Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040559.D
Acq On : 19 Apr 2019 13:18
Operator : JU/SJ
Sample : PB119042BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119042BL

Quant Time: Apr 19 23:08:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40756	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	160454	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	102159	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	318507	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	329488	20.00	ng	-0.02
87) Perylene-d12	24.95	264	353411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	286281	116.77	ng	-0.01
7) Phenol-d6	7.19	99	390277	115.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	222663	73.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	153290	138.84	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	690739	100.19	ng	-0.01
79) Terphenyl-d14	20.01	244	1518556	103.68	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	28378	11.682	ng	# 73
51) 2,6-Dinitrotoluene	14.66	165	13298	7.407	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	13298	5.331	ng	# 24
77) Benzidine	20.01	184	24484	2.058	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
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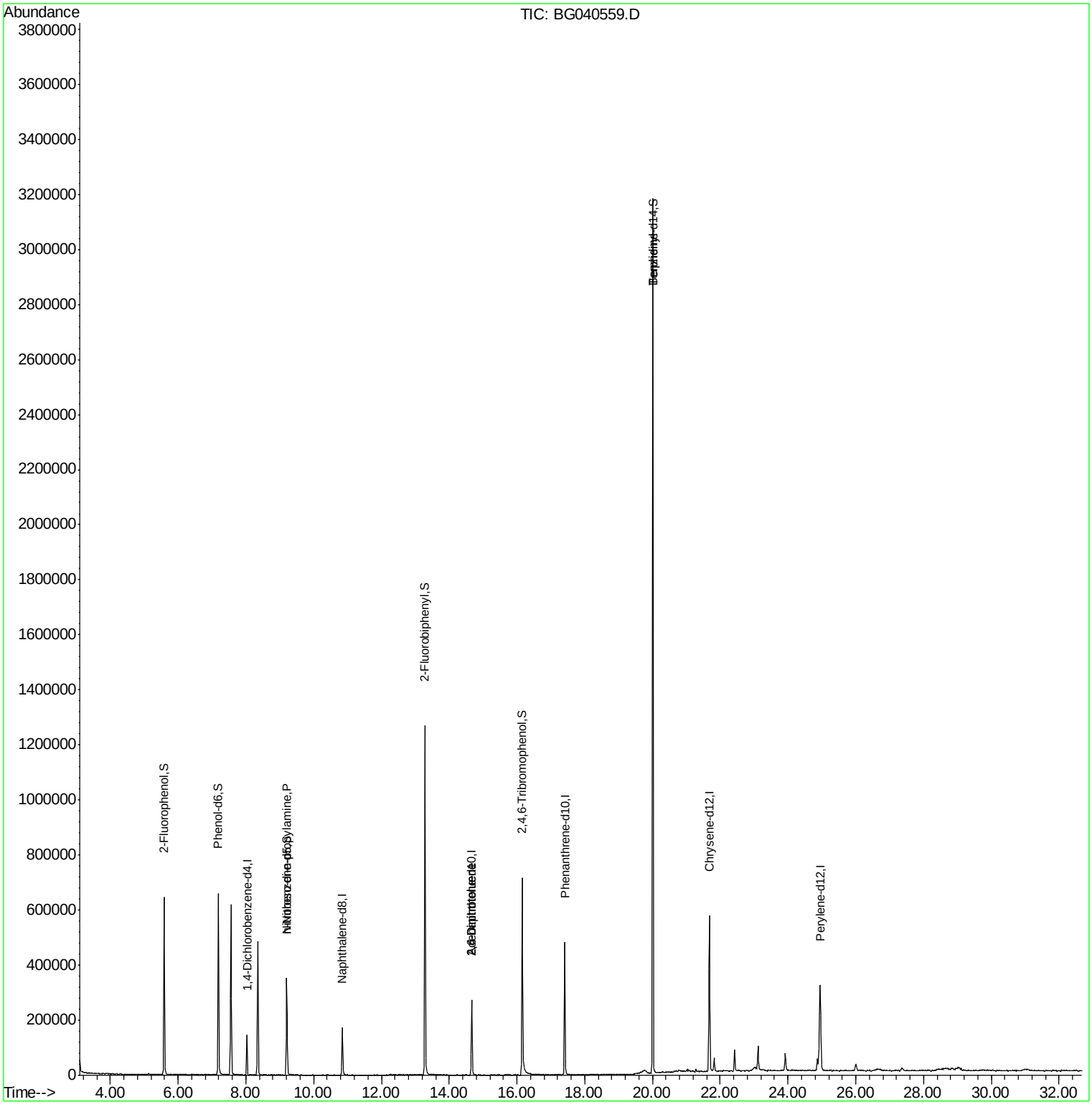
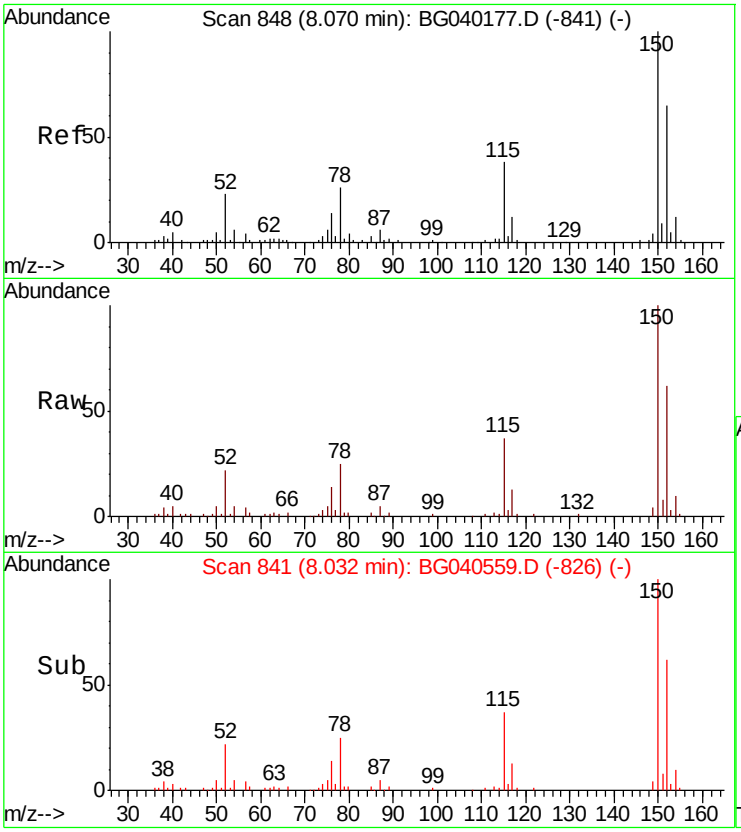


