Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042720\
Data File : BG045178.D
Acq On : 27 Apr 2020 14:36
Operator : CG/JU
Sample : L2397-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-COMP

Quant Time: Apr 27 15:12:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:48:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64412	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	246739	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	200603	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	508524	20.00	ng	0.00
76) Chrysene-d12	21.64	240	502849	20.00	ng	0.00
87) Perylene-d12	24.82	264	528874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	178952	45.87	ng	0.00
7) Phenol-d6	7.16	99	203332	35.08	ng	0.00
23) Nitrobenzene-d5	9.15	82	197540	36.53	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	172948	55.81	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	532381	38.91	ng	0.00
79) Terphenyl-d14	19.99	244	1104106	47.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.13	77	63	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.15	70	26490	6.462	ng	# 84
32) Benzoic acid	9.93	122	66	6.392	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	26250	7.185	ng	# 25
57) 2,4-Dinitrotoluene	14.63	165	26306	4.927	ng	# 23
69) Atrazine	16.90	200	69	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	1344	Below Cal	#	76
75) Fluoranthene	19.54	202	56	Below Cal		62
77) Benzidine	19.99	184	18820	Below Cal	#	89

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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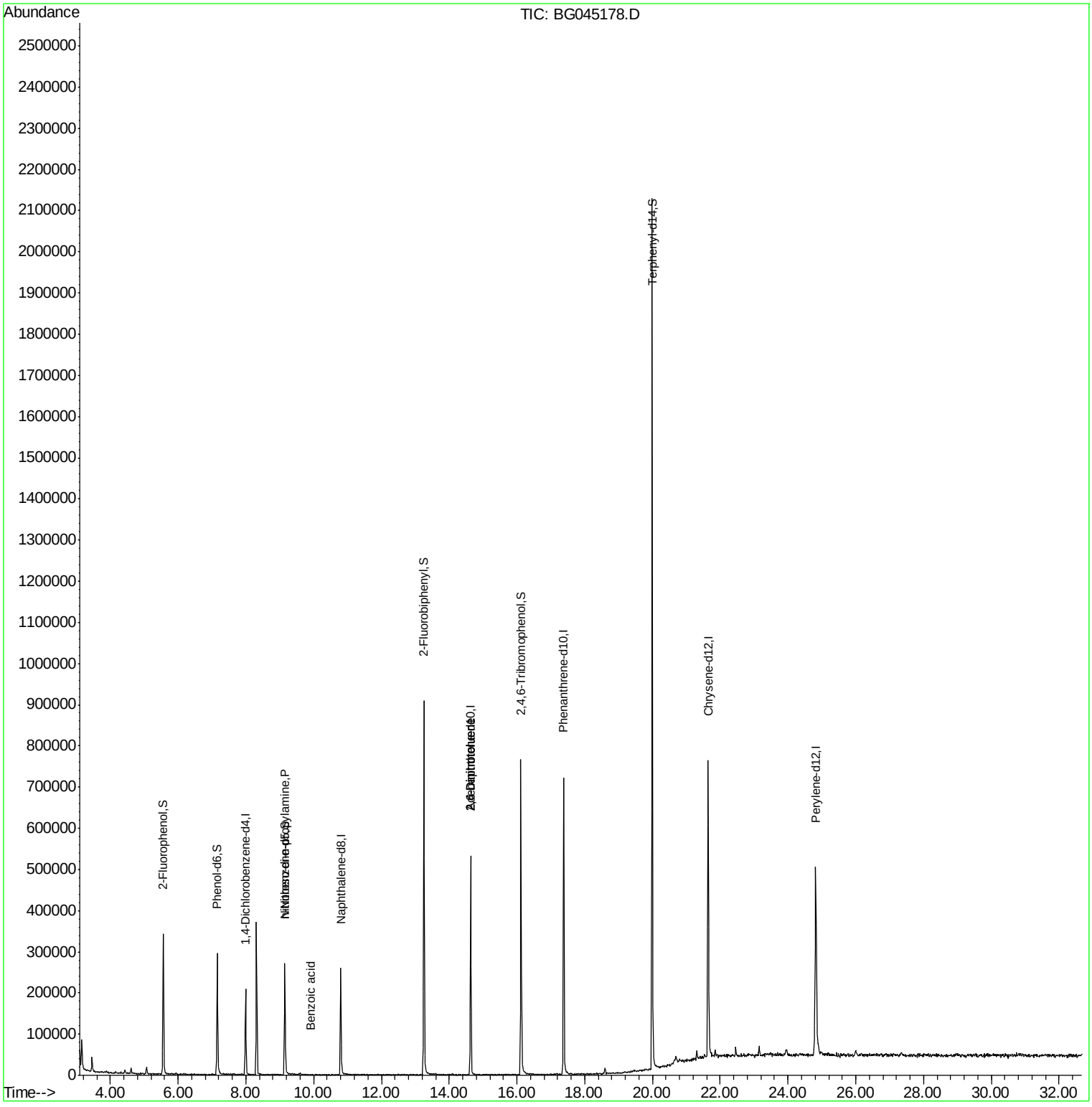
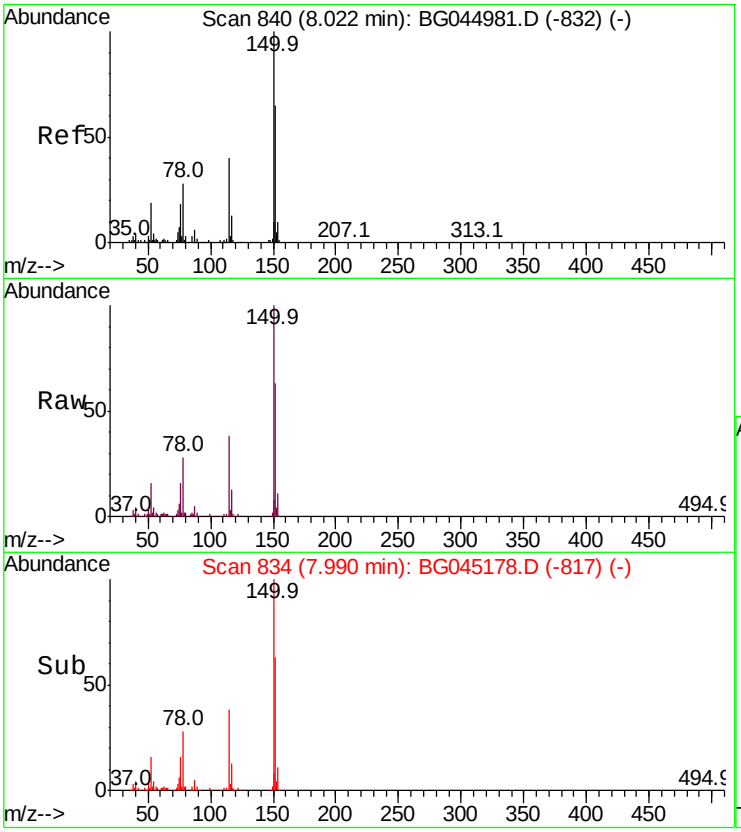


