Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045082.D
Acq On : 19 Apr 2020 1:00
Operator : CG/JU
Sample : L2283-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PA-2

Quant Time: Apr 20 00:26:59 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	8.03	152	72690	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	320540	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	229597	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	479365	20.00	ng	0.00
76) Chrysene-d12	21.67	240	418832	20.00	ng	0.00
87) Perylene-d12	24.86	264	454548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	370319	84.11	ng	0.01
7) Phenol-d6	7.20	99	599514	91.65	ng	0.02
23) Nitrobenzene-d5	9.18	82	400174	56.96	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	309549	87.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	989501	63.19	ng	0.00
79) Terphenyl-d14	20.02	244	1368333	71.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	75	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	55262	11.945	ng	# 79
32) Benzoic acid	10.24	122	66	6.388	ng	# 63
50) Dimethylphthalate	14.11	163	134286	7.183	ng	# 97
57) 2,4-Dinitrotoluene	14.66	165	28982	4.743	ng	# 23
67) 4-Bromophenyl-phenylether	16.14	248	20991	3.394	ng	# 1
69) Atrazine	16.87	200	172	Below Cal	#	24
74) Di-n-butylphthalate	18.37	149	979	Below Cal	#	1
75) Fluoranthene	19.46	202	1129	Below Cal	#	1
77) Benzidine	19.72	184	852	Below Cal	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045082.D
Acq On : 19 Apr 2020 1:00
Operator : CG/JU
Sample : L2283-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
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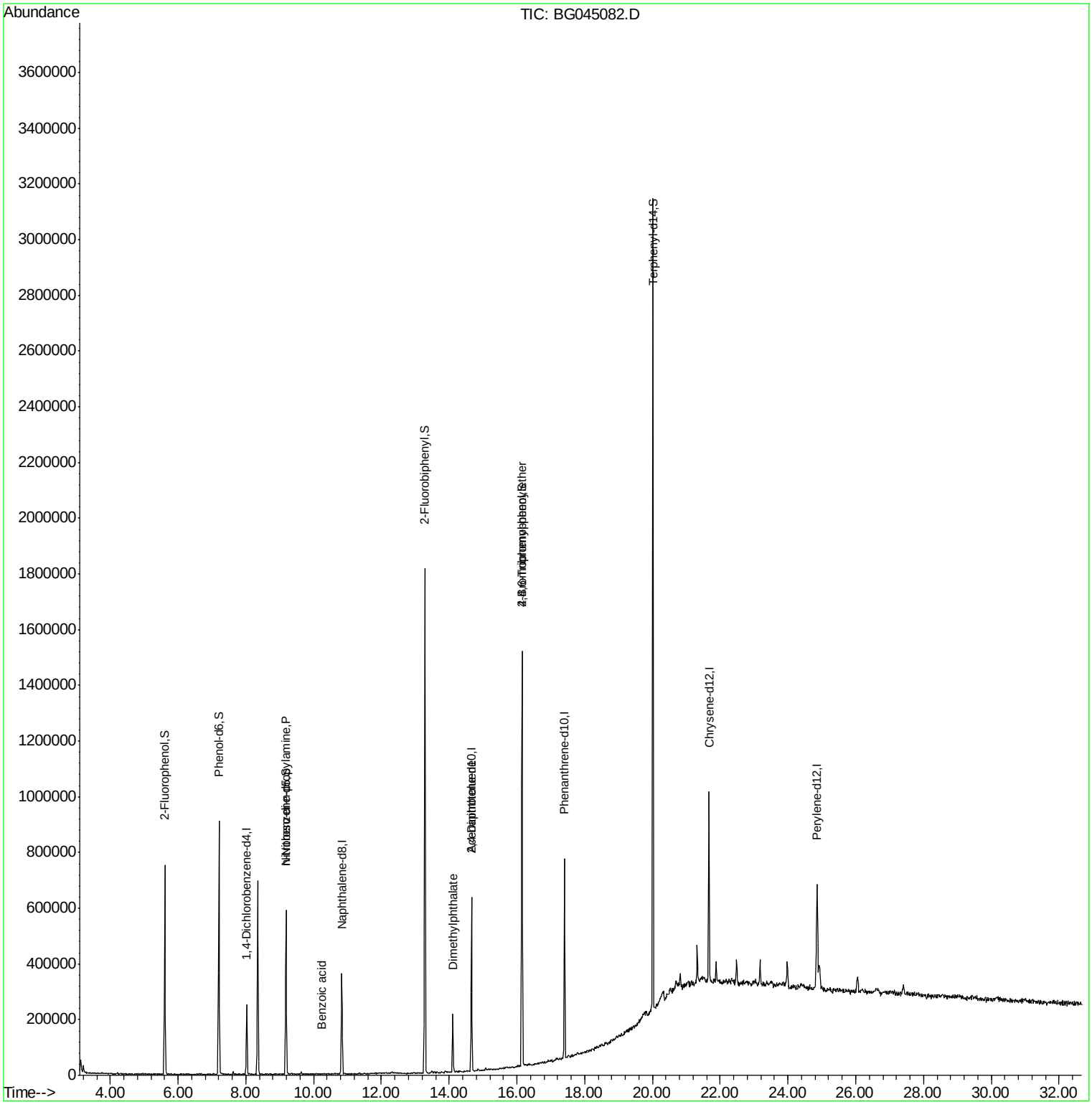
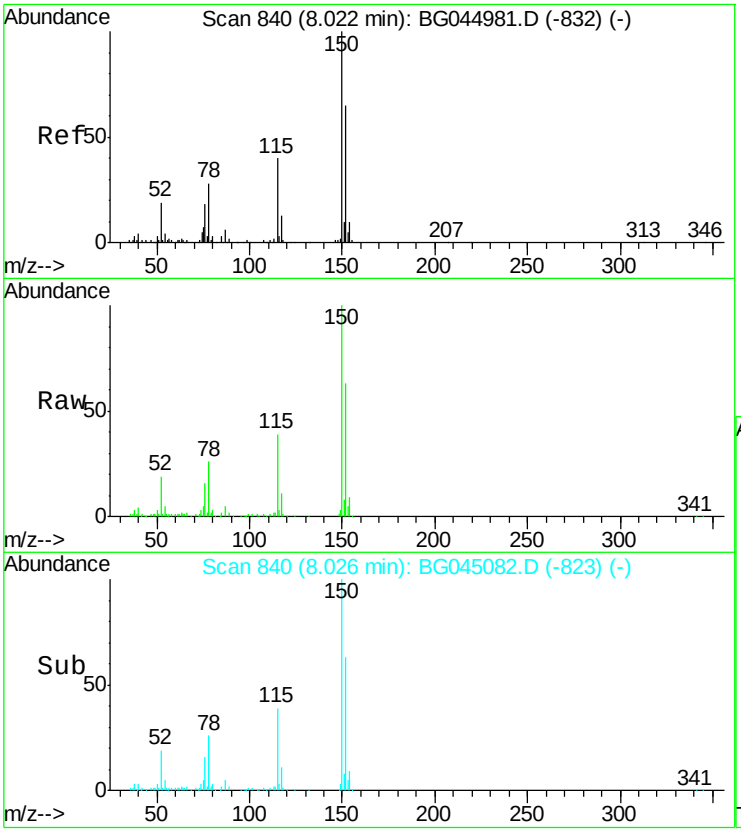
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration



