Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045044.D
Acq On : 17 Apr 2020 23:47
Operator : CG/JU
Sample : PB128315BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128315BL

Quant Time: Apr 18 02:25:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60373	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	258060	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	204287	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	506278	20.00	ng	0.00
76) Chrysene-d12	21.66	240	494222	20.00	ng	0.00
87) Perylene-d12	24.85	264	514582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	461119	126.10	ng	0.00
7) Phenol-d6	7.18	99	709711	130.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	533219	94.28	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	466198	147.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1346435	96.64	ng	0.00
79) Terphenyl-d14	20.01	244	2357656	103.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1302	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	72111	18.767	ng	# 79
32) Benzoic acid	9.97	122	70	6.393	ng	# 1
51) 2,6-Dinitrotoluene	14.65	165	26262	7.059	ng	# 25
57) 2,4-Dinitrotoluene	14.65	165	26262	4.830	ng	# 22
67) 4-Bromophenyl-phenylether	16.14	248	32627	4.995	ng	# 1
69) Atrazine	17.22	200	59	Below Cal	#	35
74) Di-n-butylphthalate	18.37	149	1447	Below Cal	#	76
75) Fluoranthene	19.45	202	602	Below Cal		62
77) Benzidine	20.01	184	46438	Below Cal	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
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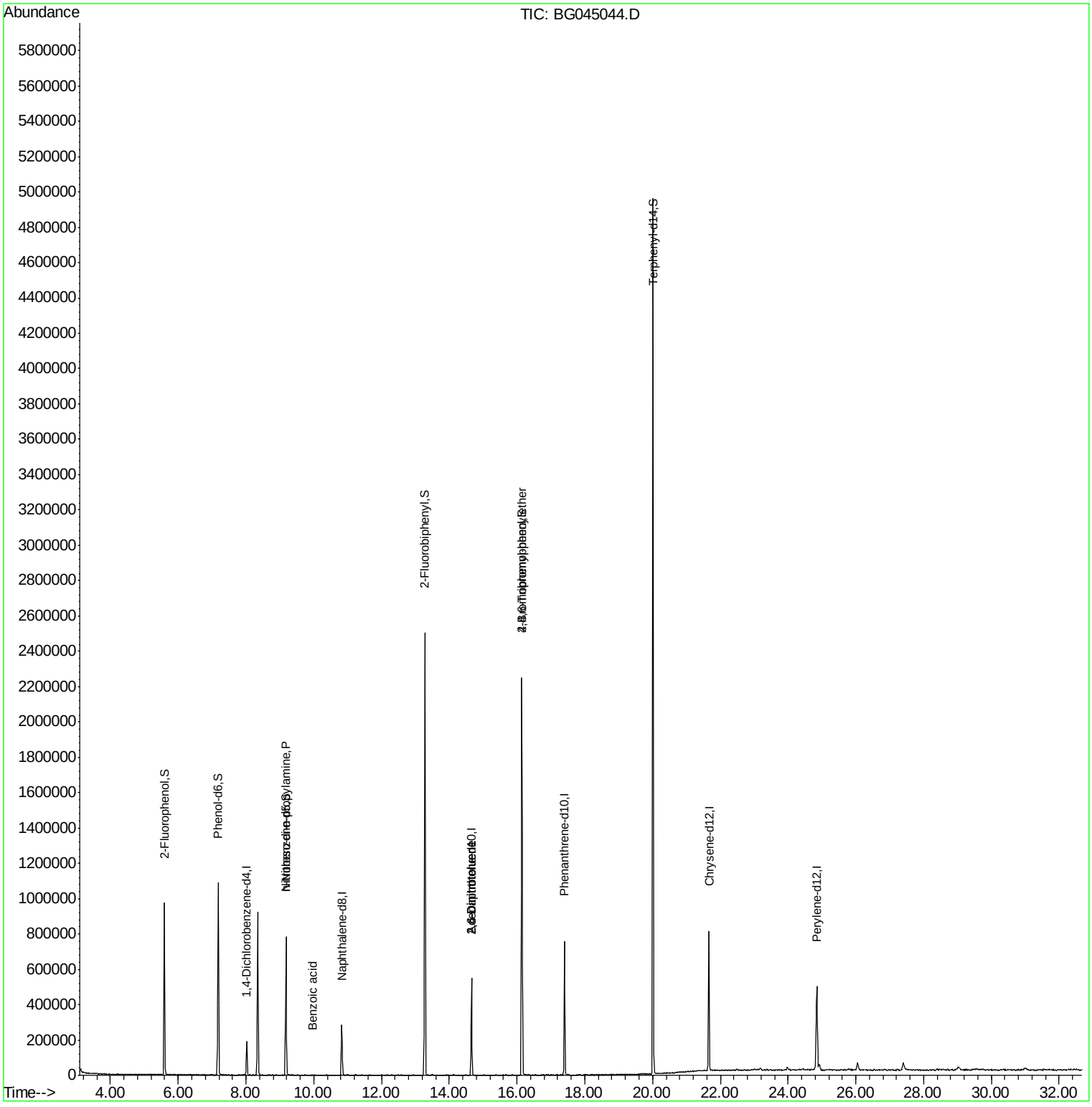
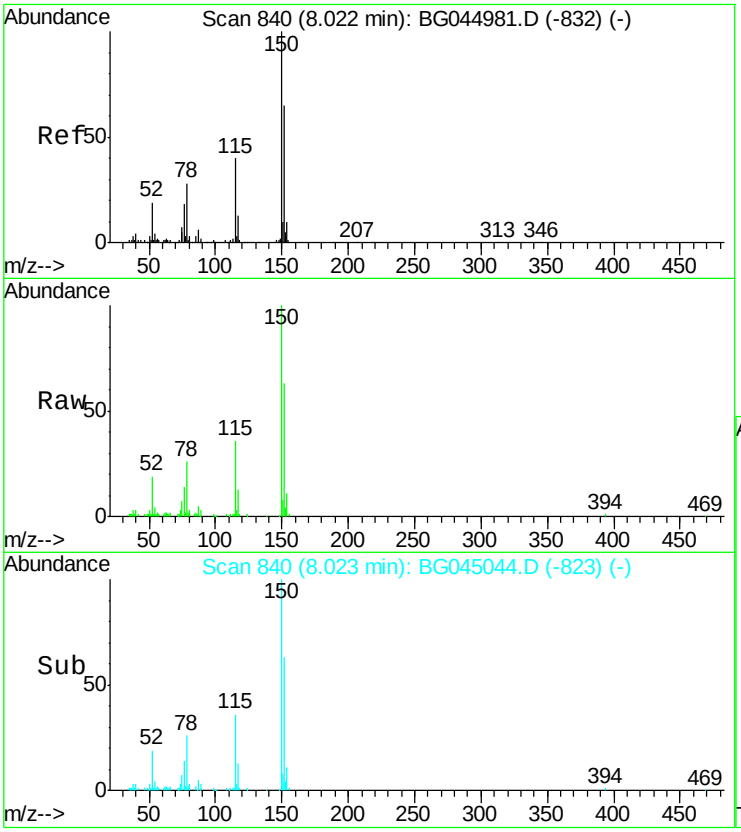