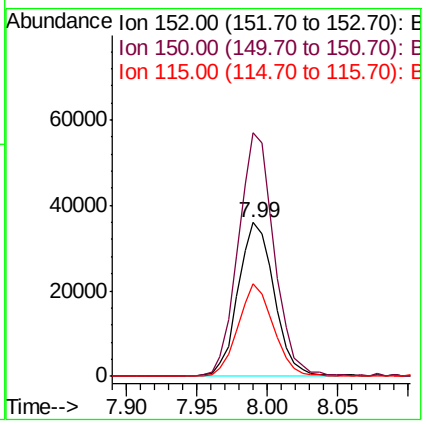


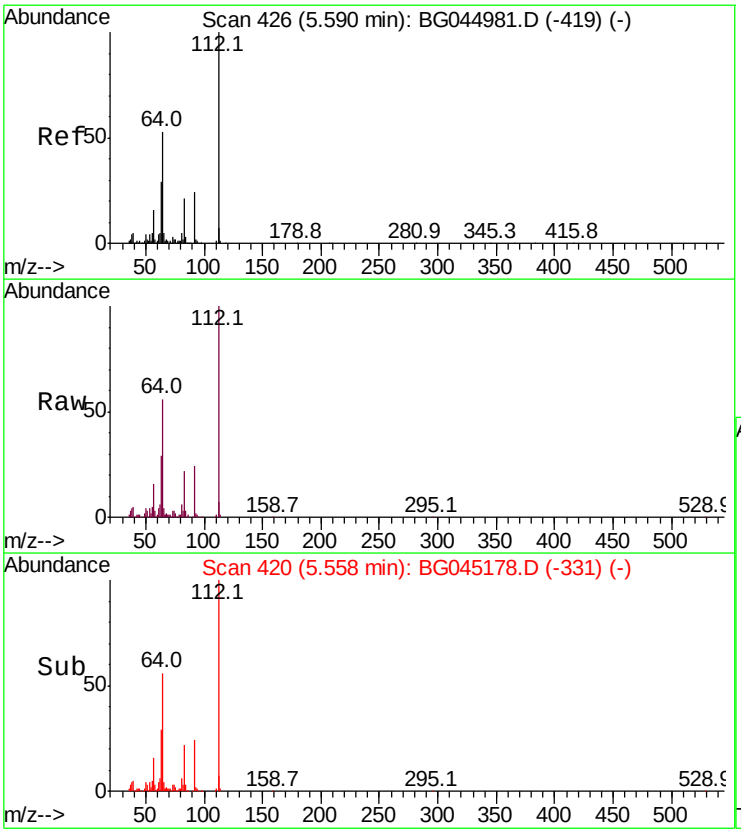
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:152 Resp: 64412

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.6	185.4
115	60.0	49.1	73.7

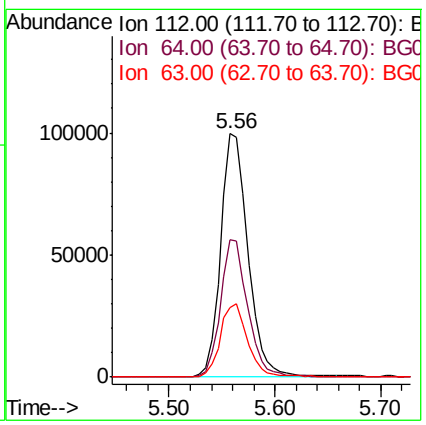


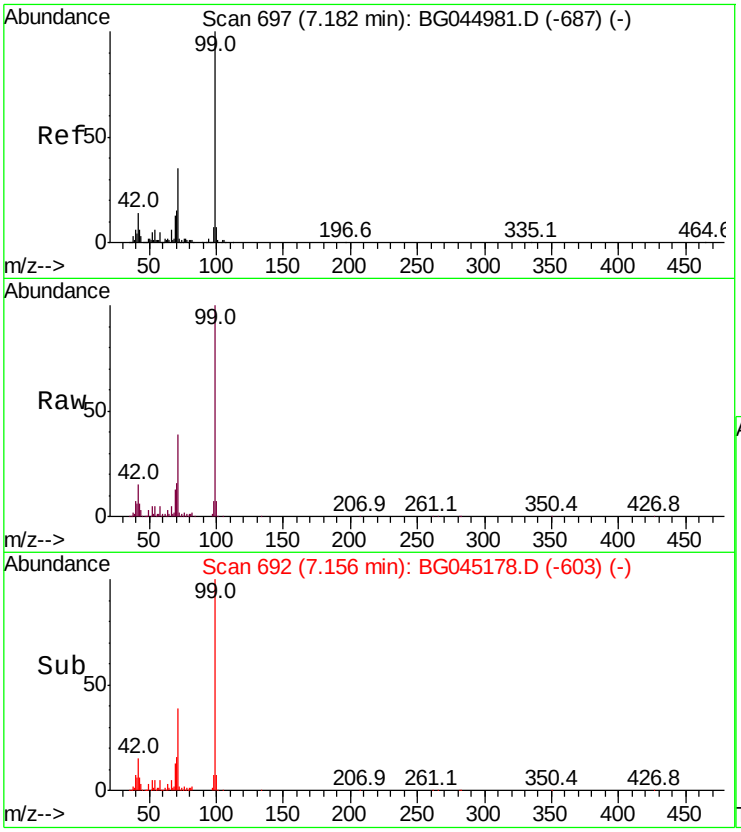


#5
2-Fluorophenol
Concen: 45.867 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:112 Resp: 178952

Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	28.7	23.1	34.7



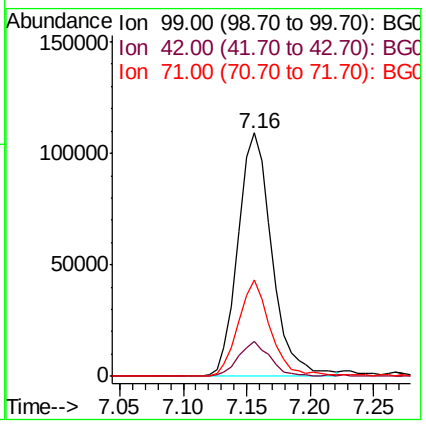


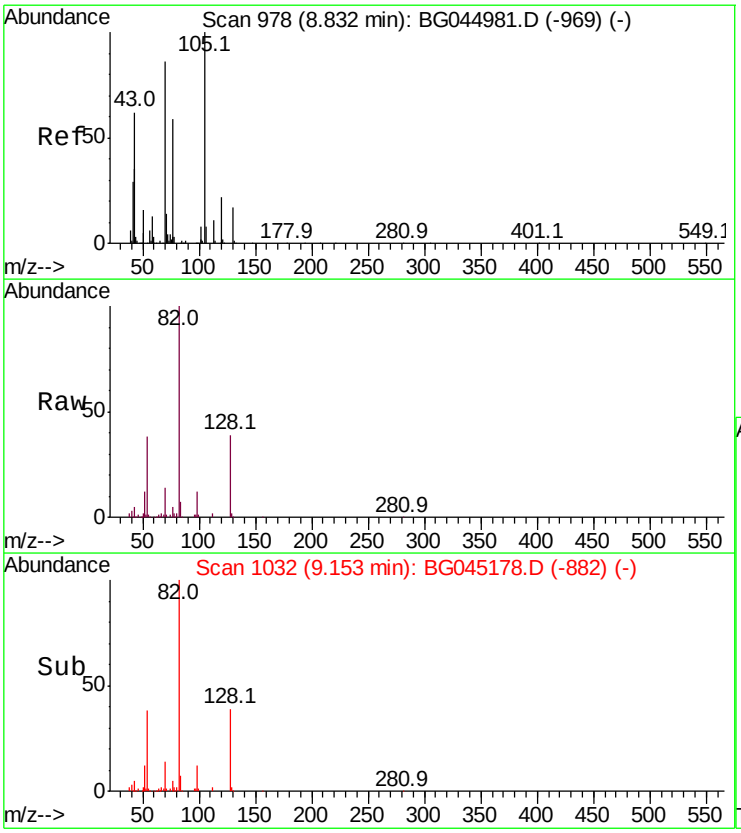
#7
Phenol-d6
Concen: 35.077 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion: 99 Resp: 203332

