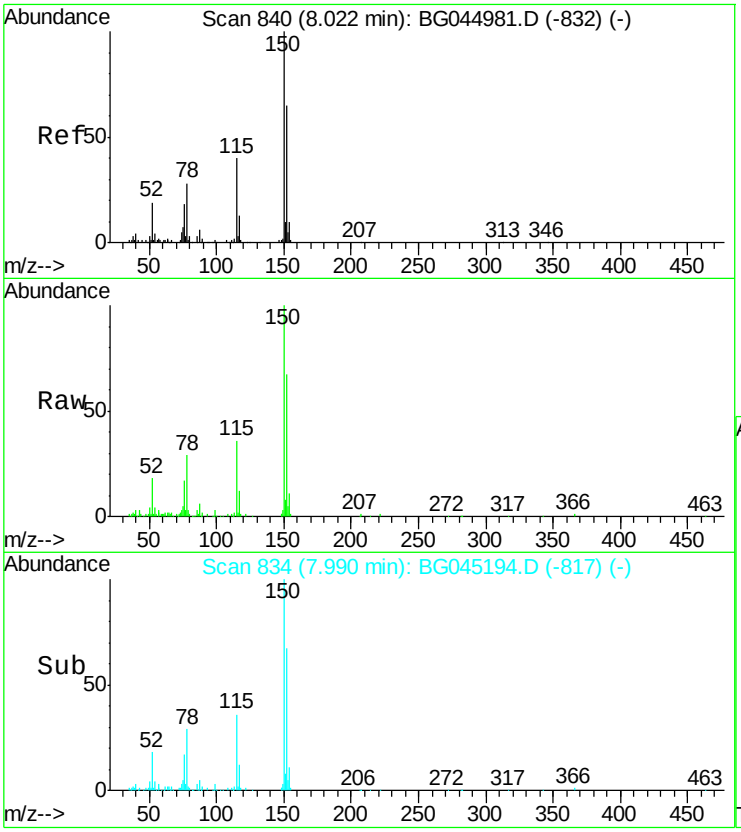
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration



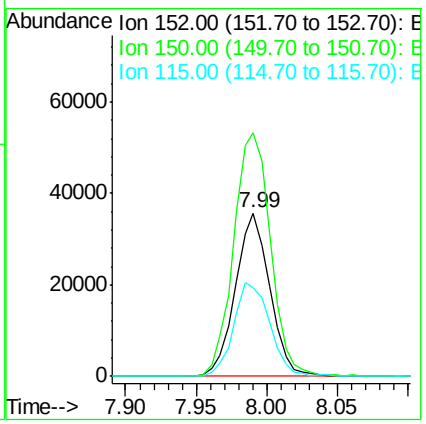


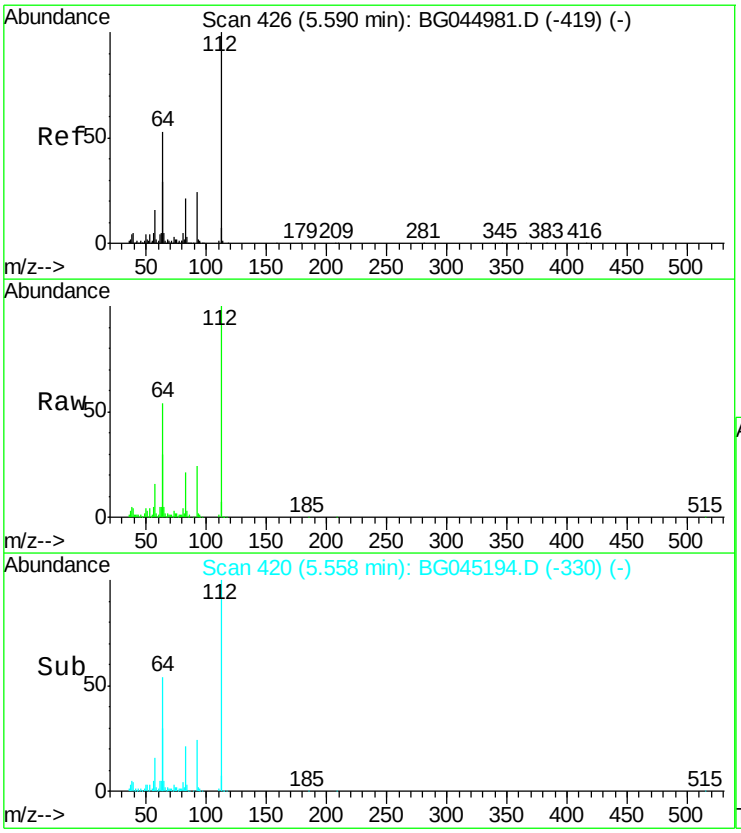
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60879

Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.6	185.4
115	54.3	49.1	73.7

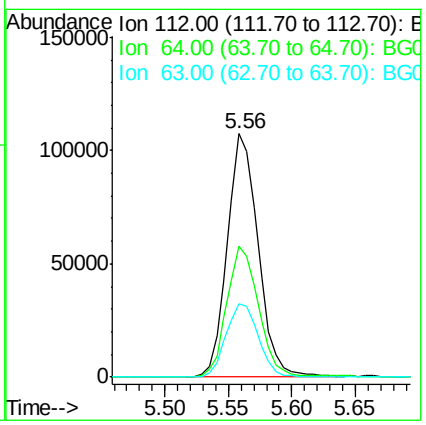


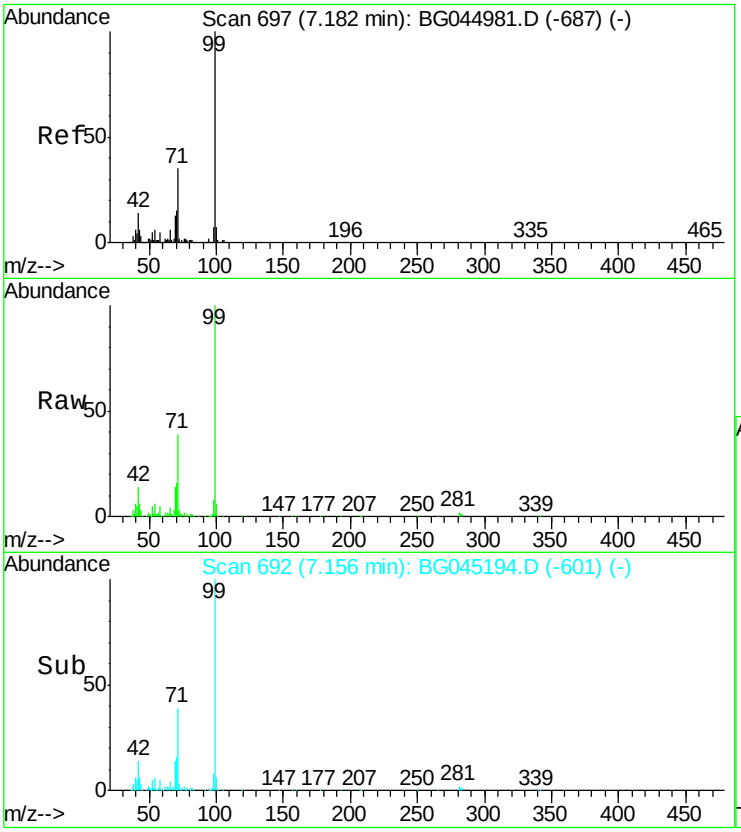


#5
2-Fluorophenol
Concen: 49.084 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:112 Resp: 180997