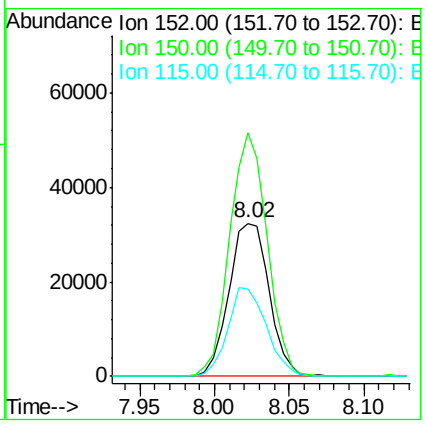


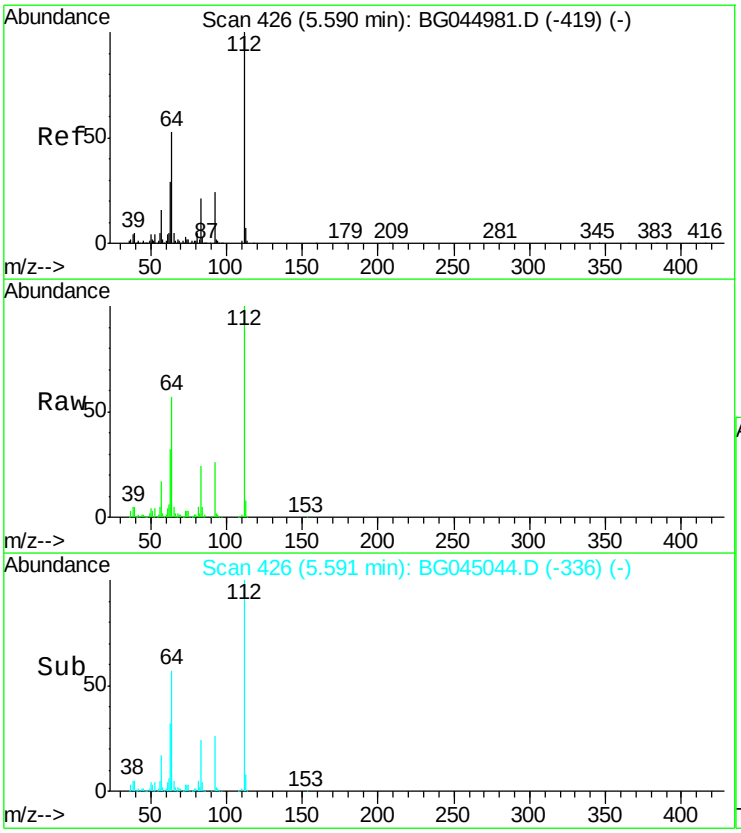
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:152 Resp: 60373

Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.6	185.4
115	57.0	49.1	73.7

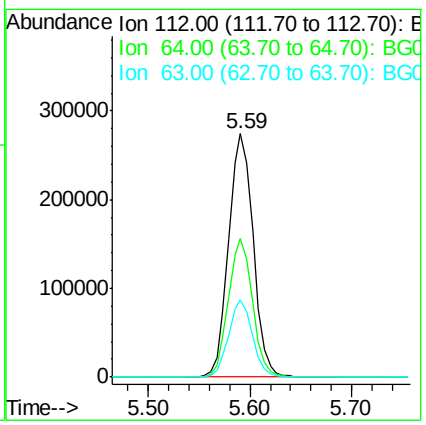


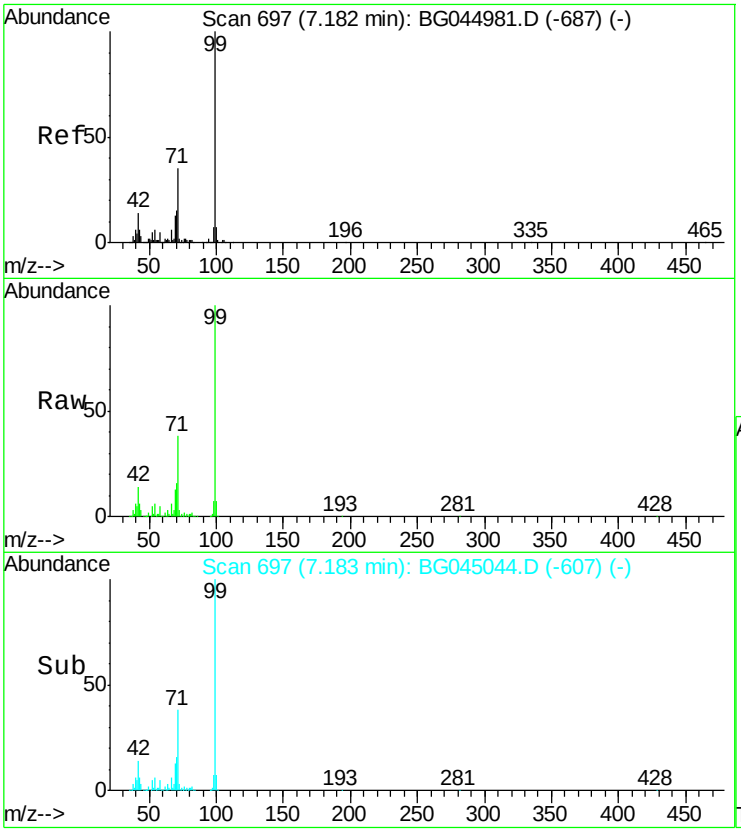


#5
2-Fluorophenol
Concen: 126.097 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:112 Resp: 461119

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	31.6	23.1	34.7



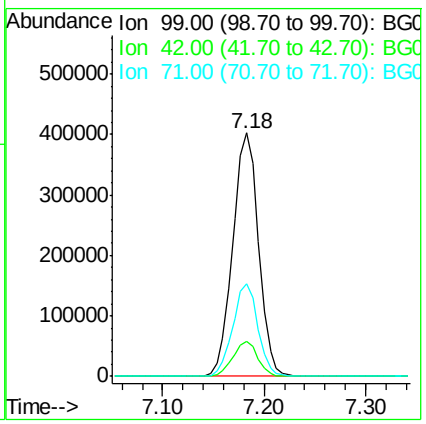


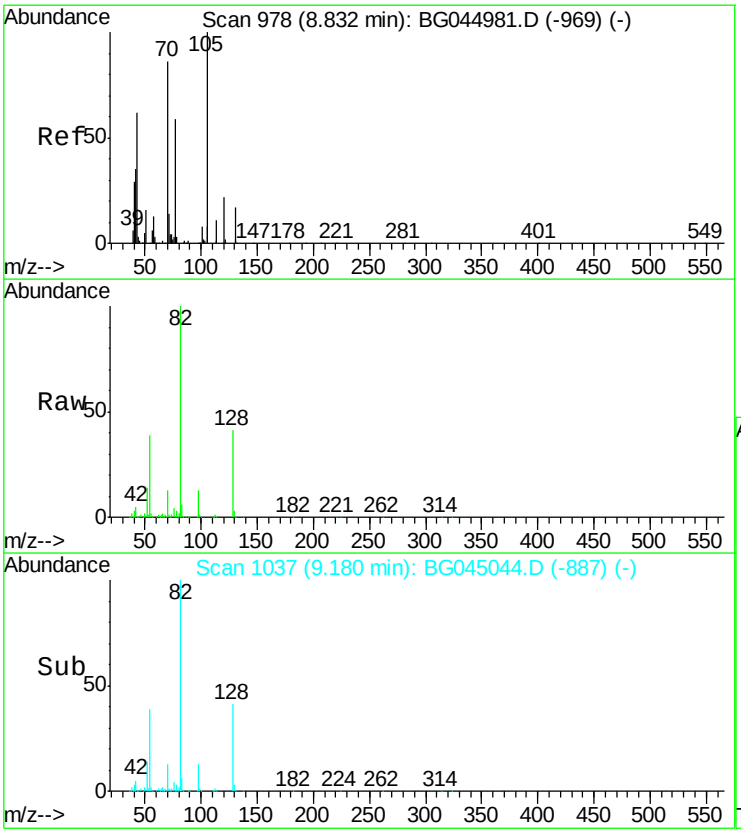
#7
Phenol-d6
Concen: 130.625 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion: 99 Resp: 709711

