Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
Data File : BG045217.D
Acq On : 1 May 2020 15:36
Operator : CG/JU
Sample : PB128614BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128614BL

Quant Time: May 01 17:14:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63155	20.00	ng	0.01
21) Naphthalene-d8	10.81	136	236734	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	186906	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	491890	20.00	ng	0.00
76) Chrysene-d12	21.65	240	485032	20.00	ng	0.00
87) Perylene-d12	24.83	264	510080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	495465	129.52	ng	0.00
7) Phenol-d6	7.16	99	677544	119.21	ng	0.00
23) Nitrobenzene-d5	9.16	82	461355	88.92	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	401003	138.88	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1157161	90.78	ng	0.00
79) Terphenyl-d14	20.00	244	2165579	97.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	1512	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.16	70	62472	15.543	ng	# 78
32) Benzoic acid	10.22	122	63	6.392	ng	# 1
51) 2,6-Dinitrotoluene	14.64	165	23738	6.974	ng	# 26
57) 2,4-Dinitrotoluene	14.64	165	23739	4.772	ng	# 23
67) 4-Bromophenyl-phenylether	16.13	248	27926	4.401	ng	# 1
69) Atrazine	16.70	200	59	Below Cal	#	35
74) Di-n-butylphthalate	18.32	149	53	Below Cal	#	76
75) Fluoranthene	19.64	202	56	Below Cal		62
77) Benzidine	20.00	184	41880	Below Cal	#	87

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

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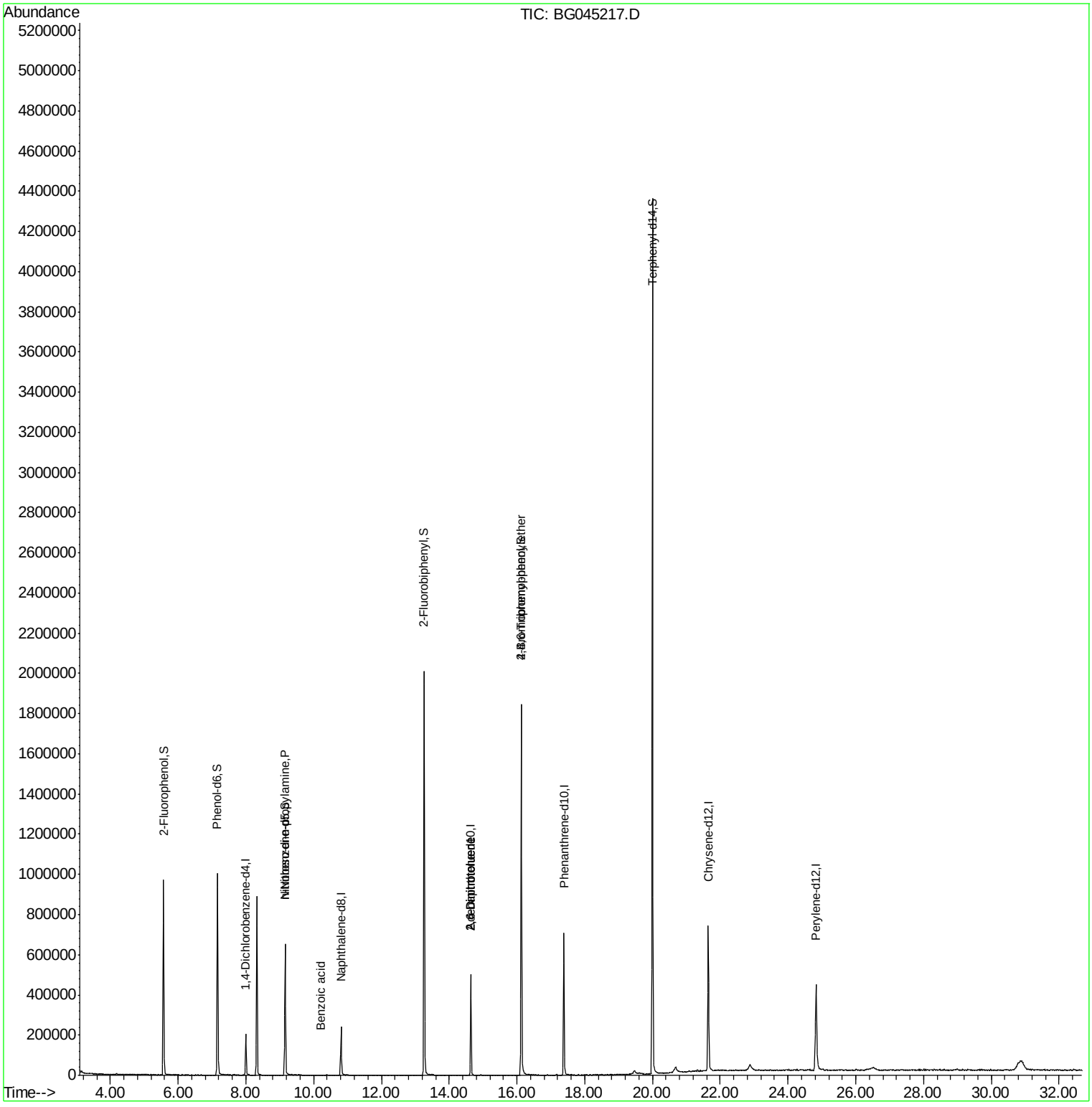
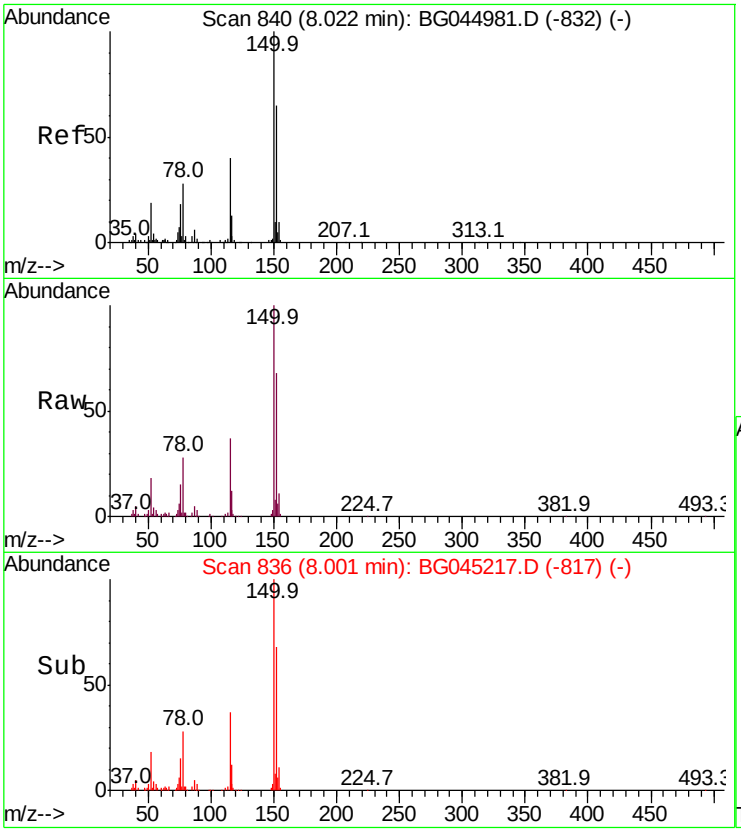
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration