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.3	16.9
71	39.3	28.3	42.5

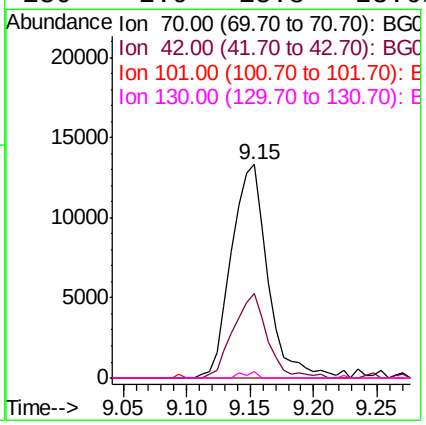


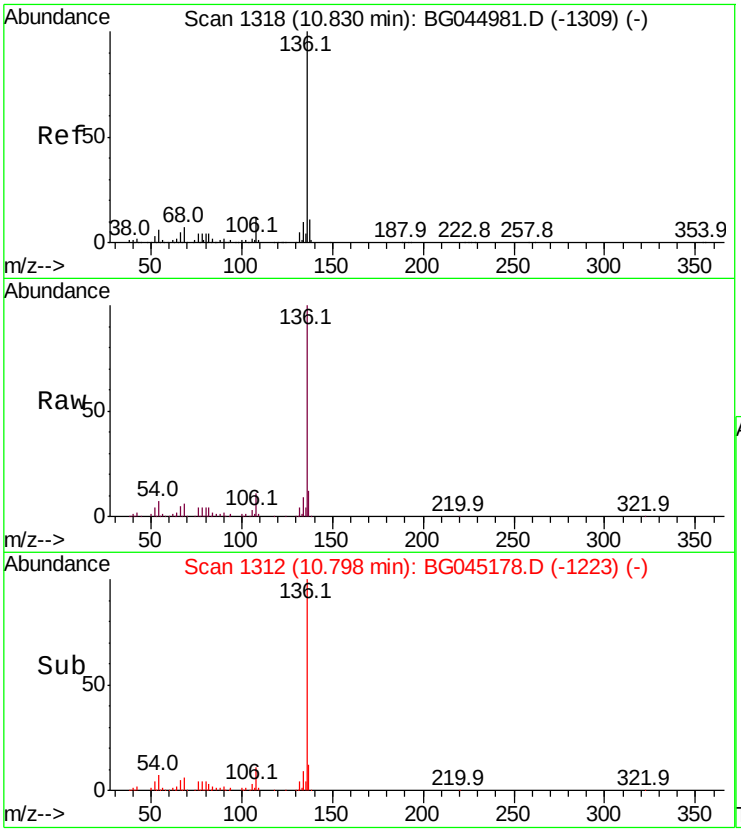


#19
n-Nitroso-di-n-propylamine
Concen: 6.462 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.35 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion: 70 Resp: 26490

Ion	Ratio	Lower	Upper
70	100		
42	39.5	33.3	49.9
101	0.0	7.8	11.8#
130	2.9	15.8	23.6#



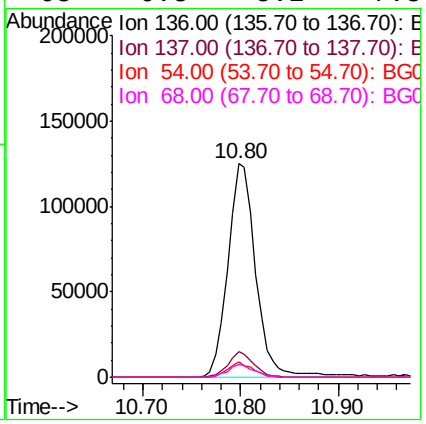


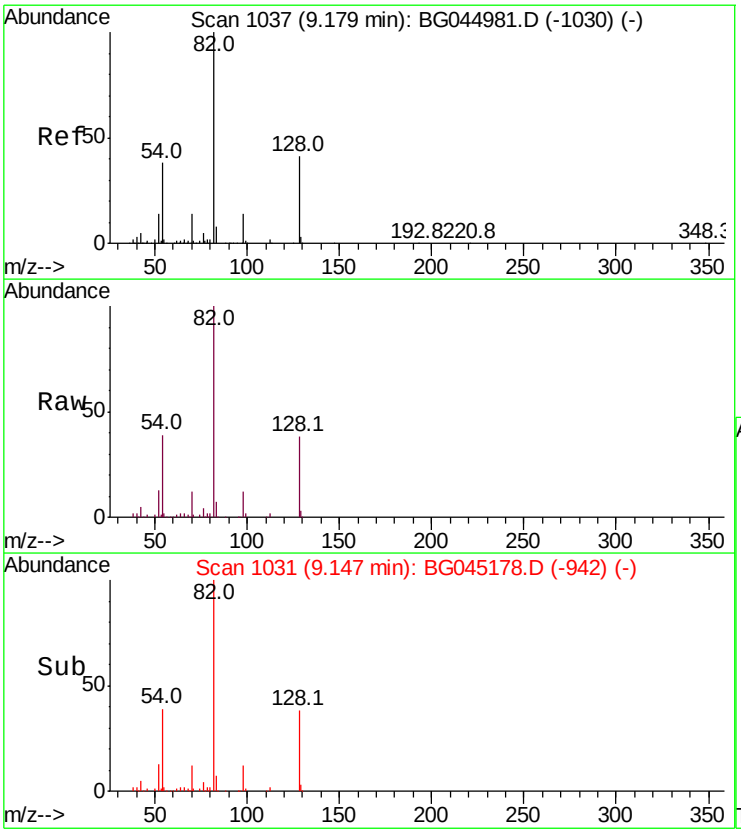
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:136 Resp: 246739

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	13.0
54	7.0	4.8	7.2
68	6.3	5.2	7.8