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	38.0	28.3	42.5

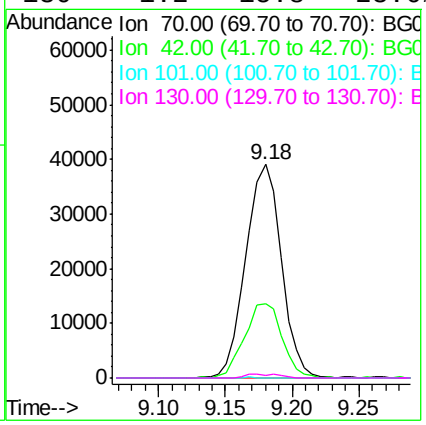


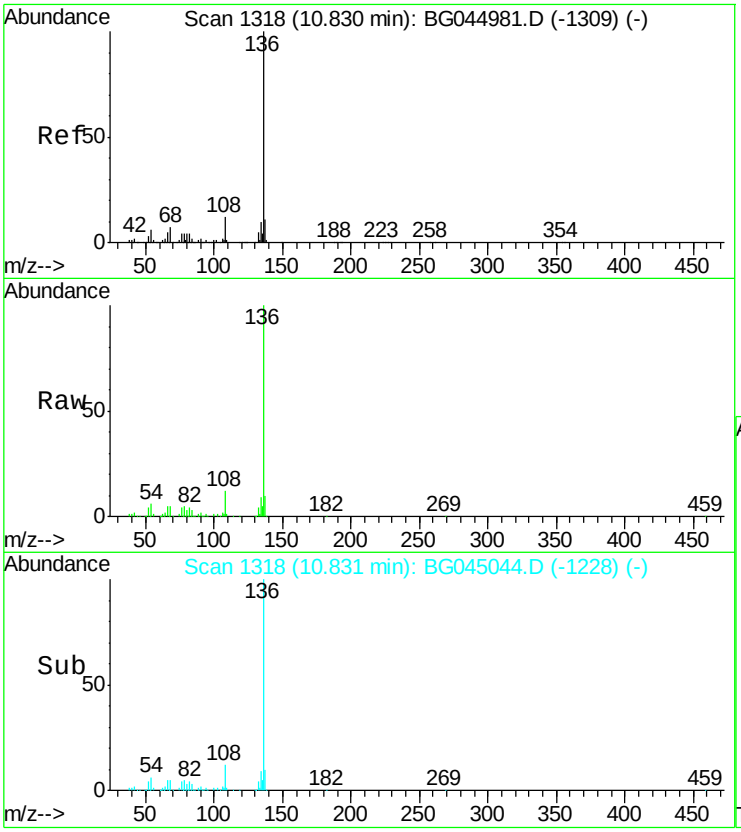


#19
n-Nitroso-di-n-propylamine
Concen: 18.767 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion: 70 Resp: 72111

Ion	Ratio	Lower	Upper
70	100		
42	35.0	33.3	49.9
101	0.0	7.8	11.8#
130	1.2	15.8	23.6#



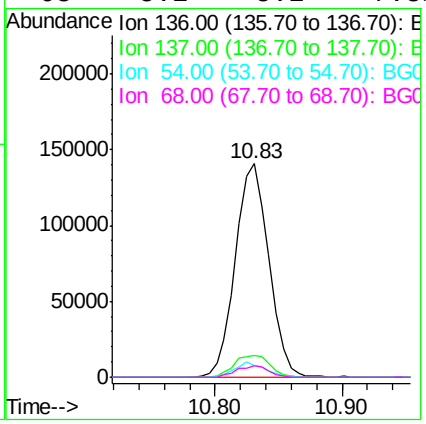


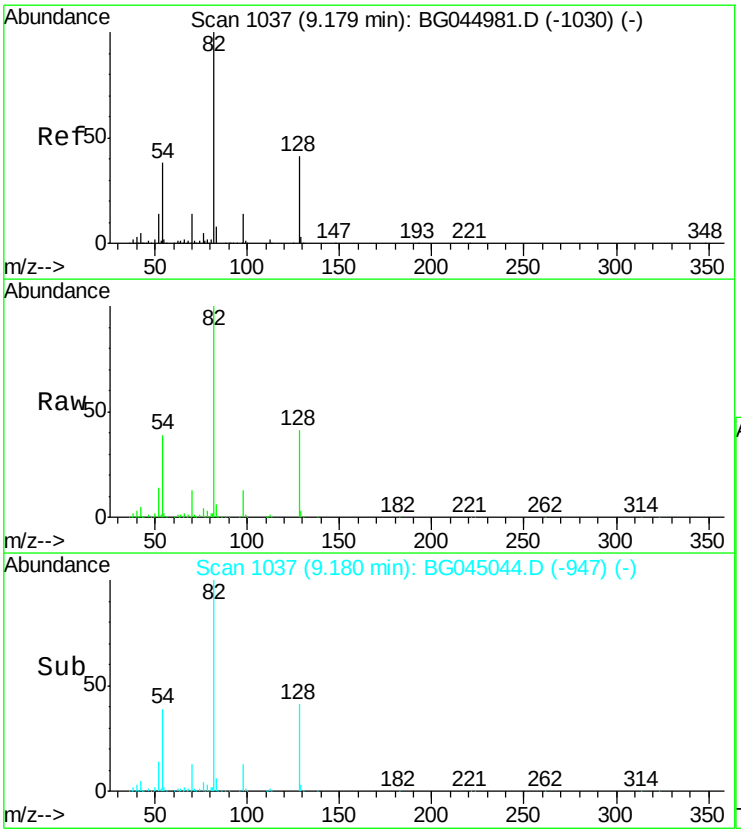
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:136 Resp: 258060

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.7	4.8	7.2
68	5.2	5.2	7.8#

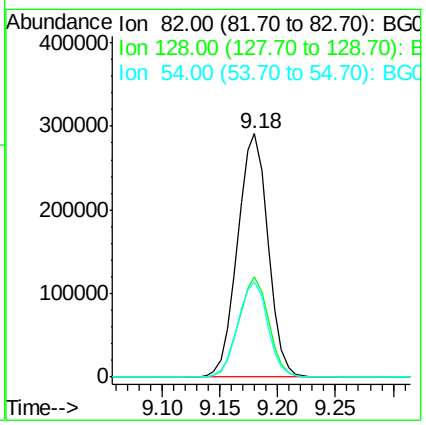


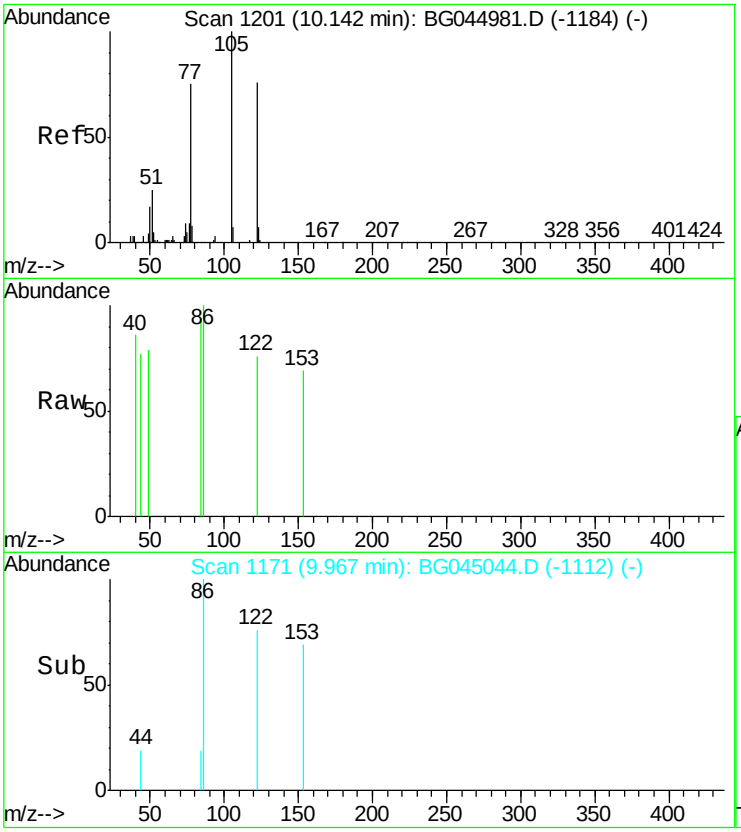


#23
Nitrobenzene-d5
Concen: 94.281 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion: 82 Resp: 533219