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.4	63.6
63	29.9	23.1	34.7



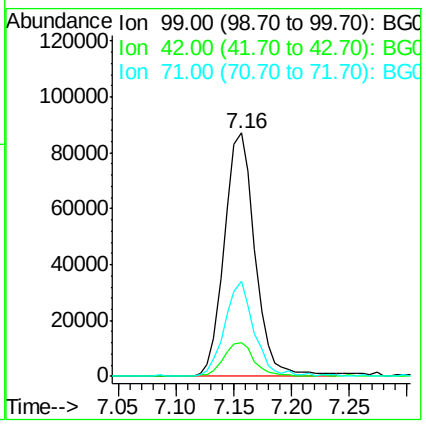


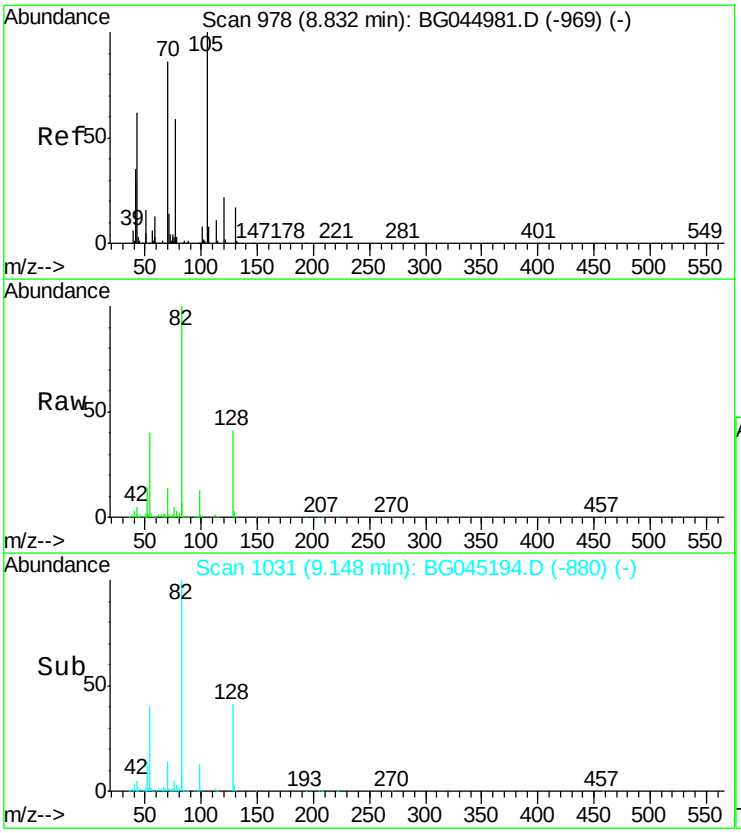
#7
Phenol-d6
Concen: 29.363 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 160874

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.3	16.9
71	38.8	28.3	42.5

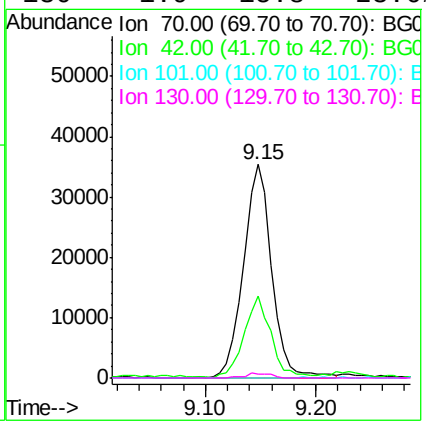


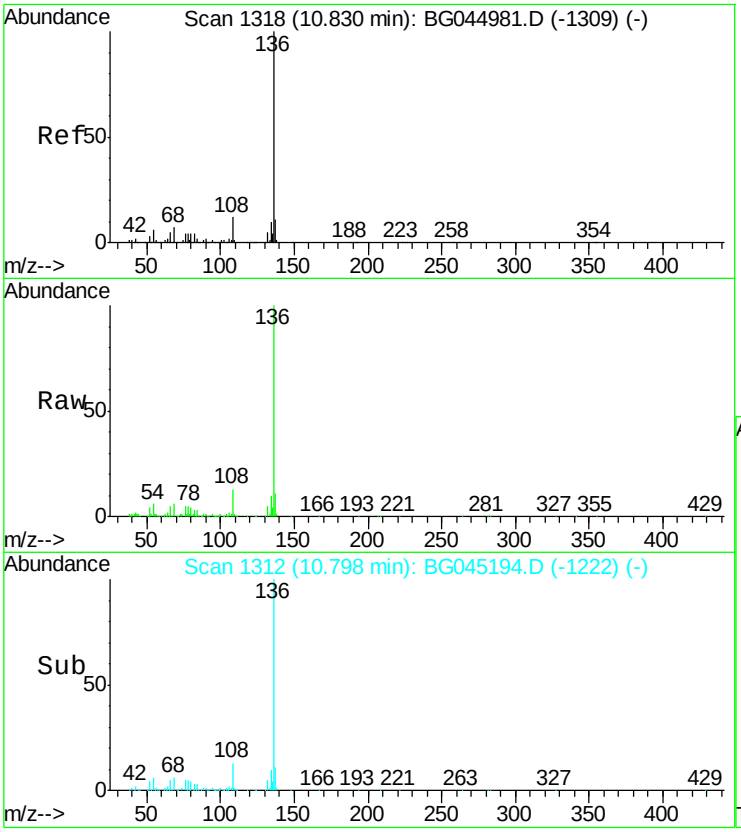


#19
n-Nitroso-di-n-propylamine
Concen: 16.507 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.35 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion: 70 Resp: 63956

Ion	Ratio	Lower	Upper
70	100		
42	38.7	33.3	49.9
101	0.0	7.8	11.8#
130	1.9	15.8	23.6#