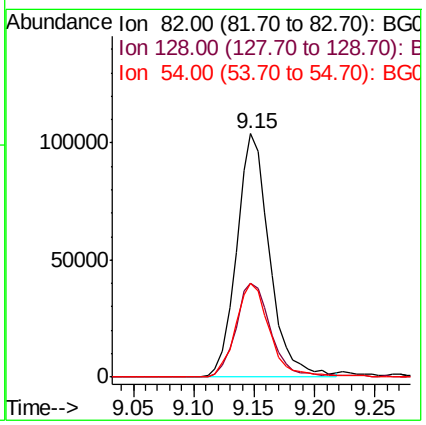


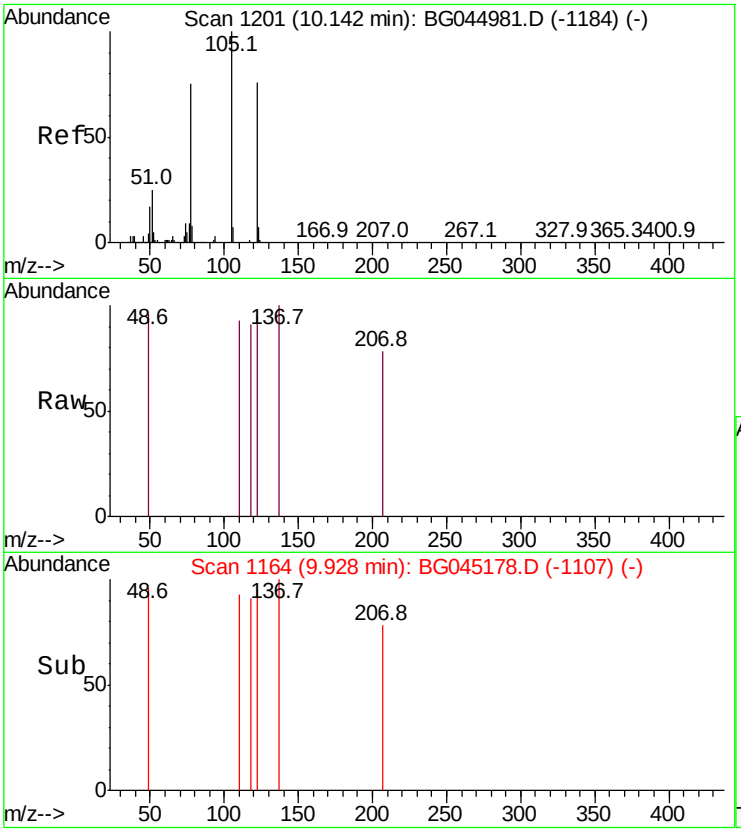


#23
Nitrobenzene-d5
Concen: 36.531 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion: 82 Resp: 197540

Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.0	49.4
54	38.7	30.4	45.6



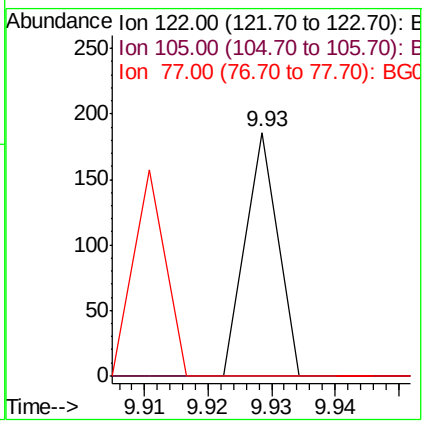


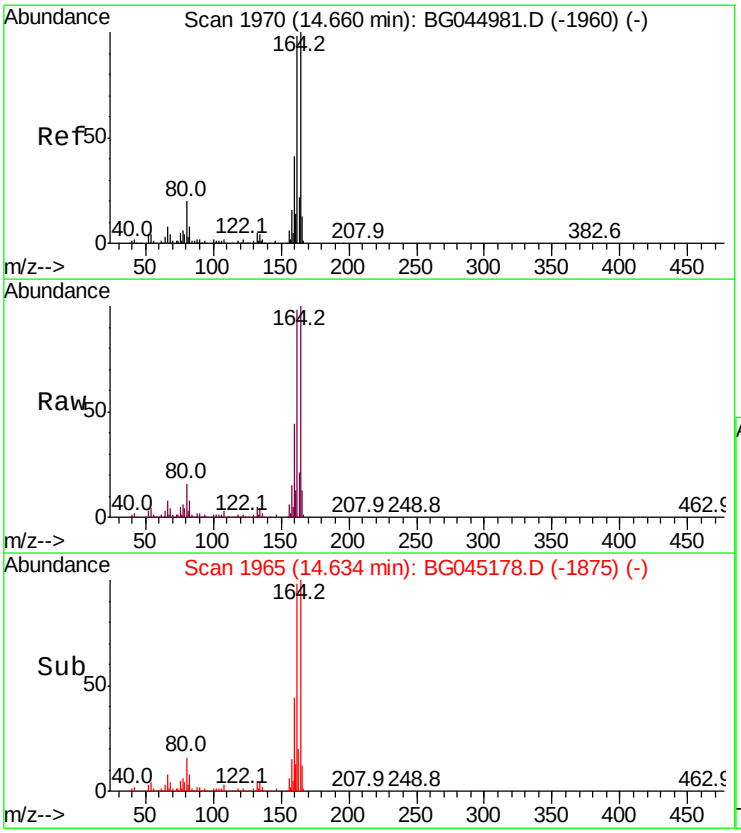
#32
Benzoic acid
Concen: 6.392 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.19 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:122 Resp: 66