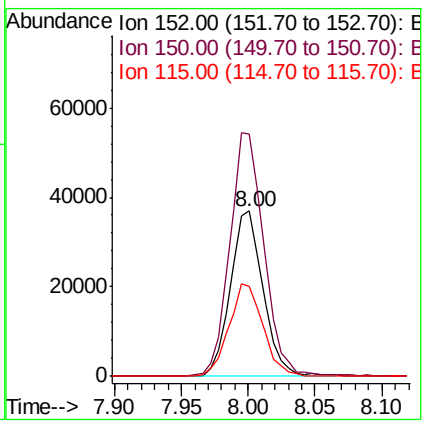


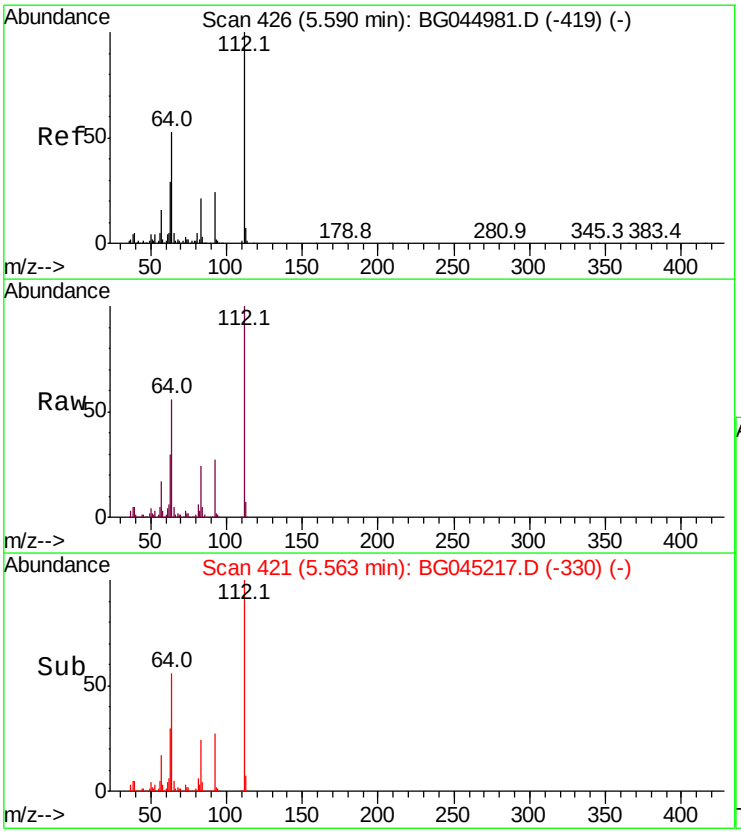
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:152 Resp: 63155

Ion	Ratio	Lower	Upper
152	100		
150	146.6	123.6	185.4
115	54.3	49.1	73.7

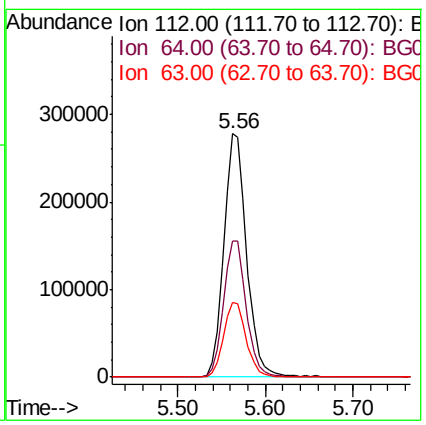


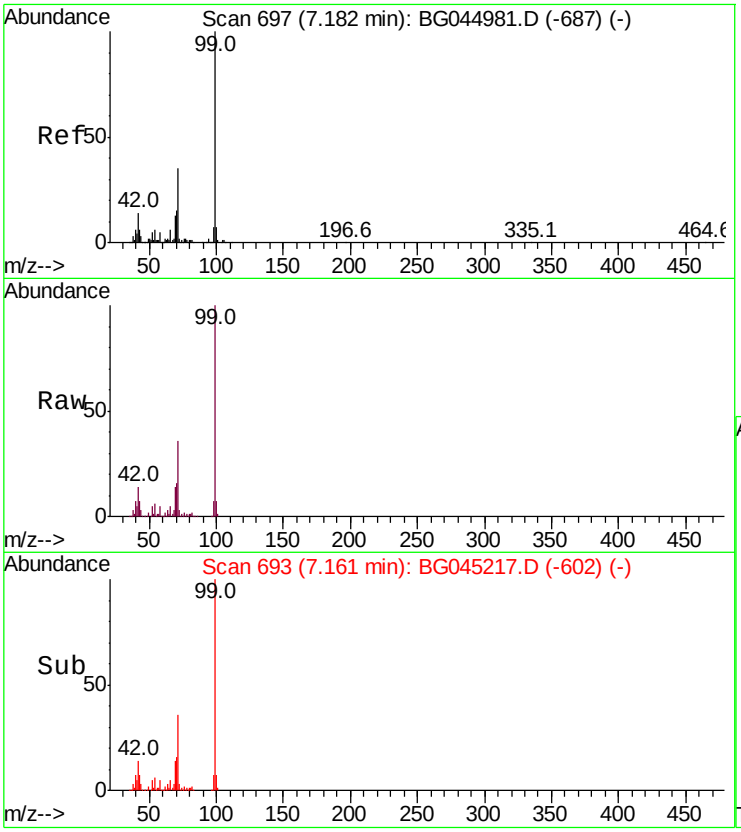


#5
2-Fluorophenol
Concen: 129.520 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:112 Resp: 495465

Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.4	63.6
63	30.4	23.1	34.7



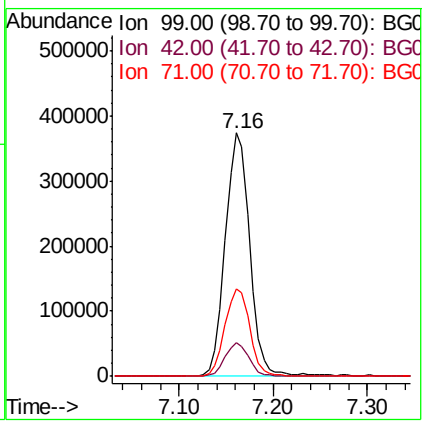


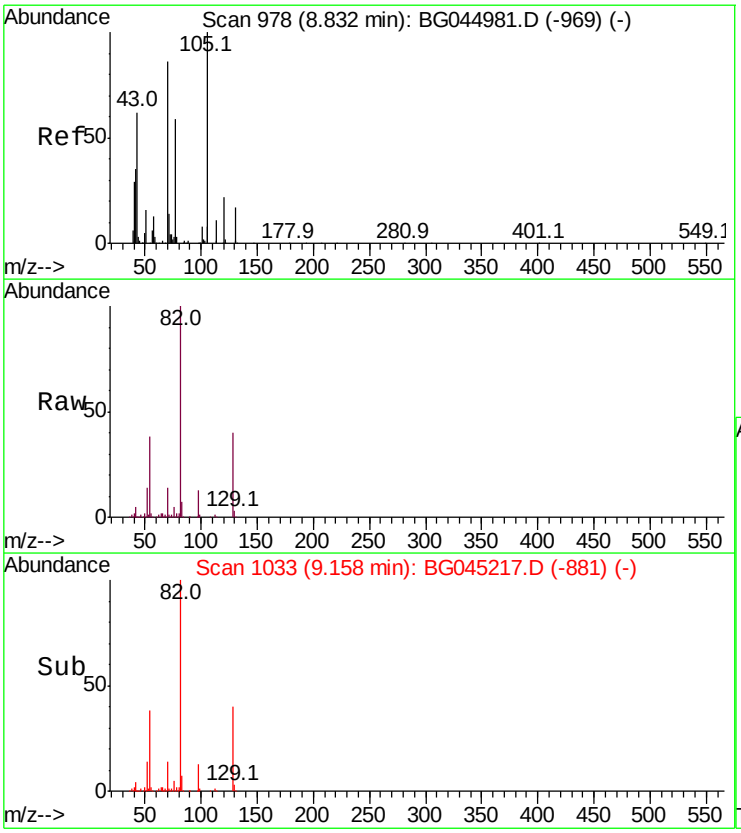
#7
Phenol-d6
Concen: 119.211 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion: 99 Resp: 677544