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	39.1	30.4	45.6



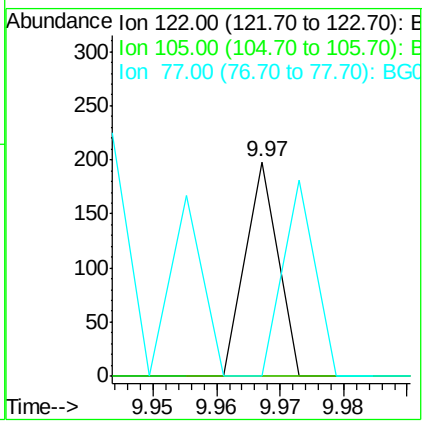


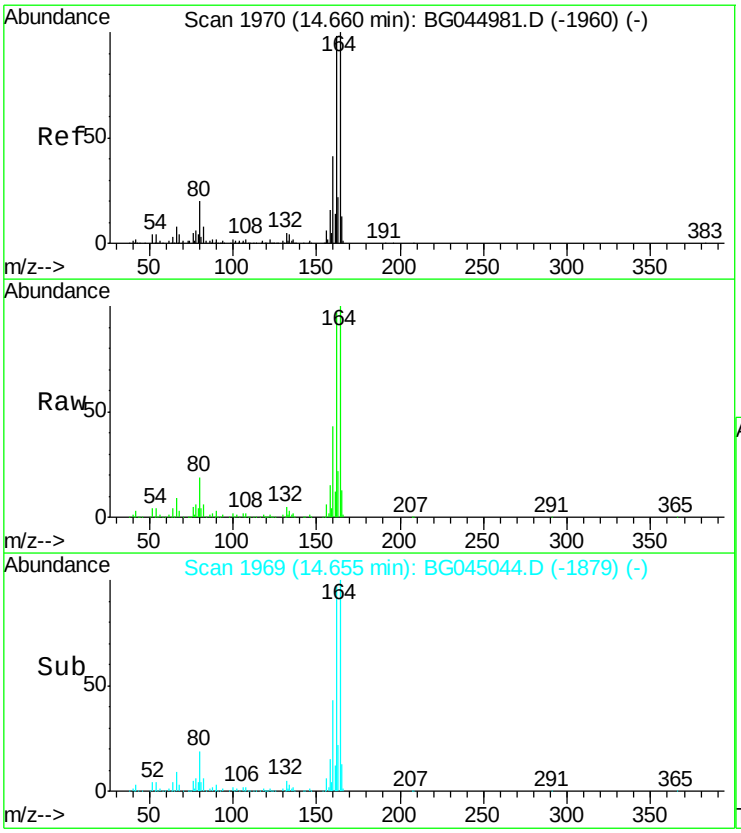
#32
Benzoic acid
Concen: 6.393 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.18 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:122 Resp: 70

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#

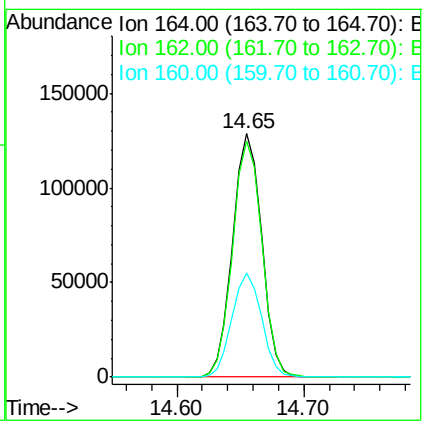


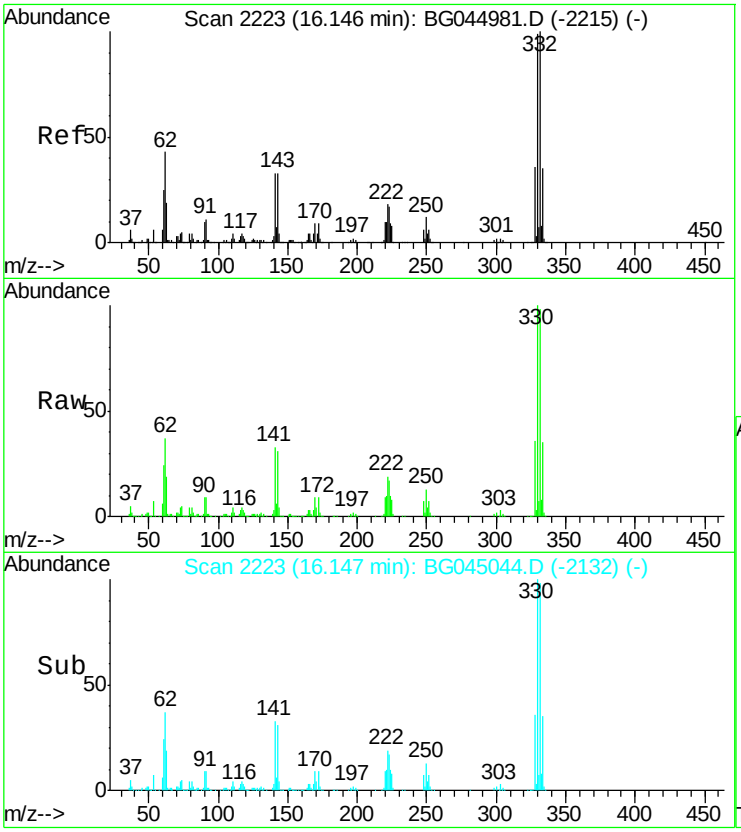


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:164 Resp: 204287

Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.7	118.1
160	42.5	32.8	49.2



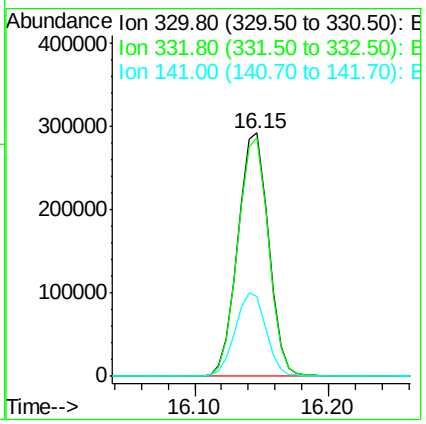


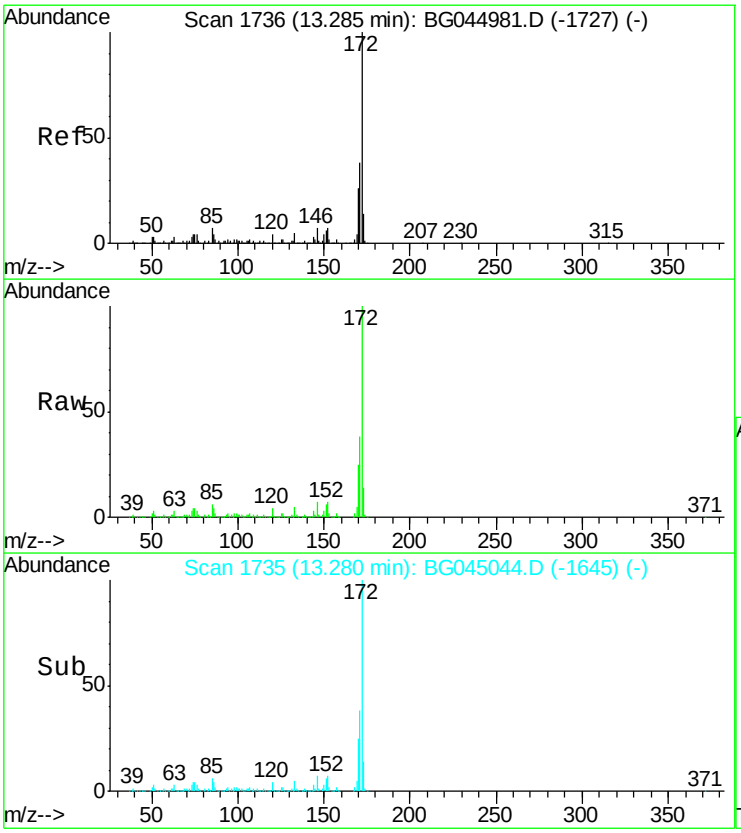
#42
2,4,6-Tribromophenol
Concen: 147.720 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:330 Resp: 466198