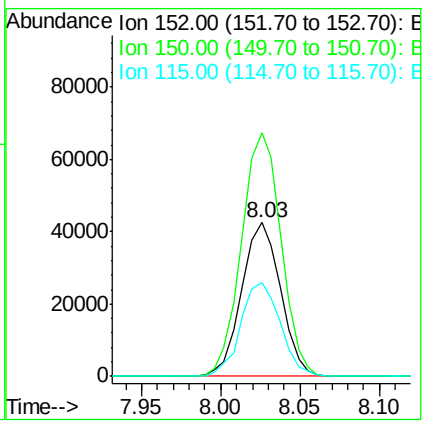


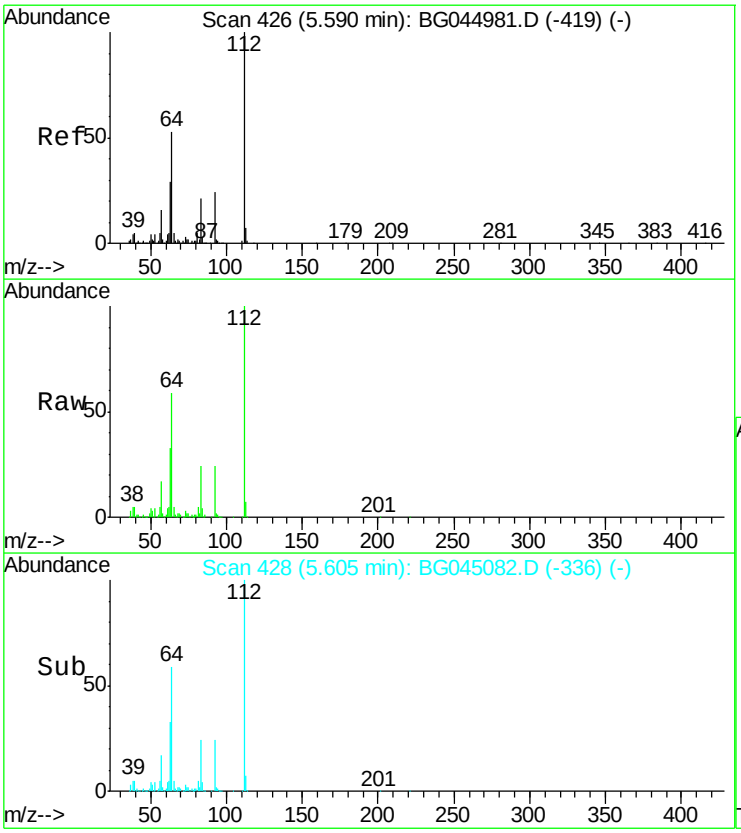
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:152 Resp: 72690

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.6	185.4
115	61.2	49.1	73.7

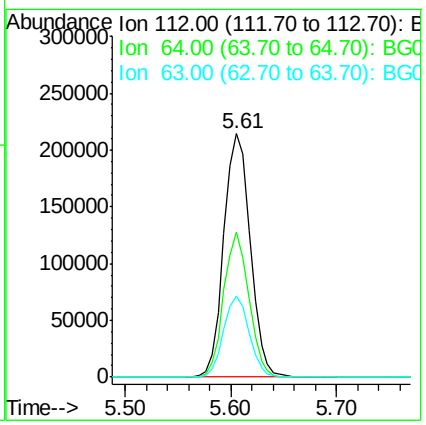


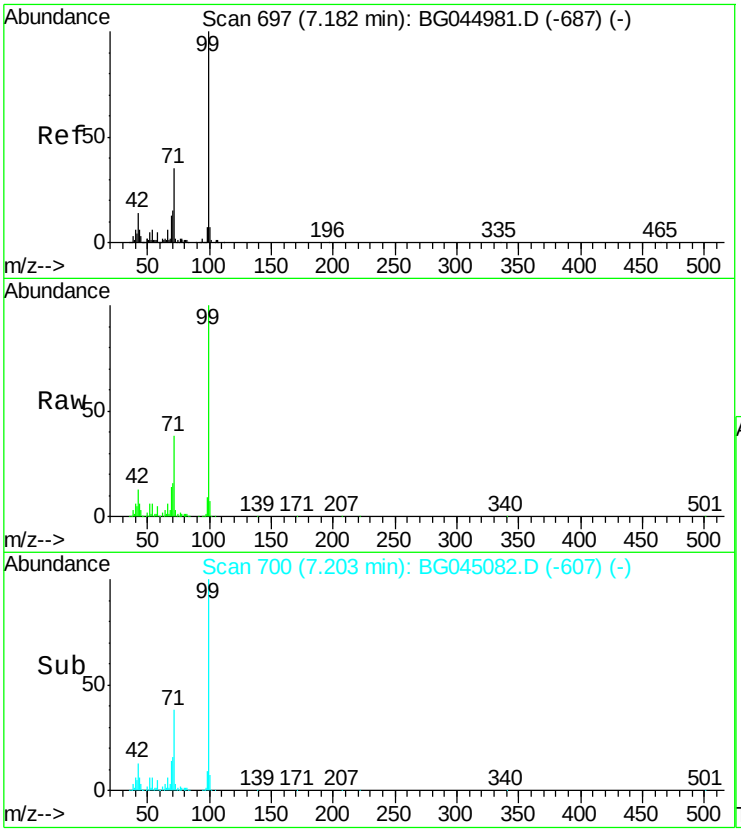


#5
2-Fluorophenol
Concen: 84.107 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:112 Resp: 370319

Ion	Ratio	Lower	Upper
112	100		
64	59.5	42.4	63.6
63	33.1	23.1	34.7



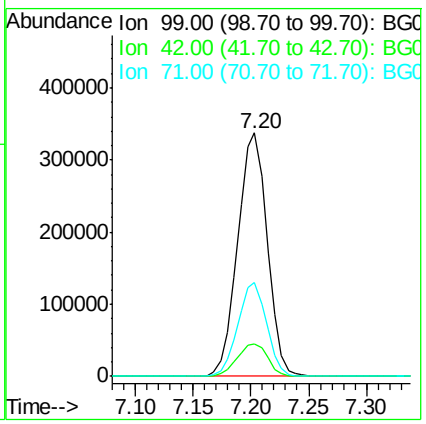


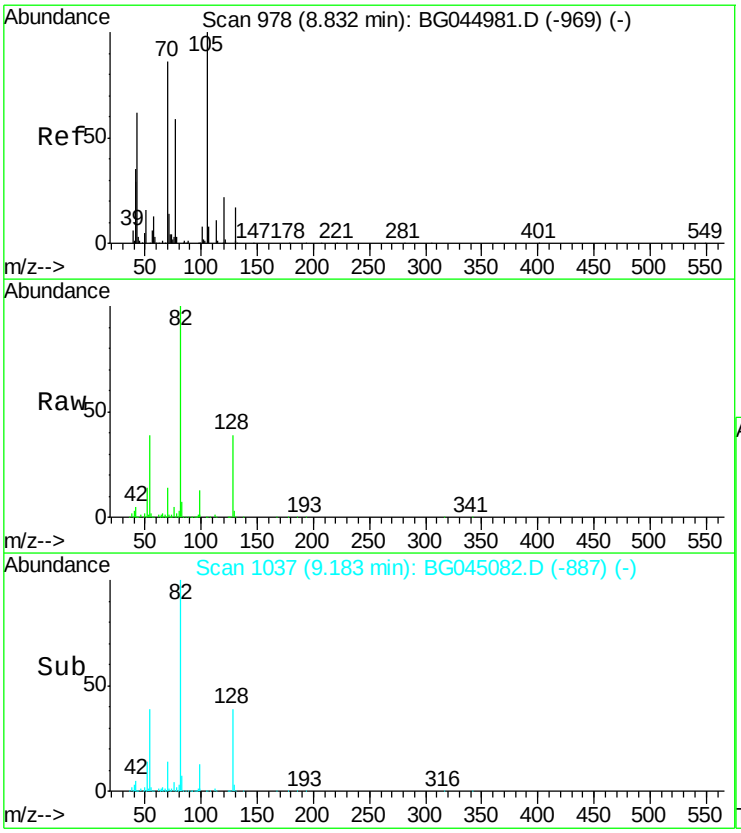
#7
Phenol-d6
Concen: 91.646 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.02 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion: 99 Resp: 599514