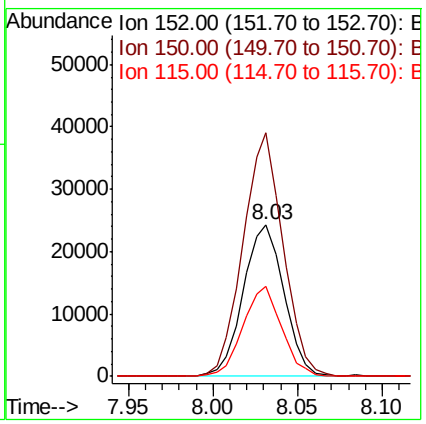


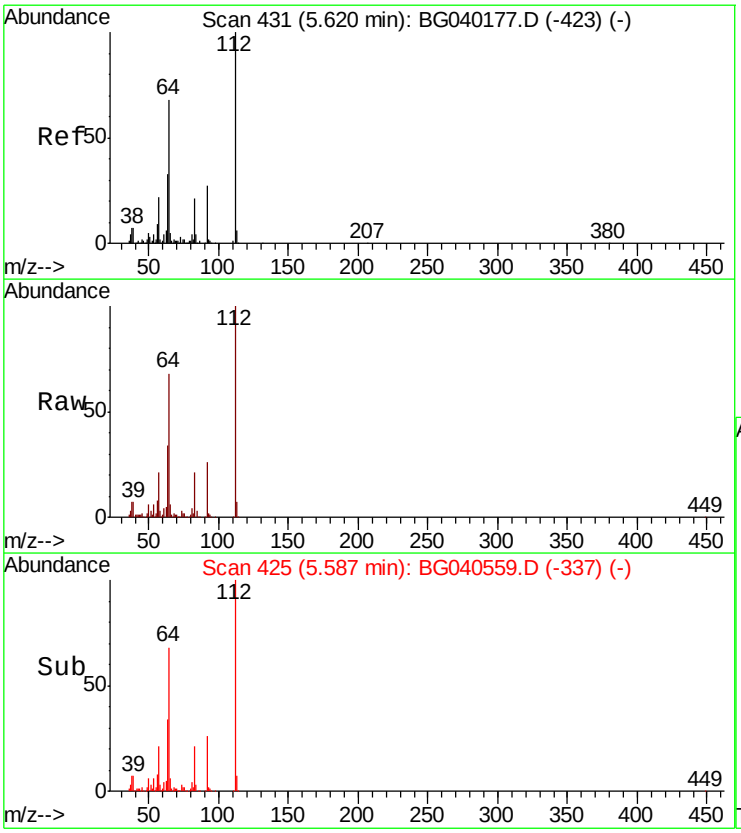
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:152 Resp: 40756

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	58.8	46.9	70.3

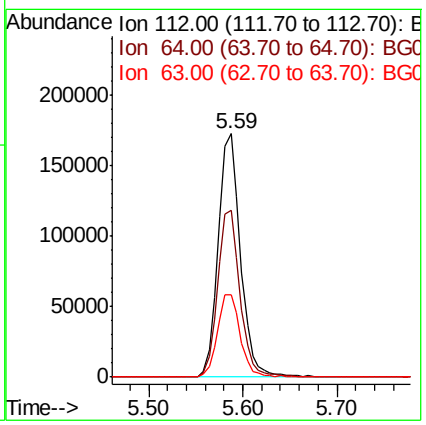


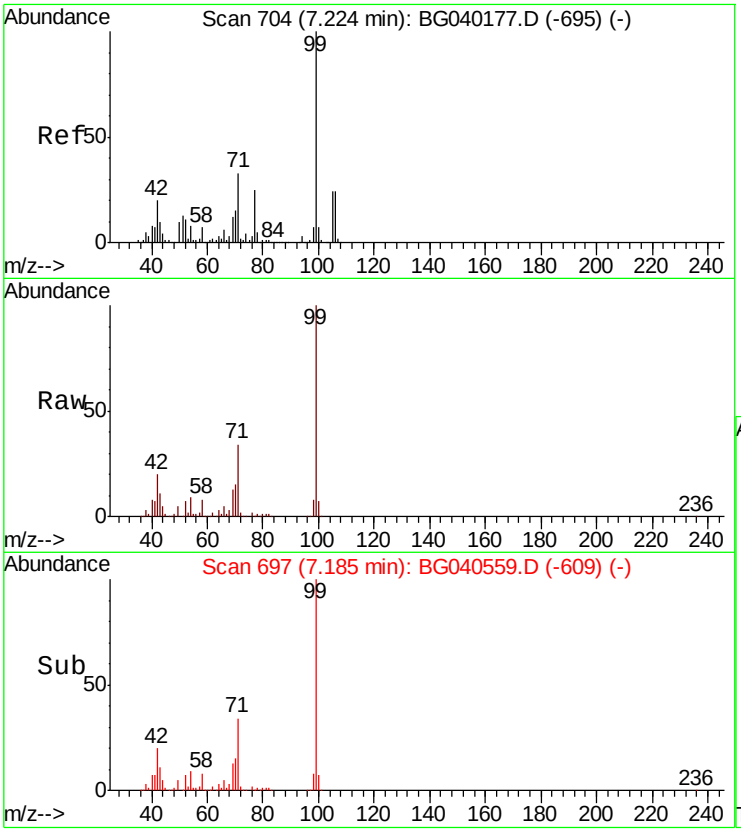


#5
2-Fluorophenol
Concen: 116.772 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:112 Resp: 286281