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	36.0	28.3	42.5

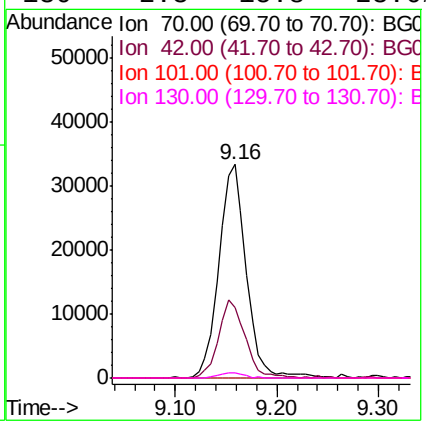


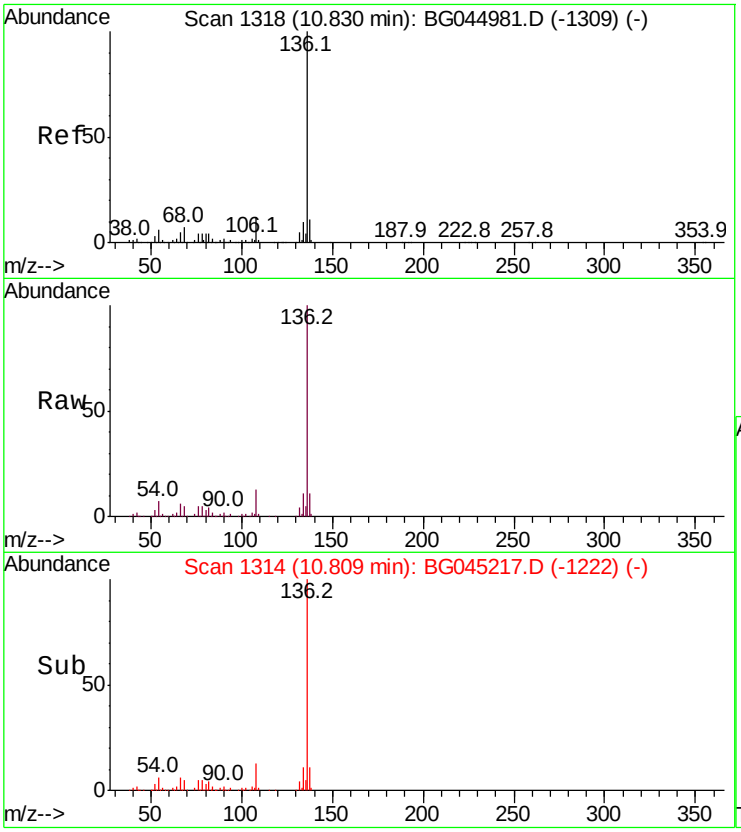


#19
n-Nitroso-di-n-propylamine
Concen: 15.543 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.36 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion: 70 Resp: 62472

Ion	Ratio	Lower	Upper
70	100		
42	33.2	33.3	49.9#
101	0.0	7.8	11.8#
130	2.3	15.8	23.6#



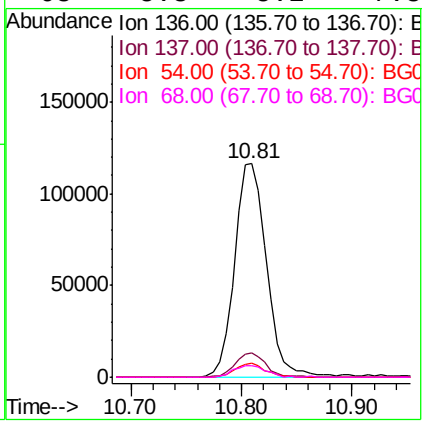


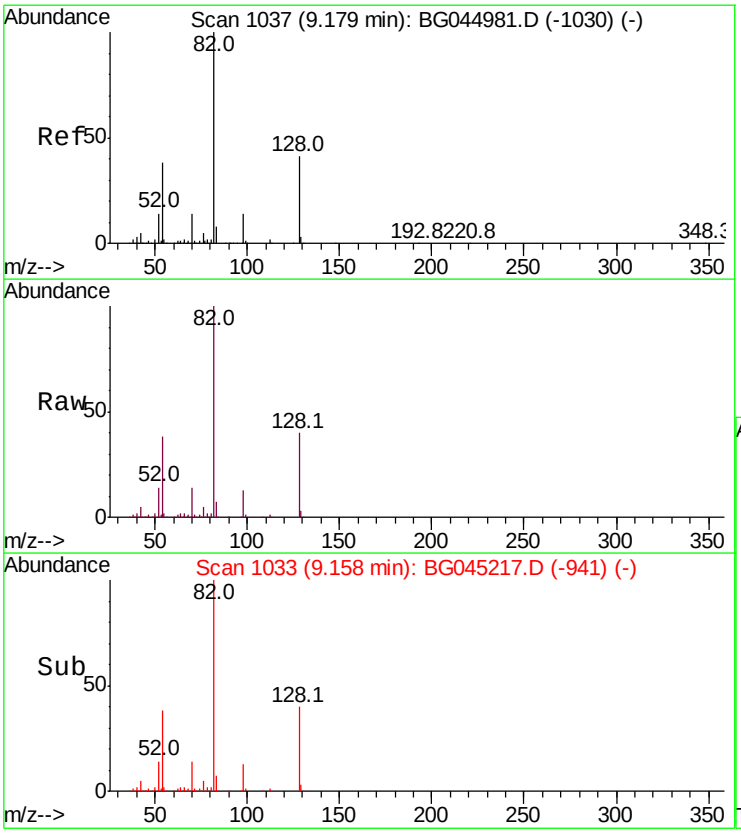
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:136 Resp: 236734

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.5	4.8	7.2
68	5.3	5.2	7.8

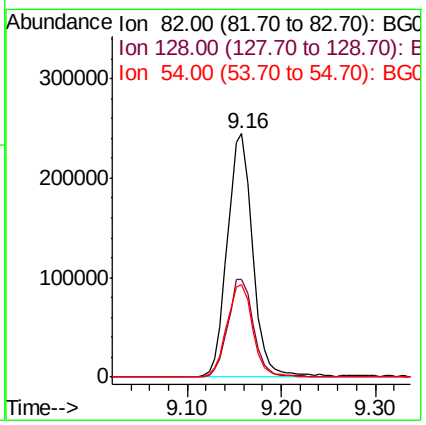


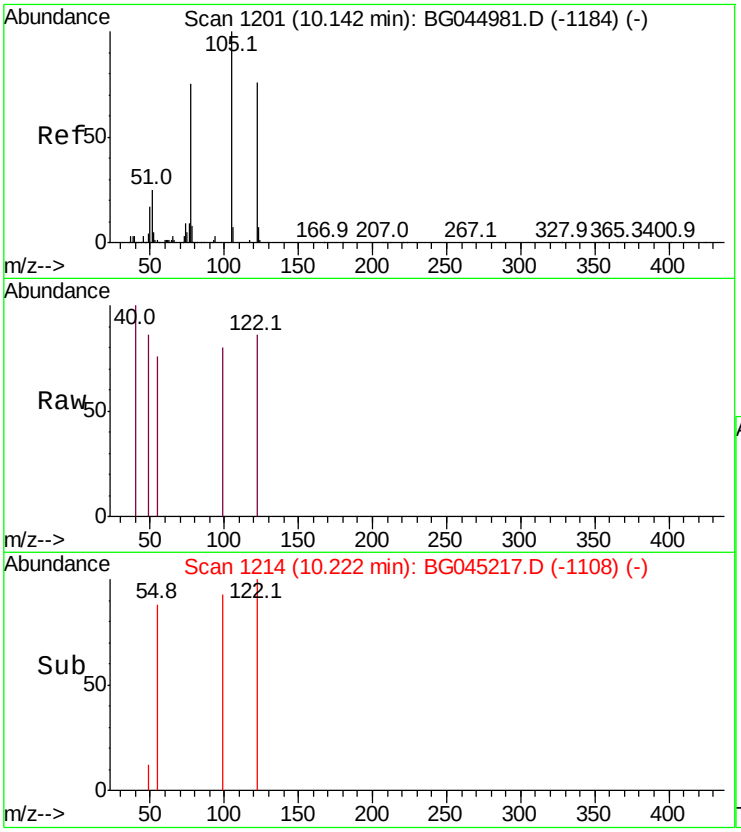


#23
Nitrobenzene-d5
Concen: 88.923 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion: 82 Resp: 461355