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.3	16.9
71	38.4	28.3	42.5

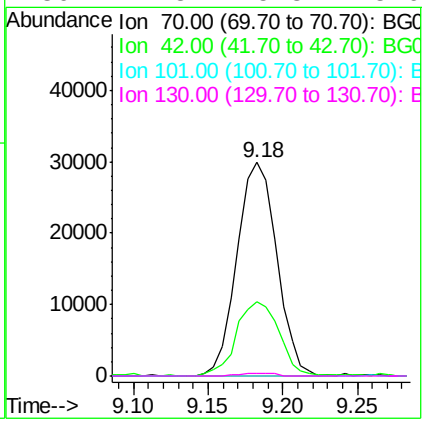


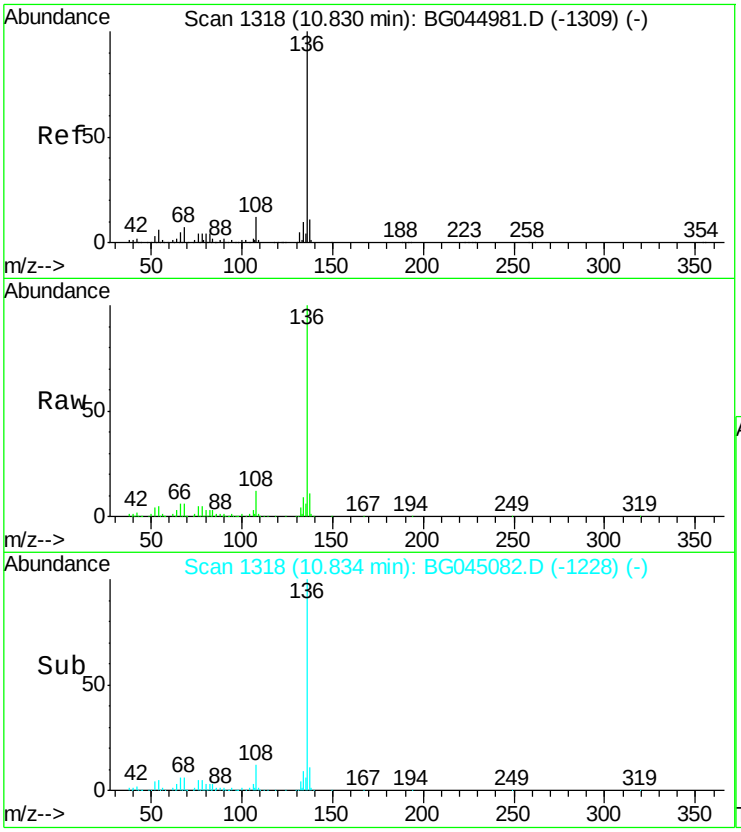


#19
n-Nitroso-di-n-propylamine
Concen: 11.945 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion: 70 Resp: 55262

Ion	Ratio	Lower	Upper
70	100		
42	34.6	33.3	49.9
101	0.0	7.8	11.8#
130	1.3	15.8	23.6#



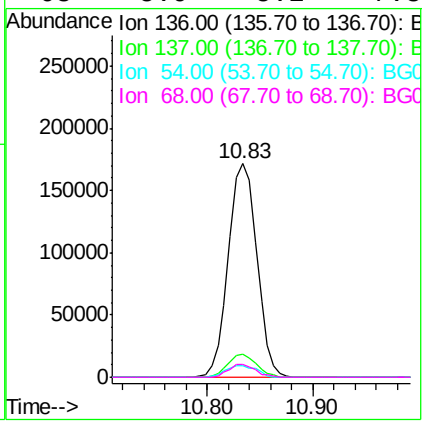


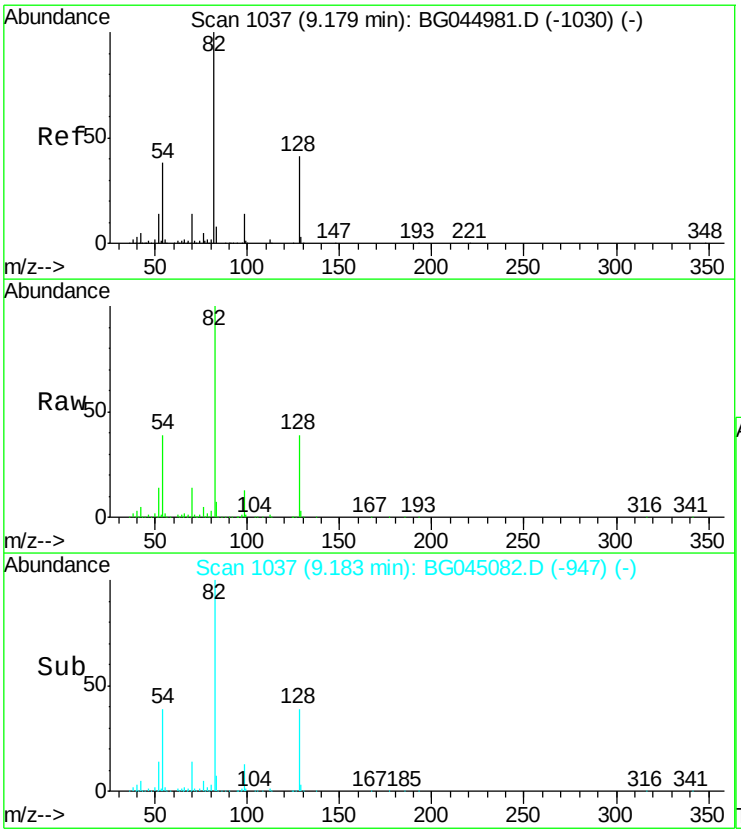
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:136 Resp: 320540

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.4	4.8	7.2
68	5.9	5.2	7.8

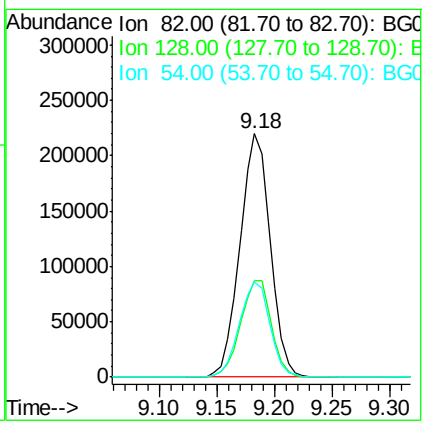


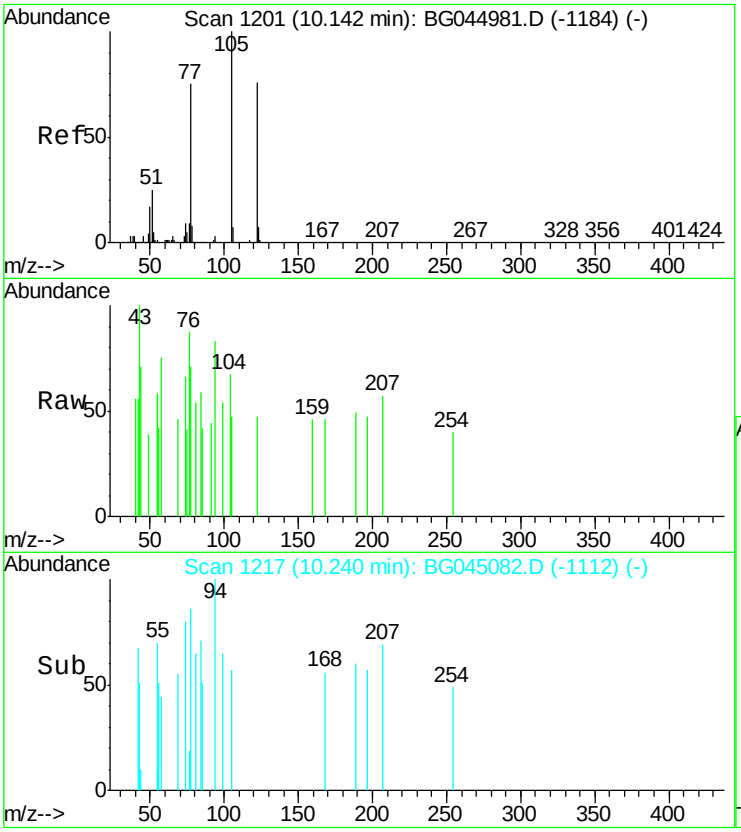


#23
Nitrobenzene-d5
Concen: 56.965 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion: 82 Resp: 400174

Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.0	49.4
54	39.2	30.4	45.6



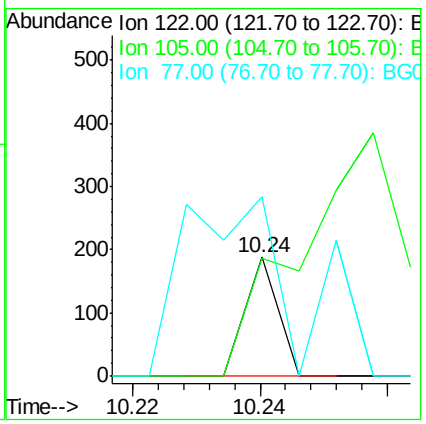


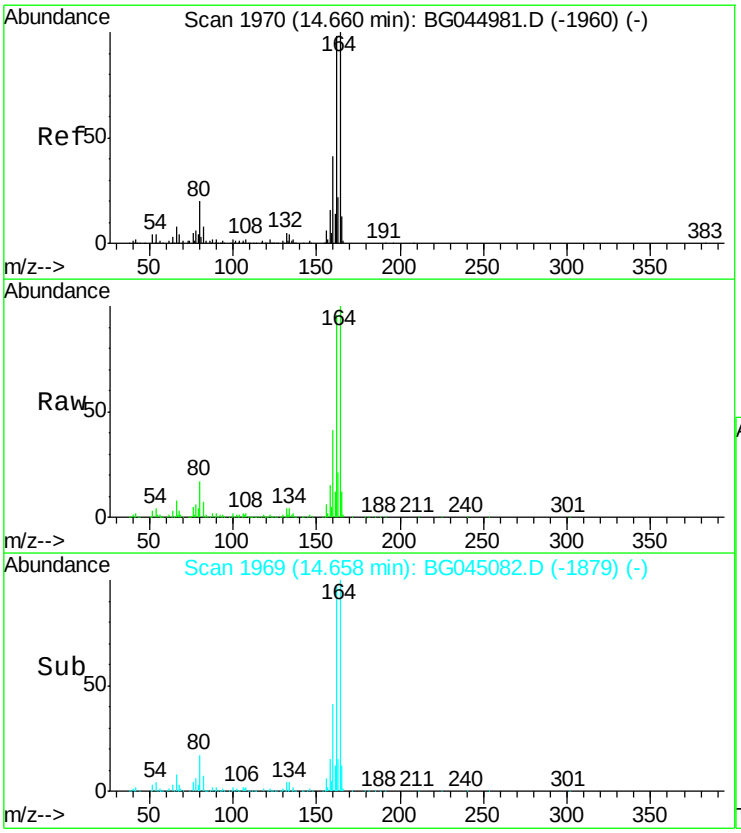
#32
Benzoic acid
Concen: 6.388 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.09 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	98.9	108.4	148.4#
77	150.5	78.8	118.8#

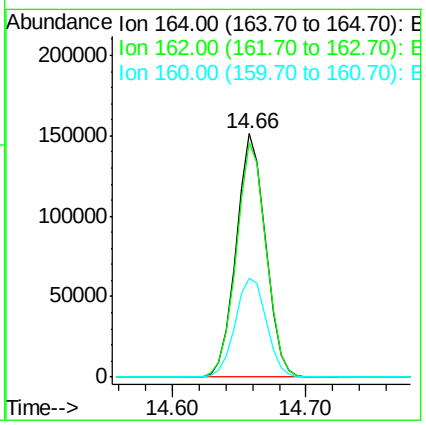


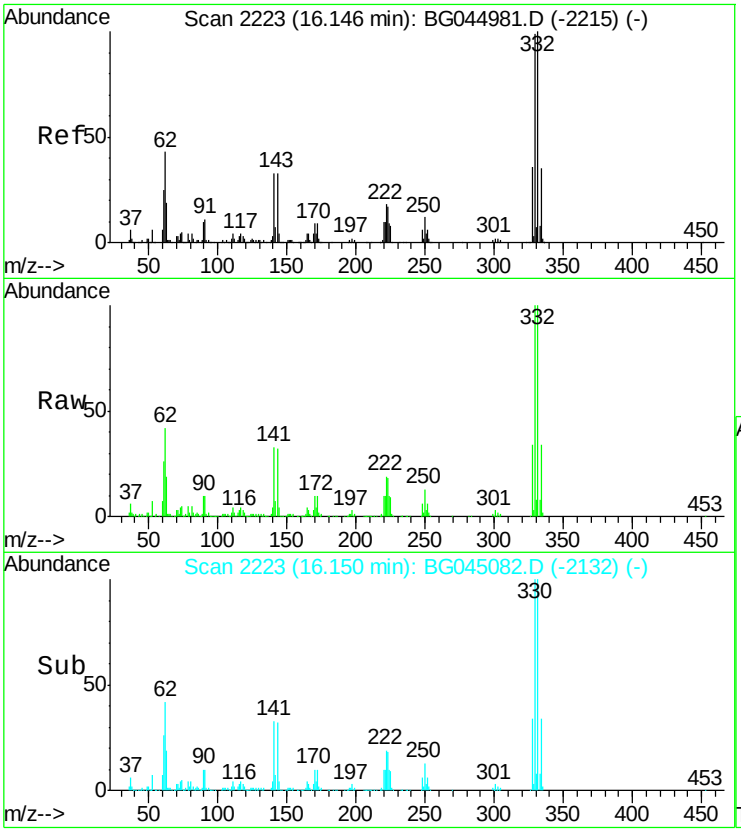


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:164 Resp: 229597

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.7	118.1
160	40.6	32.8	49.2



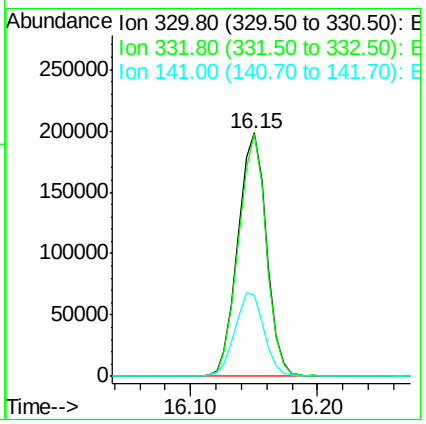


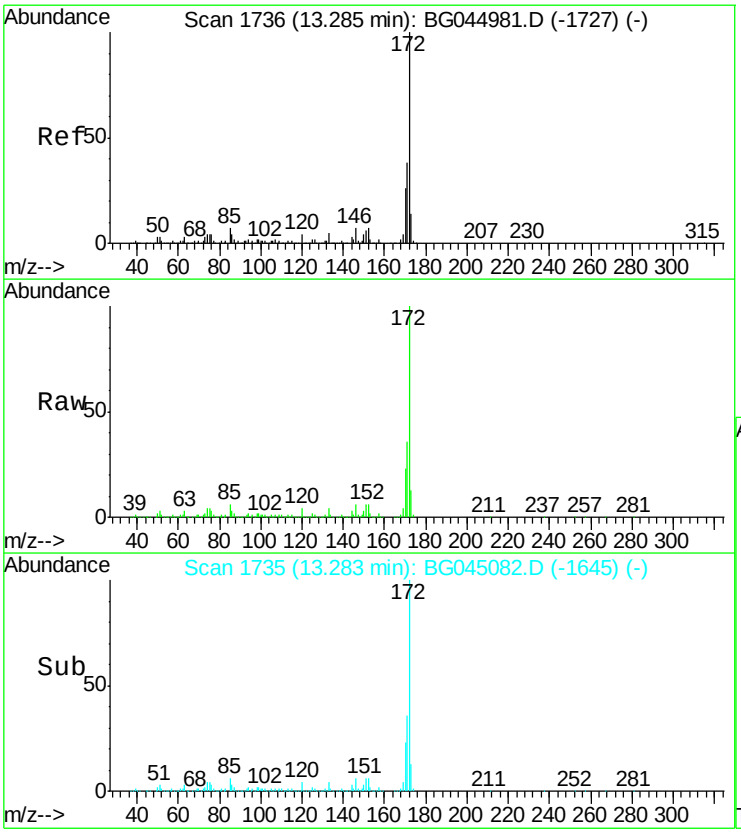
#42
2,4,6-Tribromophenol
Concen: 87.271 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:330 Resp: 309549