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.2	81.2
63	34.0	26.4	39.6



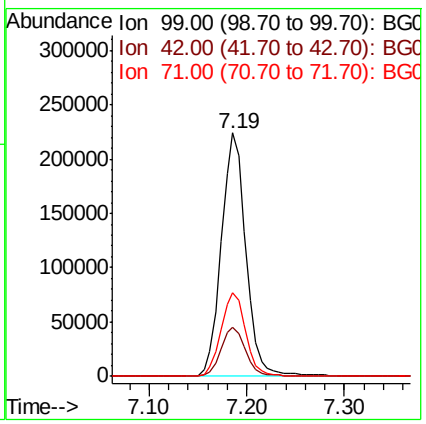


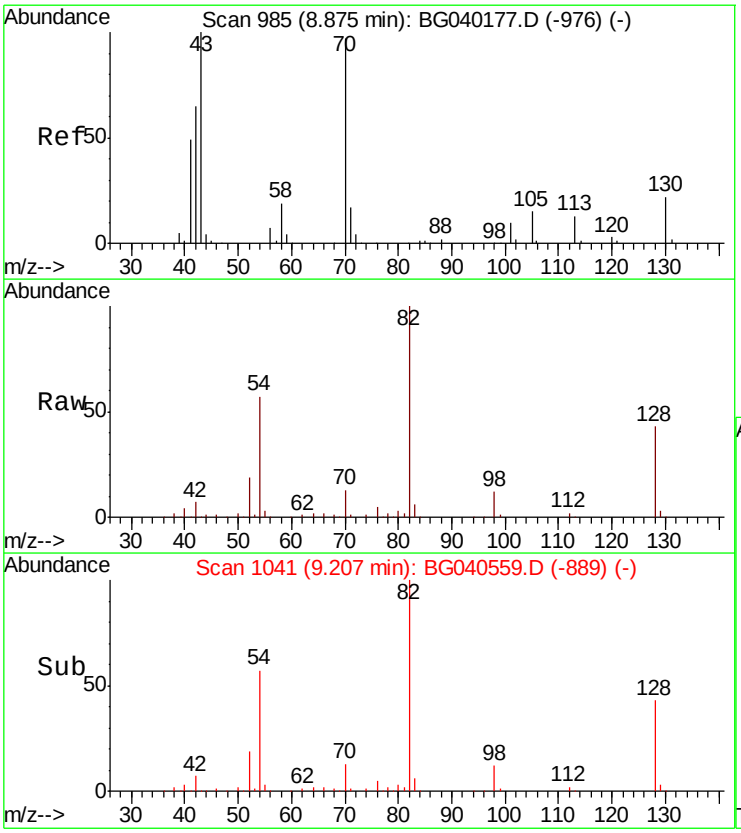
#7
Phenol-d6
Concen: 115.188 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion: 99 Resp: 390277

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	34.3	26.8	40.2

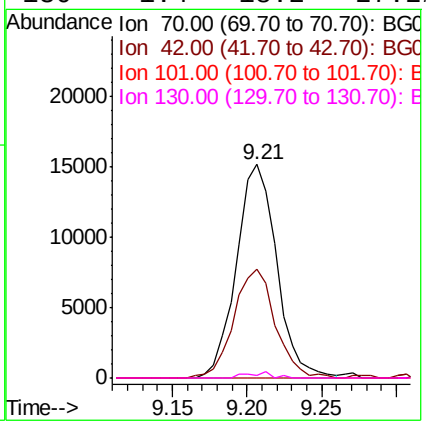


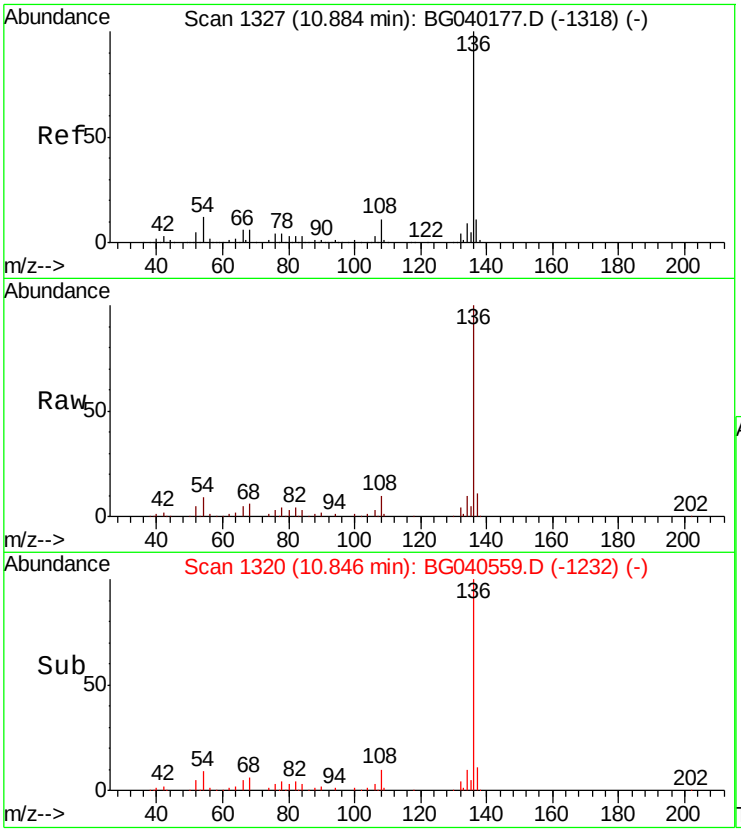


#19
n-Nitroso-di-n-propylamine
Concen: 11.682 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.36 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion: 70 Resp: 28378

Ion	Ratio	Lower	Upper
70	100		
42	50.8	54.0	81.0#
101	0.0	8.6	13.0#
130	1.4	18.2	27.2#



