Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Time: Apr 23 15:51:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 15:21:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78141	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	297132	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	203590	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	414696	20.00	ng	0.00
76) Chrysene-d12	21.65	240	415019	20.00	ng	0.00
87) Perylene-d12	24.83	264	496205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	452081	95.51	ng	0.00
7) Phenol-d6	7.17	99	650799	92.55	ng	0.00
23) Nitrobenzene-d5	9.16	82	450177	69.13	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	307247	97.69	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1004165	72.32	ng	0.00
79) Terphenyl-d14	20.01	244	1452892	76.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.12	77	110	Below Cal	#	4
18) Hexachloroethane	9.12	117	7470	3.327	ng #	1
32) Benzoic acid	10.14	122	522	6.497	ng #	42
38) 1-Methylnaphthalene	12.69	142	84837	7.123	ng #	98
50) Dimethylphthalate	14.09	163	164822	9.943	ng #	88
51) 2,6-Dinitrotoluene	14.21	165	9183	2.477	ng #	72
56) 4-Nitrophenol	14.86	139	16077	5.099	ng #	1
58) Fluorene	15.69	166	47895	3.086	ng #	74
62) 4-Nitroaniline	15.54	138	14487	3.435	ng	86
66) n-Nitrosodiphenylamine	15.91	169	91226	7.656	ng #	46
69) Atrazine	16.86	200	4269	Below Cal	#	1
71) Phenanthrene	17.44	178	124928	5.862	ng #	87
74) Di-n-butylphthalate	18.36	149	5518	Below Cal	#	29
77) Benzidine	19.58	184	2027	Below Cal	#	1

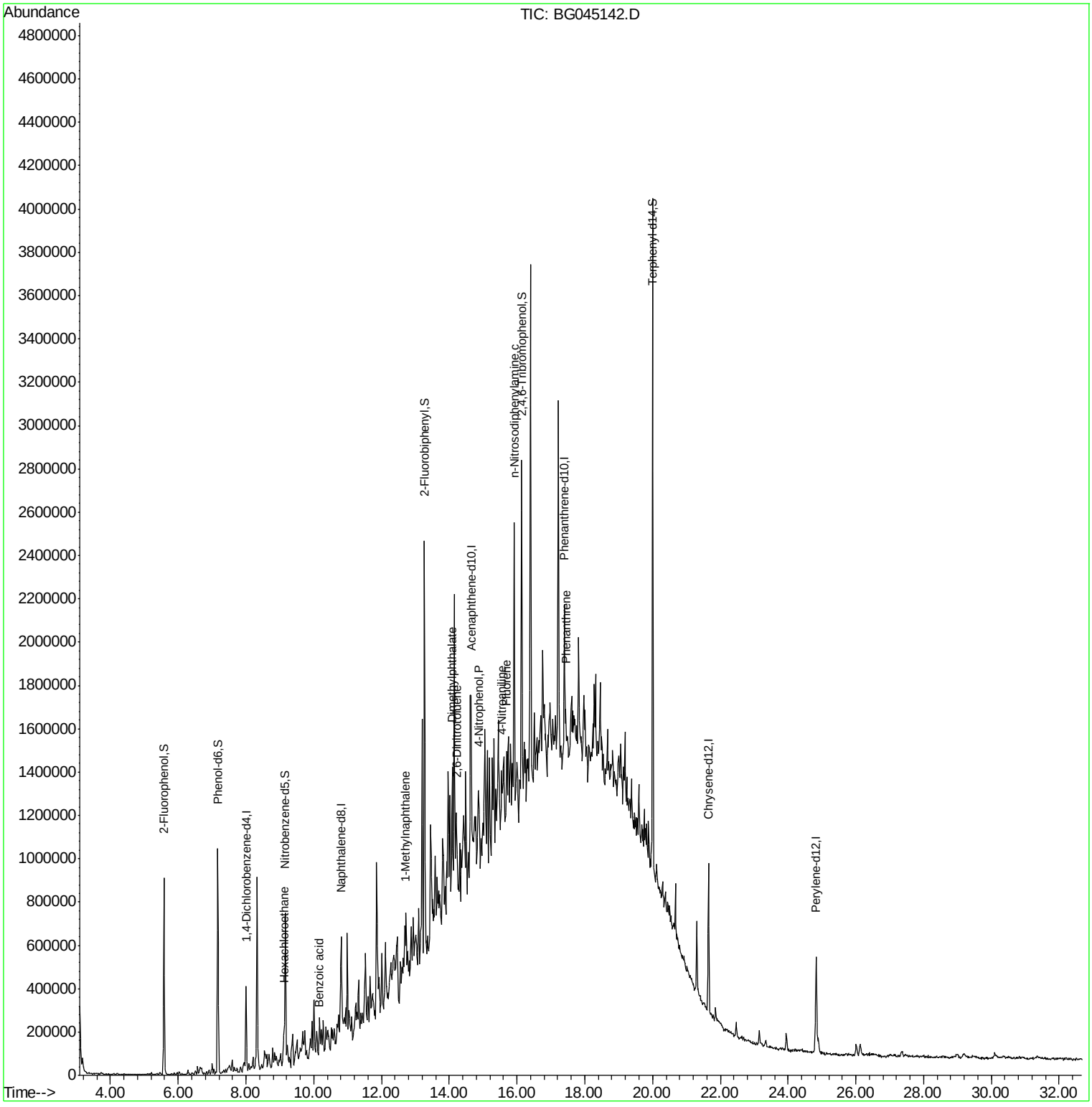
(#) = qualifier out of range (m) = manual integration (+) = signals summed

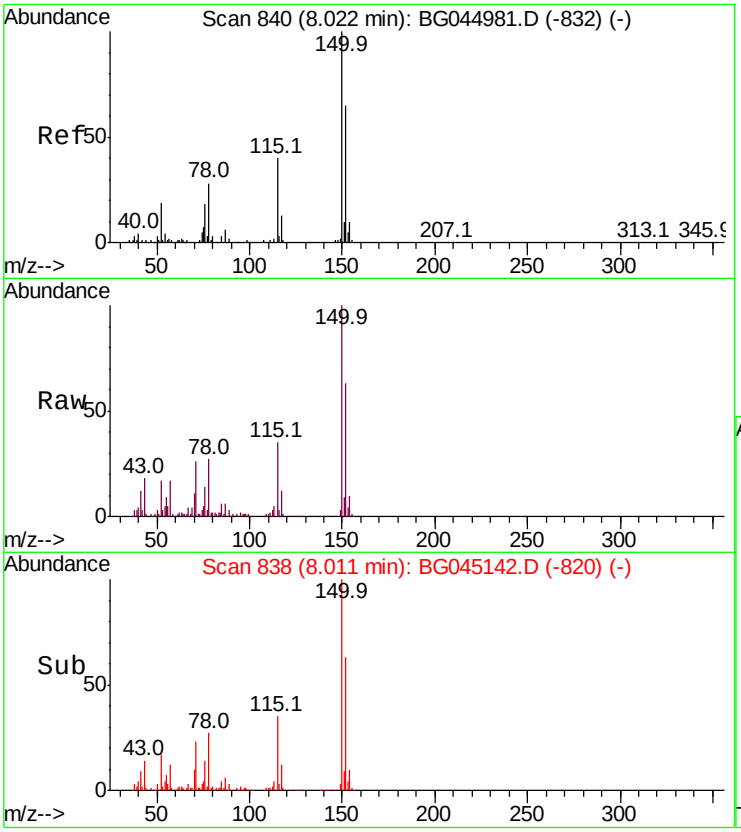
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Time: Apr 23 15:51:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 15:21:03 2020
Response via : Initial Calibration



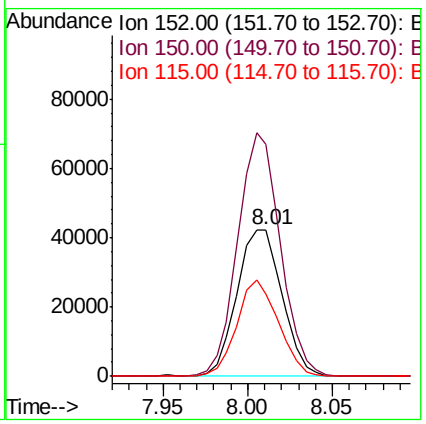


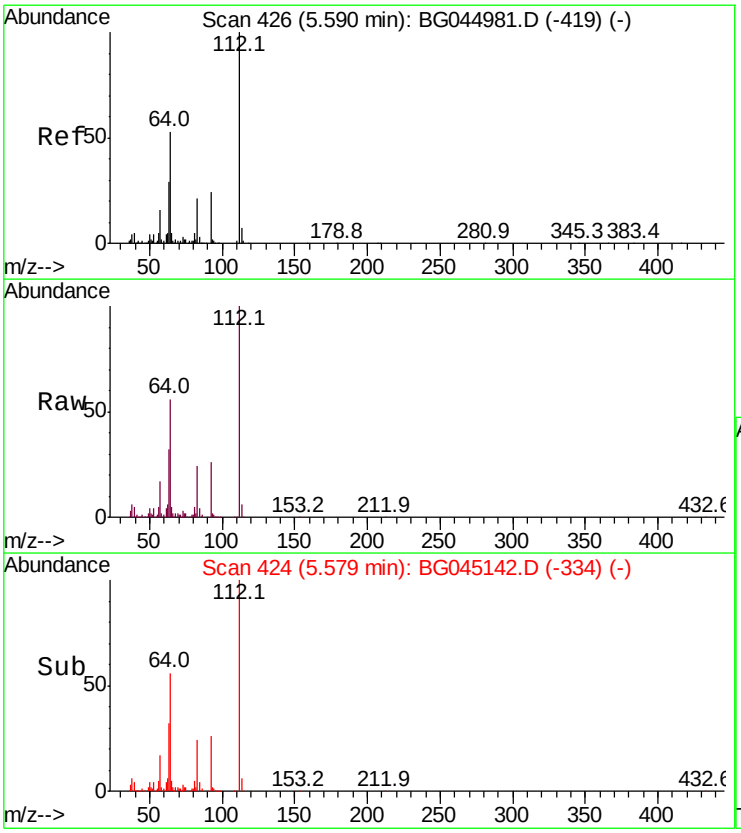
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:152 Resp: 78141