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	35.2	27.1	40.7

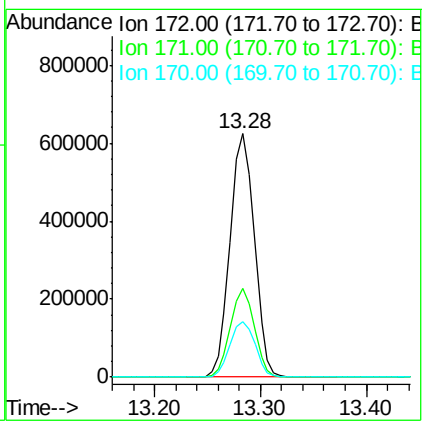


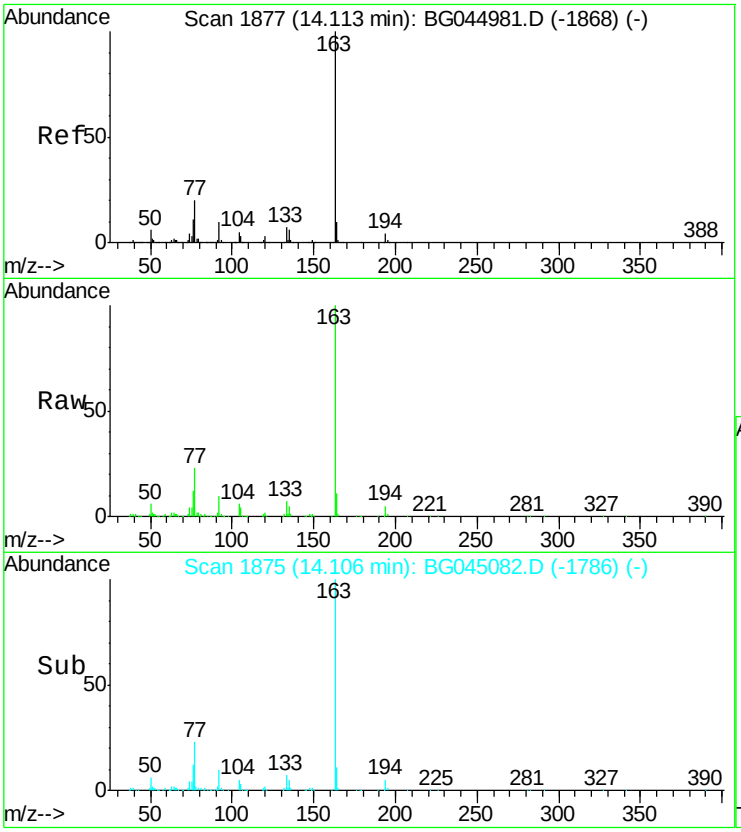


#45
2-Fluorobiphenyl
Concen: 63.194 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:172 Resp: 989501

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	22.7	20.5	30.7



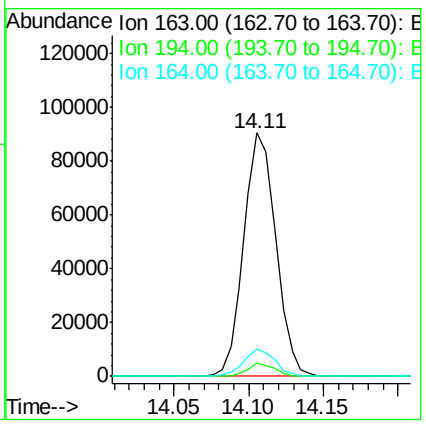


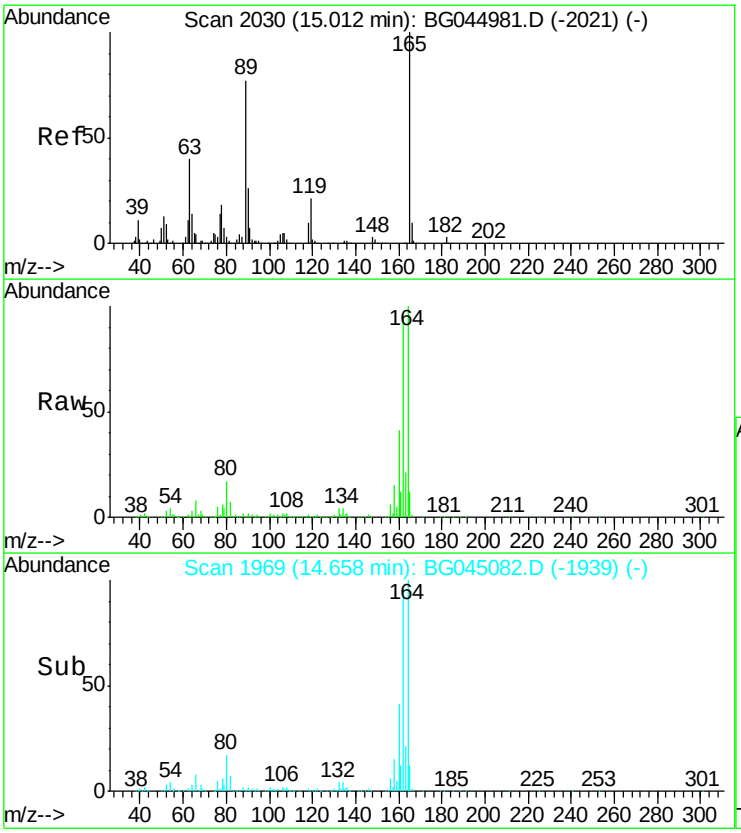
#50
Dimethylphthalate
Concen: 7.183 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:163 Resp: 134286

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.5	5.3#
164	11.2	8.2	12.4

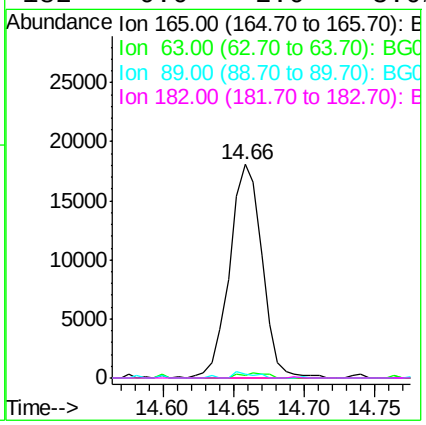


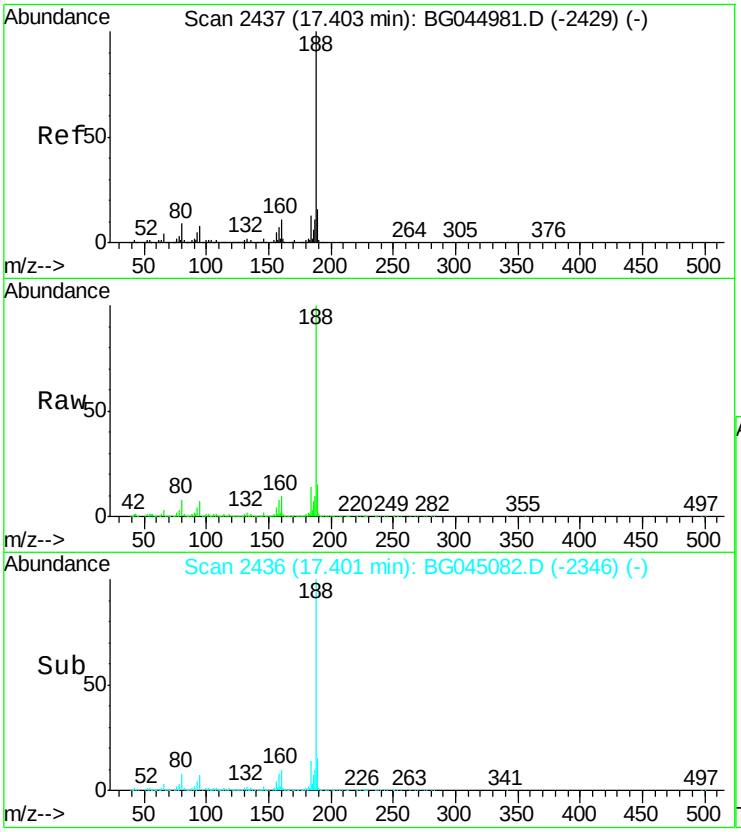


#57
2,4-Dinitrotoluene
Concen: 4.743 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.35 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:165 Resp: 28982

Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.2	48.2#
89	1.9	61.7	92.5#
182	0.0	2.0	3.0#



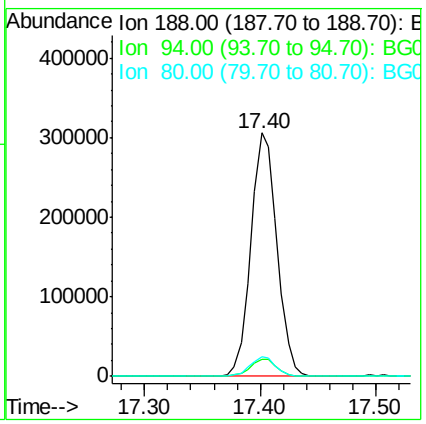


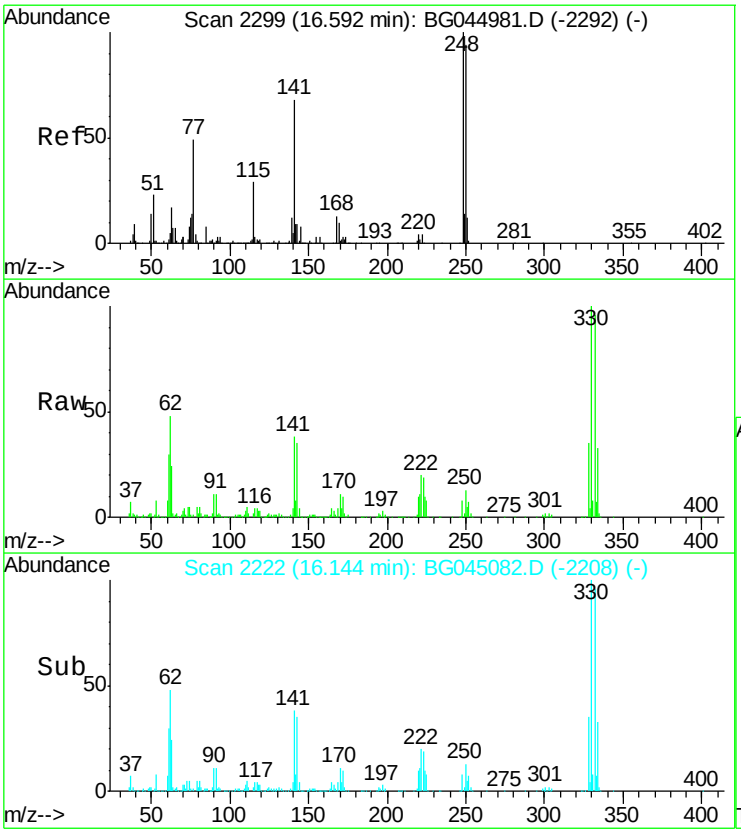
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:188 Resp: 479365

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.1	7.0	10.6

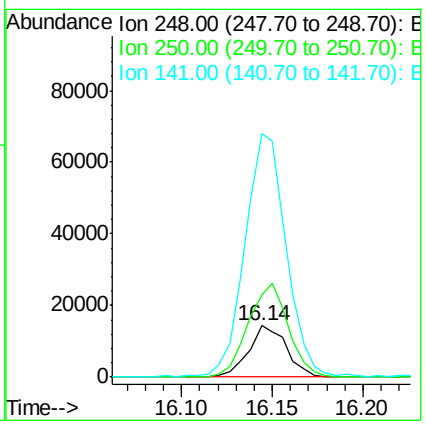


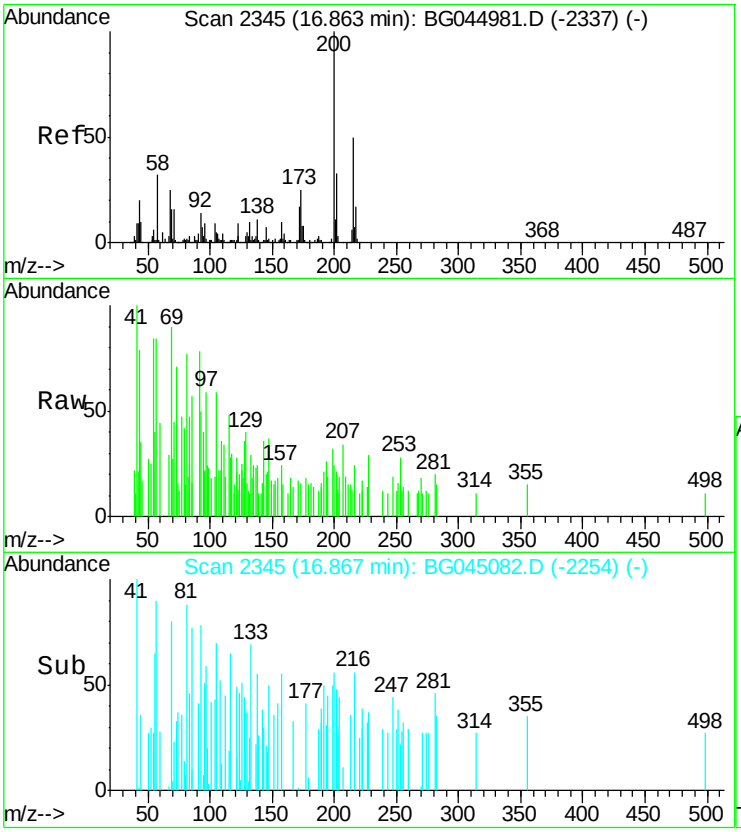


#67
4-Bromophenyl-phenylether
Concen: 3.394 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:248 Resp: 20991