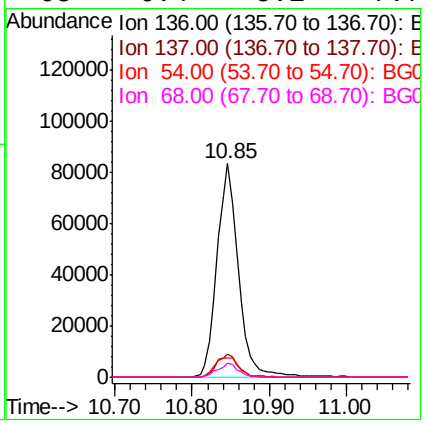


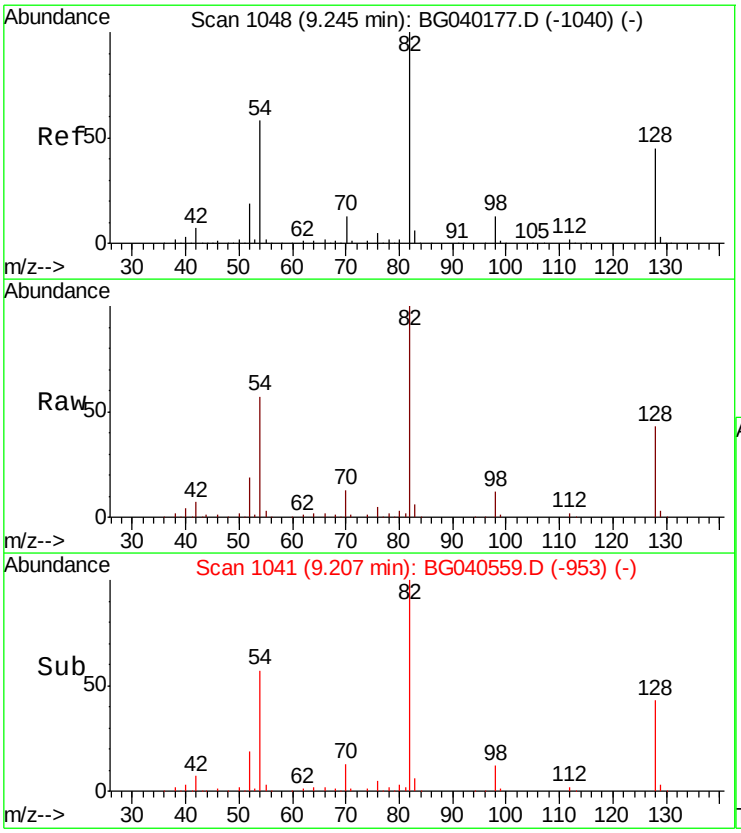
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:136 Resp: 160454

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	9.6	14.4#
68	6.4	5.1	7.7

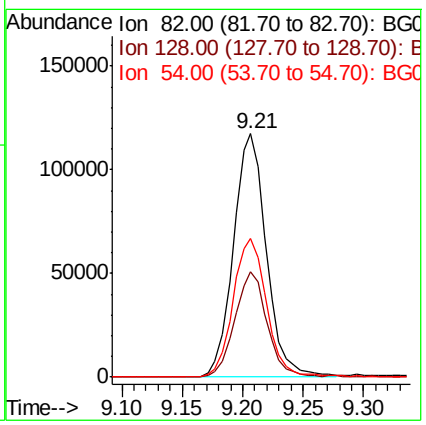


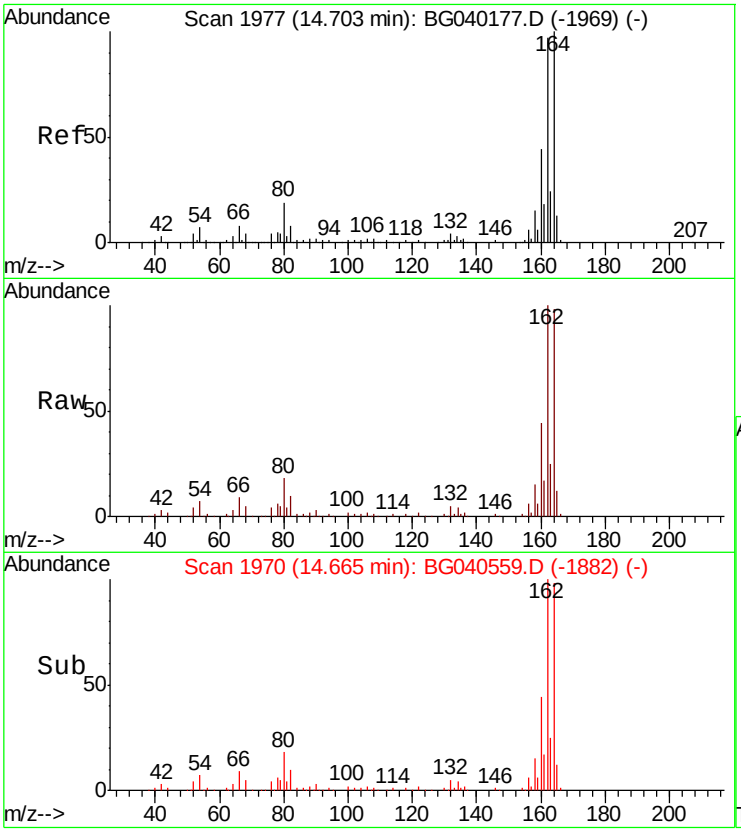


#23
Nitrobenzene-d5
Concen: 73.761 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion: 82 Resp: 222663