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	38.2	30.4	45.6



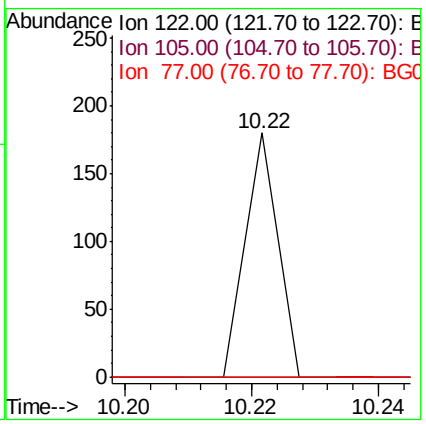


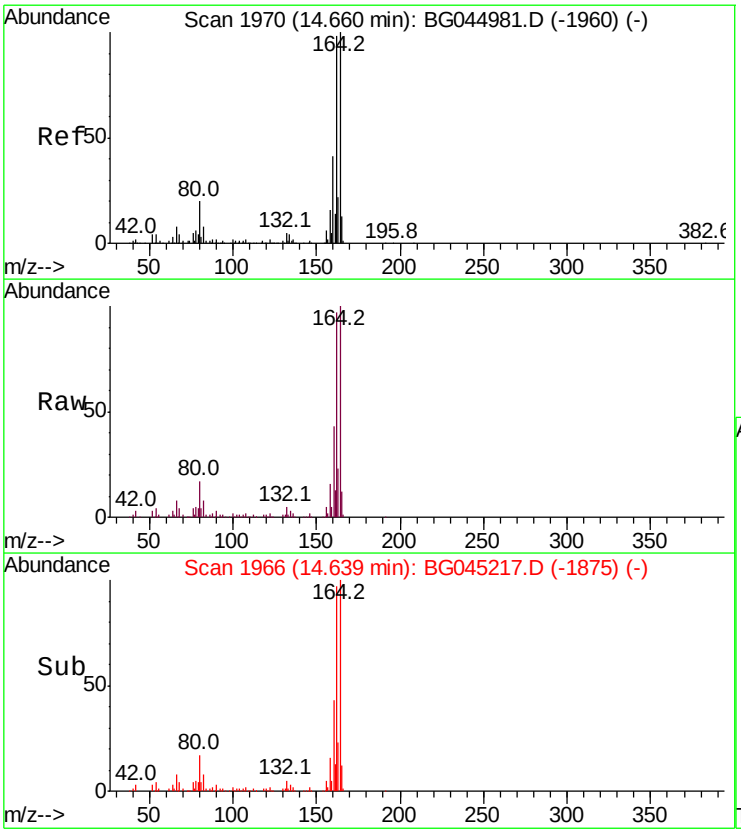
#32
Benzoic acid
Concen: 6.392 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.09 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:122 Resp: 63

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

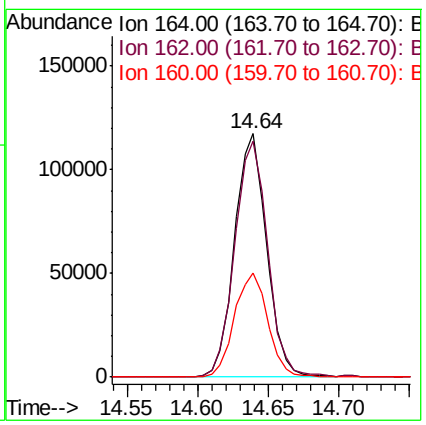


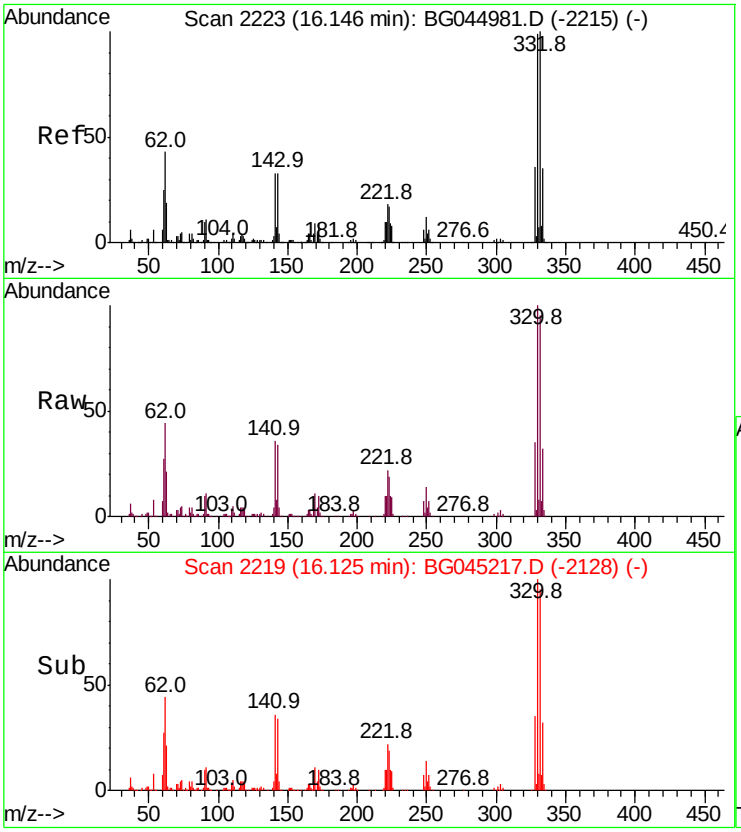


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:164 Resp: 186906

Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.7	118.1
160	42.9	32.8	49.2



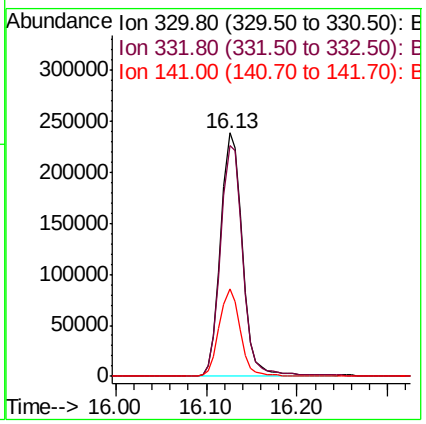


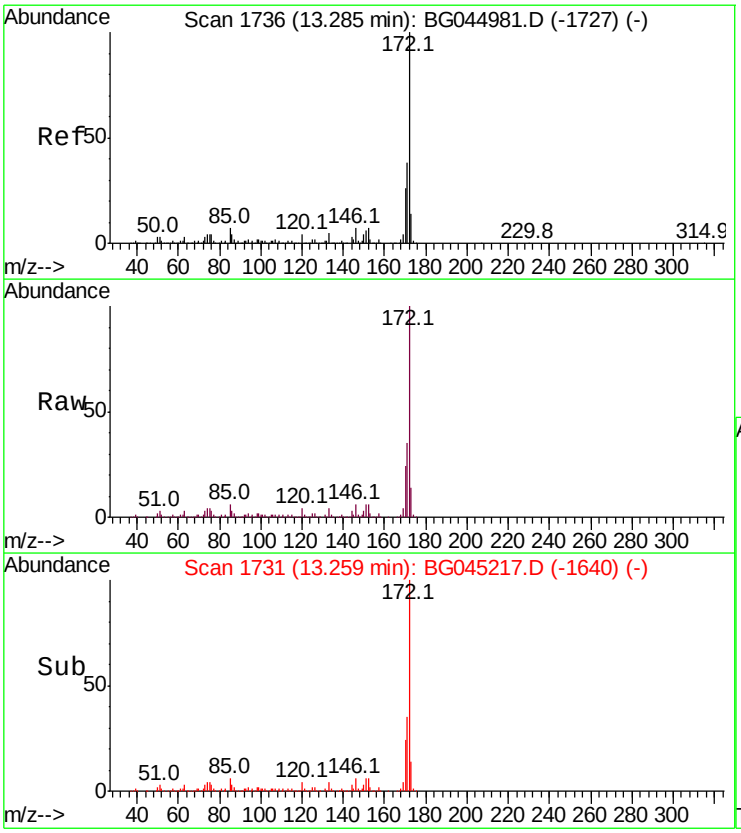
#42
2,4,6-Tribromophenol
Concen: 138.878 ng
RT: 16.13 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:330 Resp: 401003