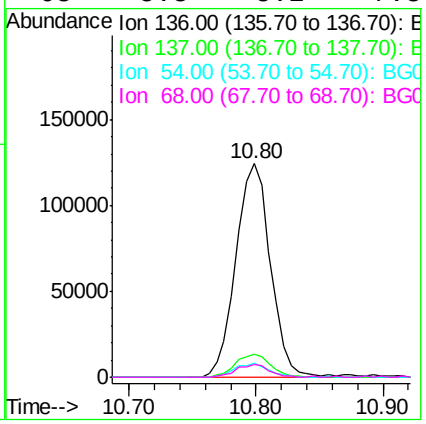


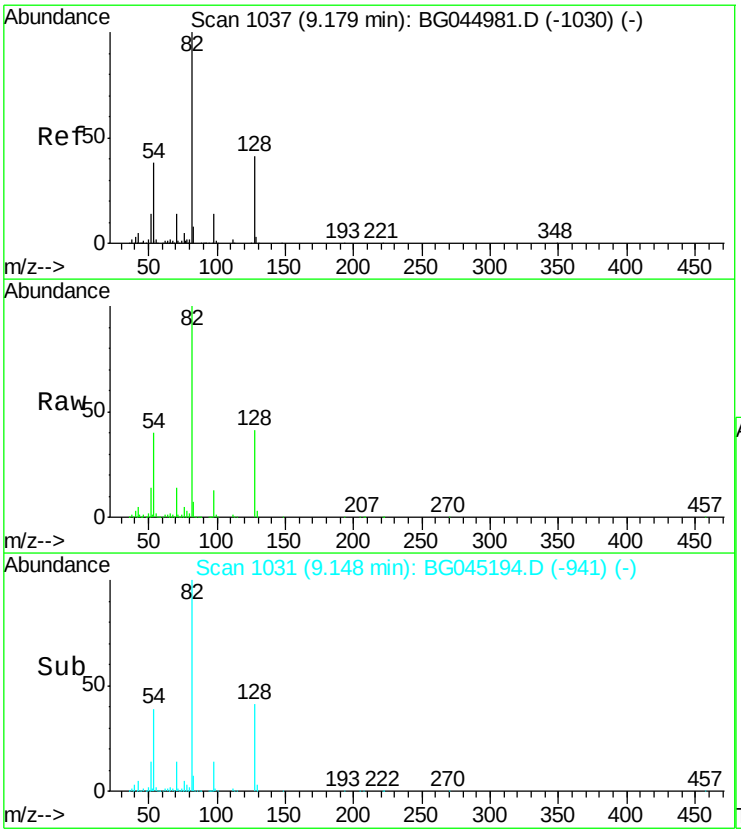
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 234938

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	4.8	7.2
68	5.8	5.2	7.8

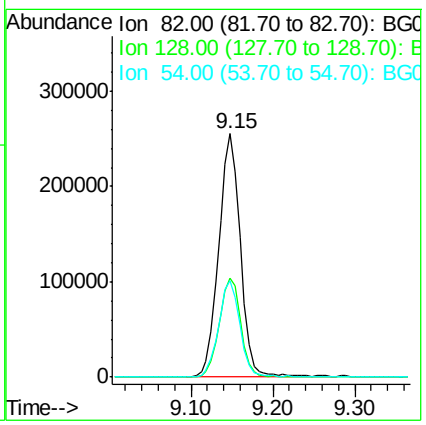


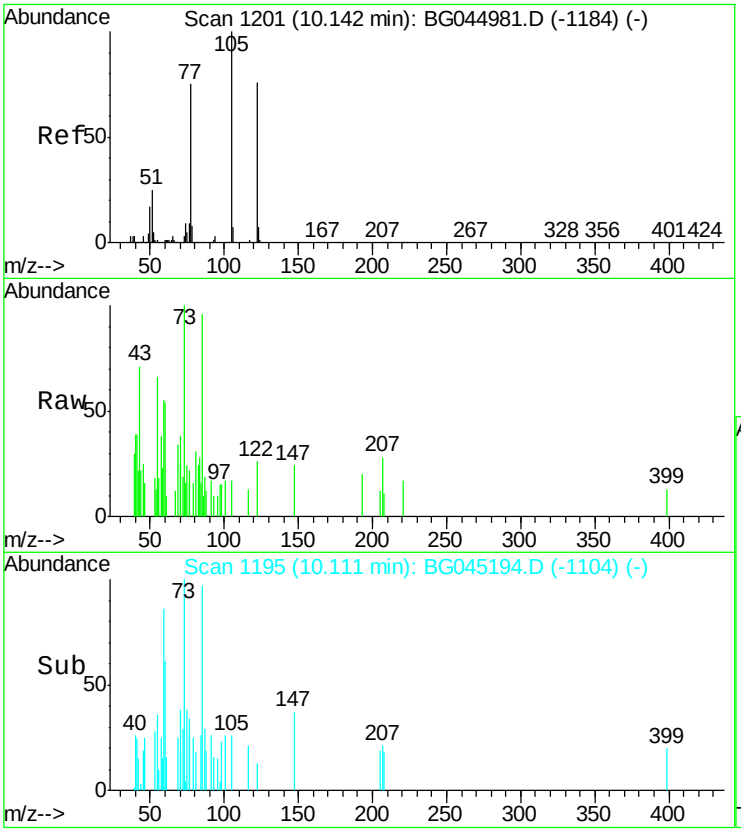


#23
Nitrobenzene-d5
Concen: 91.511 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion: 82 Resp: 471183

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.0	49.4
54	39.5	30.4	45.6



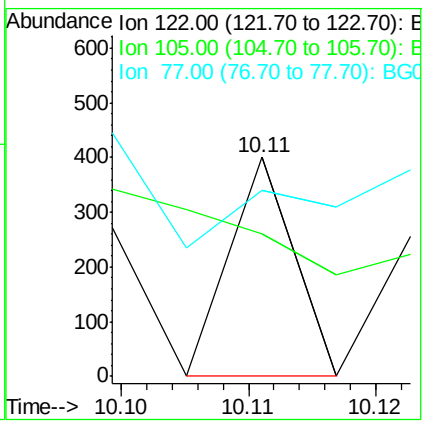


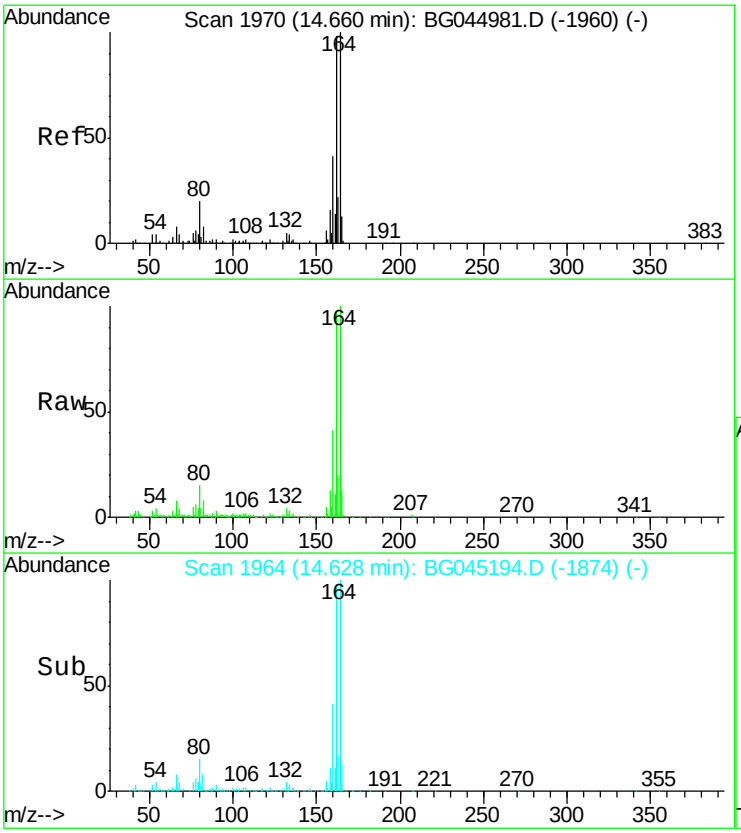
#32
Benzoic acid
Concen: 6.416 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 141