Ion	Ratio	Lower	Upper
248	100		
250	160.7	75.4	113.2#
141	473.4	54.4	81.6#



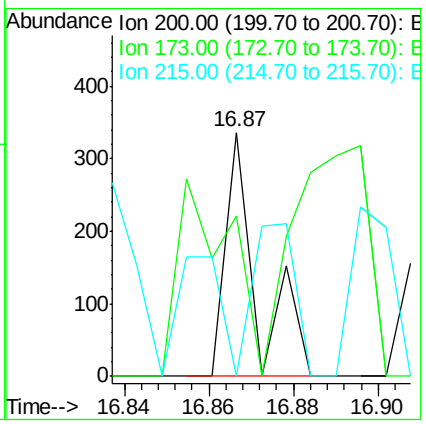


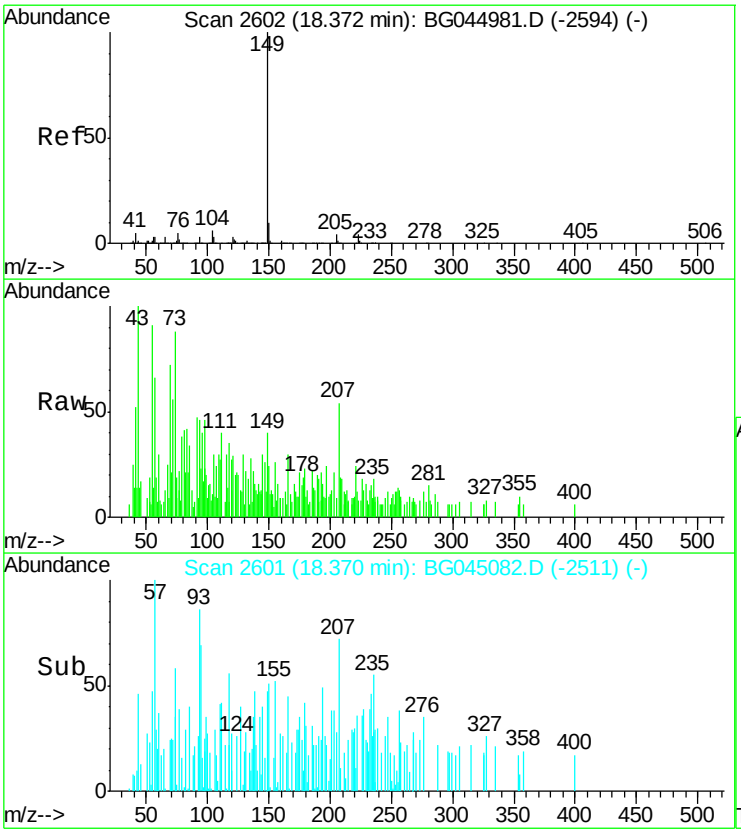
#69
Atrazine
Concen: Below Cal
RT: 16.87 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:200 Resp: 172

Ion	Ratio	Lower	Upper
200	100		
173	66.1	4.5	44.5#
215	0.0	30.0	70.0#

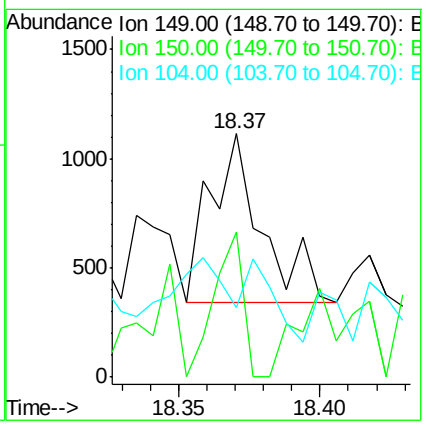


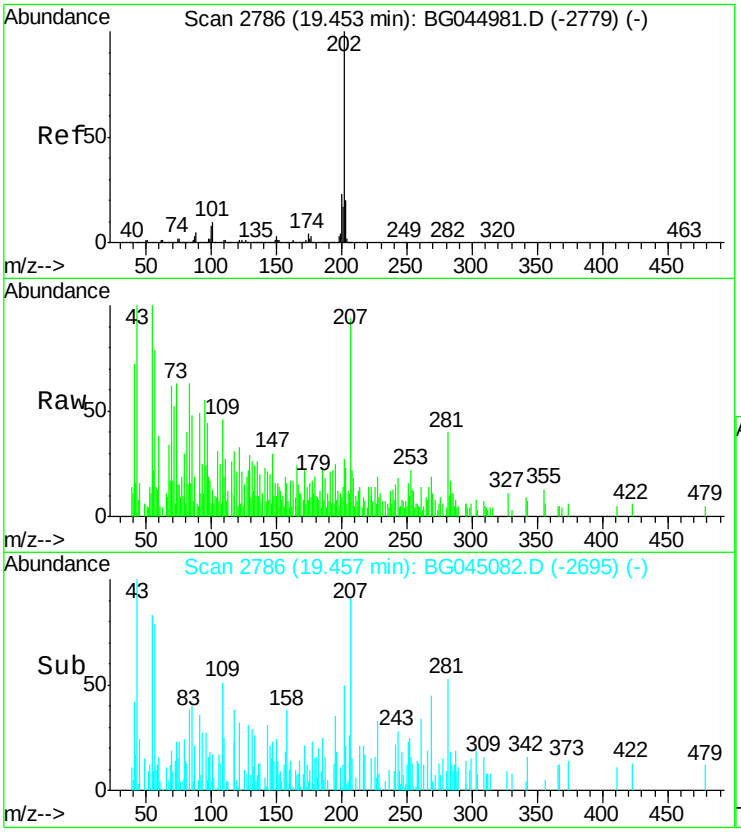


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:149 Resp: 979

Ion	Ratio	Lower	Upper
149	100		
150	59.8	8.2	12.2#
104	28.6	4.8	7.2#



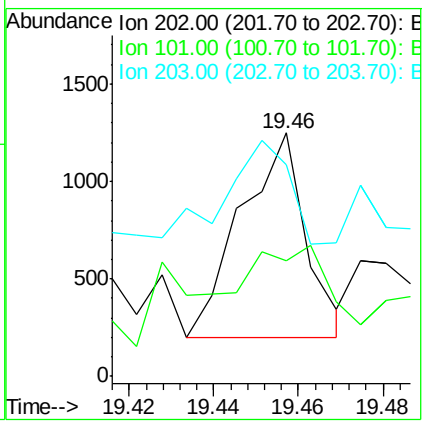


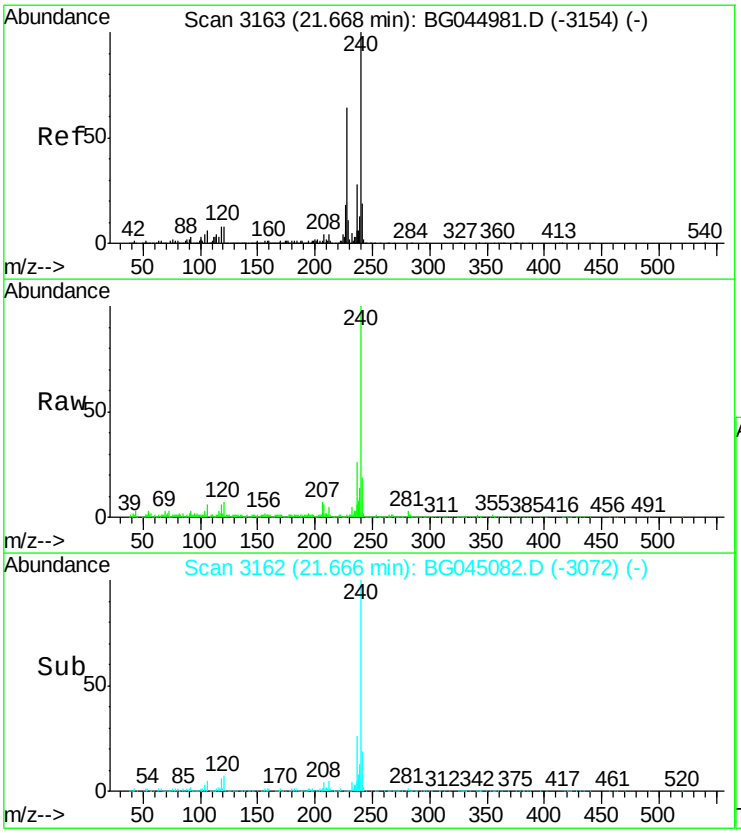
#75
Fluoranthene
Concen: Below Cal
RT: 19.46 min Scan# 2786
Delta R.T. 0.01 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:202 Resp: 1129