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.4	27.1	40.7

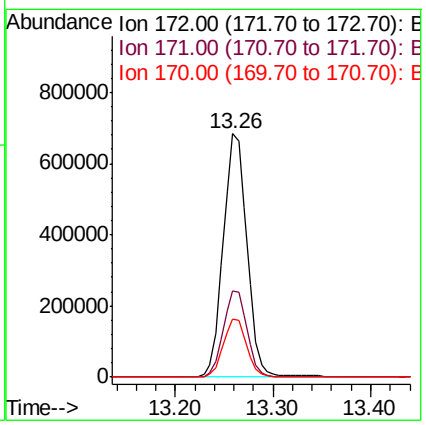


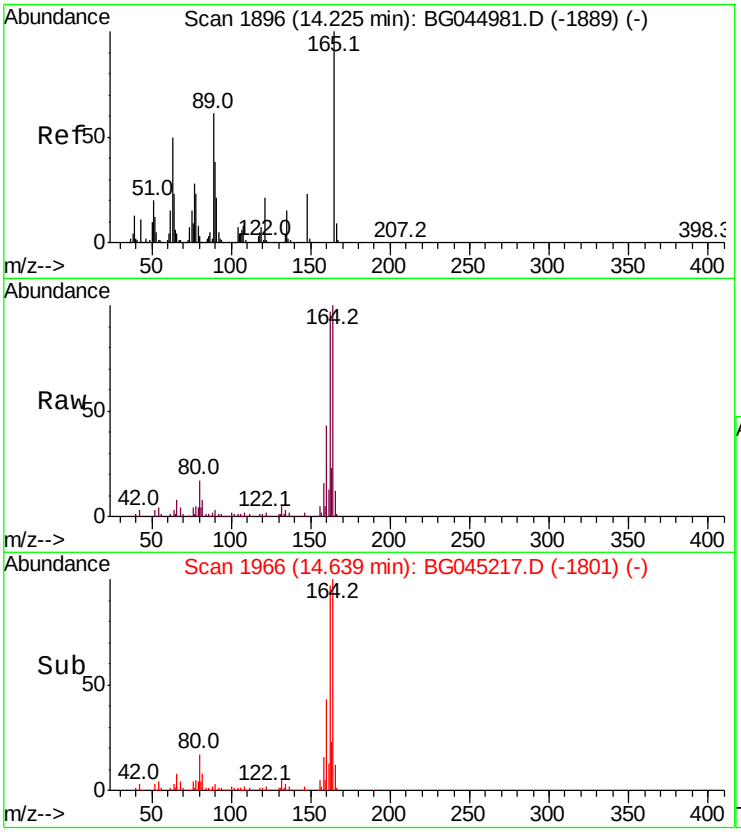


#45
2-Fluorobiphenyl
Concen: 90.782 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:172 Resp: 1157161

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.7	20.5	30.7



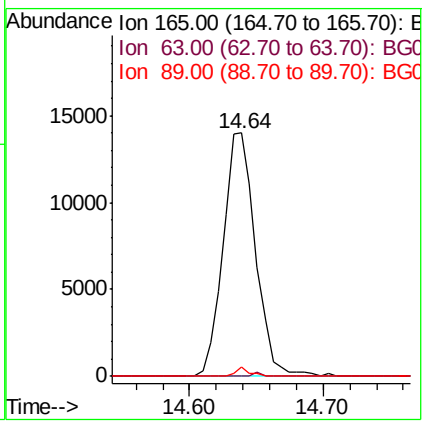


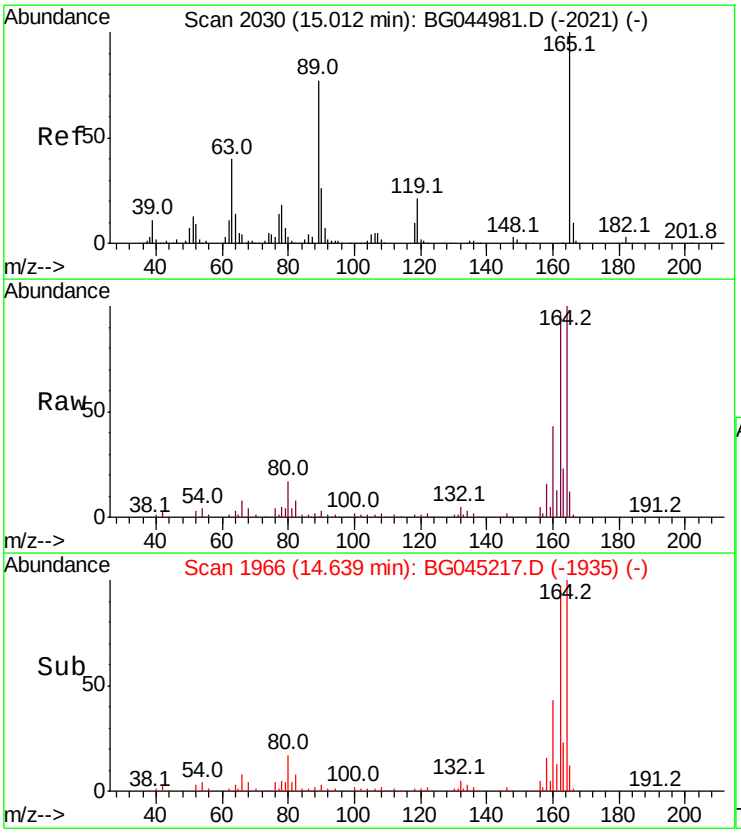
#51
2,6-Dinitrotoluene
Concen: 6.974 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.44 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:165 Resp: 23738