Ion	Ratio	Lower	Upper
122	100		
105	65.0	108.4	148.4#
77	85.2	78.8	118.8

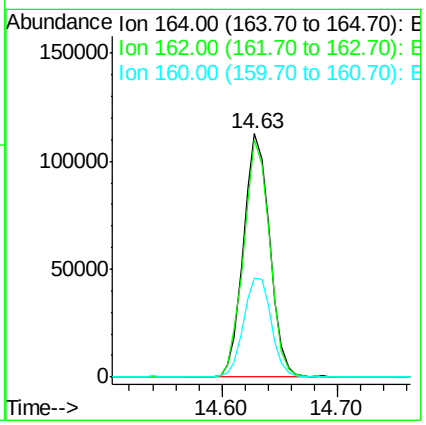


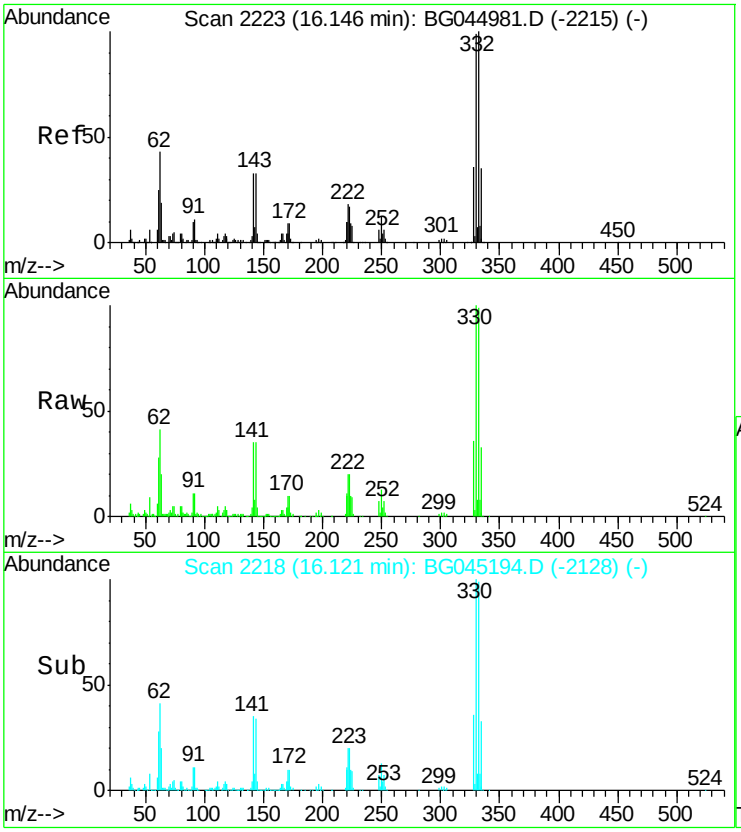


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:164 Resp: 178558

Ion	Ratio	Lower	Upper
164	100		
162	97.4	78.7	118.1
160	40.7	32.8	49.2



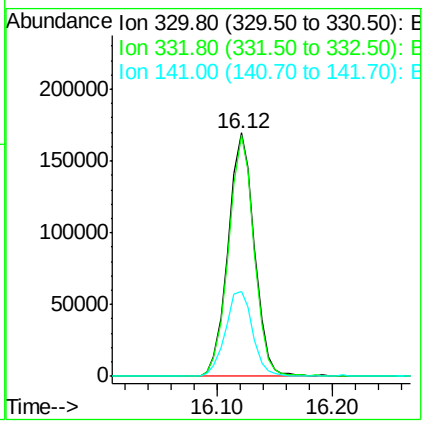


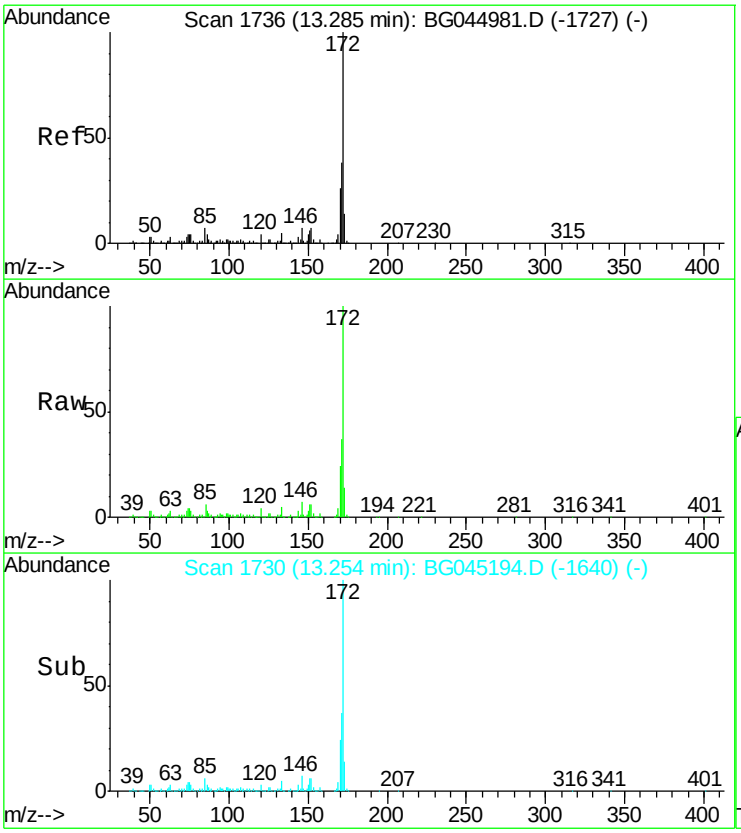
#42
2,4,6-Tribromophenol
Concen: 96.670 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 266663

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	36.3	27.1	40.7

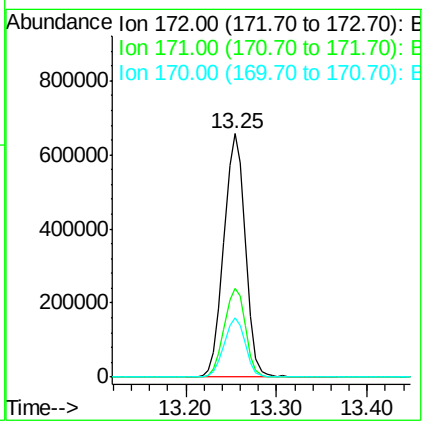


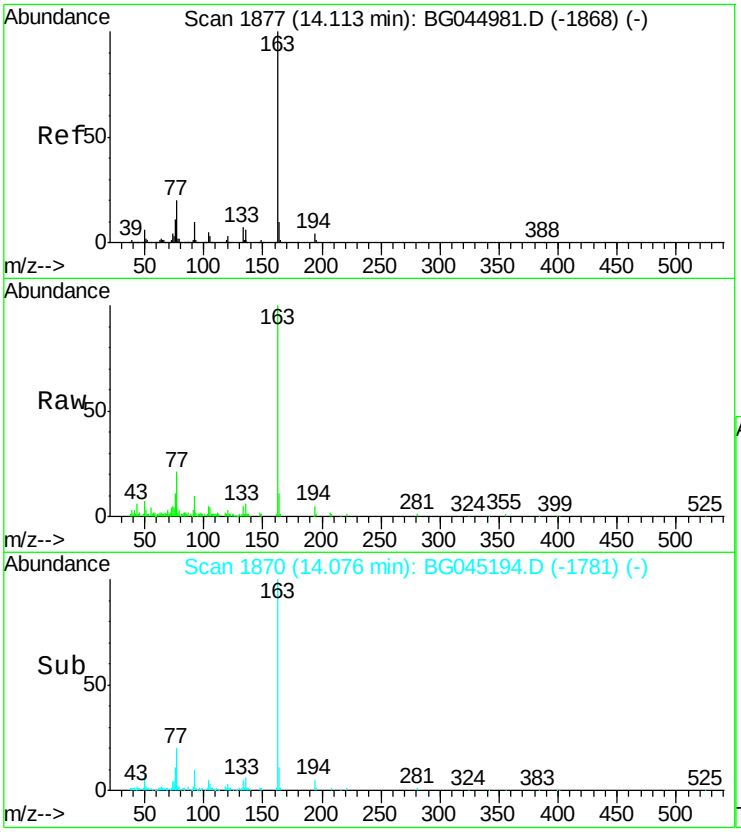


#45
2-Fluorobiphenyl
Concen: 88.818 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:172 Resp: 1081559