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.6	185.4
115	55.8	49.1	73.7

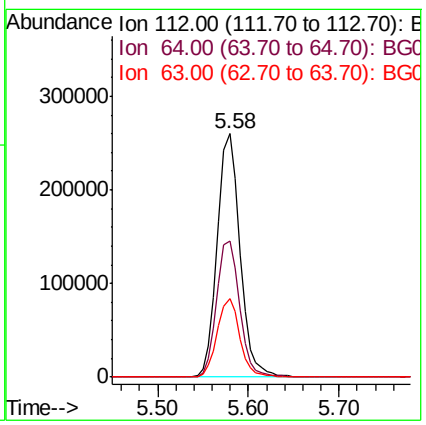


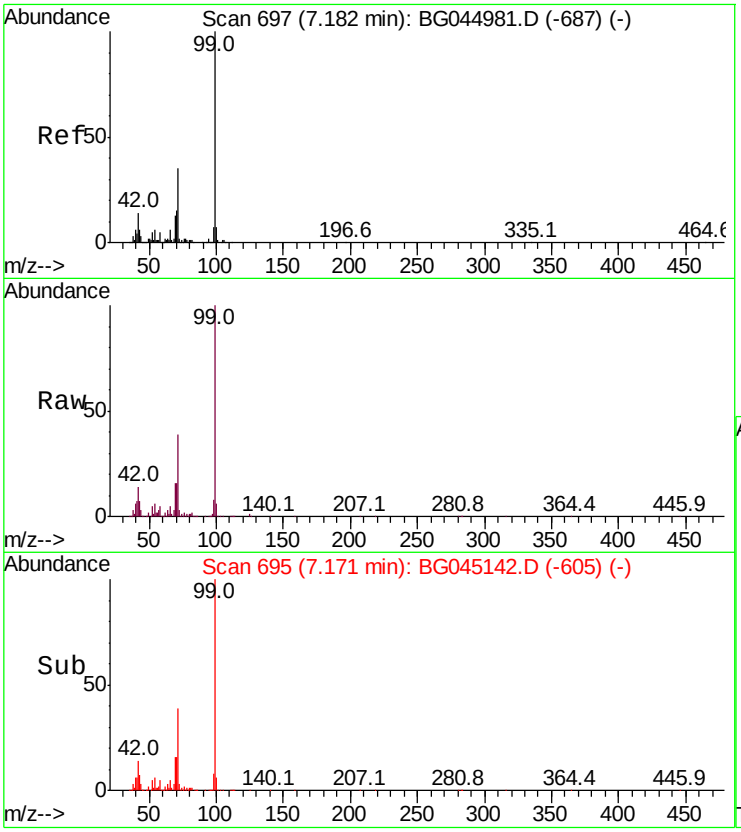


#5
2-Fluorophenol
Concen: 95.515 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:112 Resp: 452081

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.4	63.6
63	32.2	23.1	34.7



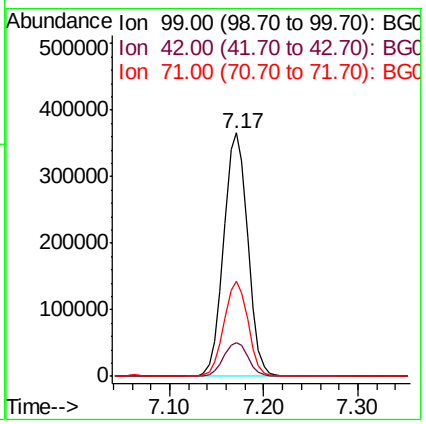


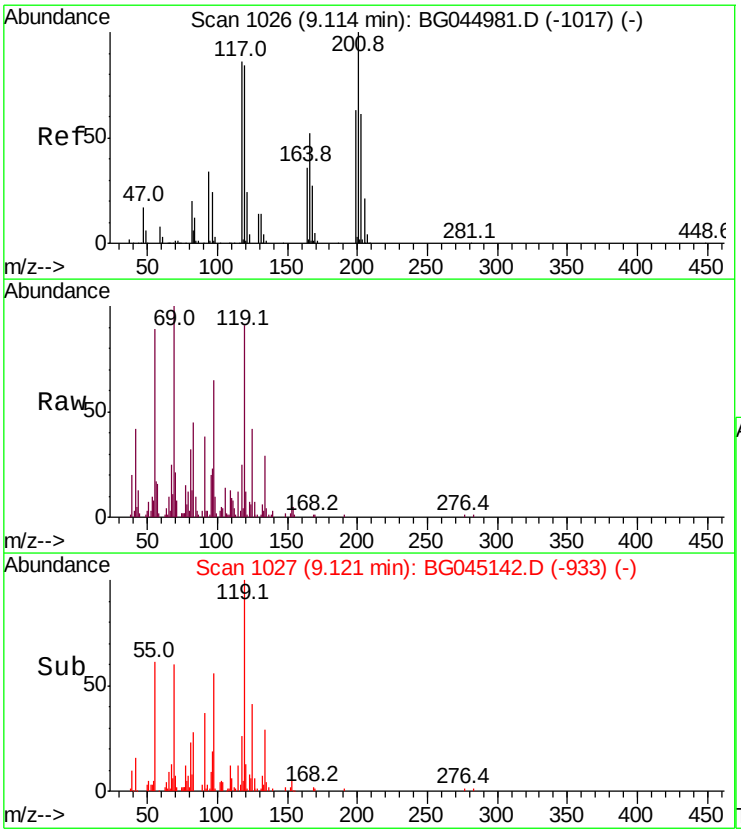
#7
Phenol-d6
Concen: 92.545 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion: 99 Resp: 650799

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	39.2	28.3	42.5

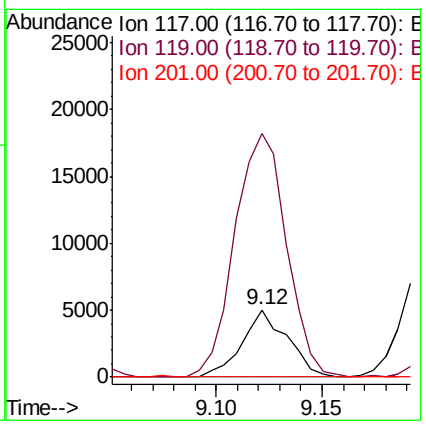


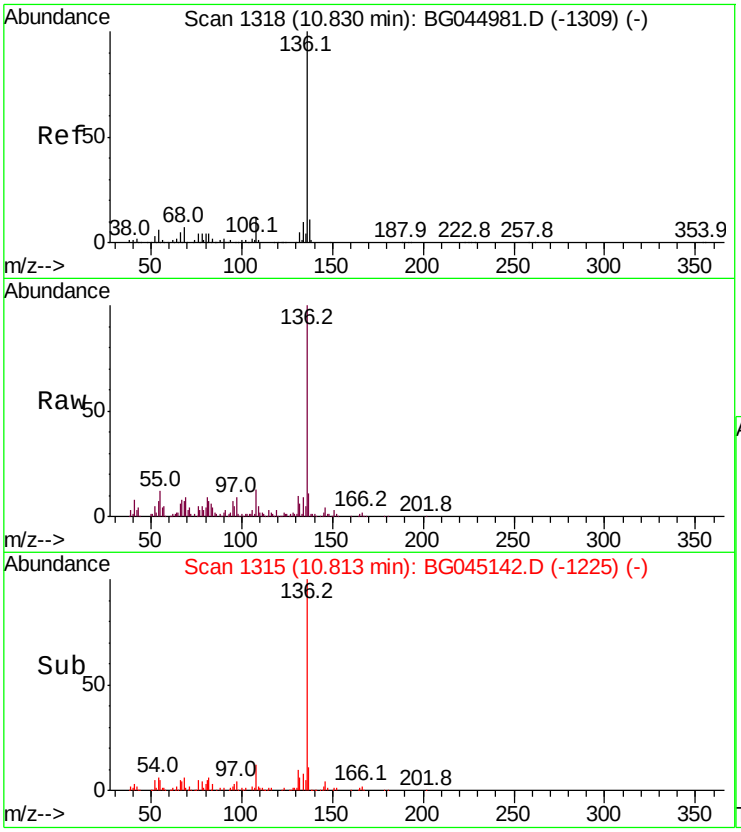


#18
Hexachloroethane
Concen: 3.327 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:117 Resp: 7470