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	3.6	49.1	73.7#

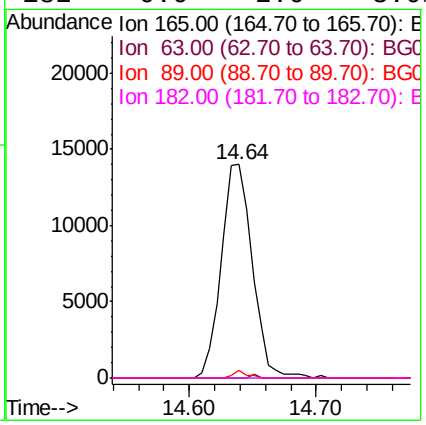


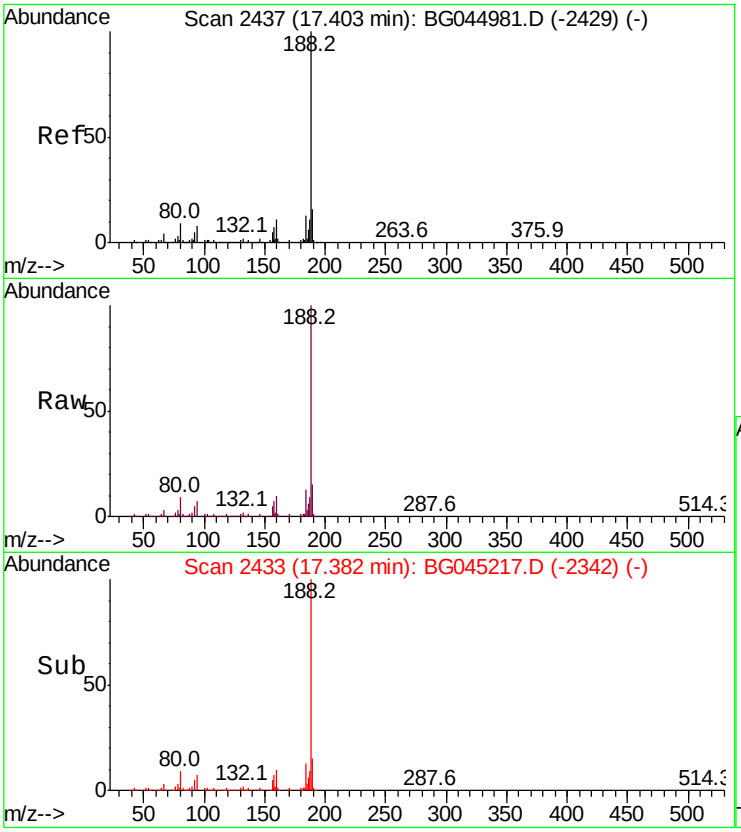


#57
2,4-Dinitrotoluene
Concen: 4.772 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.35 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:165 Resp: 23739

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	3.6	61.7	92.5#
182	0.0	2.0	3.0#



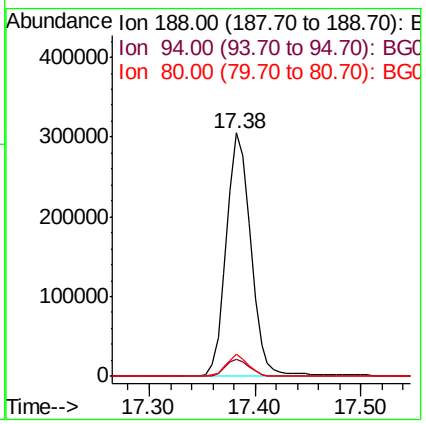


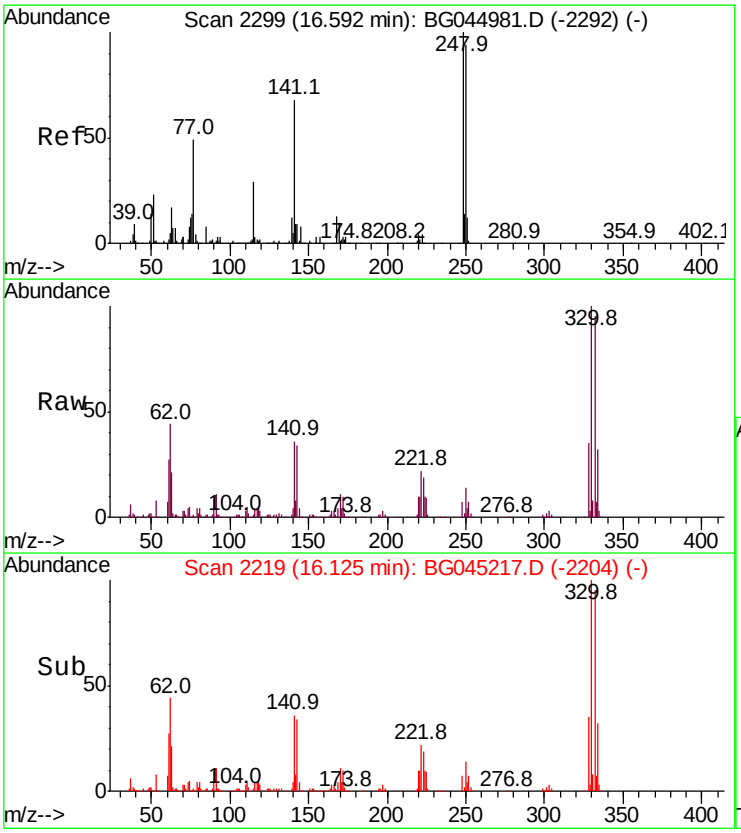
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:188 Resp: 491890

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.9	7.0	10.6

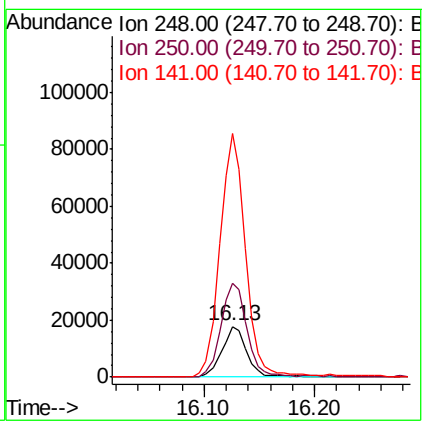


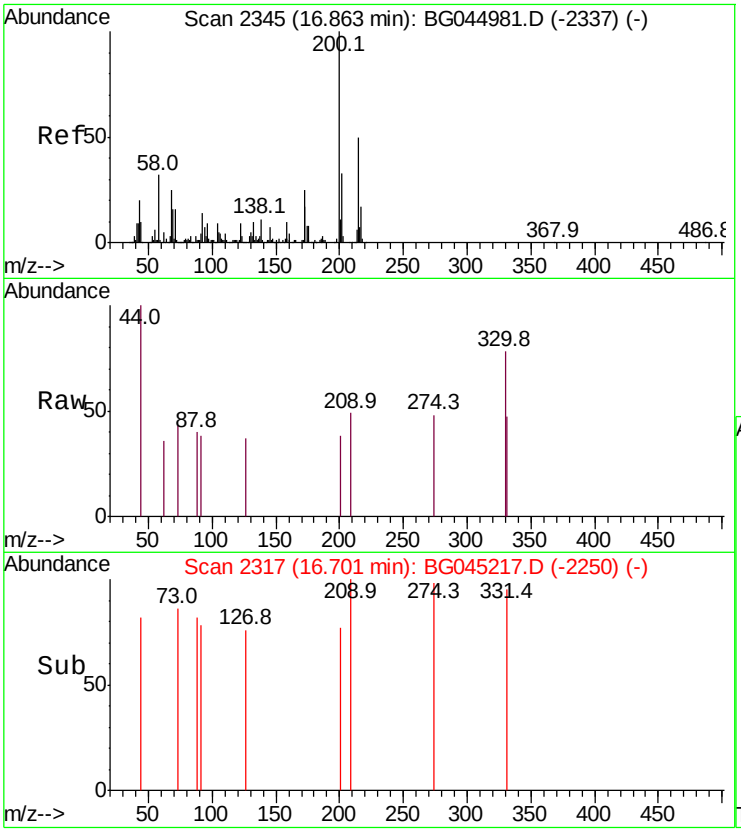


#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.44 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:248 Resp: 27926