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

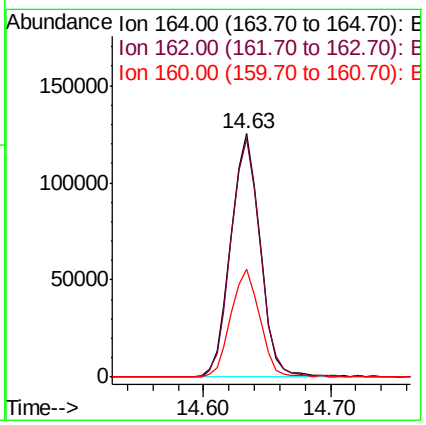


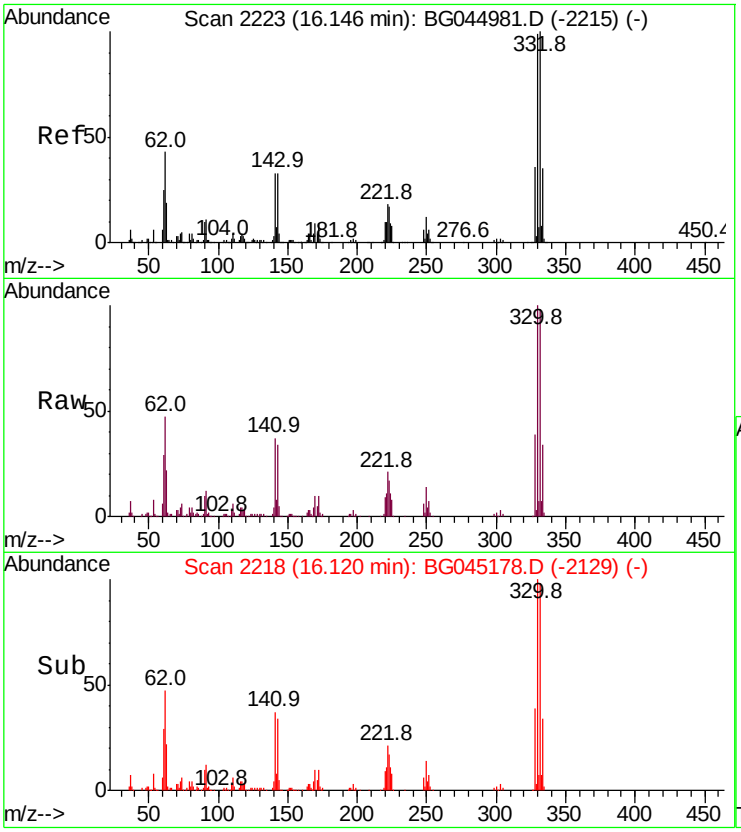


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:164 Resp: 200603

Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.7	118.1
160	44.3	32.8	49.2



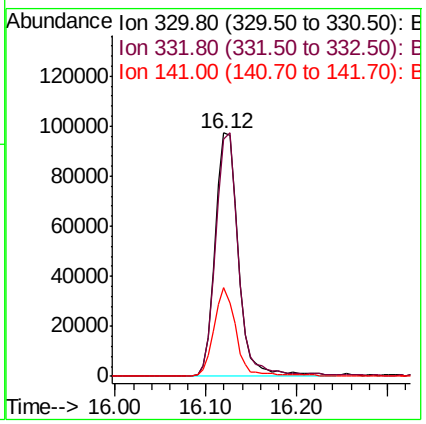


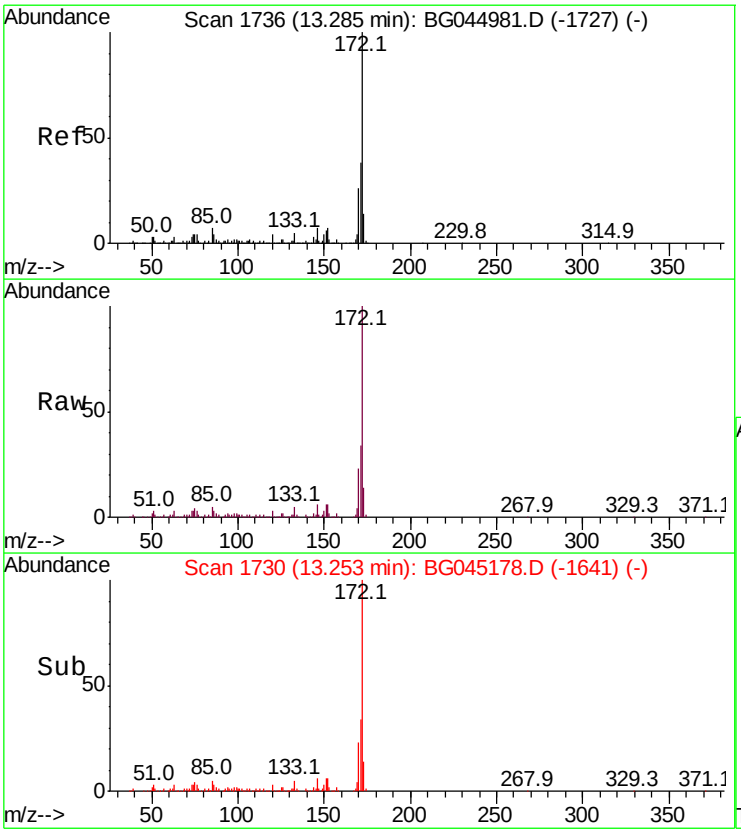
#42
2,4,6-Tribromophenol
Concen: 55.807 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:330 Resp: 172948

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	33.9	27.1	40.7

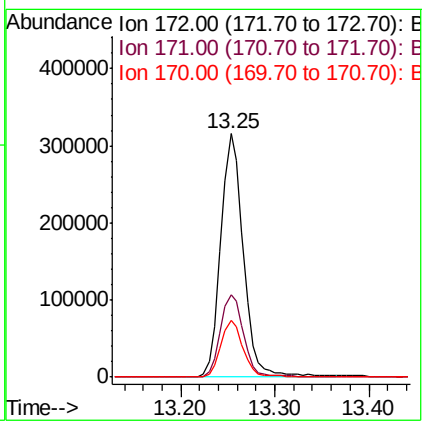


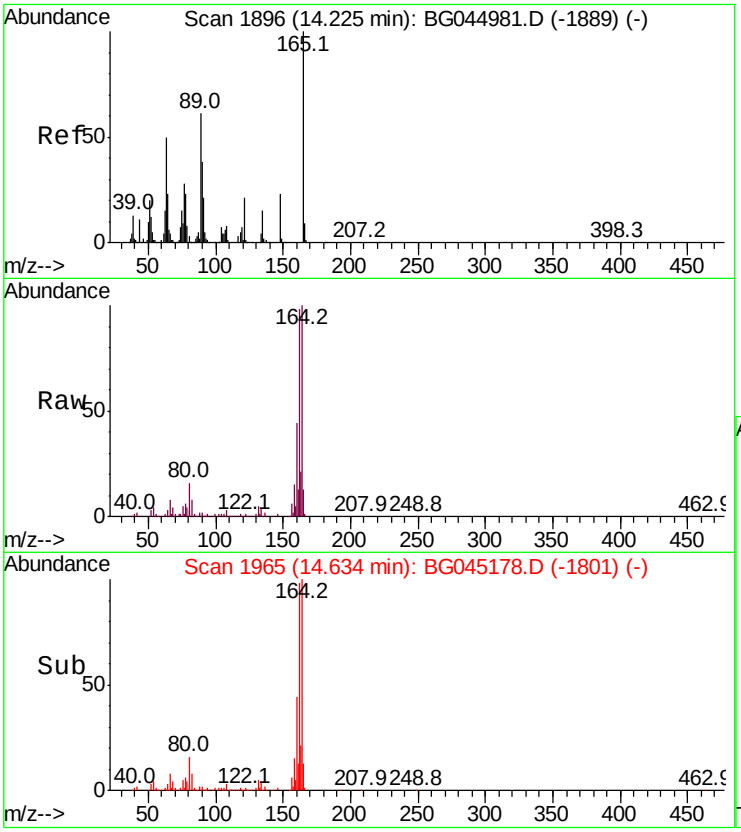


#45
2-Fluorobiphenyl
Concen: 38.915 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:172 Resp: 532381

Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.6	46.0
170	23.2	20.5	30.7



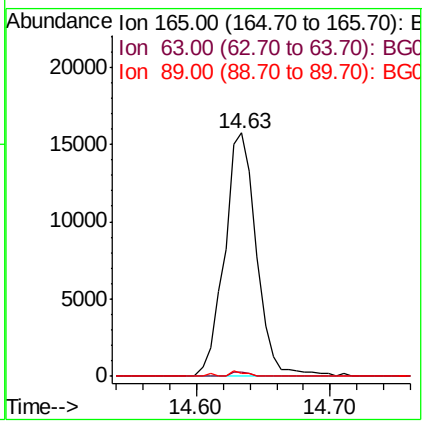


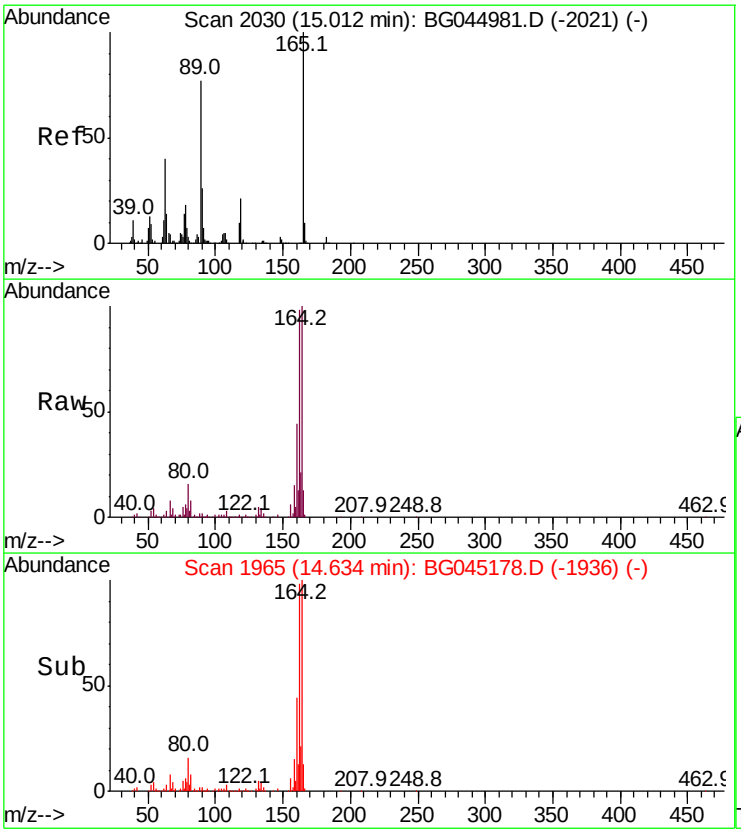
#51
2,6-Dinitrotoluene
Concen: 7.185 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.43 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:165 Resp: 26250