Ion	Ratio	Lower	Upper
117	100		
119	362.9	78.3	117.5#
201	0.0	92.9	139.3#



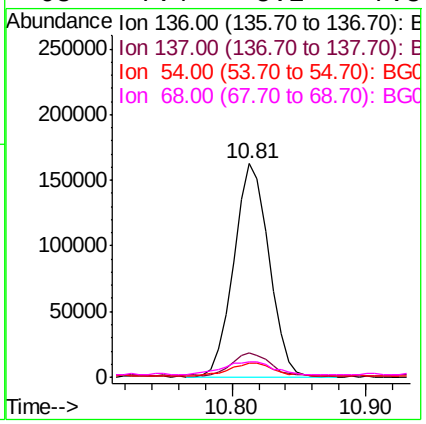


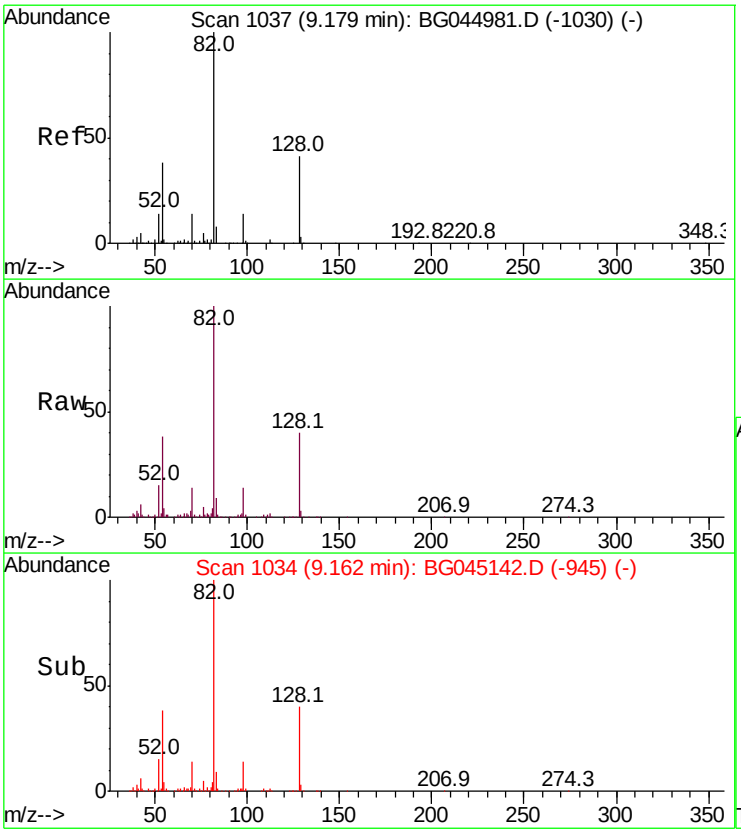
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:136 Resp: 297132

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.6	4.8	7.2
68	7.4	5.2	7.8

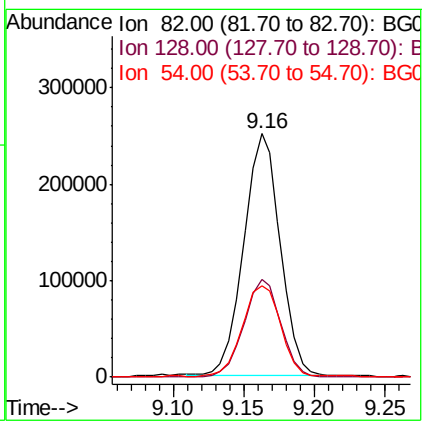


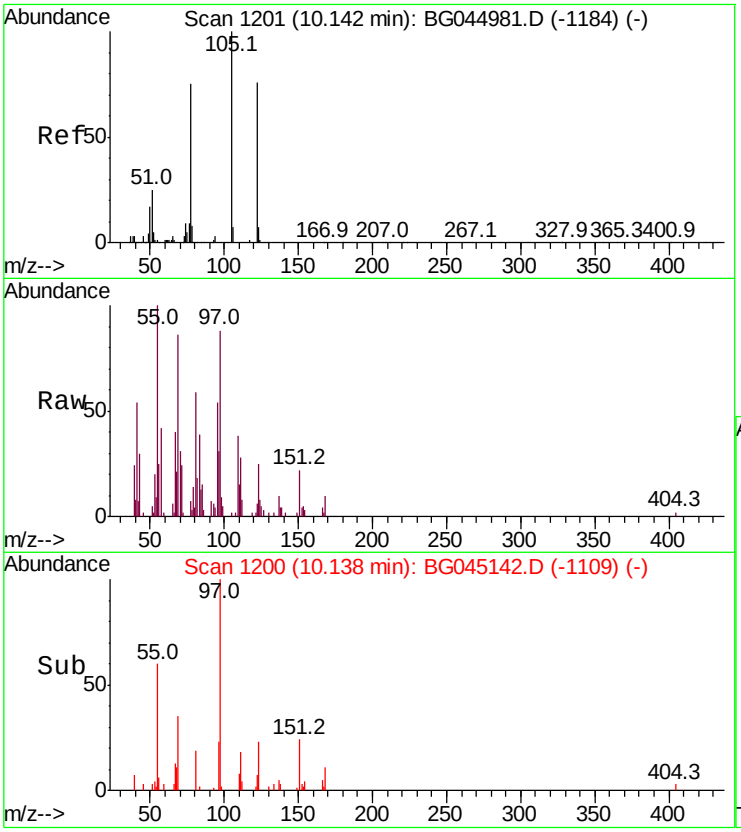


#23
Nitrobenzene-d5
Concen: 69.131 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion: 82 Resp: 450177

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	37.6	30.4	45.6



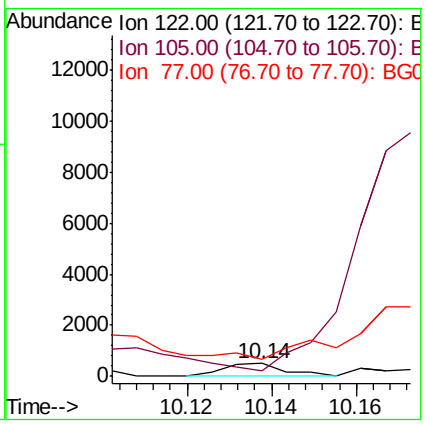


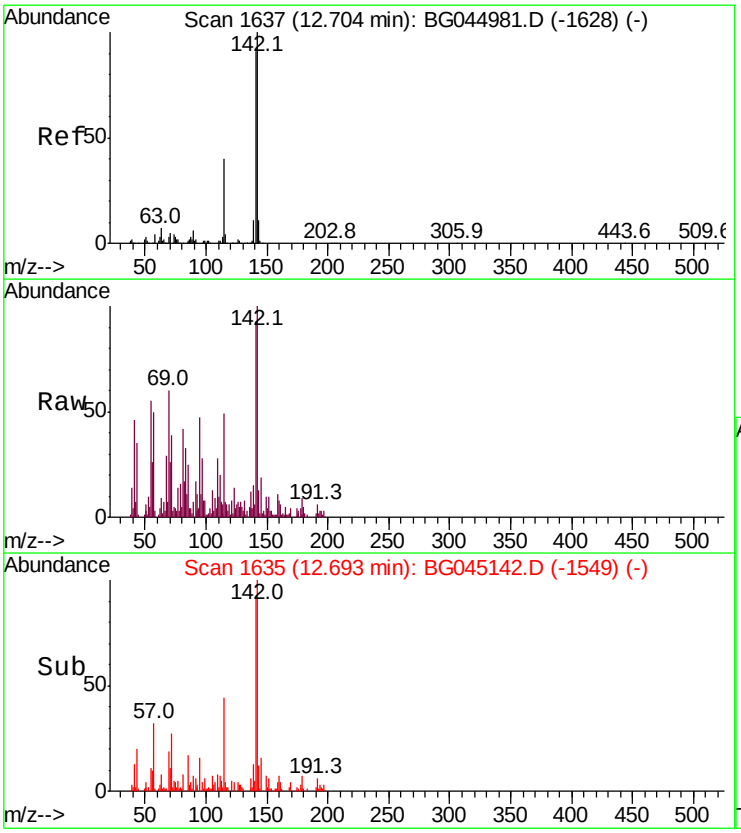
#32
Benzoic acid
Concen: 6.497 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:122 Resp: 522