Ion	Ratio	Lower	Upper
248	100		
250	185.7	75.4	113.2#
141	483.0	54.4	81.6#



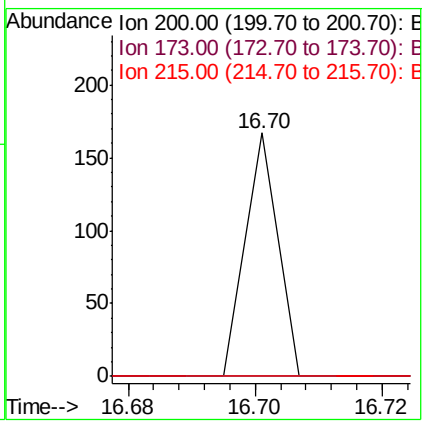


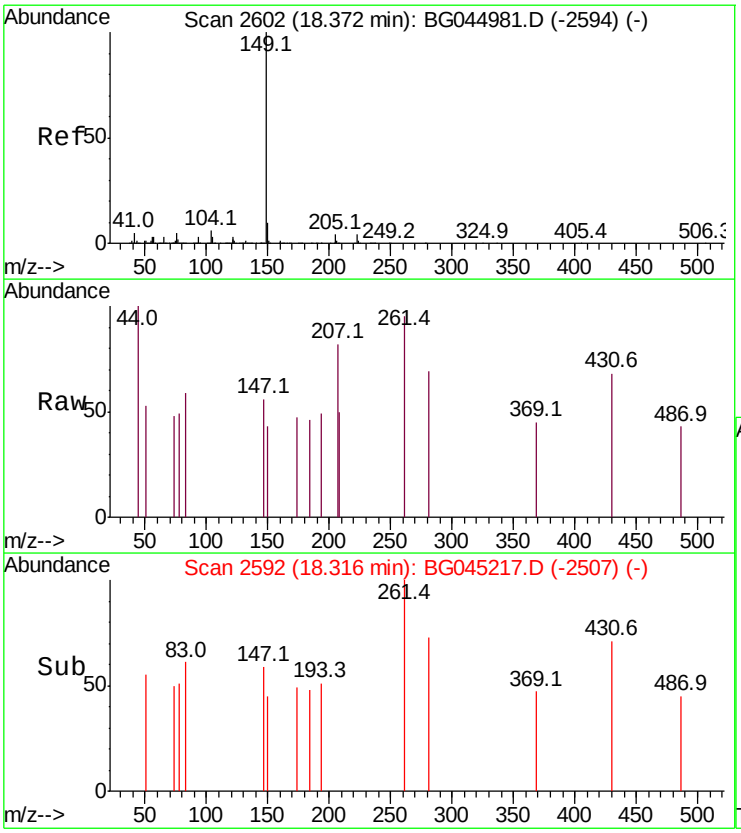
#69
Atrazine
Concen: Below Cal
RT: 16.70 min Scan# 2317
Delta R.T. -0.14 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

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#

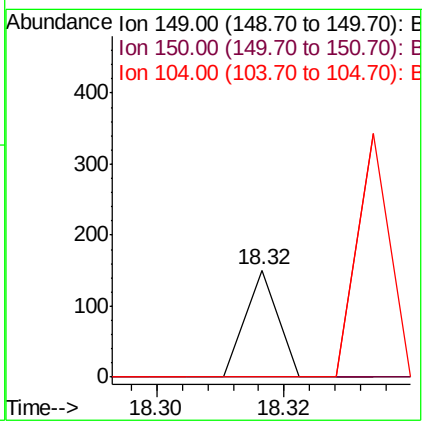


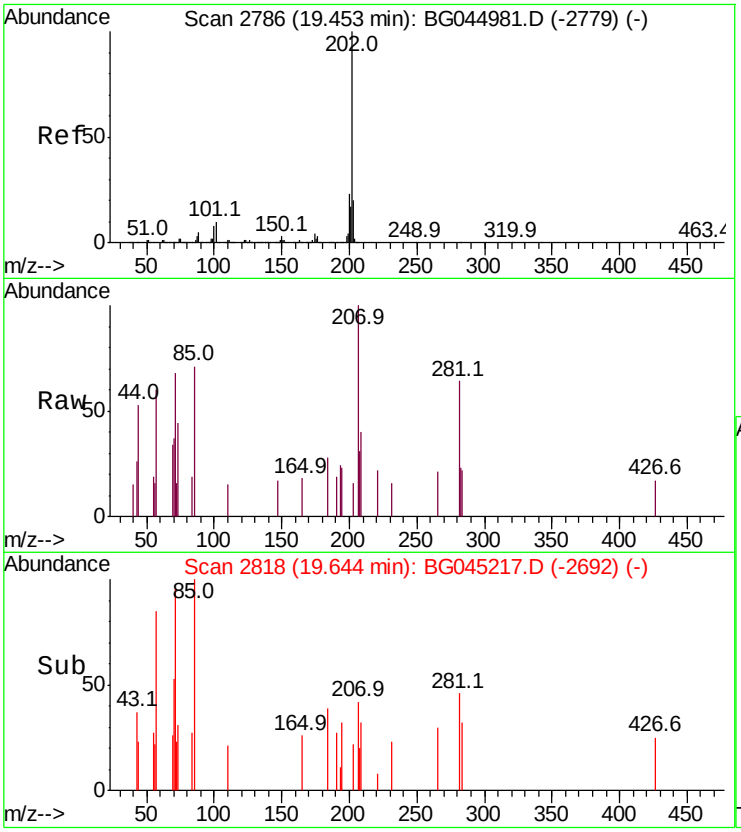


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.32 min Scan# 2592
Delta R.T. -0.03 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:149 Resp: 53

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



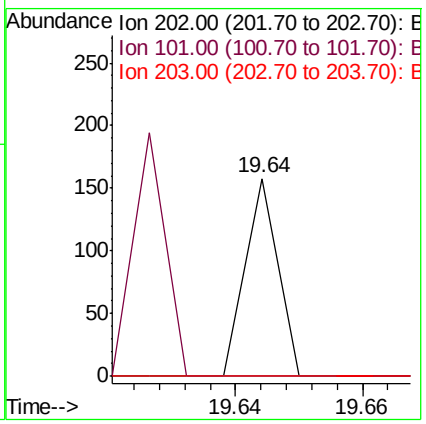


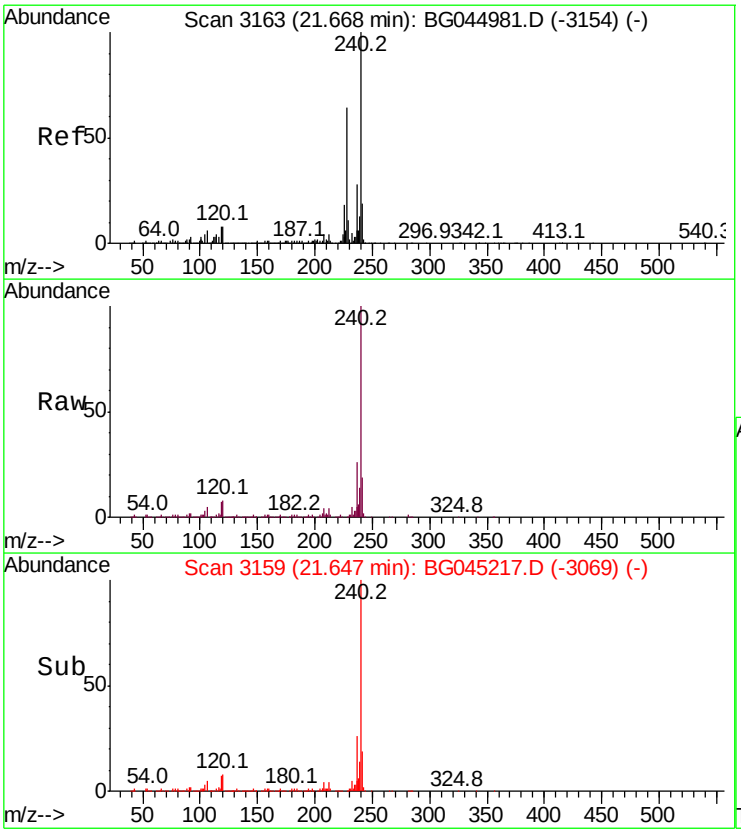
#75
Fluoranthene
Concen: Below Cal
RT: 19.64 min Scan# 2818
Delta R.T. 0.21 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