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.4	60.6#
89	1.5	49.1	73.7#

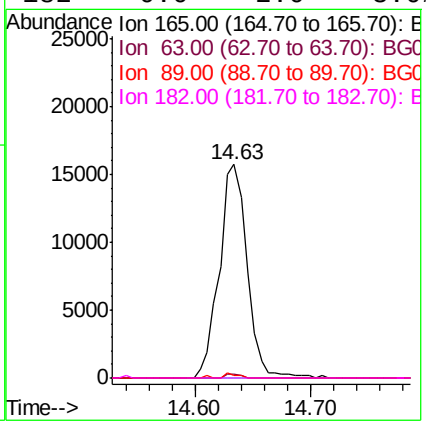


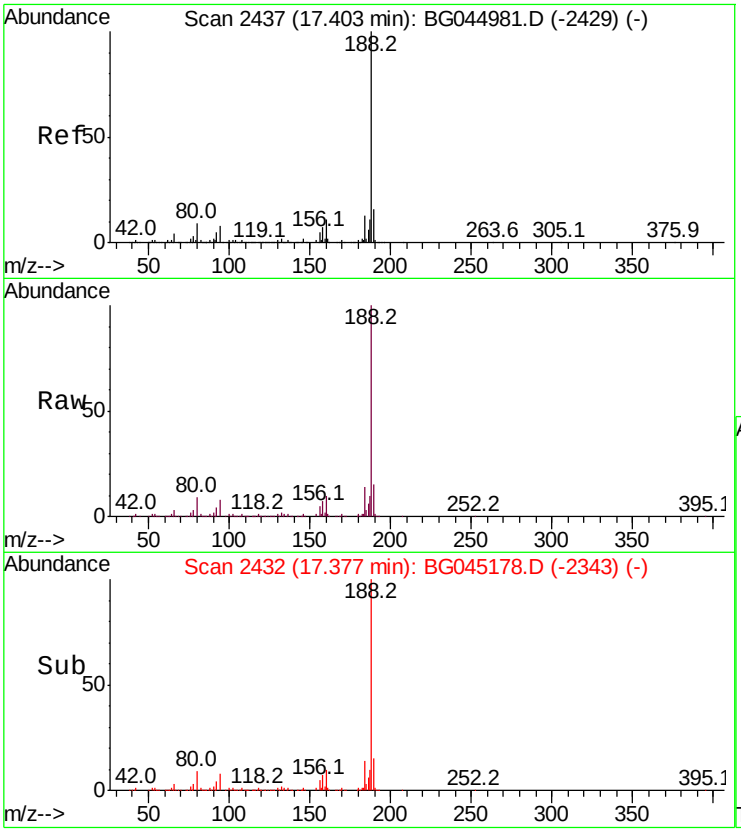


#57
2,4-Dinitrotoluene
Concen: 4.927 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.36 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:165 Resp: 26306

Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.2	48.2#
89	1.5	61.7	92.5#
182	0.0	2.0	3.0#



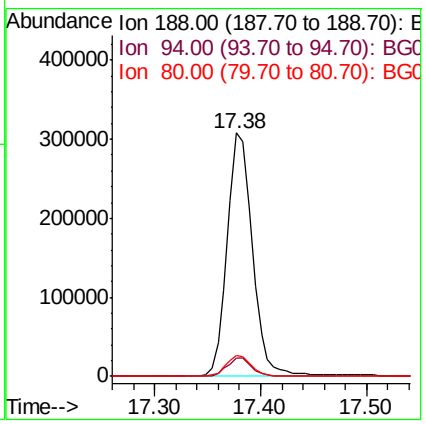


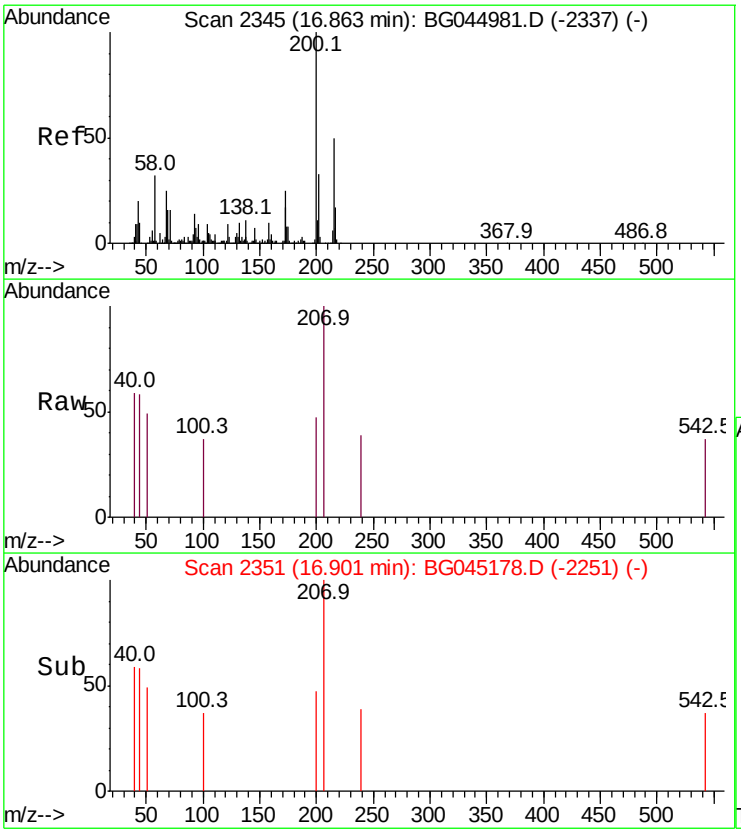
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:188 Resp: 508524

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.8	7.0	10.6

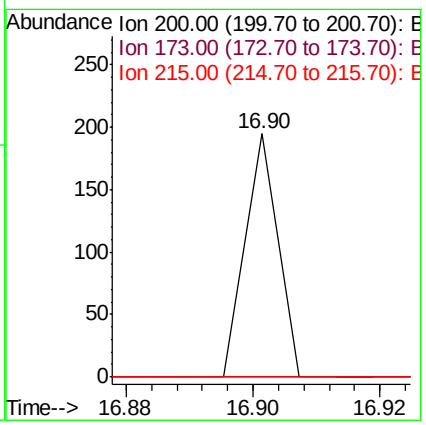


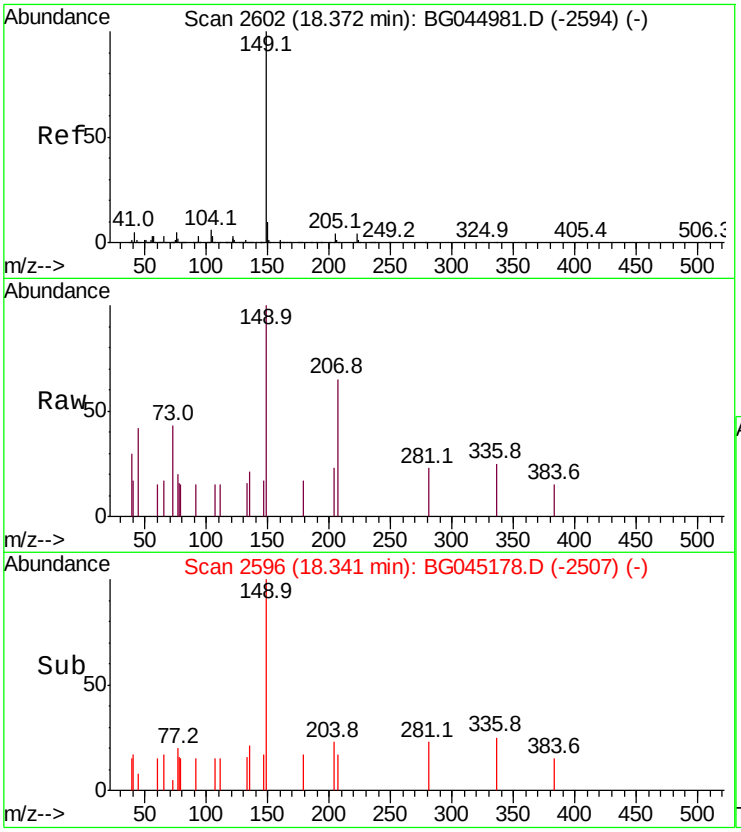


#69
Atrazine
Concen: Below Cal
RT: 16.90 min Scan# 2351
Delta R.T. 0.06 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:200 Resp: 69