Ion	Ratio	Lower	Upper
122	100		
105	38.8	108.4	148.4#
77	130.3	78.8	118.8#

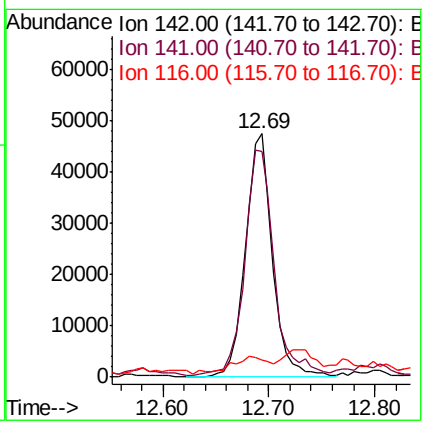


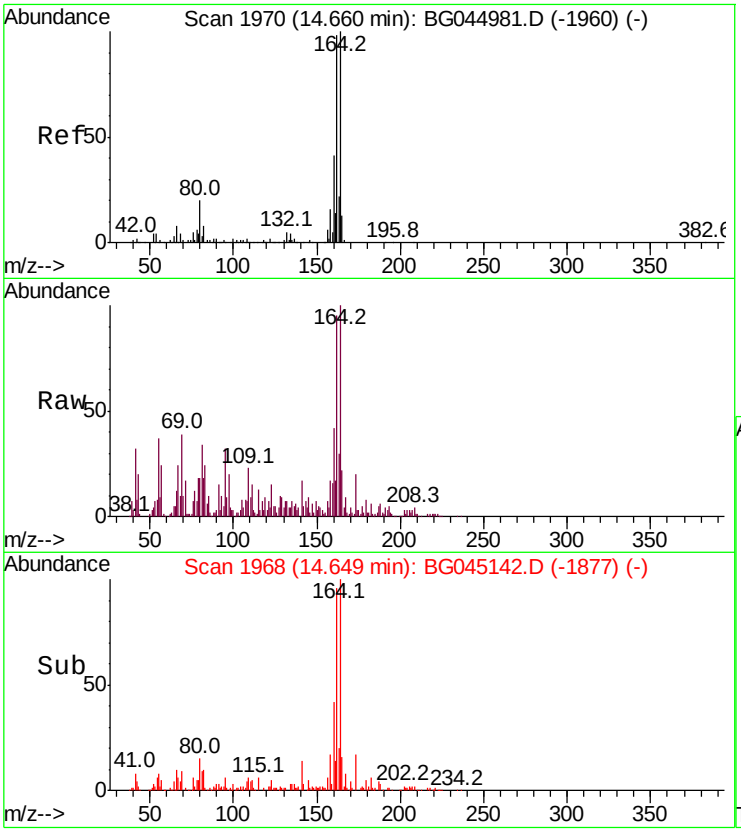


#38
1-Methylnaphthalene
Concen: 7.123 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:142 Resp: 84837

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.7	109.1
116	6.8	3.1	4.7#



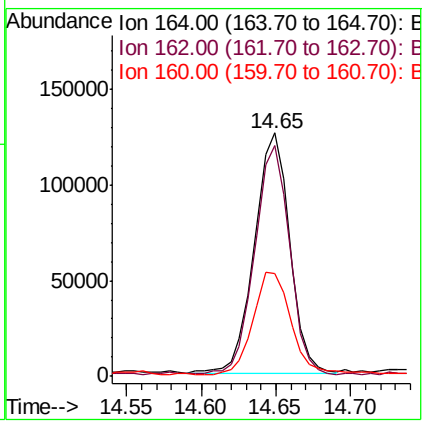


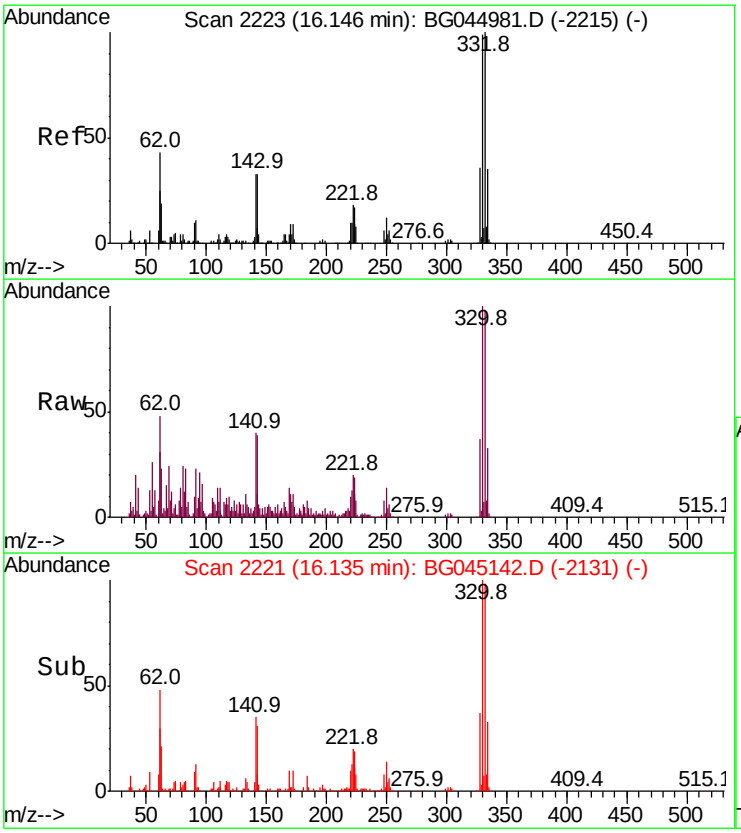
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:164 Resp: 203590

Ion	Ratio	Lower	Upper
164	100		
162	95.0	78.7	118.1
160	42.5	32.8	49.2

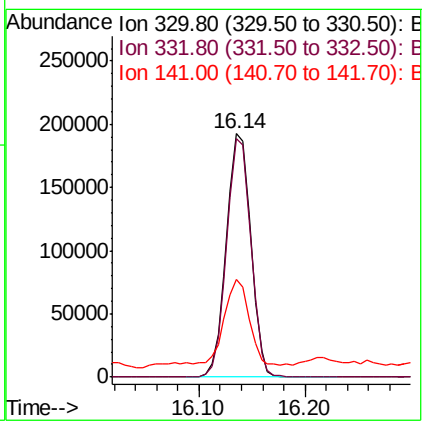


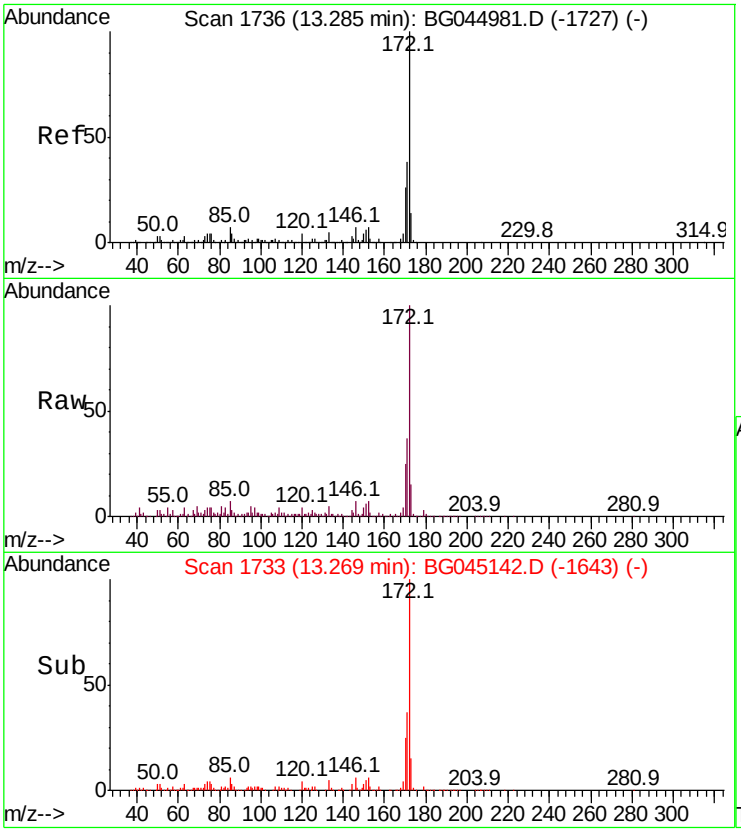


#42
2,4,6-Tribromophenol
Concen: 97.688 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:330 Resp: 307247

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	35.9	27.1	40.7



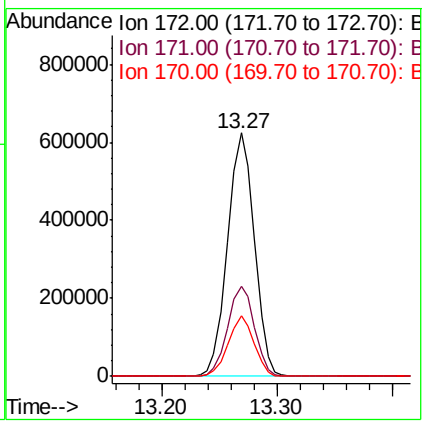


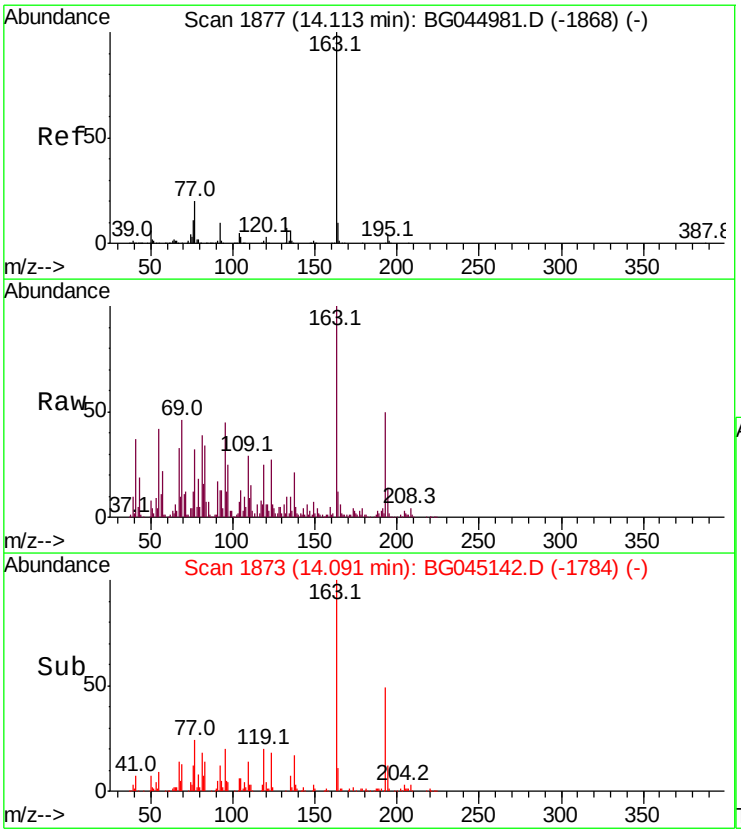
#45
2-Fluorobiphenyl
Concen: 72.323 ng
RT: 13.27 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:172 Resp: 1004165