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	34.6	27.1	40.7

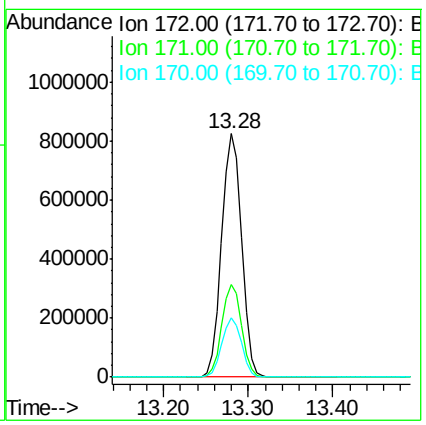


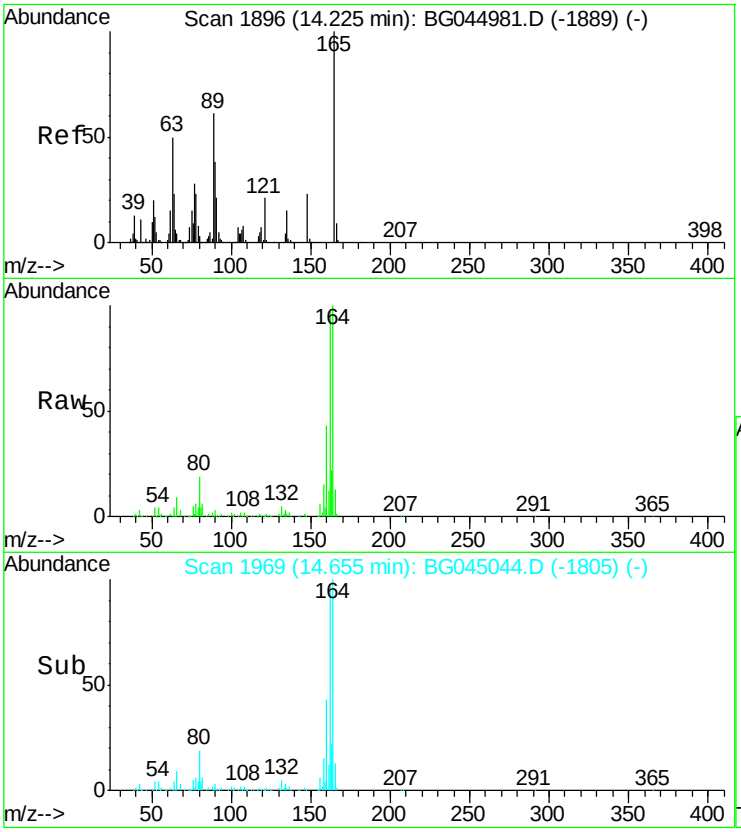


#45
2-Fluorobiphenyl
Concen: 96.644 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:172 Resp: 1346435

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.5	20.5	30.7



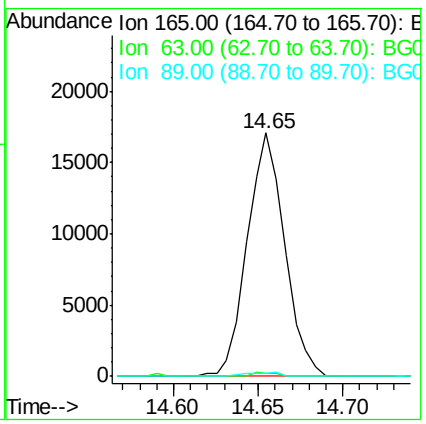


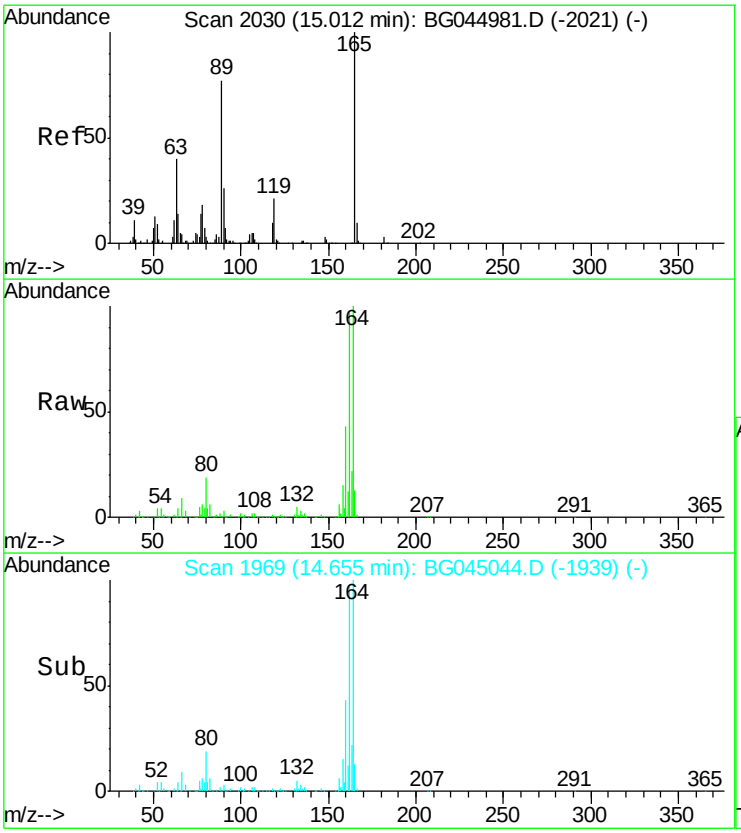
#51
2,6-Dinitrotoluene
Concen: 7.059 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:165 Resp: 26262