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	24.2	20.5	30.7



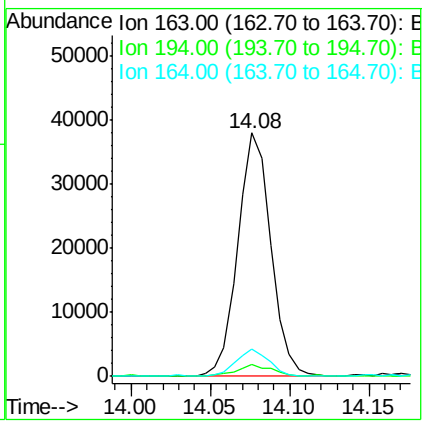


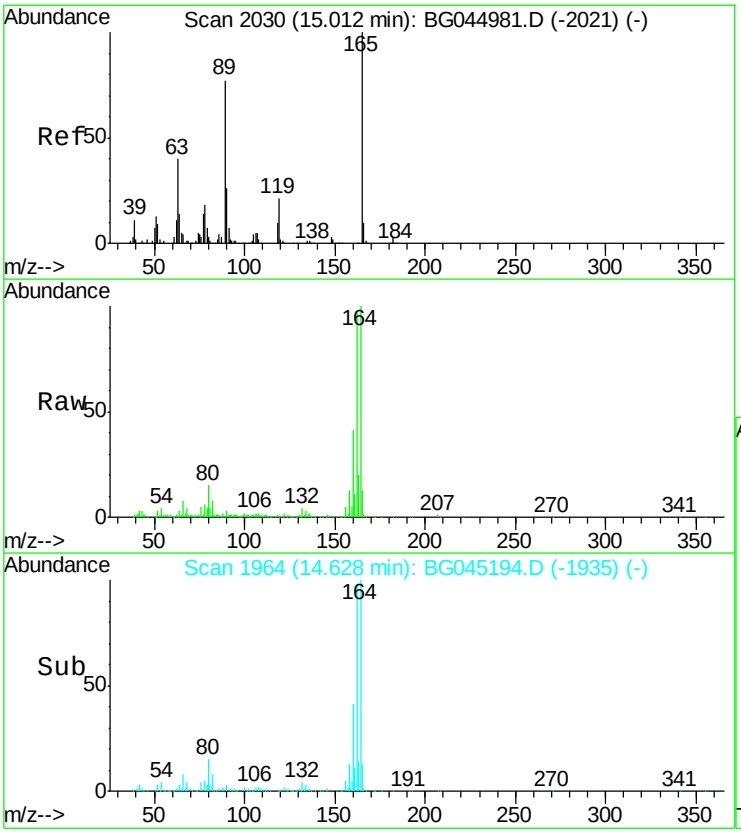
#50
Dimethylphthalate
Concen: 3.779 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 54941

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	11.1	8.2	12.4

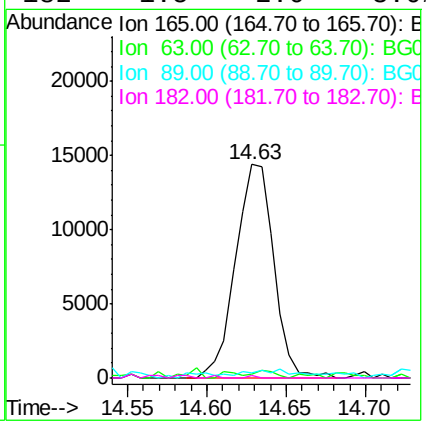


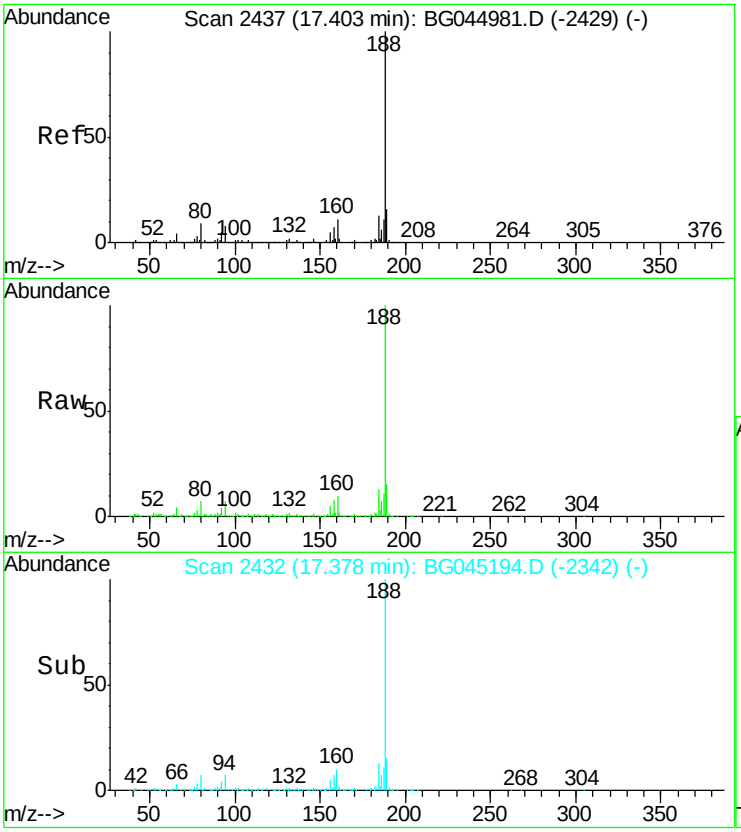


#57
2,4-Dinitrotoluene
Concen: 5.053 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:165 Resp: 24016

Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.2	48.2#
89	2.3	61.7	92.5#
182	1.5	2.0	3.0#