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	24.7	20.5	30.7

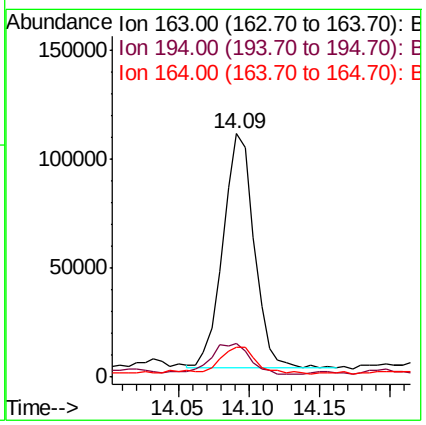


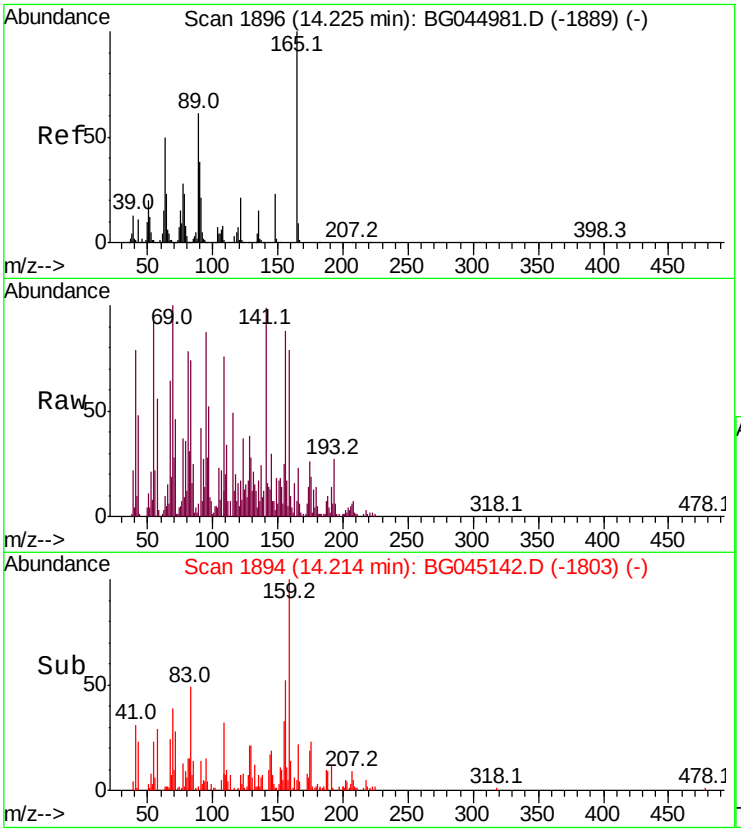


#50
Dimethylphthalate
Concen: 9.943 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:163 Resp: 164822

Ion	Ratio	Lower	Upper
163	100		
194	13.8	3.5	5.3#
164	12.3	8.2	12.4



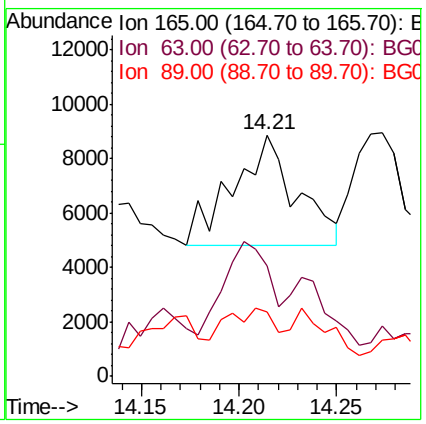


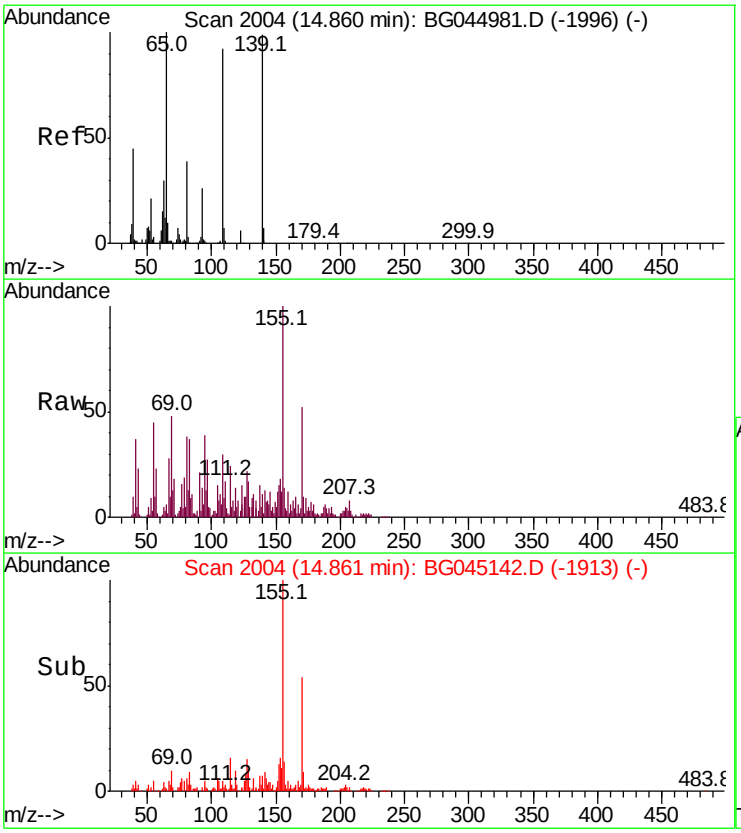
#51
2,6-Dinitrotoluene
Concen: 2.477 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:165 Resp: 9183

Ion	Ratio	Lower	Upper
165	100		
63	45.6	40.4	60.6
89	26.8	49.1	73.7#

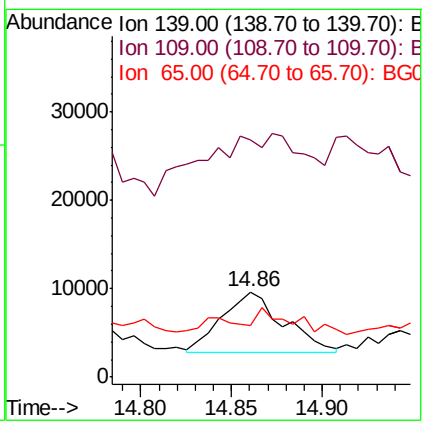


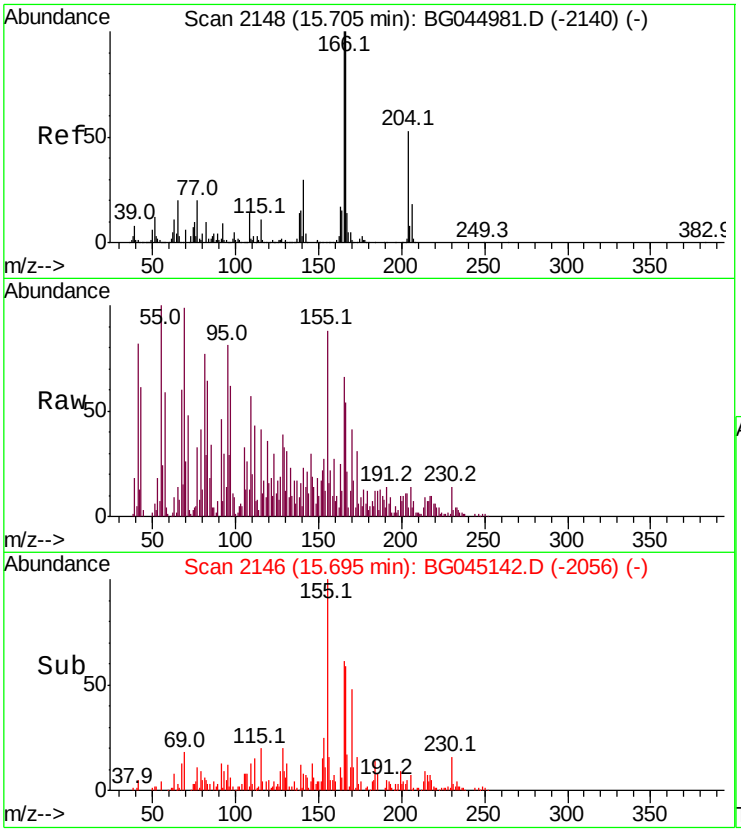


#56
4-Nitrophenol
Concen: 5.099 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:139 Resp: 16077