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.4	60.6#
89	1.2	49.1	73.7#

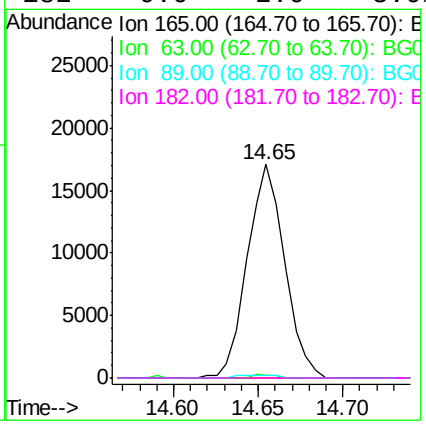


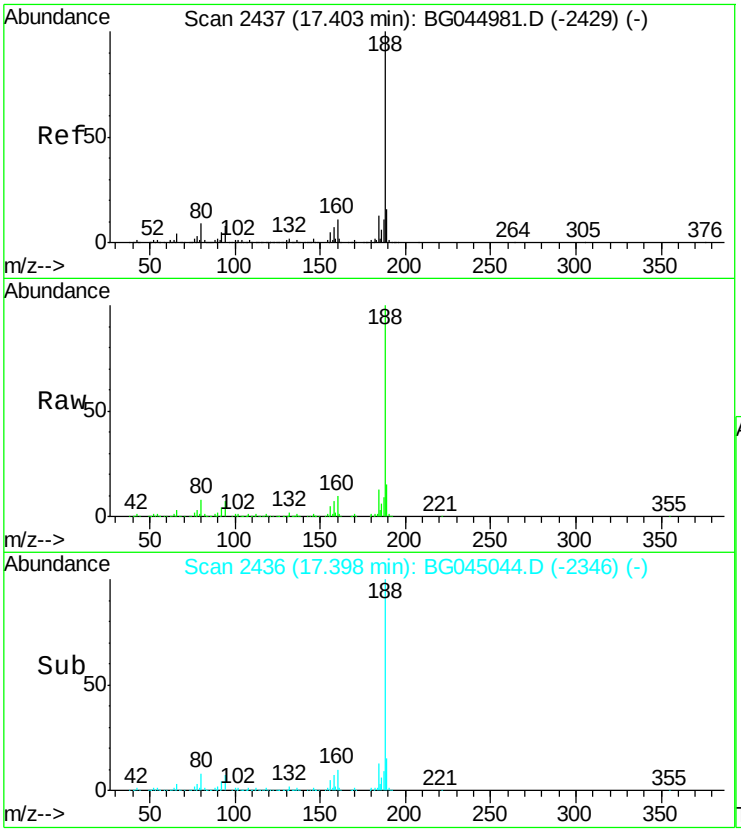


#57
2,4-Dinitrotoluene
Concen: 4.830 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.35 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:165 Resp: 26262

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.2	48.2#
89	1.2	61.7	92.5#
182	0.0	2.0	3.0#



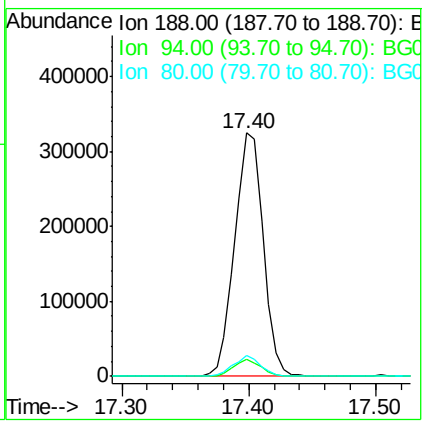


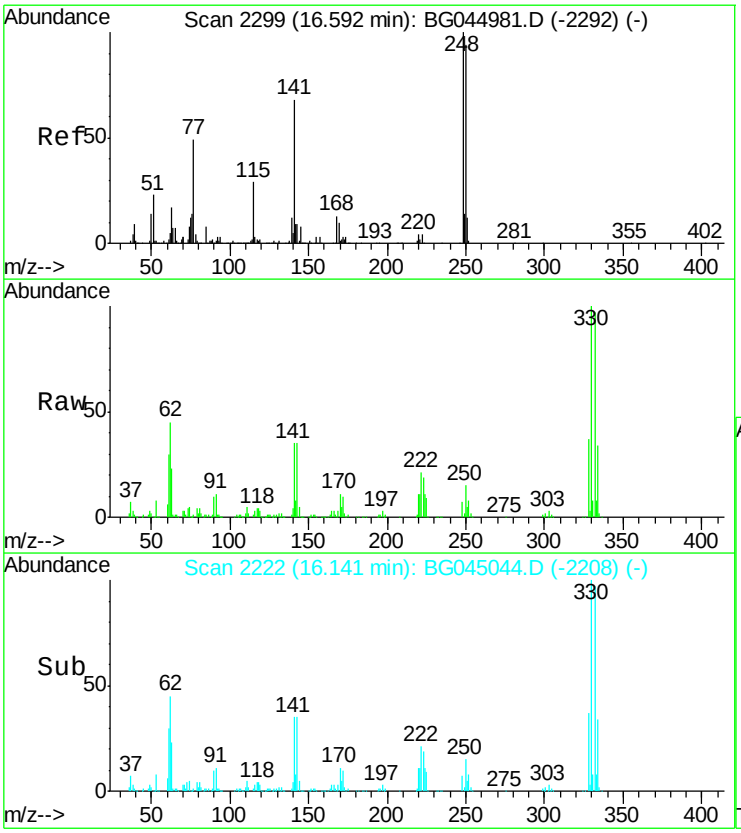
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:188 Resp: 506278

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.4	7.0	10.6

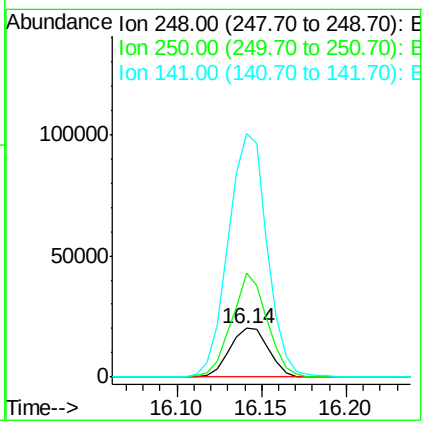


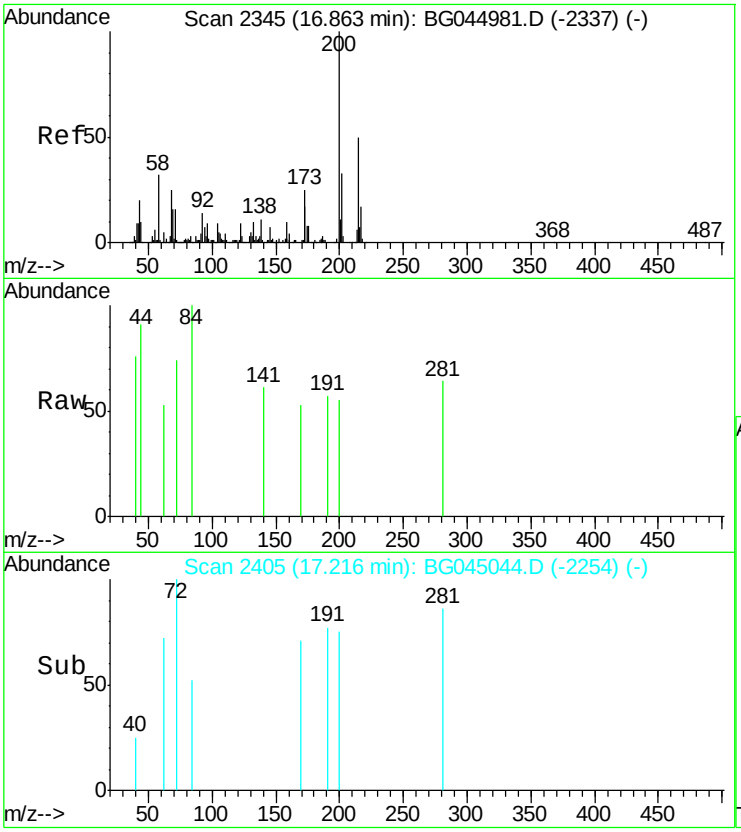


#67
4-Bromophenyl-phenylether
Concen: 4.995 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:248 Resp: 32627