Ion	Ratio	Lower	Upper
202	100		
101	47.4	0.0	29.6#
203	86.8	0.0	39.7#

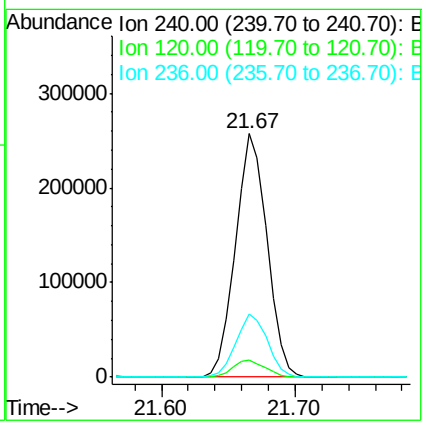


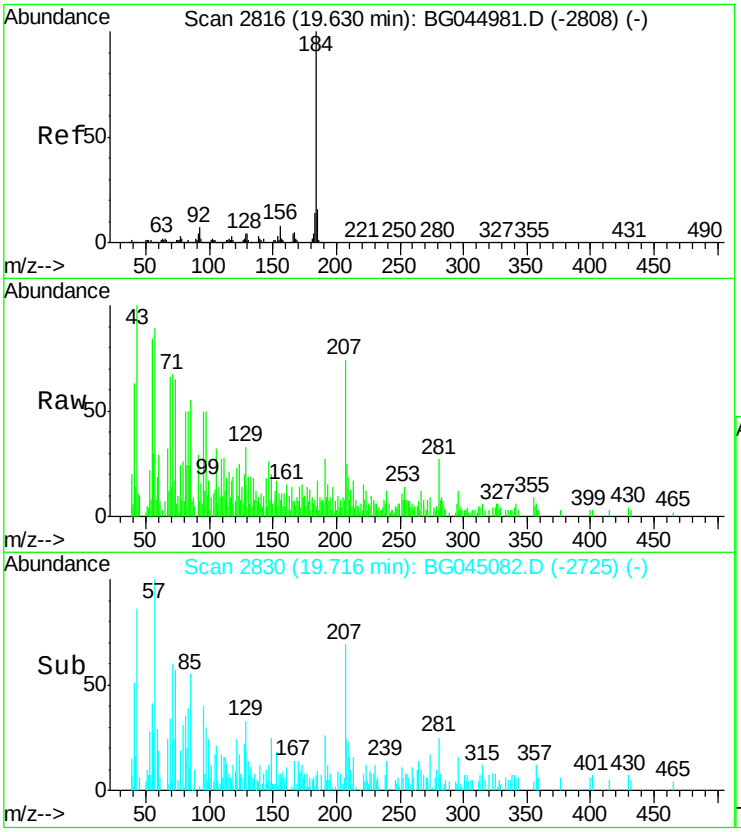


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:240 Resp: 418832

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	25.9	22.2	33.2



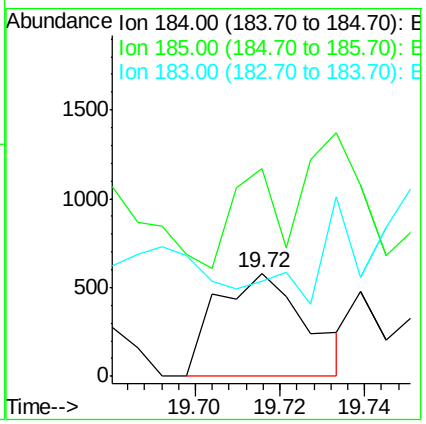


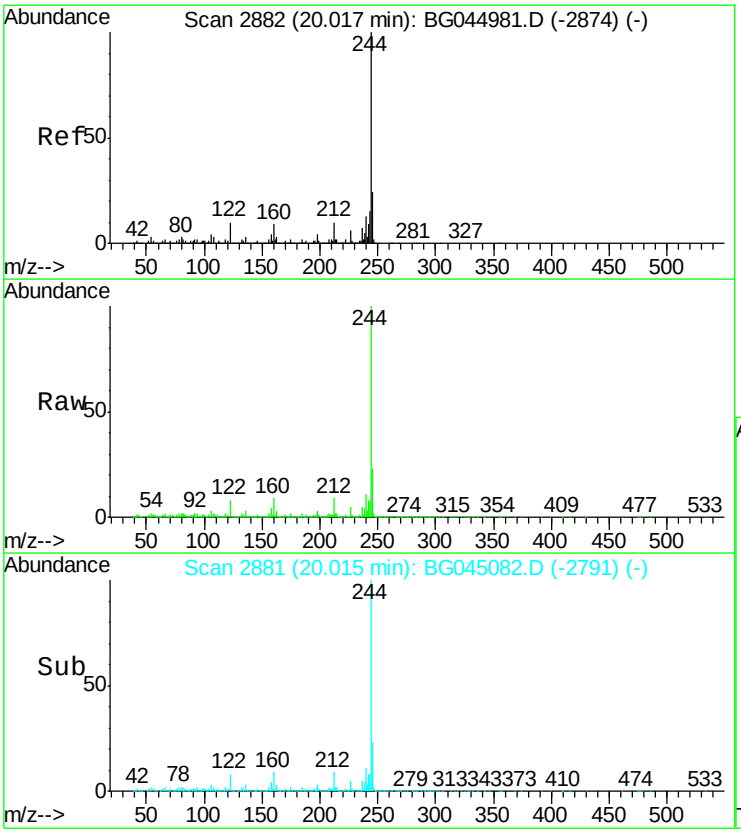
#77
Benzidine
Concen: Below Cal
RT: 19.72 min Scan# 2830
Delta R.T. 0.09 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:184 Resp: 852

Ion	Ratio	Lower	Upper
184	100		
185	201.4	12.6	19.0#
183	91.9	11.3	16.9#

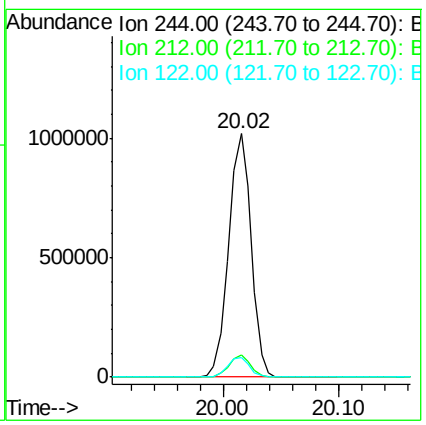


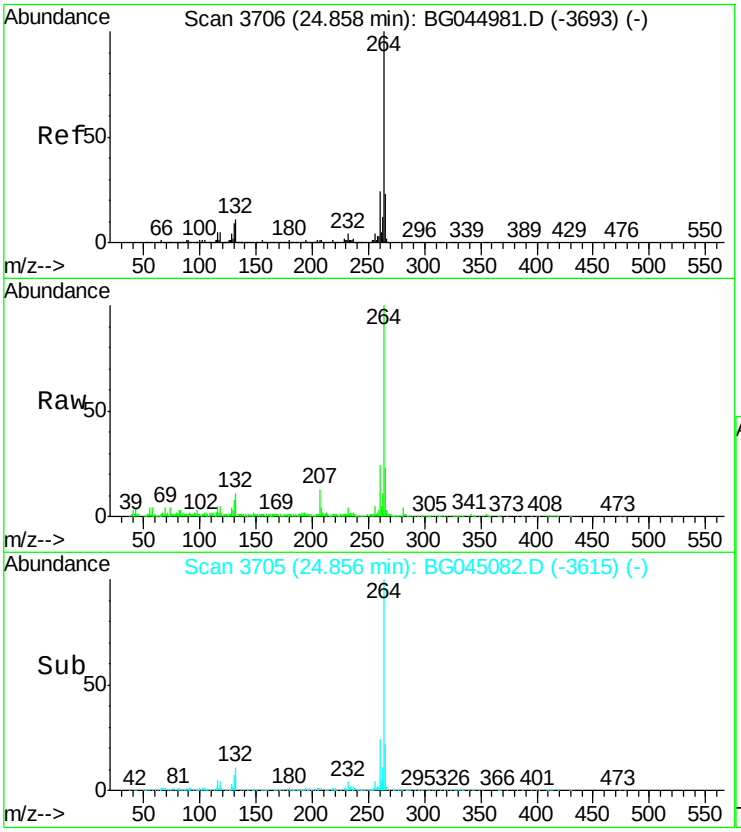


#79
Terphenyl-d14
Concen: 71.207 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Tgt Ion:244 Resp: 1368333

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	8.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BG045082.D
Acq: 19 Apr 2020 1:00

Instrument :
BNA_G
ClientSampleId :
PA-2

Tgt Ion:264 Resp: 454548

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.7	19.0	28.4