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	57.1	46.2	69.2



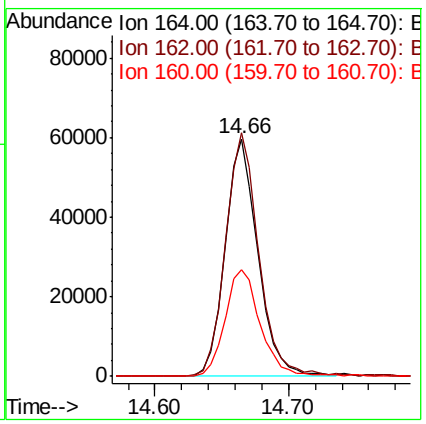


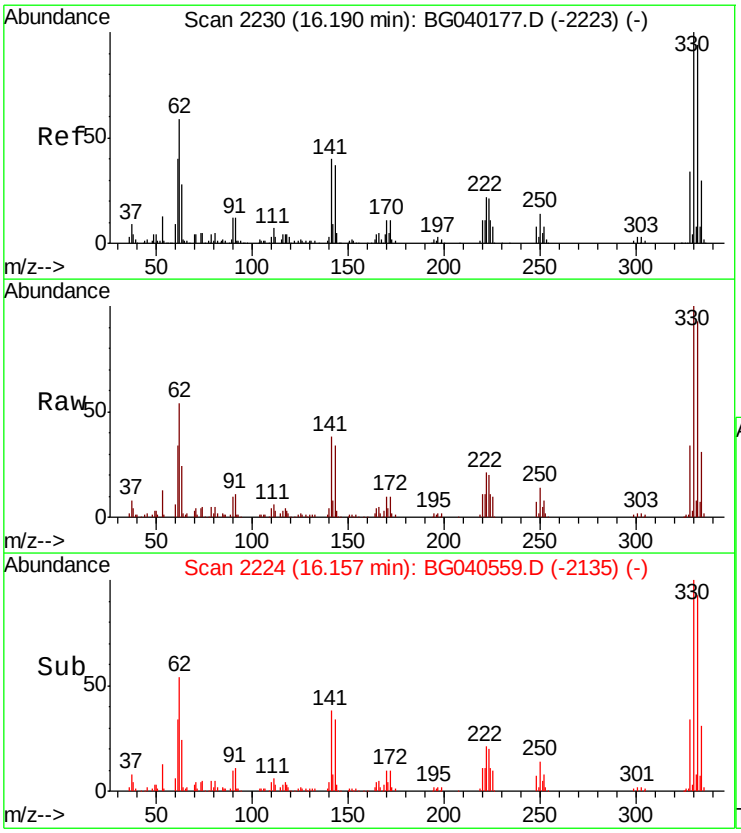
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:164 Resp: 102159

Ion	Ratio	Lower	Upper
164	100		
162	102.5	77.4	116.2
160	44.7	35.3	52.9

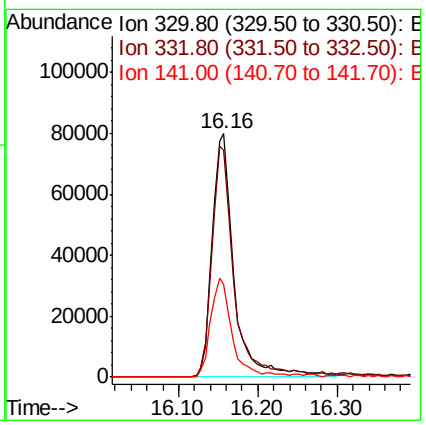


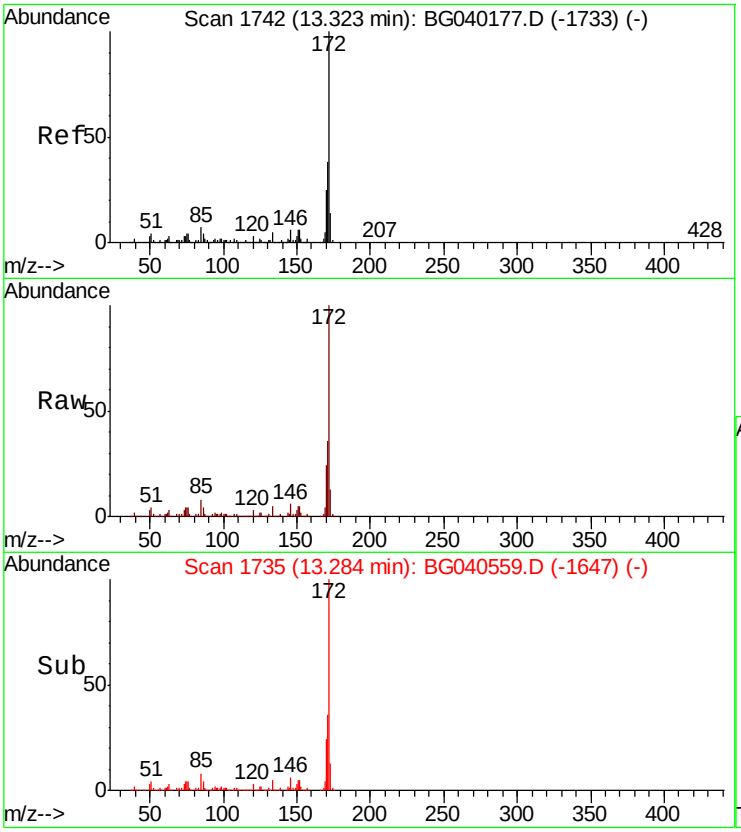


#42
2,4,6-Tribromophenol
Concen: 138.841 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:330 Resp: 153290

Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.6	115.0
141	39.6	32.6	48.8



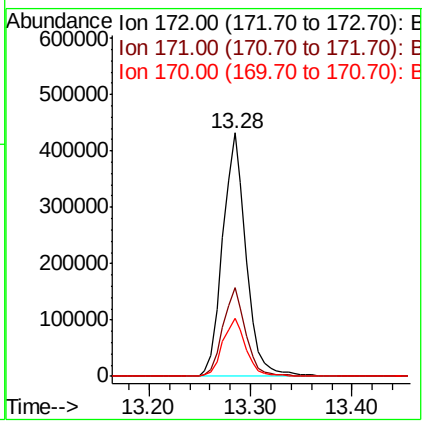


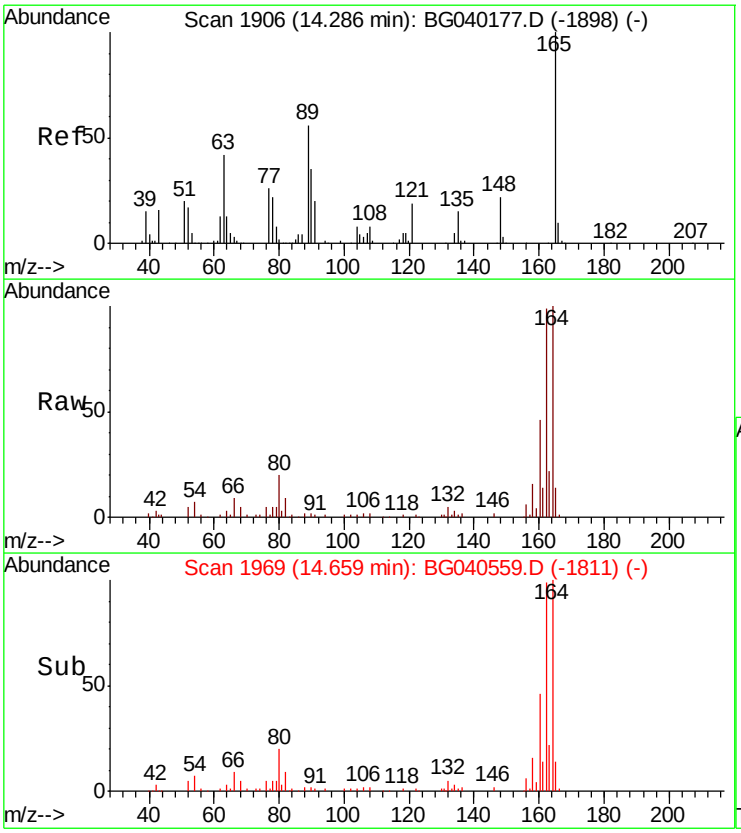
#45
2-Fluorobiphenyl
Concen: 100.188 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:172 Resp: 690739

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.9	20.1	30.1

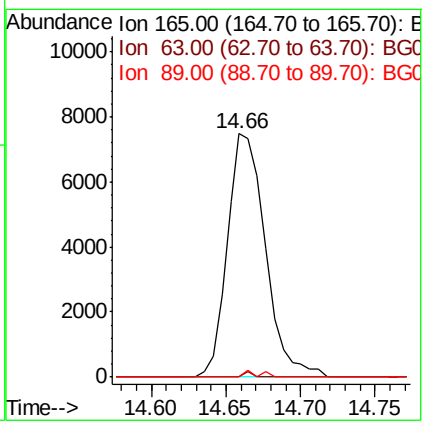


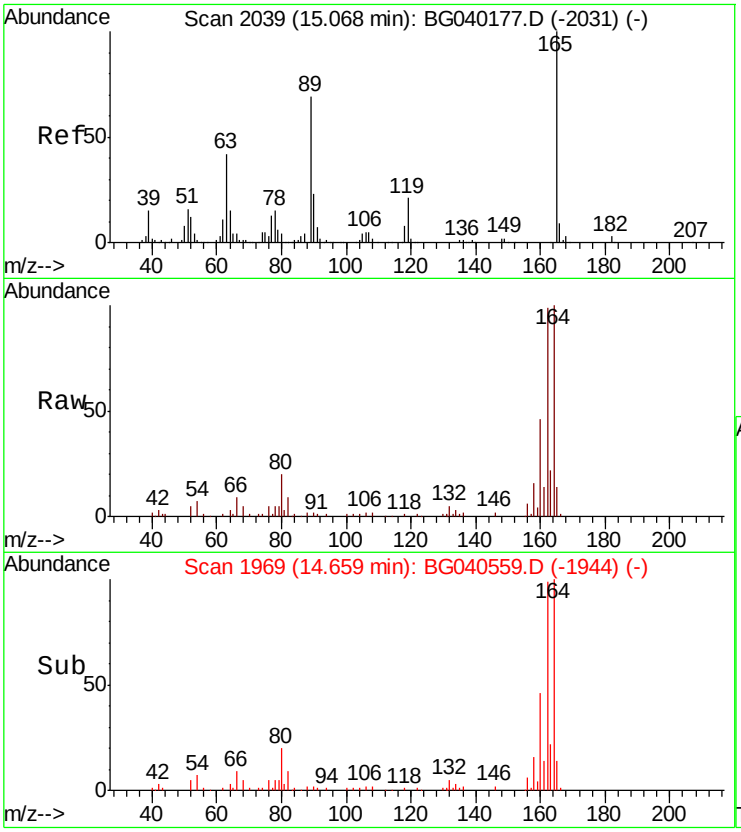


#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.40 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:165 Resp: 13298

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.9	67.3#



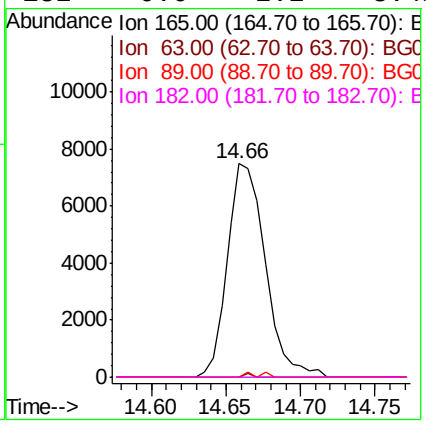


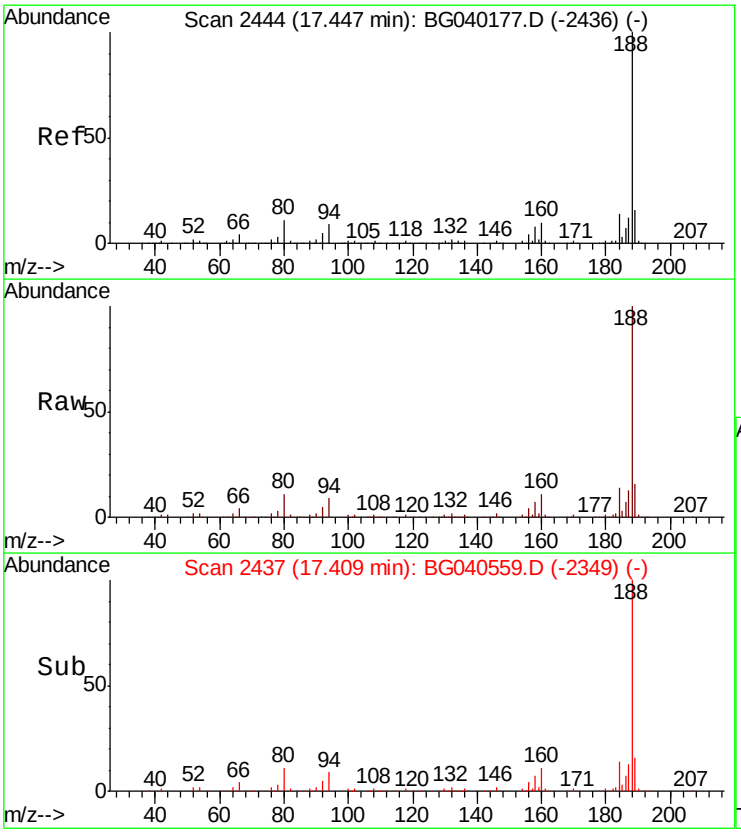
#57
2,4-Dinitrotoluene
Concen: 5.331 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.38 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:165 Resp: 13298