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



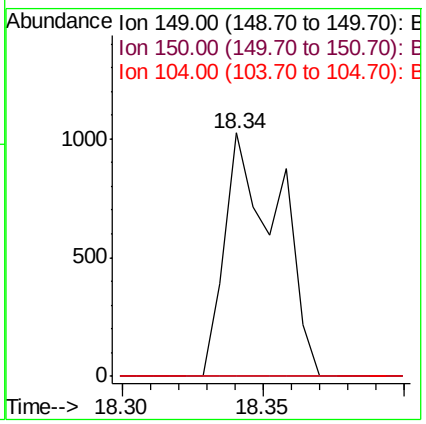


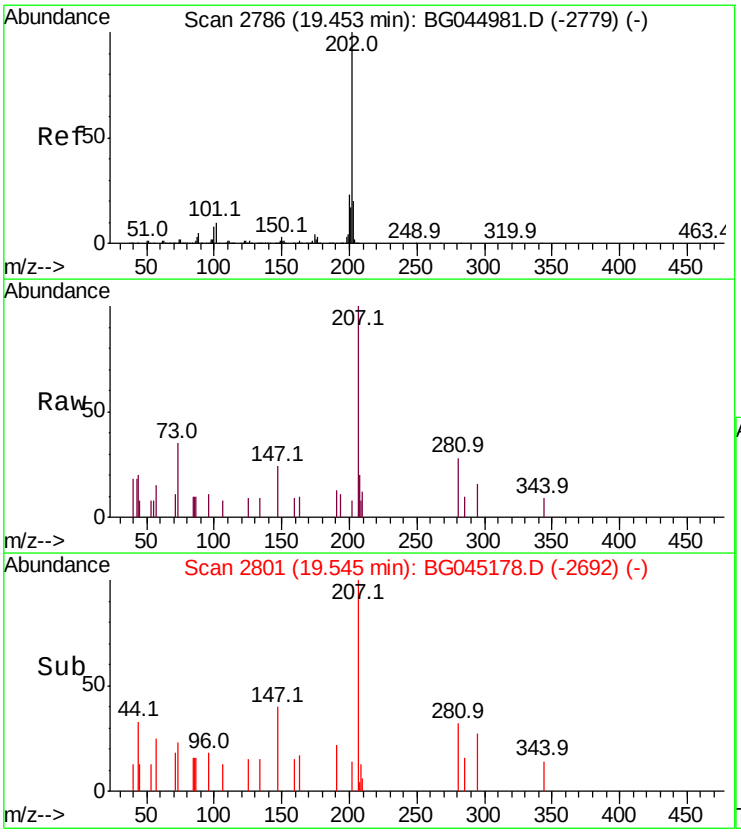
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:149 Resp: 1344

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

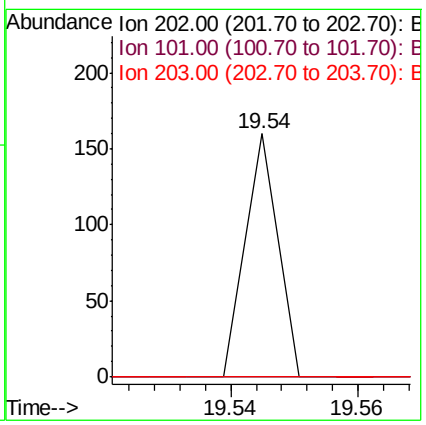


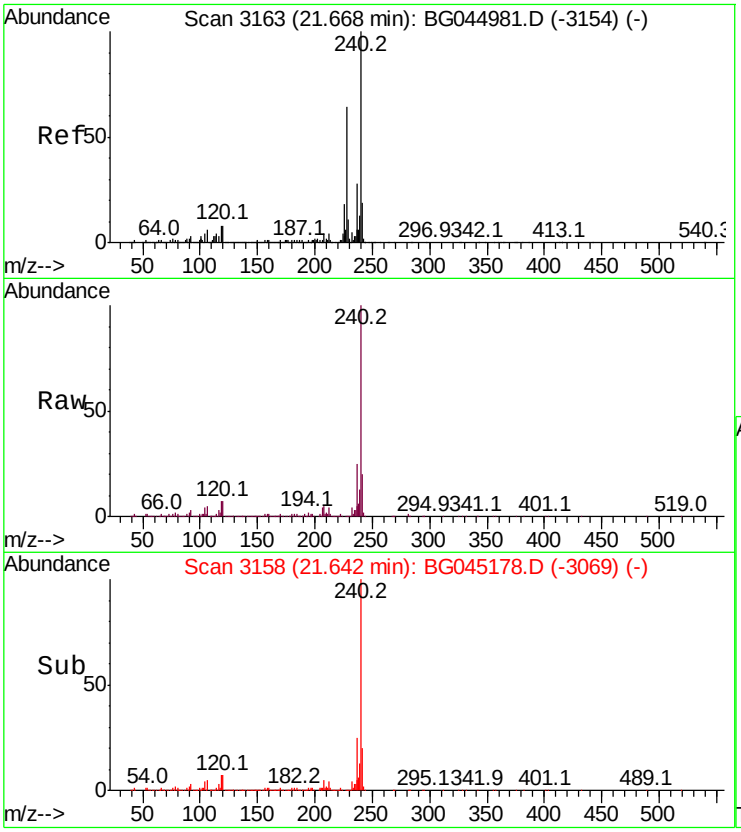


#75
Fluoranthene
Concen: Below Cal
RT: 19.54 min Scan# 2801
Delta R.T. 0.11 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:202 Resp: 56