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

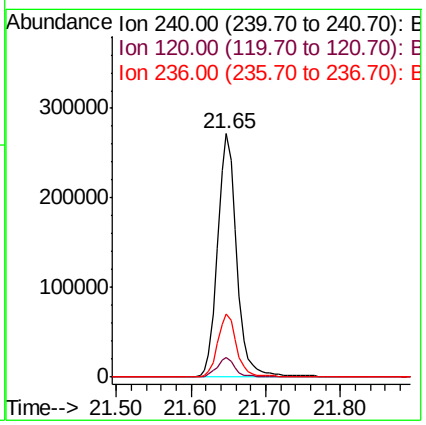


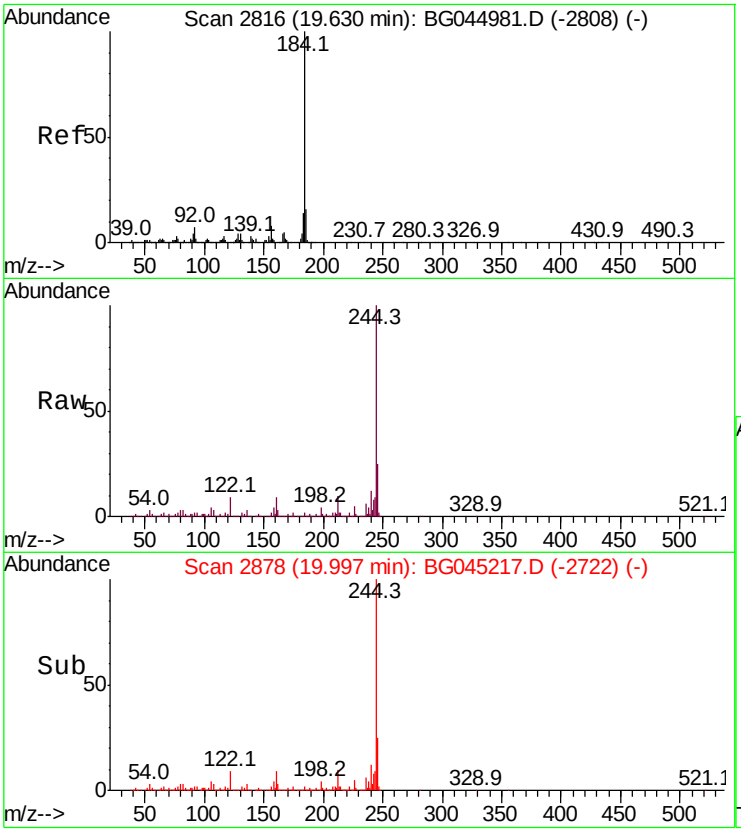


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:240 Resp: 485032

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	25.9	22.2	33.2



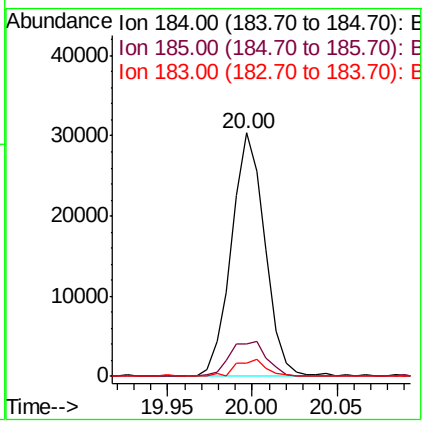


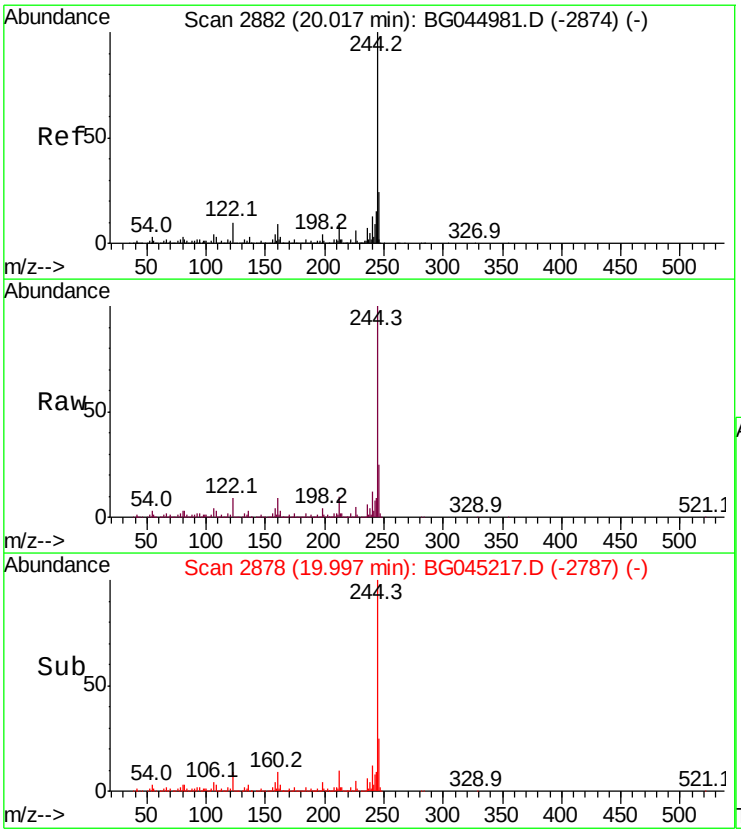
#77
Benzidine
Concen: Below Cal
RT: 20.00 min Scan# 2878
Delta R.T. 0.38 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:184 Resp: 41880

Ion	Ratio	Lower	Upper
184	100		
185	13.3	12.6	19.0
183	5.6	11.3	16.9#

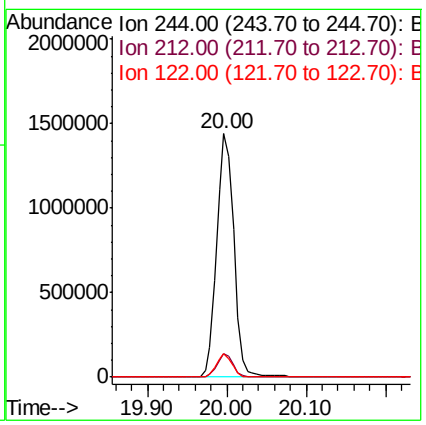


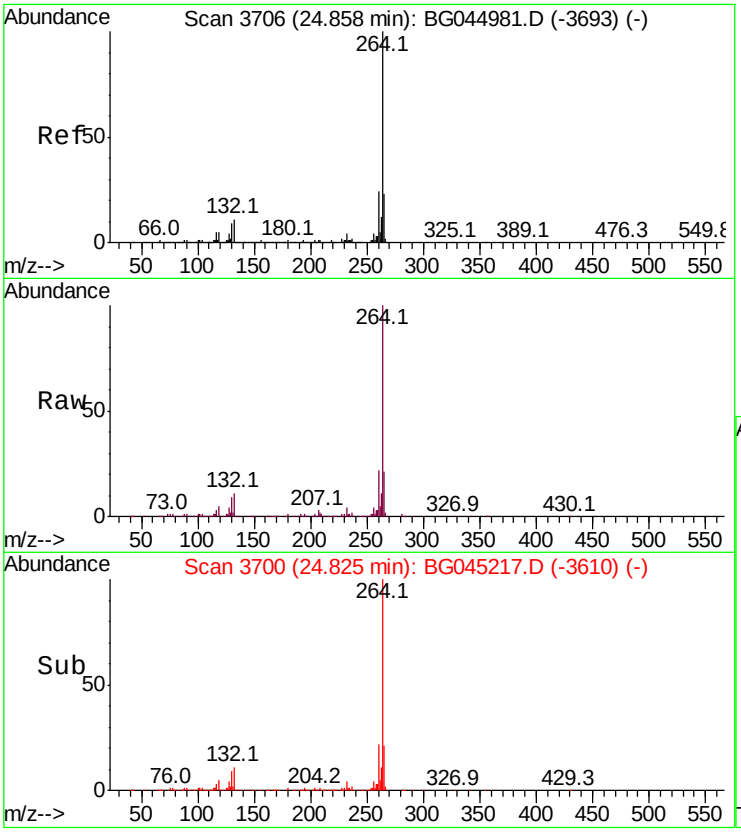


#79
Terphenyl-d14
Concen: 97.314 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Tgt Ion:244 Resp: 2165579

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	9.5	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG045217.D
Acq: 1 May 2020 15:36

Instrument :
BNA_G
ClientSampleId :
PB128614BL

Tgt Ion:264 Resp: 510080

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.2	19.0	28.4