Ion	Ratio	Lower	Upper
139	100		
109	278.7	73.6	113.6#
65	60.0	81.2	121.2#



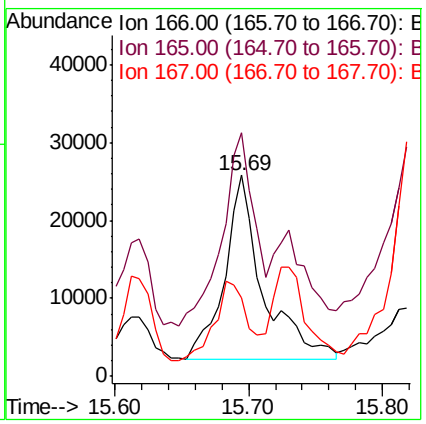


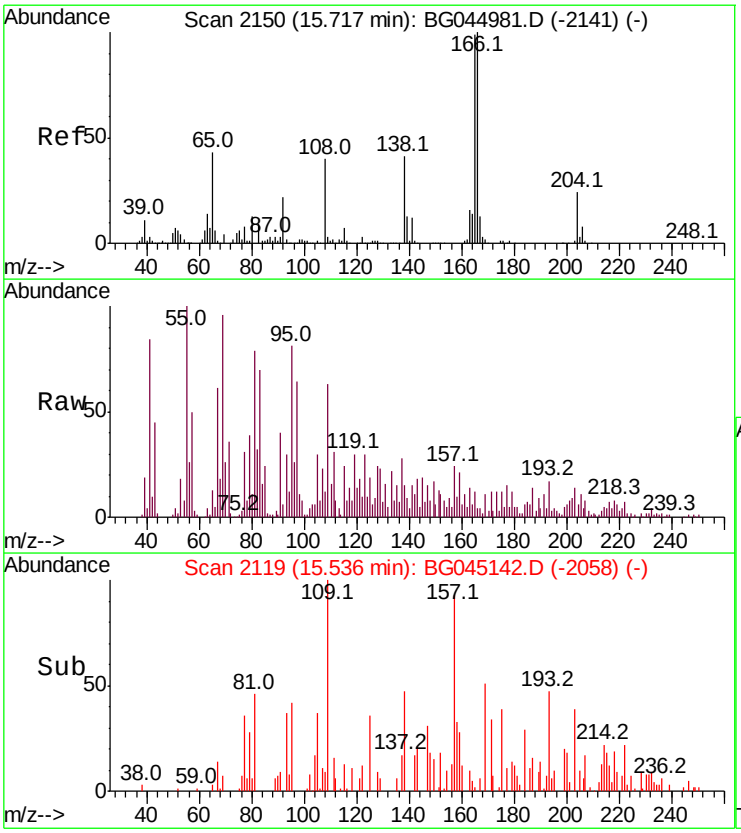
#58
Fluorene
Concen: 3.086 ng
RT: 15.69 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:166 Resp: 47895

Ion	Ratio	Lower	Upper
166	100		
165	121.2	79.9	119.9#
167	38.9	11.4	17.0#

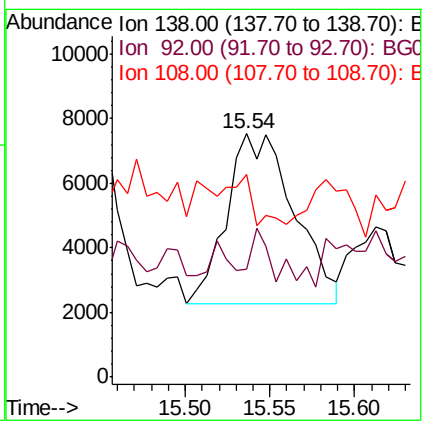


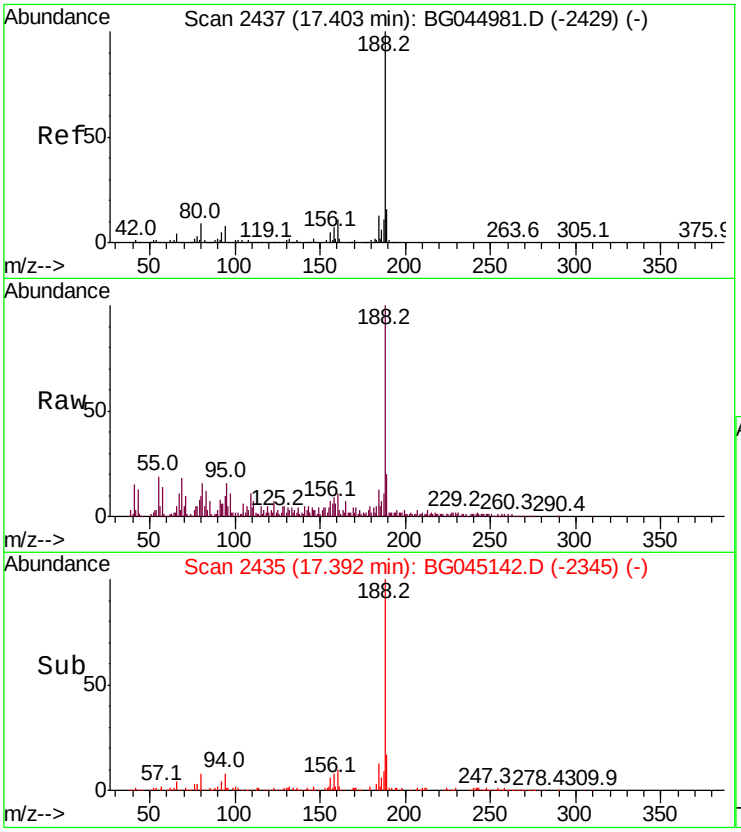


#62
4-Nitroaniline
Concen: 3.435 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.17 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:138 Resp: 14487

Ion	Ratio	Lower	Upper
138	100		
92	44.6	33.6	73.6
108	83.3	78.2	118.2



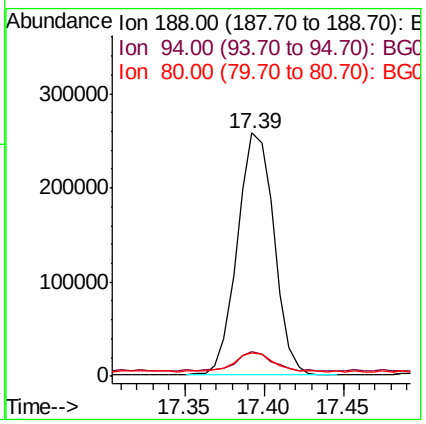


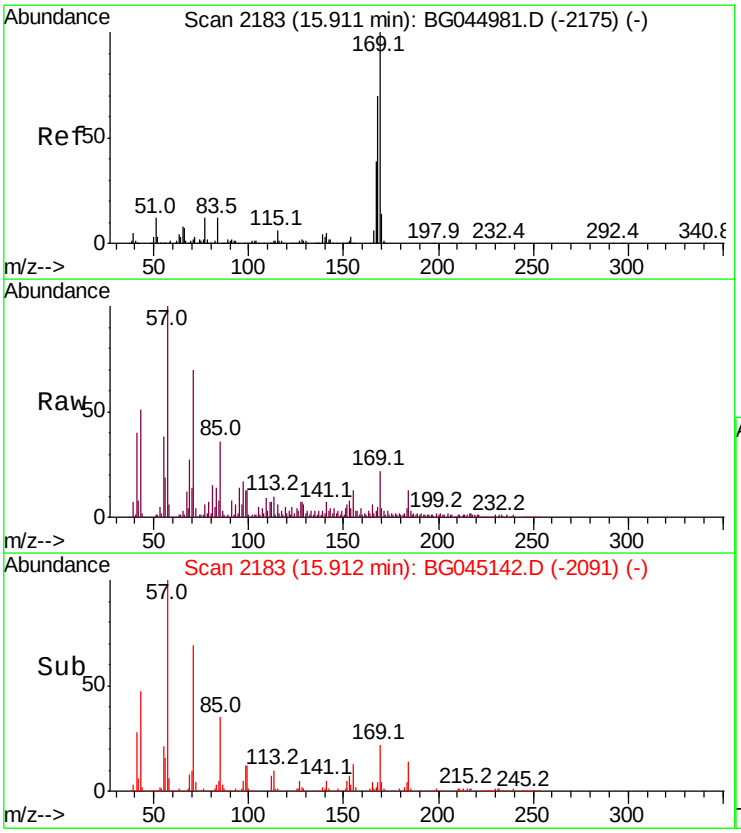
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:188 Resp: 414696