Ion	Ratio	Lower	Upper
248	100		
250	212.1	75.4	113.2#
141	498.9	54.4	81.6#



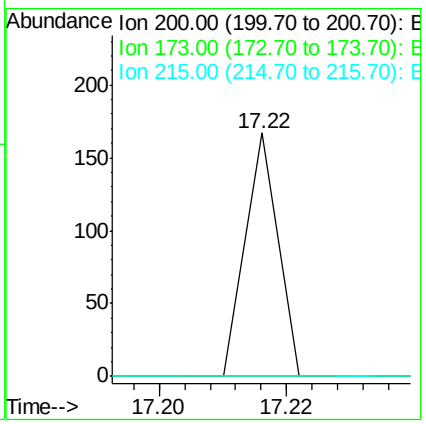


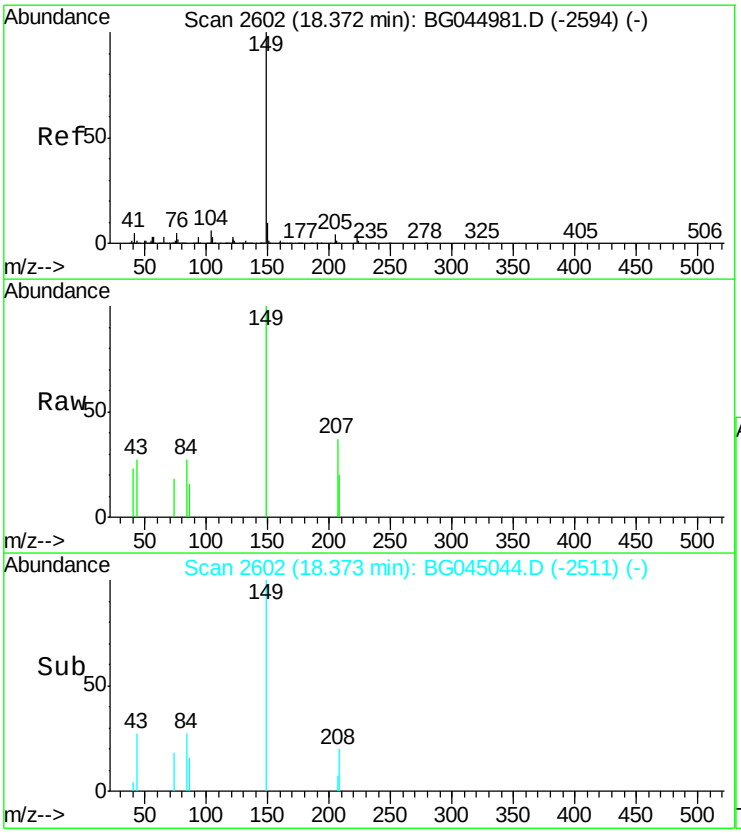
#69
Atrazine
Concen: Below Cal
RT: 17.22 min Scan# 2405
Delta R.T. 0.36 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:200 Resp: 59

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

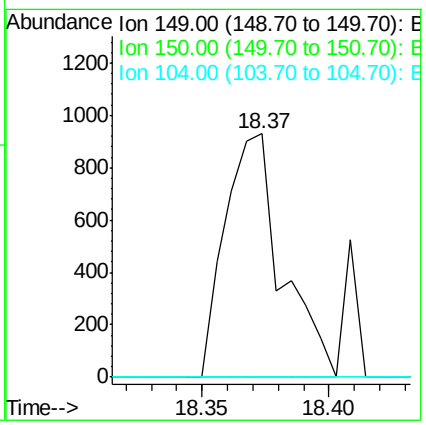


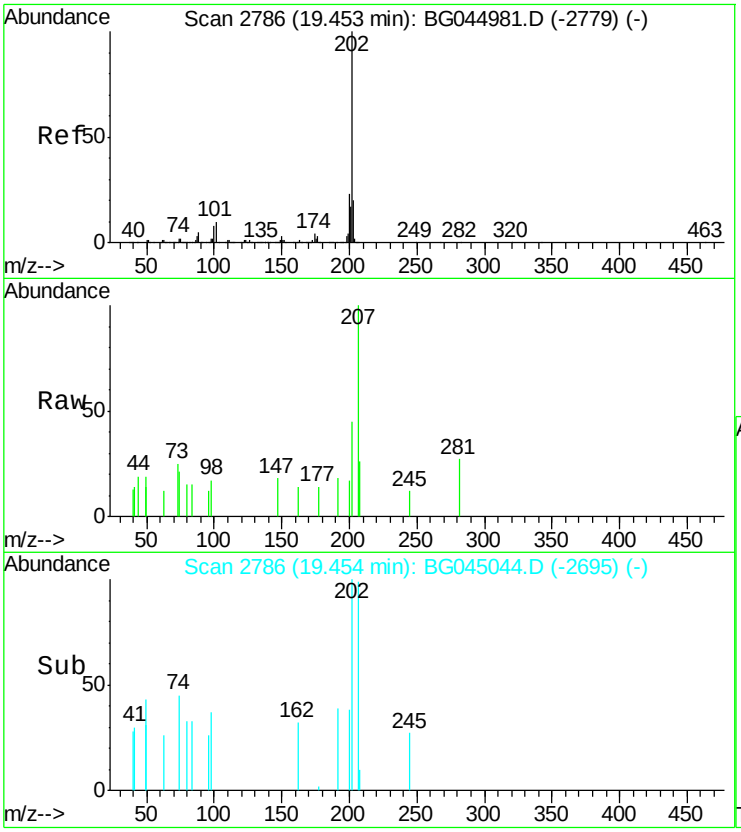


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:149 Resp: 1447

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#



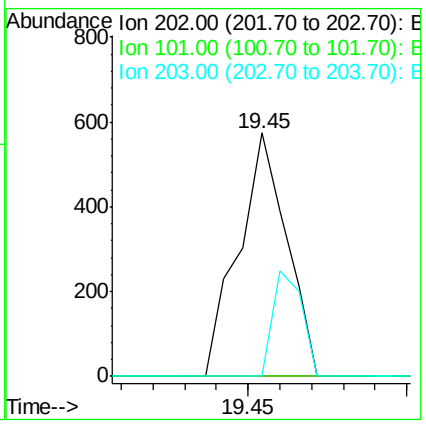


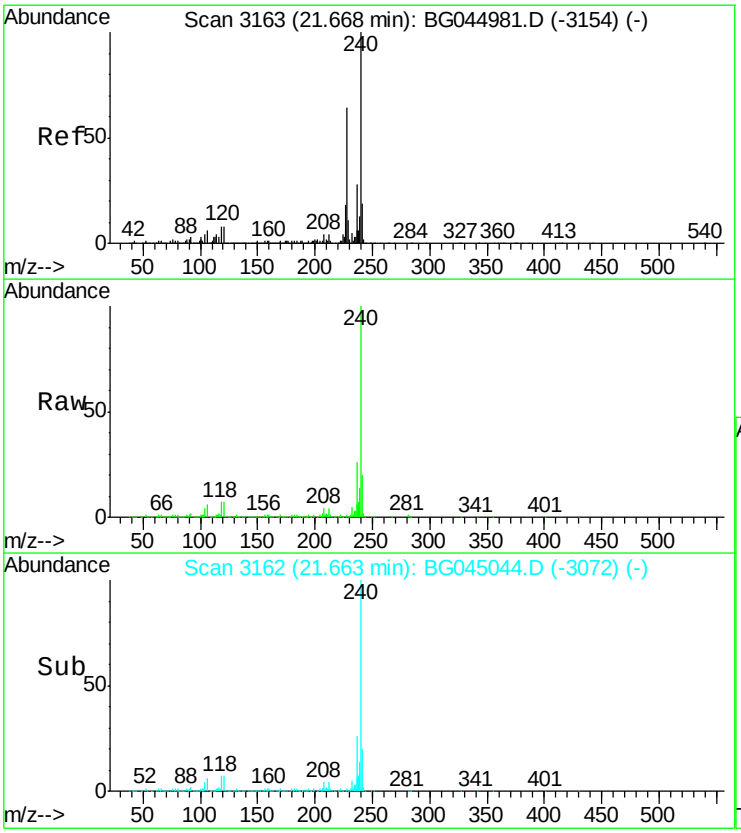
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:202 Resp: 602