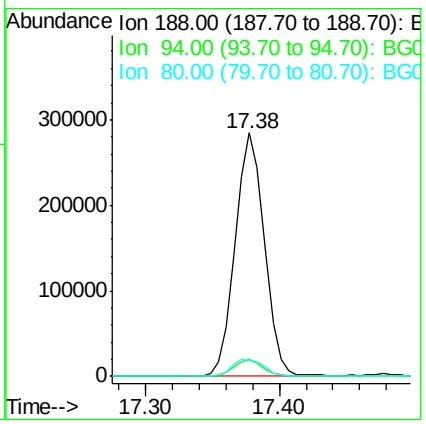


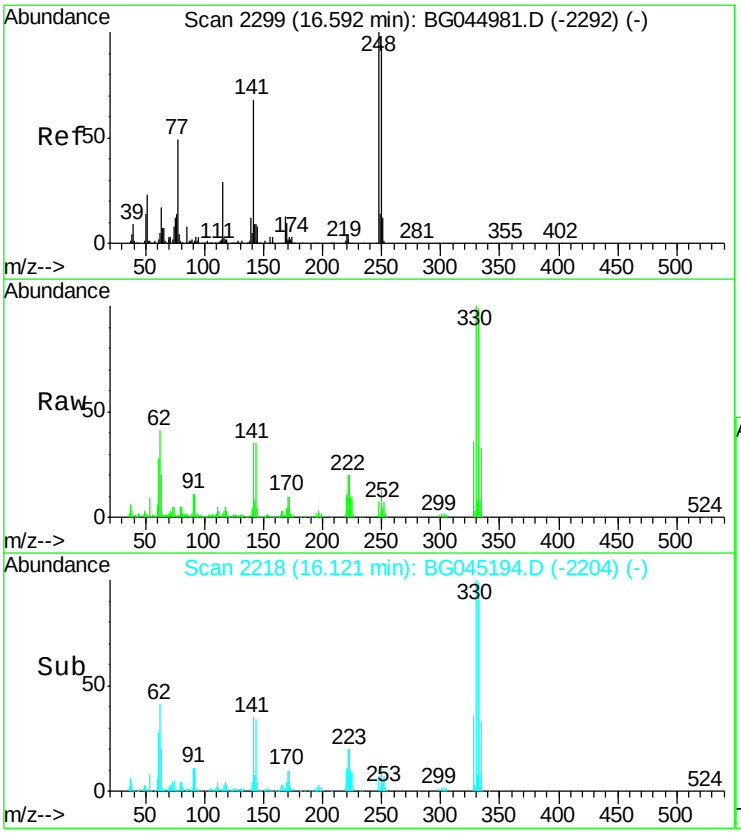
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 431977

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	6.7	7.0	10.6#

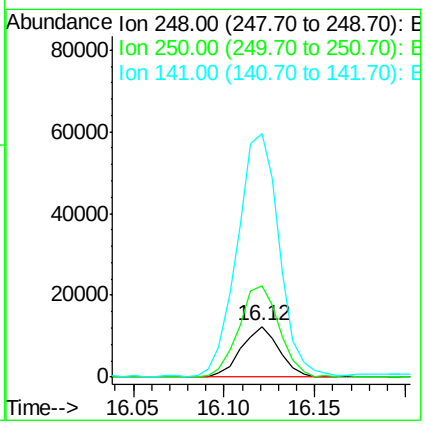


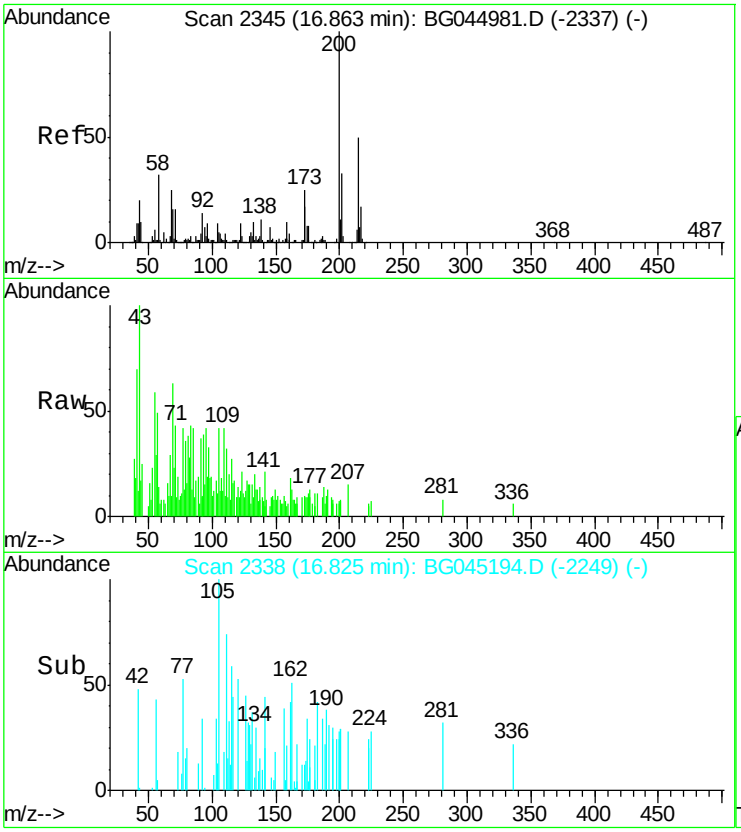


#67
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:248 Resp: 17956

Ion	Ratio	Lower	Upper
248	100		
250	181.6	75.4	113.2#
141	483.4	54.4	81.6#



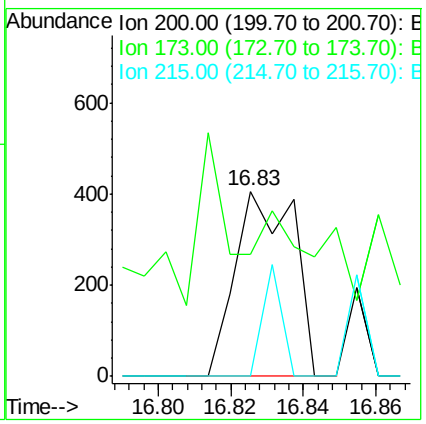


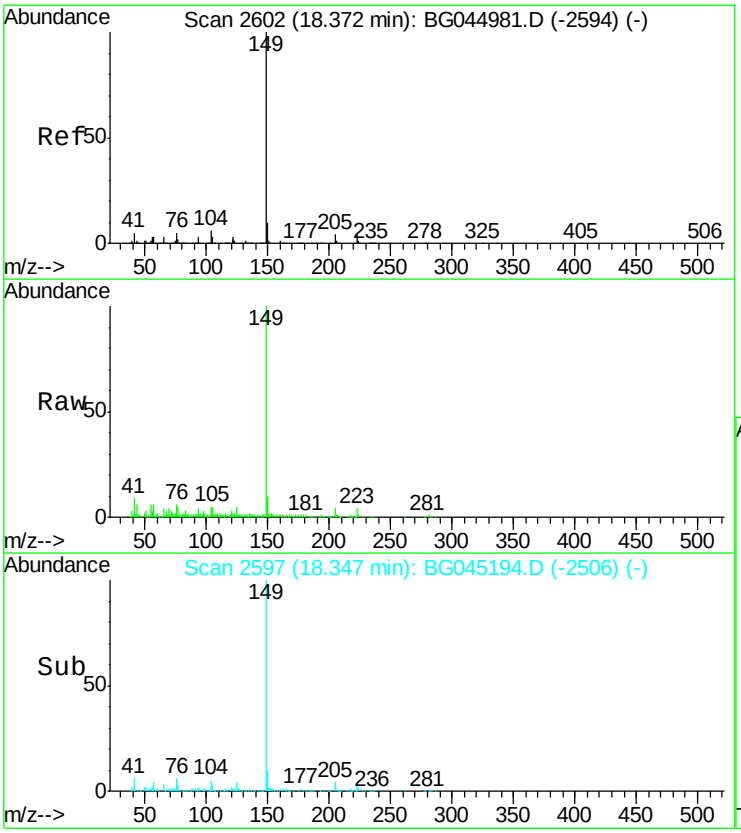
#69
Atrazine
Concen: Below Cal
RT: 16.83 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 454