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.2	9.4#
80	9.7	7.0	10.6

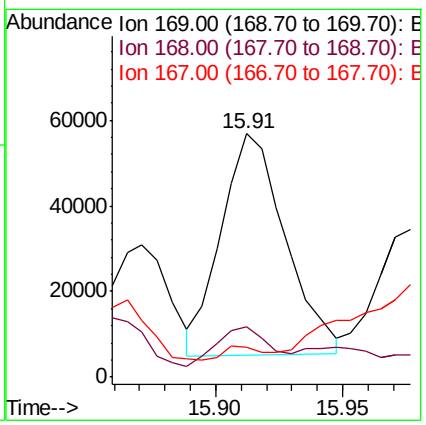


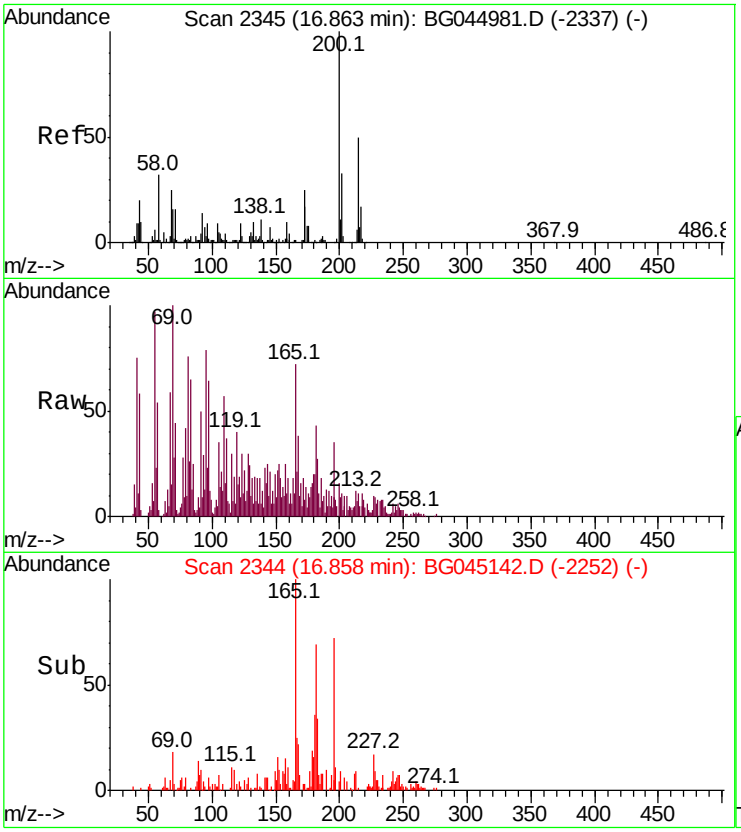


#66
n-Nitrosodiphenylamine
Concen: 7.656 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:169 Resp: 91226

Ion	Ratio	Lower	Upper
169	100		
168	20.8	55.8	83.8#
167	12.0	30.8	46.2#



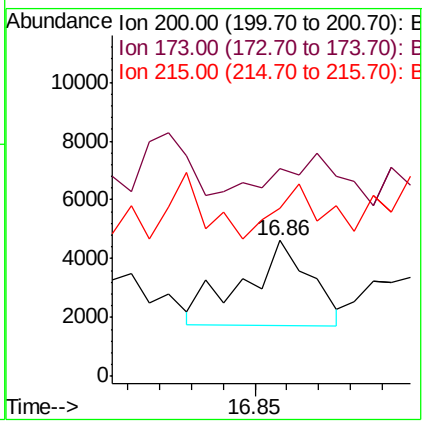


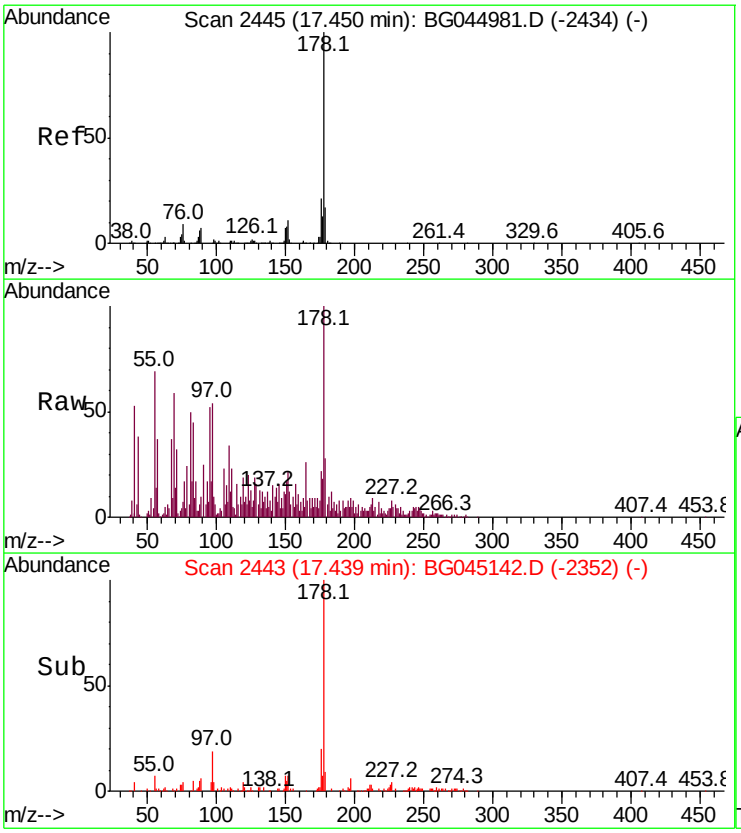
#69
Atrazine
Concen: Below Cal
RT: 16.86 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:200 Resp: 4269

Ion	Ratio	Lower	Upper
200	100		
173	153.1	4.5	44.5#
215	124.0	30.0	70.0#

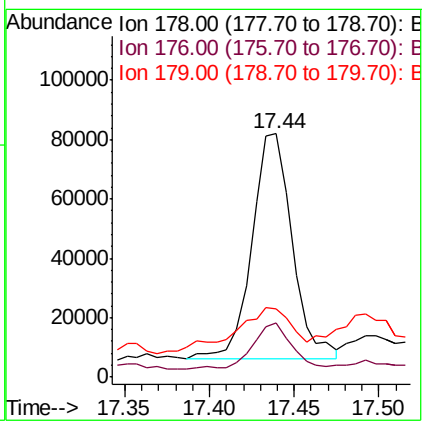


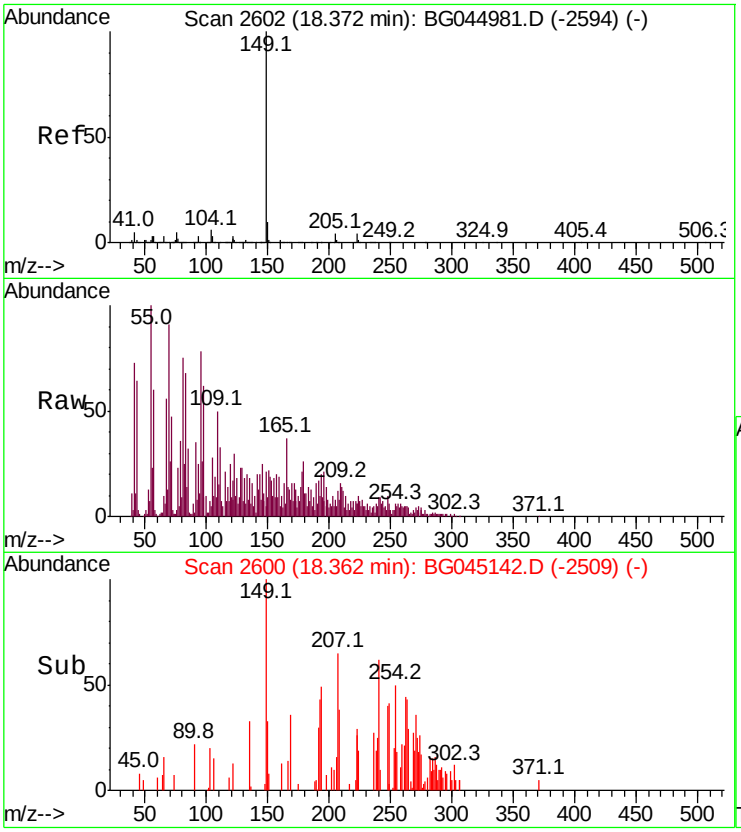


#71
Phenanthrene
Concen: 5.862 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:178 Resp: 124928

Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.8	25.2
179	27.8	13.2	19.8#



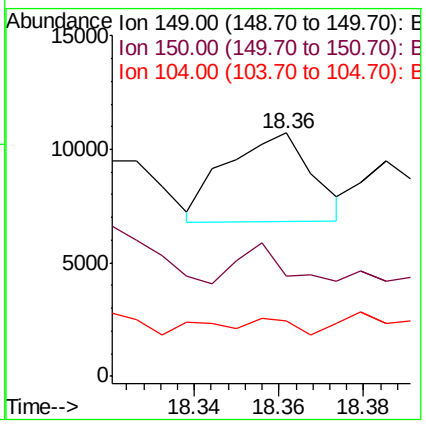


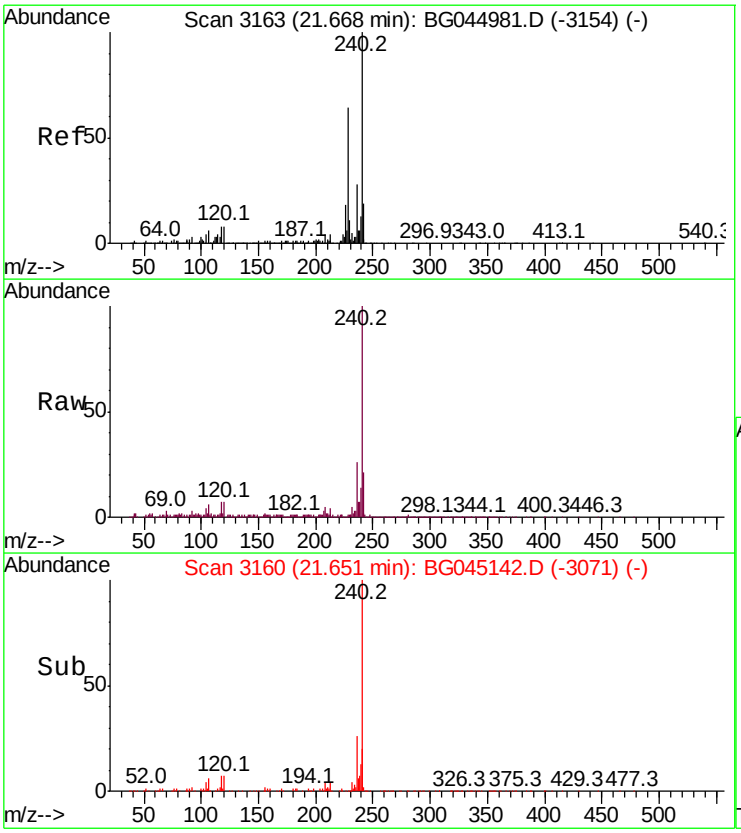
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:149 Resp: 5518