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



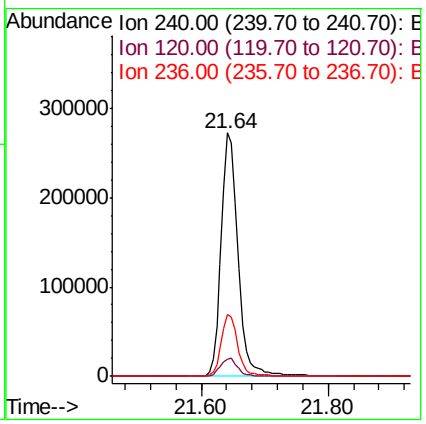


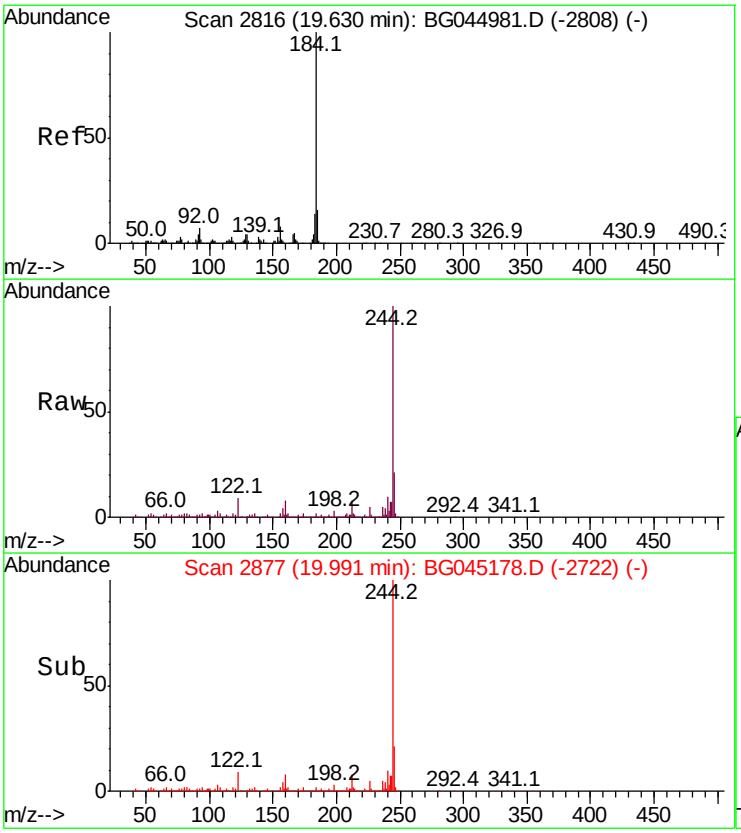
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:240 Resp: 502849

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	25.4	22.2	33.2

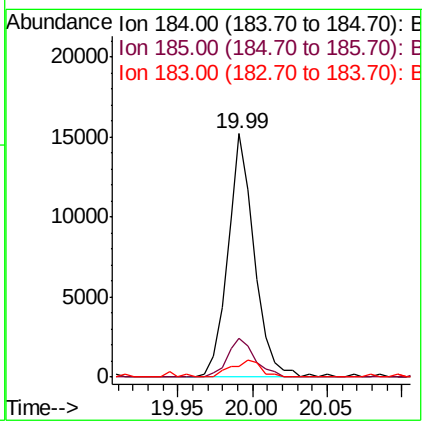


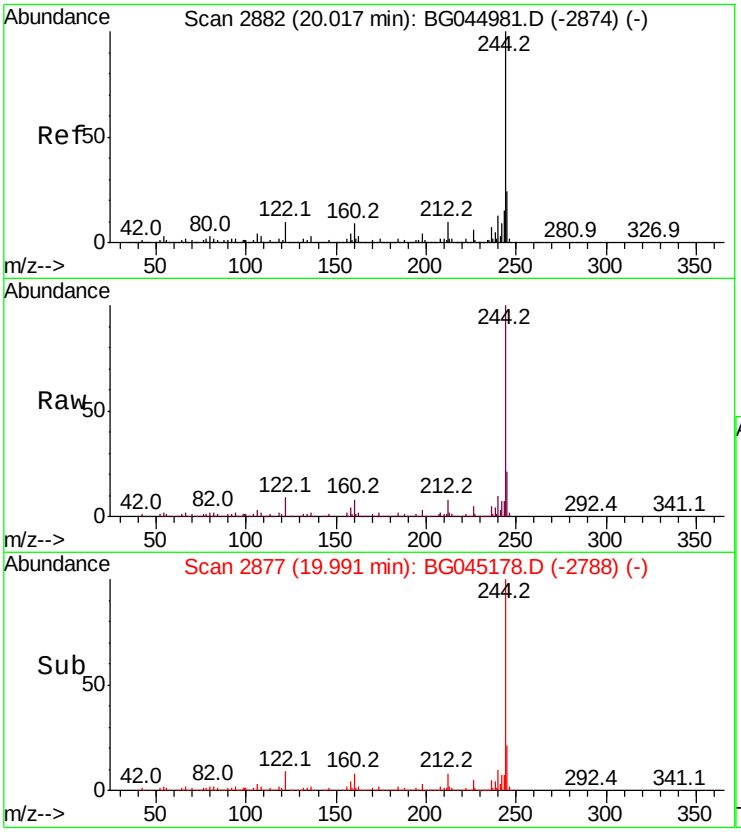


#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.38 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:184 Resp: 18820

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	19.0
183	4.4	11.3	16.9#



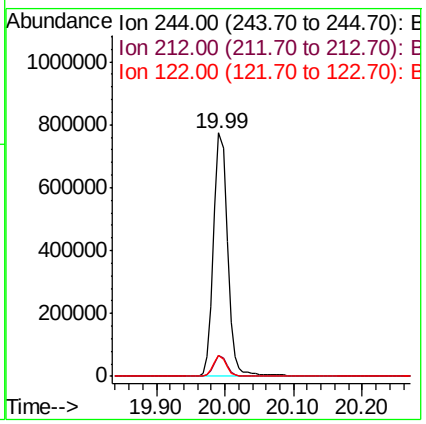


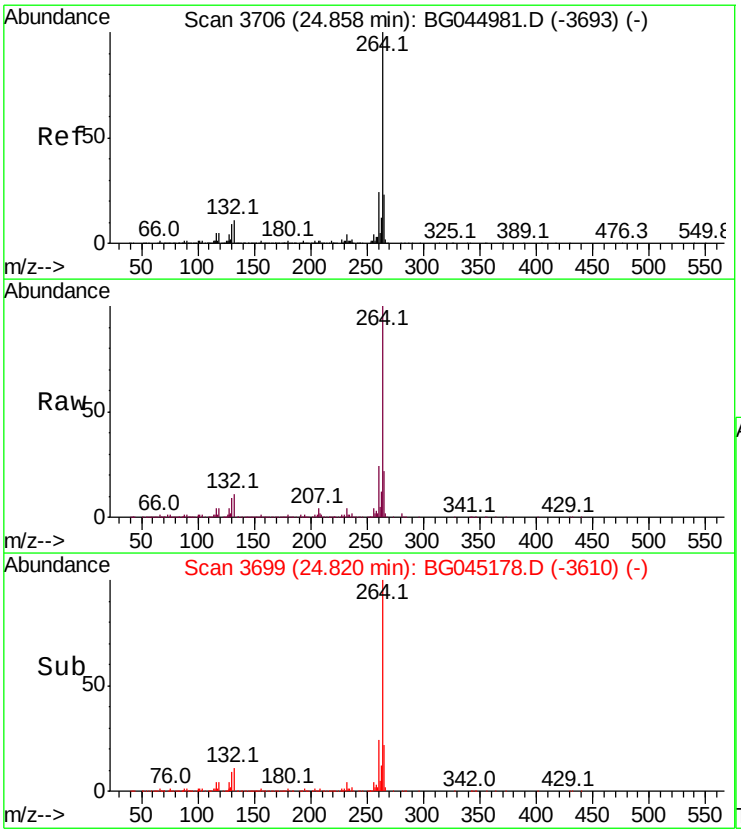
#79
Terphenyl-d14
Concen: 47.857 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tgt Ion:244 Resp: 1104106

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.9	11.9
122	8.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045178.D
Acq: 27 Apr 2020 14:36

Tgt Ion:264 Resp: 528874

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	19.0	28.4