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

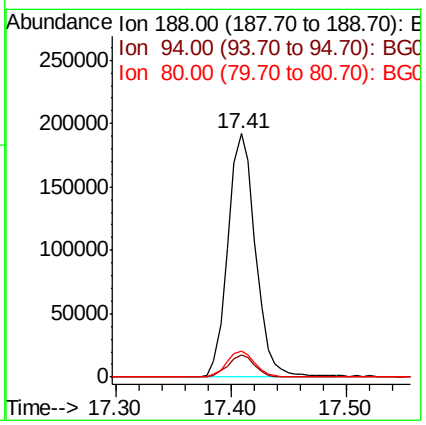


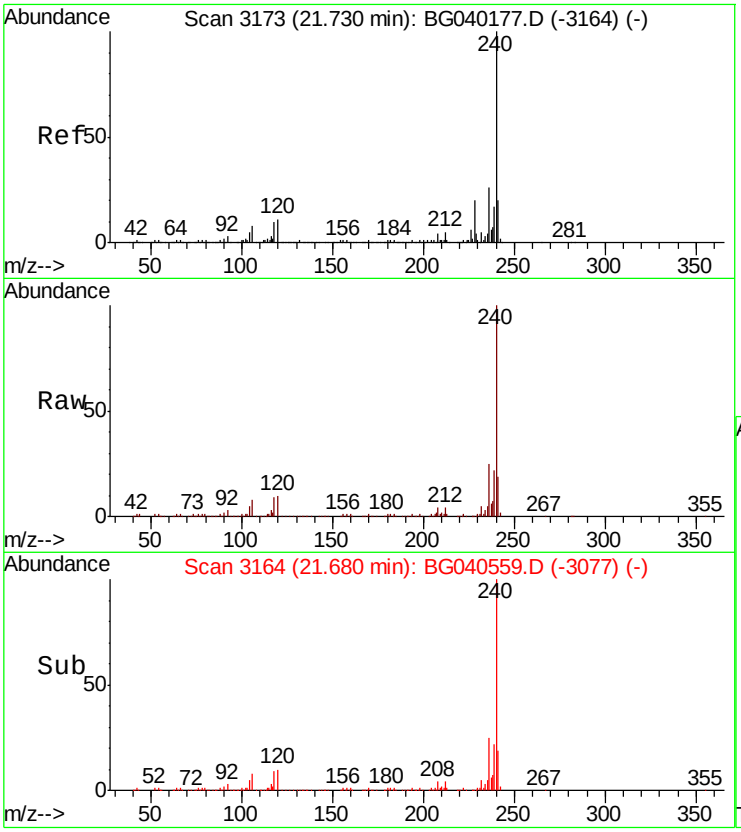


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:188 Resp: 318507

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.9	8.6	13.0



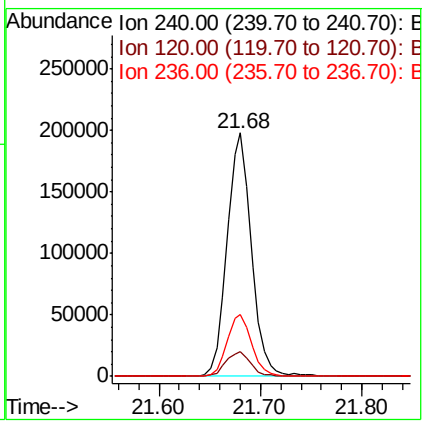


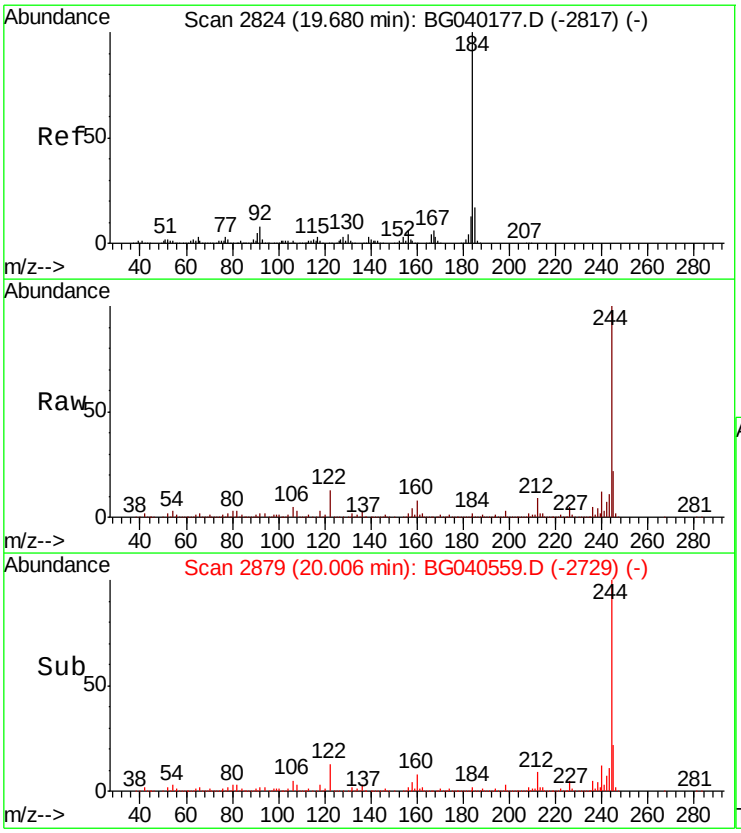
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:240 Resp: 329488