Ion	Ratio	Lower	Upper
149	100		
150	41.4	8.2	12.2#
104	22.9	4.8	7.2#

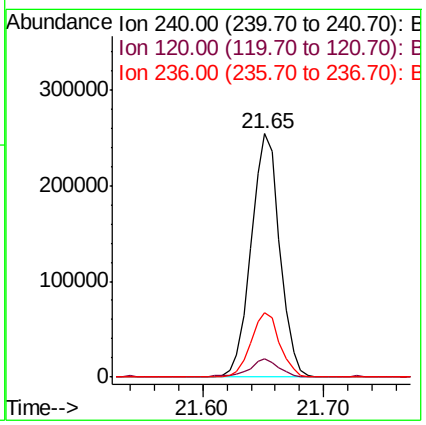


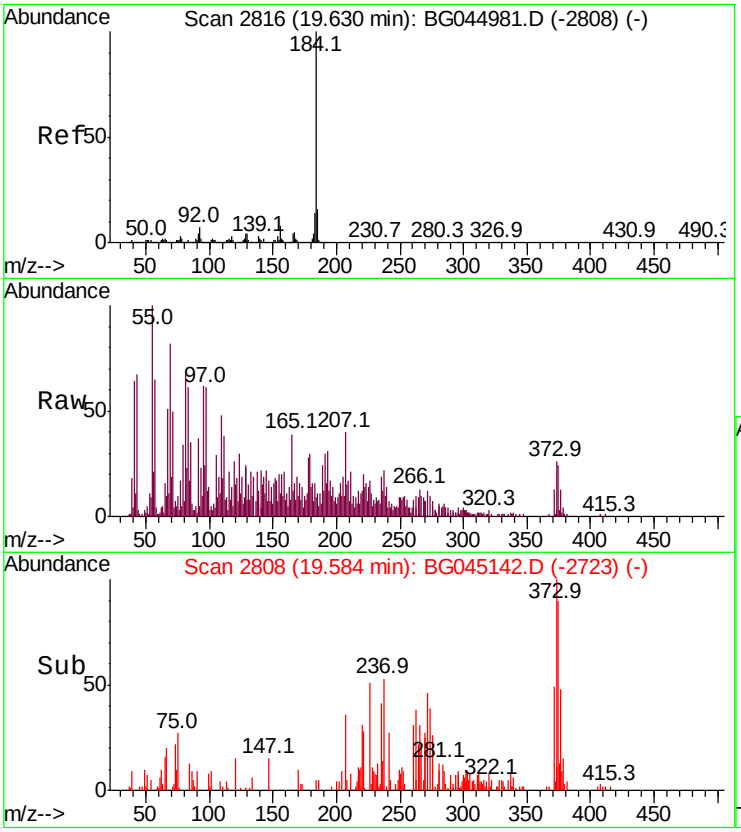


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:240 Resp: 415019

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	26.3	22.2	33.2



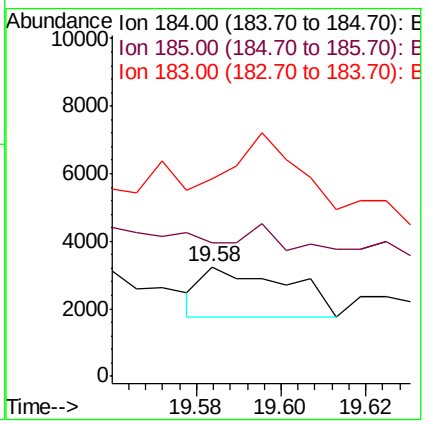


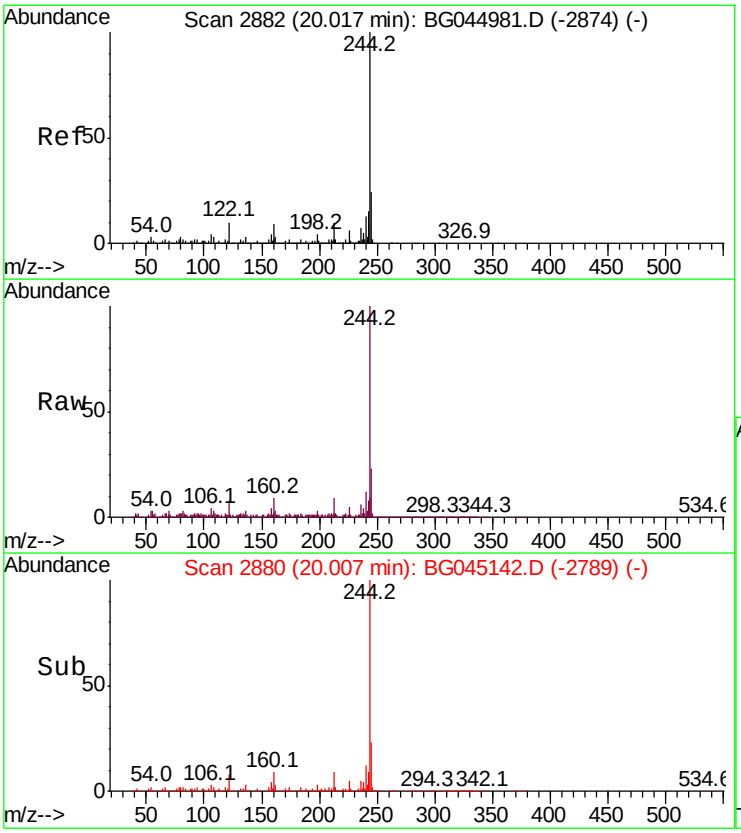
#77
Benzidine
Concen: Below Cal
RT: 19.58 min Scan# 2808
Delta R.T. -0.03 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:184 Resp: 2027

Ion	Ratio	Lower	Upper
184	100		
185	122.4	12.6	19.0#
183	180.8	11.3	16.9#

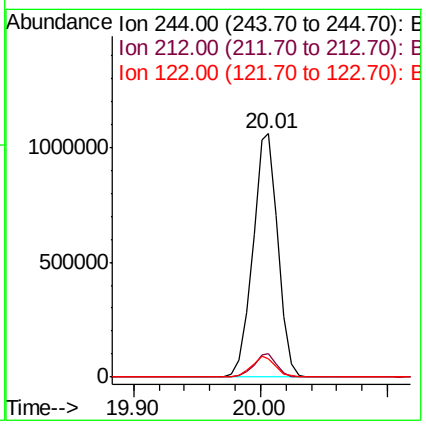


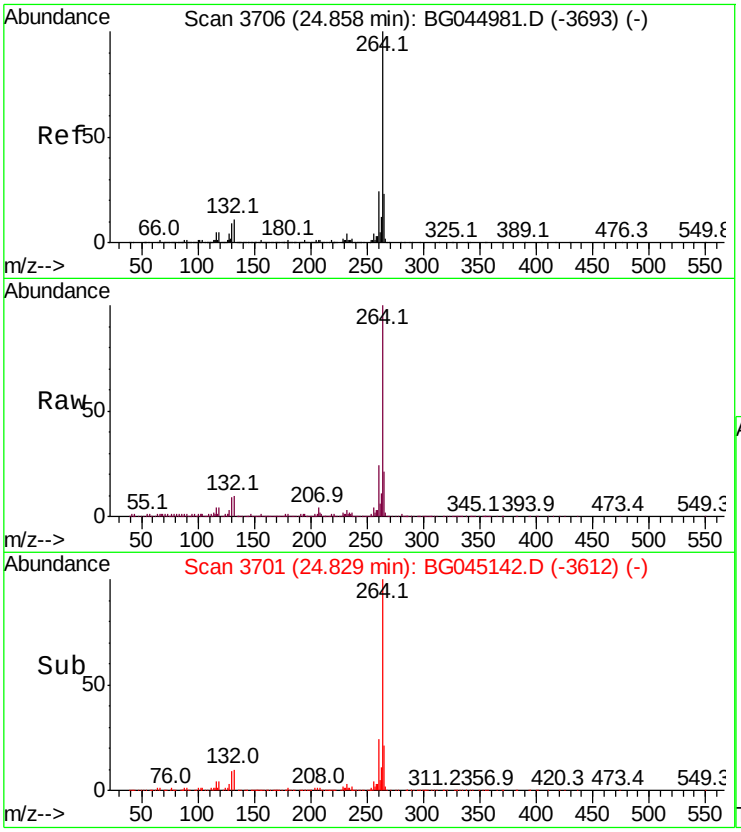


#79
Terphenyl-d14
Concen: 76.302 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:244 Resp: 1452892

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	7.7	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tgt Ion:264 Resp: 496205

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	19.0	28.4