Ion	Ratio	Lower	Upper
200	100		
173	66.3	4.5	44.5#
215	0.0	30.0	70.0#

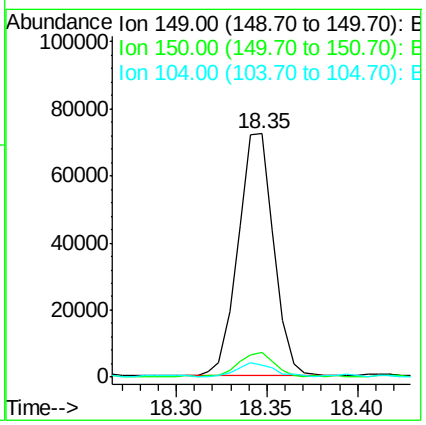


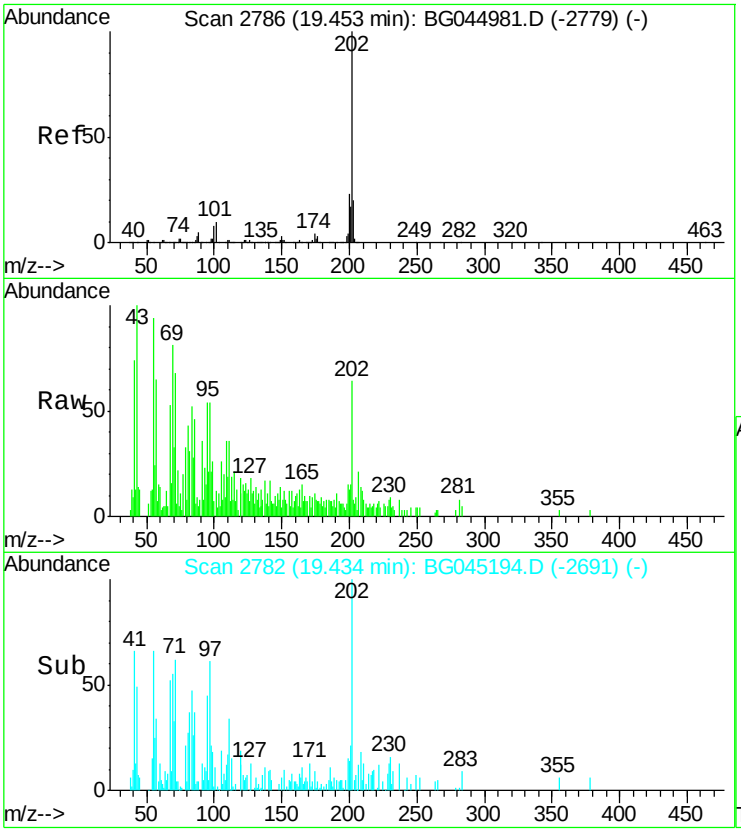


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.35 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:149 Resp: 98167

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	4.9	4.8	7.2



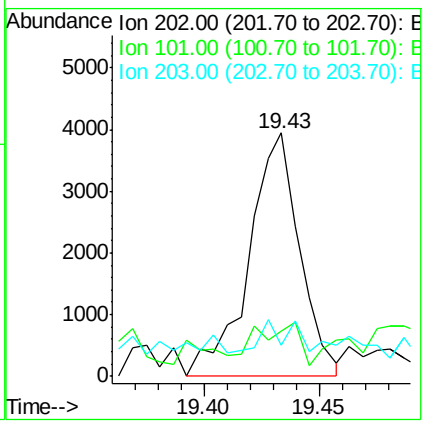


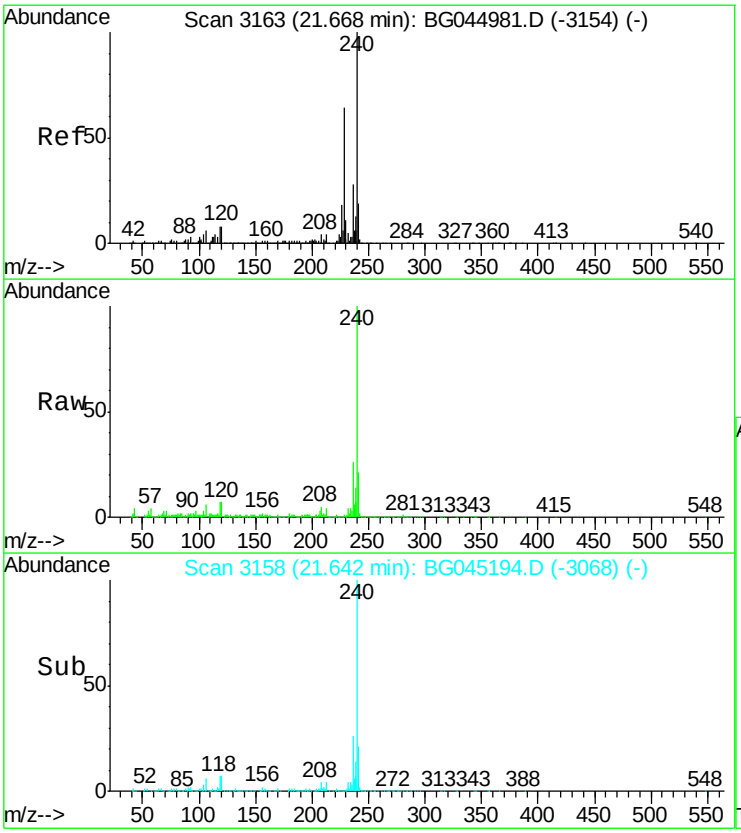
#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 6040