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

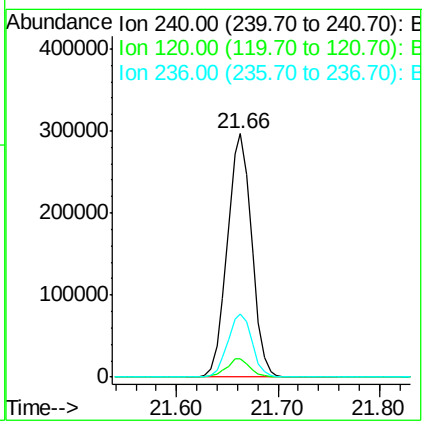


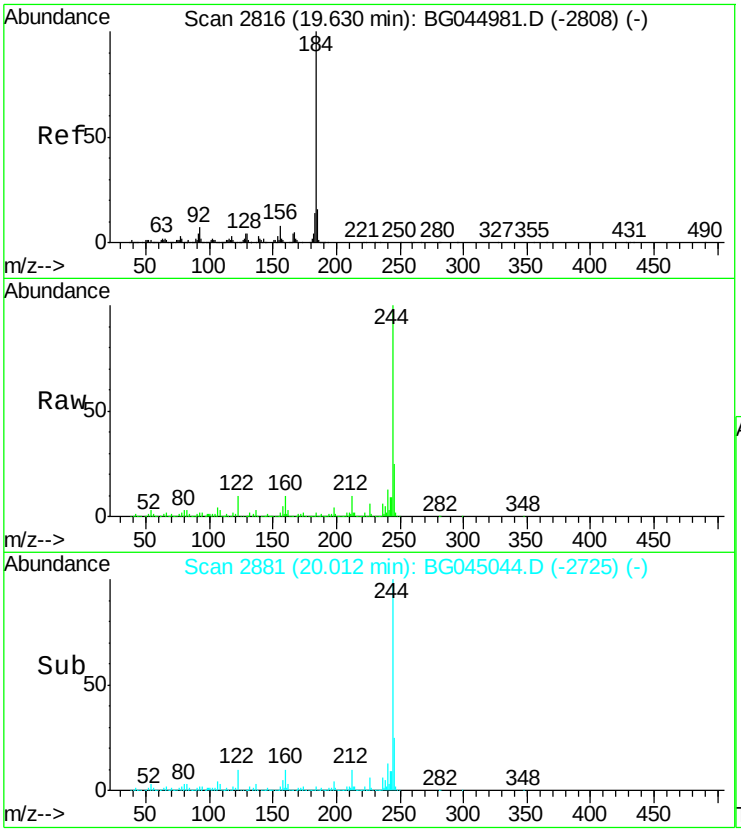


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:240 Resp: 494222

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.0	22.2	33.2



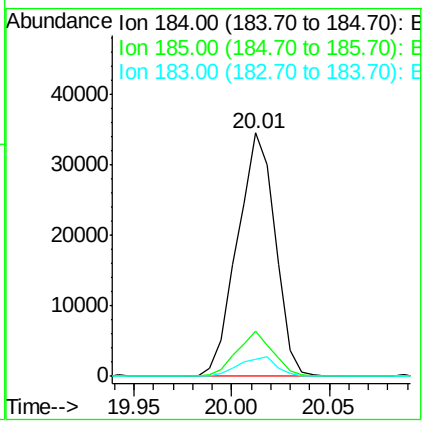


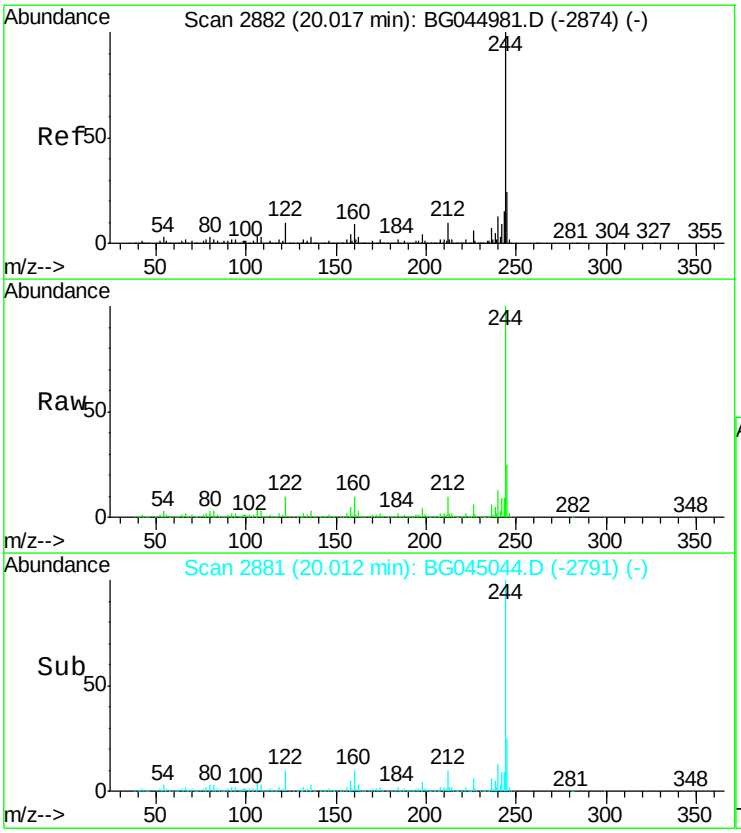
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.39 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:184 Resp: 46438

Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.6	19.0
183	7.0	11.3	16.9#

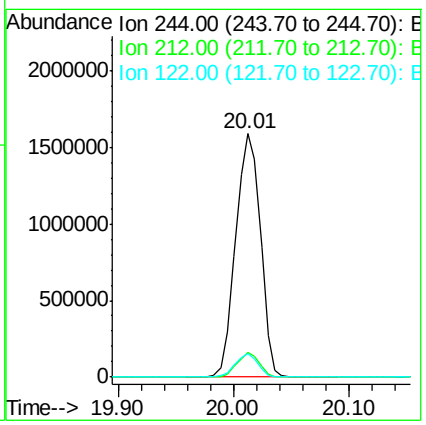


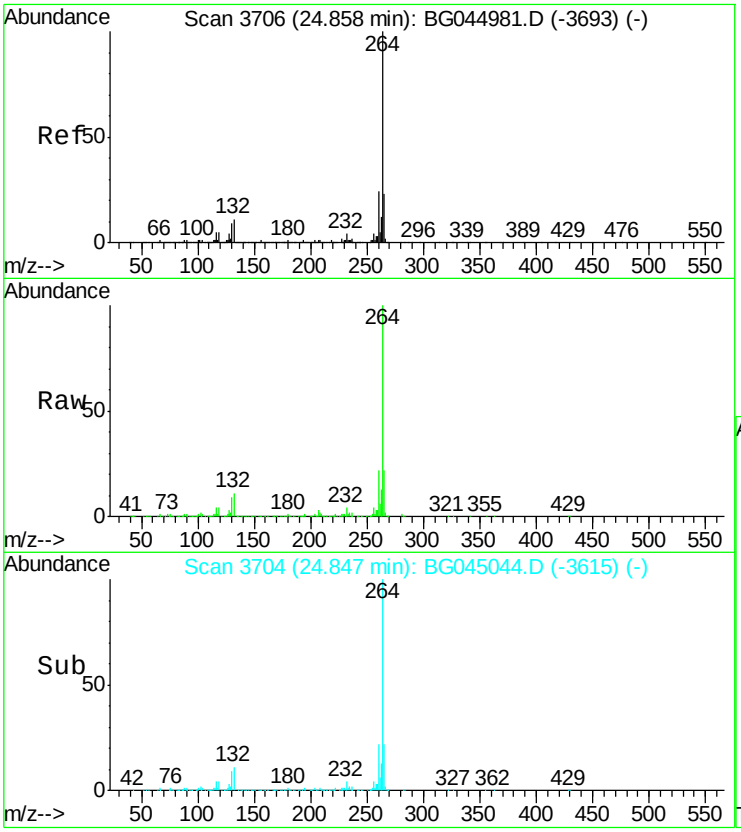


#79
Terphenyl-d14
Concen: 103.975 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion:244 Resp: 2357656

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	9.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Instrument :
BNA_G
ClientSampleId :
PB128315BL

Tgt Ion:264 Resp: 514582

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.9	19.0	28.4