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	25.4	20.8	31.2

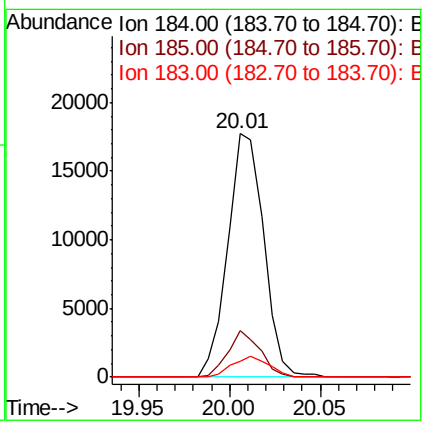


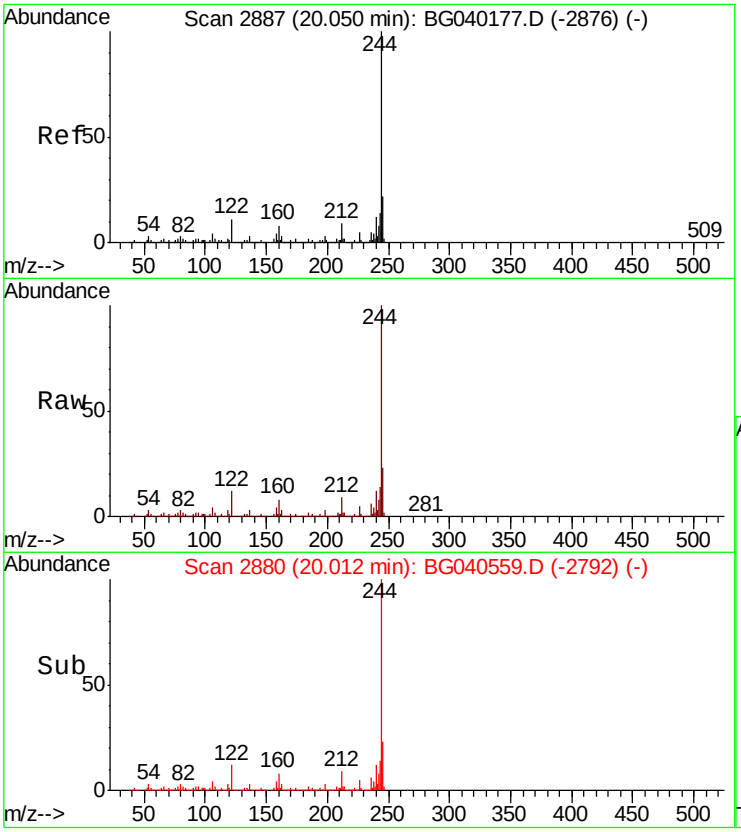


#77
Benzidine
Concen: 2.058 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.35 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:184 Resp: 24484

Ion	Ratio	Lower	Upper
184	100		
185	18.9	13.3	19.9
183	6.4	10.3	15.5#



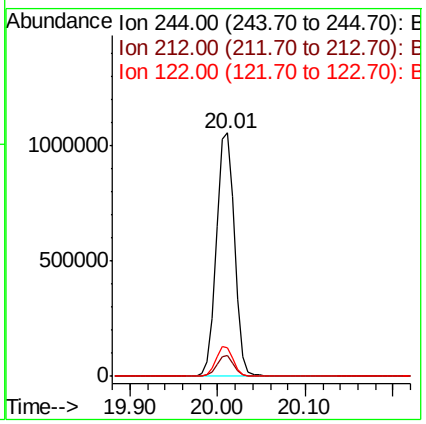


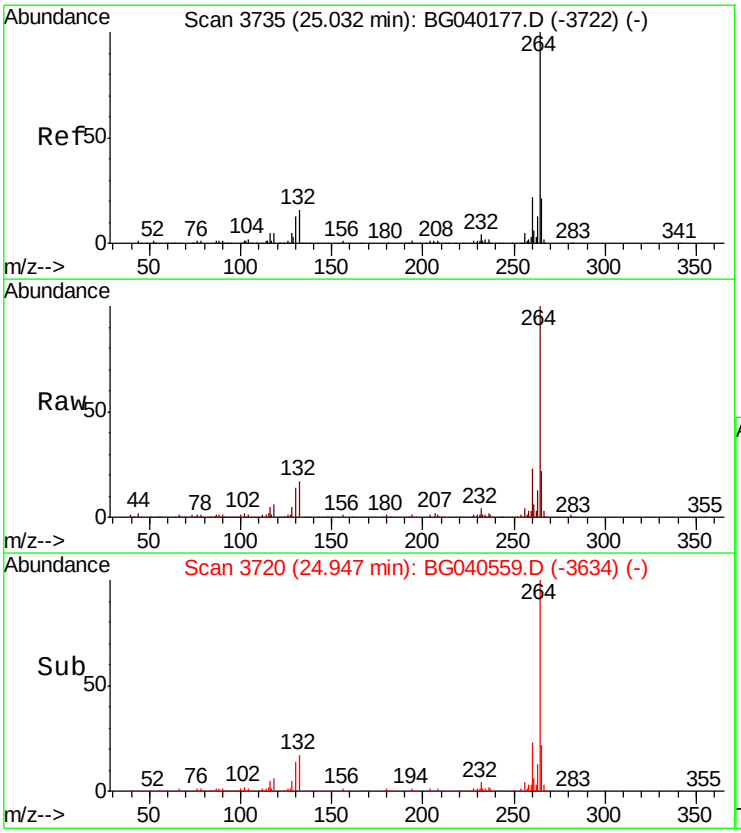
#79
Terphenyl-d14
Concen: 103.683 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Instrument :
BNA_G
ClientSampleId :
PB119042BL

Tgt Ion:244 Resp: 1518556

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.9	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.02 min
Lab File: BG040559.D
Acq: 19 Apr 2019 13:18

Tgt Ion:264 Resp: 353411

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	22.5	16.8	25.2