Ion	Ratio	Lower	Upper
202	100		
101	18.6	0.0	29.6
203	12.9	0.0	39.7

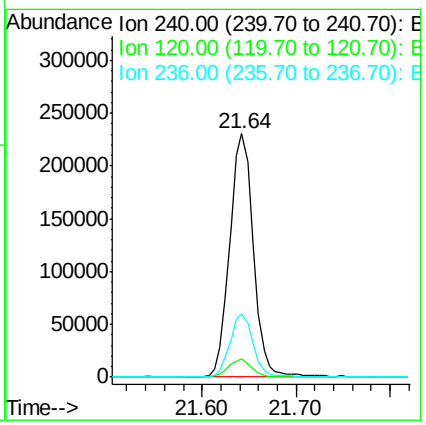


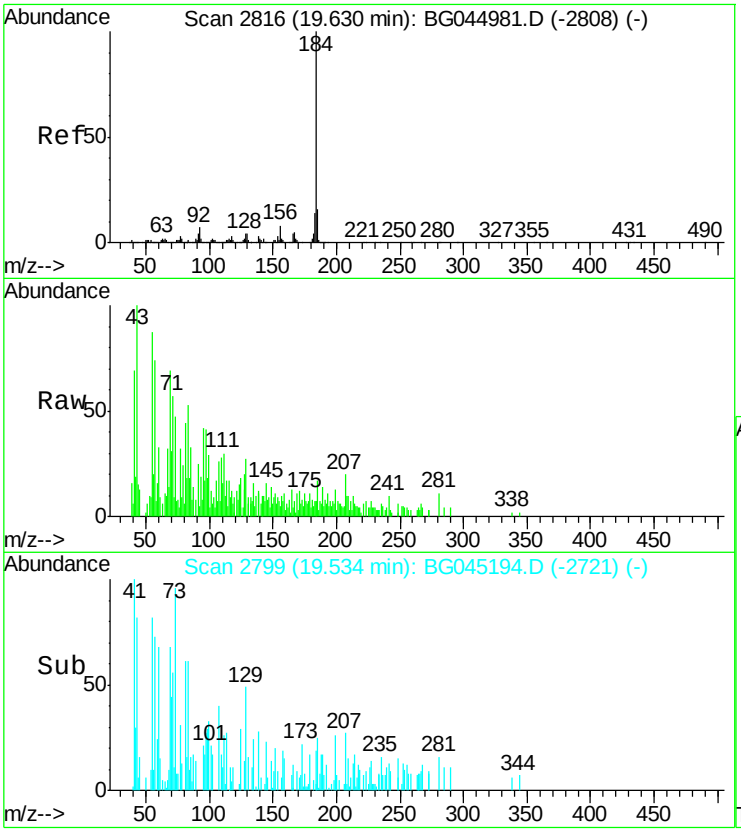


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:240 Resp: 401987

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.1	22.2	33.2



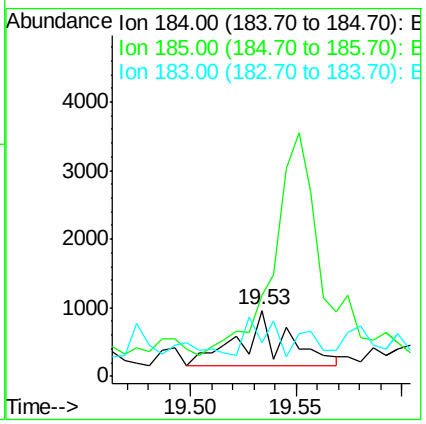


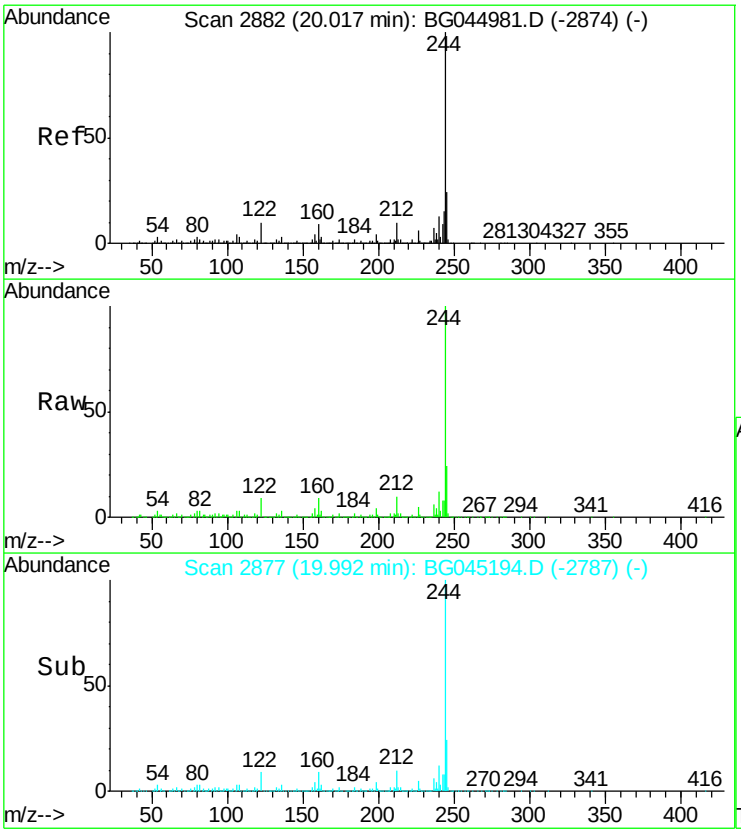
#77
Benzidine
Concen: Below Cal
RT: 19.53 min Scan# 2799
Delta R.T. -0.07 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 1191

Ion	Ratio	Lower	Upper
184	100		
185	123.1	12.6	19.0#
183	51.0	11.3	16.9#

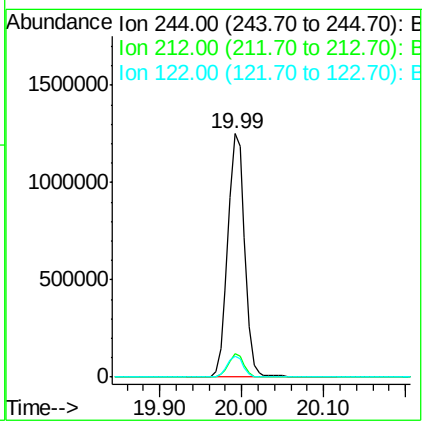


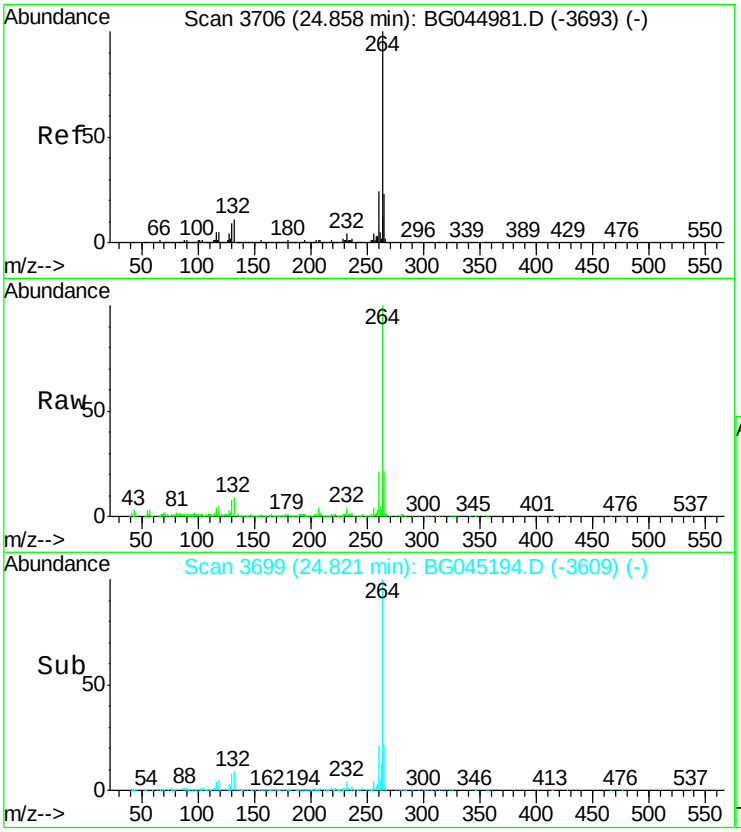


#79
Terphenyl-d14
Concen: 97.817 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Tgt Ion:244 Resp: 1804073

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	8.7	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045194.D
Acq: 28 Apr 2020 20:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 443916

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.1	19.0	28.4